

Flavors & Fragrances

Feel inspired
with **exceptional aroma materials**
driving artistic achievement

Feel it.

SAFC®



Feel it.

The perfect blend of **products and services to bring your creativity to life.**

The essence of your success

With the industry's widest selection of flavor and fragrance raw materials in stock, SAFC can deliver over 1,600 aroma chemicals anywhere in the world. Whether your creation requires certified Food-grade, Natural, Kosher or Halal materials, SAFC can provide them on time, in the quantities needed, and with uncompromised quality.

Accelerate research, streamline manufacturing, and reduce supply chain risk with SAFC's:

- Vast selection of flavor raw materials
- Exceptional quality, documentation and track record in regulatory compliance
- On-time delivery through a global network that includes offices in 40 countries
- Ready-to-ship packages to 25 kg or customizable options

Available materials include:

- More than 1,600 aroma raw materials (new products added monthly)
- More than 350 food-grade-certified products
- 1,100 Kosher Parve-certified products
- 525 Halal-certified products
- More than 400 Food Chemicals Codex listings
- 250 naturals
- 170 essential oils



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Key to product listings

- 1. Product name
- 2. Formula weight
- 3. Indicates material meets specifications in the Food Chemicals Codex
- 4. Synonym
- 5. Cross reference entry
- 6. FEMA number: Flavor and Extract Manufacturer's Association of the United States
- 7. Chemical Abstracts Service (CAS®) Registry Number
- 8. Formula
- 9. Flavis number
- 10. Reference to Perfume and Flavor Chemicals (Aroma Chemicals by Steffen Artander)
- 11. Food-grade certified
- 12. Council of Europe number
- 13. Kosher grade: material is only kosher when bearing the kosher seal
- 14. Indicates product is certified as Halal by the Islamic Food and Nutrition Council of America
- 15. Organoleptic properties
- 16. Product is derived from a nature-identical source
- 17. New product listing
- 18. Indicates material meets National Organic Program (NOP) and/or European Union (EU) standards for organic products
- 19. Product is an essential oil
- 20. Catalog number
- 21. Reference to Fenaroli's Handbook of Flavor Ingredients, 3rd Edition by T.E. Fura and N. Bellance

Note: Contact your local SAFC representative for current pricing information.

Acetaldehyde	1
Ethanal	2
[75-07-0] FEMA 2003 Flavis 5.001 CoE Nr 89	3
CH ₃ CHO C ₂ H ₄ O FW 44.05	4
Arc. 3; Fen. 3	
► natural, ≥99%, FCC, FG	
Halal, Kosher	
<i>Organoleptic:</i> ethereal; coffee; wine-like	
May form a small amount of trimer	
W200336-SAMPLE-K	
W200336-400G-K	400 g
W200336-1.9KG-K	1.9 kg
W200336-12KG-K	12 kg
Coconut oil	19
Copra oil; Coconut fat; Coconut oil from <i>Cocos nucifera</i>	
[8001-31-8]	
► virgin, Certified organic (NOP/EU)	
from (<i>Cocos nucifera</i>)	
Philippines origin	
W530155-SAMPLE	
W530155-5KG	5 kg

Dimethyl sulfide	5
DMS	6
[75-18-3] FEMA 2746 Flavis 12.006 CoE Nr 483c	
(CH ₃) ₂ S C ₂ H ₆ S FW 62.13	
Arc. 1060; Fen. 562	
► redistilled, ≥99%, FCC	
Kosher, NI	
<i>Organoleptic:</i> sulfurous; vegetable	
W274615-SAMPLE-K	
W274615-1KG-K	1 kg
W274615-25KG-K	25 kg
Methyl cyclopentenolone	18
Cyclotene	
[765-70-8] FEMA 2700 CoE Nr 758 C ₆ H ₈ O ₂	
FW 112.13	
► 98%, FCC, FG	
<i>Organoleptic:</i> caramel; maple; smoky; nutty; coffee	
Halal, Kosher, NI	
W270008-SAMPLE-K	
W270008-25KG-K	25 kg

2-Octenoic acid	8
[1871-67-6] CH ₃ (CH ₂) ₄ CH=CHCO ₂ H C ₈ H ₁₄ O ₂	9
FW 142.20	
predominantly <i>trans</i>	
► 85%	
FEMA 3957 Flavis 8.114	
Possible uses: lamb, mutton, goat, ripe cheeses, shell fish, meaty chicken. ¹	
<i>Natural occurrence:</i> strawberry, capsicum frutescens, chicken fat, boiled mutton ¹	
Lit. cited: 1. Mosciano, Gerard, <i>Perfum. Flavor.</i> 3rd ed., 33, 50 (2008)	
W395701	
Vanillin	10
4-Hydroxy-3-methoxybenzaldehyde	
[121-33-5] FEMA 3107 Flavis 5.018	
4-(HO)C ₆ H ₃ -3-(OCH ₃)CHO C ₈ H ₈ O ₃ FW 152.15	
<i>Organoleptic:</i> caramel; chocolate; sweet; vanilla	
Arc. 3067; Fen. 792	
► ≥97%, FCC, FG	
CoE Nr 107	
Halal, Kosher, NI	
W310700-SAMPLE-K	

Product types and certifications



Food-grade materials

Choose from an industry-leading range of more than 350 enhanced-quality food-grade materials. Each complies with European General Food Law Regulations EU 1334/2008, EU 178/2002, and US Regulation 21 CFR 110.

Expiration-dated batch lots are free of restricted starting materials and brought from point of manufacture to your receiving dock in accordance with the latest regulations. SAFC stakes its reputation on adhering to the most stringent and continually evolving global industry regulations so you can develop new taste technologies with confidence.

Natural products

Support the natural designation of your product with independent verification of raw materials and complete records that track place of origin. SAFC ingredients meet natural criteria through US Title 21, Section 101.22(i)(4), and EU Regulation No. 1334/2008, Article 3(2)(c).

All products are independently tested for naturalness by the University of Georgia. Organic materials are also tested for compliance to European Union (EU) and United States of America National Organic Program (NOP) standards by the Midwest Organic Services Association.

SAFC's range of natural ingredients includes:

- Certified Organics
- USA-certified naturals
- European-certified naturals
- Essential oils

Kosher products and certification

Take your choice of 1,100 Kosher Parve products, certified by Rabbi Gershon Segal. Kosher certificates can be downloaded at: safcglobal.com/flavors-fragrances

Halal products and certification

SAFC offers 525 Halal products certified by the Islamic Food and Nutrition Council of America (IFANCA). Halal certificates can be downloaded at: safcglobal.com/flavors-fragrances

How to order

Contact your local SAFC representative, (see outside back cover of this catalog) or SAFC Flavors & Fragrances at:

Telephone

Toll-free **+1-800-227-4563**

International **+1-414-438-3850**

Fax **+1-414-438-4216**

Global Email

Sales **ff@sial.com**

Customer Service **safcff@sial.com**

Online

safcglobal.com/flavors-fragrances

Mail

SAFC Flavors & Fragrances

6000 N. Teutonia Avenue

Milwaukee, WI 53209

USA

HALAL


Quality and risk management



Your order will be shipped from AIB-audited and ISO 9001:2008-accredited facilities in the USA or Europe, with ample regulatory documentation to support end use.

SAFC can work with you to customize a streamlined supply chain that delivers consistently high-quality materials in whatever quantities you require.

SAFC's high-quality chemicals are underpinned by state-of-the-art technology and quality control, including:

- Heavy-metal testing in accordance with EU 88/388
- Naturalness testing in accordance with USA and European standards
- Customized testing available on request
- Strict confidentiality
- Efficient change control notification processes available for critical raw materials
- All the supporting documentation you need (many available online), including certificates of analysis, specifications and food certificates

SAFC's fully compliant global distribution network gives you on-time delivery and raw materials that meet all national and international regulations.

Worldwide certification

SAFC's dedicated compliance team monitors and anticipates evolving global regulatory needs to ensure your raw materials satisfy national and international safety and quality regulations.

Available documentation:

- Specification sheets
- MSDS statements
- Certificates of compliance
- Food-grade certificates
- Kosher certificates
- AIB, ISO 9001:2000 certificates
- GMO statements
- Natural certificates
- Halal certificates
- Allergen statements
- Additive statements

Customized services



Speak to SAFC about tailoring supply services to meet your most demanding research or manufacturing deadlines and budgets.

Sample services help you optimize your formulation

Design and improve flavor formulations with sample materials before committing to commercial-scale production. We offer small samples of every product to help you minimize risk when developing new flavors and fragrances.

Samples are:

- Listed as a separate stock-keeping unit for each product in the catalog
- Available for a nominal fee
- Provided on a lot-specific basis

Kits for cost-effective testing and exploration

Kits contain 24 products in 2–3 g bottles:

- **Heterocycles Kit**
Roasted, chocolate or meaty notes (ref: W600008)
- **Esters Kit**
Fruity, floral, mint or waxy notes (ref: W600024)
- **Beverage Study Kit**
Contains notes to detect poor or over-fermented processing (ref: W600016)

Packaging services: flexible and convenient

You can count on SAFC to deliver fit-for-purpose quantities in packaging designed to fulfill your needs. Ask us about customized packaging and returnable containers, including:

- Custom packaging in 18, 90, 200, 400, 800 or 1,000 L Acetaldehyde containers
- Kosher-certified stainless steel containers

Blending services: save manufacturing time and effort

Simplify your logistics and reduce costs by ordering pre-blended flavors and fragrances made to your precise proprietary specifications. SAFC can blend difficult materials, offers complete confidentiality, and tests both raw materials and end product to ensure you receive the highest quality.

General information

Open a SAFC® account

When you are ready to place your order, call our Order/Customer Service number and supply the SAFC service representative with your shipping and billing information. The SAFC service representative will ask you some questions about your general business, along with taking the products for your order. Our New Account department will then verify this information, as well as validate your intended use of our products. To further expedite the process, please have a credit card available, as prepayment is required on the initial order. For information regarding the appropriate uses of SAFC products, please review the following.

Use of products

SAFC products are intended primarily for laboratory research purposes and, unless otherwise stated on product labels, in SAFC's catalog, or in other literature furnished to Buyer, are not to be used for any other purposes, including but not limited to, *in vitro* diagnostic purposes, in foods, drugs, medical devices, or cosmetics for humans or animals, or for commercial purposes.

Buyer acknowledges that the products have not been tested by SAFC for safety and efficacy in food, drug, medical devices, cosmetic, commercial, or any other use, unless otherwise stated in SAFC literature furnished to Buyer. Buyer expressly represents and warrants to SAFC that Buyer will properly test, use, manufacture, and market any products purchased from SAFC and/or materials produced with products purchased from SAFC in accordance with the practices of a reasonable person who is an expert in the field and in strict compliance with all applicable laws and regulations, now and hereinafter enacted. Buyer further warrants to SAFC that any material produced with products from SAFC shall not be adulterated or misbranded within the meaning of the Federal Food, Drug and Cosmetic Act and shall not be materials which may not, under Sections 404, 505, or 512 of the Act, be introduced into interstate commerce.

Buyer realizes that, since SAFC's products are, unless otherwise stated, intended primarily for research purposes, they may not be on the Toxic Substances Control Act (TSCA) inventory. Buyer assumes responsibility to assure that the products purchased from SAFC are approved for use under TSCA, if applicable.

Buyer has the responsibility to verify the hazards and to conduct any further research necessary to learn the hazards involved in using products purchased from SAFC. Buyer also has the duty to warn Buyer's customers and any auxiliary personnel (such as freight handlers, etc.) of any risks involved in using or handling the products.

Buyer agrees to comply with instructions, if any, furnished by SAFC relating to the use of the products and not misuse the products in any manner. If the products purchased from SAFC are to be repackaged, relabeled or used as starting material or components of other products, Buyer will verify SAFC's assay of the products. No products purchased from SAFC shall, unless otherwise stated, be considered to be foods, drugs, medical devices, or cosmetics.

Purity

Quality is an essential criterion for every SAFC product. All chemicals listed are subjected to exacting testing in our Quality Control Laboratories for determination of purity. The purity and physical constants stated herein are typical values; they may vary slightly from batch to batch. Specifications and specific lot analyses are available to registered users on our website. Most high purity (>99.9%) elements and salts are provided with a data sheet giving an actual lot analysis showing ppm levels of metallic impurities. This forms the basis for the "nines" notation that we use to be consistent with purity designations in the industry. Variations in hydration or other factors may affect the gross assay of such products.

Pricing

Prices are subject to change and are inclusive of our electronic e-commerce ordering methods. Other ordering methods may incur additional service charges. Please visit safcglobal.com for current pricing. We guarantee our written quotations for 90 days. When placing your order, please reference our quoted prices or our pro forma number. If you place your order by phone, we will confirm our current pricing at that time.

Price changes

Shipment will be made promptly even if prices have been nominally increased. Any price reductions will be automatically applied to your invoice.

Warranties and disclaimers

SAFC warrants that its products shall conform to the description of such products as provided by SAFC through SAFC's catalog, analytical data, or other literature.

THIS WARRANTY IS EXCLUSIVE, AND SAFC MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE.

SAFC's warranties made in connection with any sale shall not be effective if SAFC has determined, in its sole discretion, that Buyer has misused the products in any manner, has failed to use the products in accordance with industry standards and practices, or has failed to use the products in accordance with instructions, if any, furnished by SAFC.

SAFC's sole and exclusive liability and Buyer's exclusive remedy with respect to products proved to SAFC's satisfaction to be defective or non-conforming shall be replacement of such products without charge or refund of the purchase price, at SAFC's sole discretion, upon the return of such products in accordance with SAFC's instructions. **SAFC SHALL NOT IN ANY EVENT BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGES OF ANY KIND RESULTING FROM ANY USE OR FAILURE OF THE PRODUCTS, EVEN IF SAFC HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE INCLUDING, WITHOUT LIMITATION, LIABILITY FOR LOSS OF USE, LOSS OF WORK IN PROGRESS, DOWN TIME, LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS, LOSS OF PRODUCTS OF BUYER OR OTHER USE OR ANY LIABILITY OF BUYER TO A THIRD PARTY ON ACCOUNT OF SUCH LOSS, OR FOR ANY LABOR OR ANY OTHER EXPENSE, DAMAGE OR LOSS OCCASIONED BY SUCH PRODUCT, INCLUDING PERSONAL INJURY OR PROPERTY DAMAGE, UNLESS SUCH PERSONAL INJURY OR PROPERTY DAMAGE IS CAUSED BY SAFC'S GROSS NEGLIGENCE.** All claims must be brought within one (1) year of shipment, regardless of their nature.

For more information about SAFC's terms and conditions of sale, you should review our invoices and packing slips, or you may obtain a copy of our terms and conditions by contacting our Customer Service Department.

Return policy

Our Customer Service department is available to assist you should a problem arise with your order. Please inspect your packages immediately upon receipt and notify us promptly of any damage or discrepancies. Should an item be shipped to you incorrectly as the result of an error on our part, we will take quick and appropriate action to correct the problem.

Prior to returning any items, please contact the Customer Service department to obtain a Return Material Authorization (RMA) and shipping instructions.

A return authorization will ensure the safe and proper handling of material and enable us to expedite a resolution. Items returned without prior authorization may not be accepted. Shipment of authorized returns should be made within 30 days of the issuance of the RMA.

We will do our best to fulfill requests to return material. However, in order to maintain the quality of our products and continue to provide competitive prices, certain items may not be returned for credit. These items include: diagnostic reagents, refrigerated or frozen products; reagents and standards which have passed their expiration dates; custom products or special orders; products missing labels, parts, or instruction manuals; and books, computer software and equipment removed from their original packaging. Returns accepted for items ordered in error may be subject to a 20% processing fee.

Wet ice/dry ice shipping information

Recommended long-term storage is indicated on the website as follows:

- 2-8 °C Refrigerator/cooler
- 20 °C Freezer
(implies -10 to -25 °C)
- 70 °C Ultracold freezer
(implies -60 to -100 °C)
- 196 °C Under liquid nitrogen

Not all items requiring long-term cold storage need to be shipped in ice. Shipping conditions may differ from our recommended storage temperatures. We will ship under conditions that ensure the quality of the product. We estimate the amount of dry or wet ice needed, but we cannot predict time lost in customs offices or in route. The customer is responsible for prompt customs clearance. To help prevent delays in customs, please include name and telephone or fax number of person to contact upon arrival.

Domestic shipping information

All orders are shipped FCA shipping point. Transportation charges will vary with the destination, weight, and content of each shipment. Special packaging, such as poison packs or metal over-pack cans, may be necessary for safe delivery of certain hazardous chemicals. All special packaging, administrative, and freight charges are available upon request at order entry and are indicated on our invoices.

We reserve the right to change a requested method of shipment if it does not comply with regulations or, in our judgment, will not deliver a product safely.

Any transportation and handling charges quoted or invoiced include charges in addition to actual freight costs. For collect shipments, please include your account number with your preferred carrier to ensure proper billing.

Back-ordered items are shipped and invoiced separately as they become available.

International shipping information

Numerous restrictions and regulations govern the international transport of chemical products. We strive to ship all orders without delay and to minimize delivery costs within these regulatory guidelines.

All orders prepared for shipment outside the contiguous USA are FCA shipping point. The volume of our international shipments results in very competitive rates from our freight forwarders. For orders shipped through our designated carriers, we pay the transportation and handling costs in advance. These costs are added to your invoice. You can choose other forwarders to handle your orders; however, such orders are delivered on a collect basis. Please note, we will only ship our products through an International Air Transport Association (IATA)-approved freight forwarder.

Hazardous items and items that require ice for shipment incur additional charges. They are commonly shipped via air freight. In general, hazardous materials cannot be included with wet or dry ice air freight shipments. Orders containing hazardous and wet or dry ice items will incur two separate air freight charges. Whenever possible, SAFC consolidates air freight to minimize shipping costs. In some instances, customs and other regulations may prevent us from doing this in your country.

Back-ordered items are shipped FCA shipping point when they become available, unless alternative instructions are provided when the original order is placed. To minimize freight costs, backorders can be consolidated with future shipments.

You can help us process your orders quickly and efficiently in a variety of ways:

- Include a contact name, telephone number, and fax number on your purchase order. If you use a broker or agent to clear your shipments through customs, include the broker's name, telephone number, and fax number as well.
- Consolidate your orders. Minimize the number of shipments by consolidating the products that require air freight shipment.
- Consolidate orders from different departments within your institution. We can bill individual departments separately, if necessary. Please instruct us accordingly when placing your order.
- Confirm your acceptance of air freight costs on your order.
- For collect shipments, include your account number with your designated carrier.
- Place orders through your nearest SAFC office.
- Submit orders once to avoid duplication. If you place orders by mail, fax, or email, it is unnecessary to send a confirmation copy. Our service representatives are happy to assist you with the status of your order.

Product documentation

As a manufacturer in the life science and high technology markets, we have the ability to provide you not only with quality products, but also the technical knowledge and support to back them up.

Product information documents

- Product Bulletins
- Use Instructions
- Application Notes
- Testing Methods

Product quality documents

- Current Product Specifications
- Lot-Specific Certificates of Analysis
- Lot-Specific Certificates of Origin

Material Safety Data Sheets (MSDS)

- Available in U.S. and E.U. compliant formats, in 14 languages
- Our MSDS clearly defines each product by stating its composition, identifying any hazardous properties, and outlining first-aid treatment in case of accidental contact.

Visit safcglobal.com/safety

Products



- More than 1,600 aroma raw materials (new products added monthly)
- More than 350 food-grade certified products
- 1,100 Kosher Parve-certified products
- 525 Halal-certified products
- More than 400 Food Chemicals Codex listings
- 250 naturals
- 170 essential oils

Abl

ABL, see Lauric acid Page 74

Acetal

Acetaldehyde diethyl acetal; 1,1-Diethoxyethane
[105-57-7] FEMA 2002 Flavis 6.001 CoE Nr 35
CH3CH(OCH2CH3)2 C₆H₁₄O₂ FW 118.17
Organoleptic: honey; floral; green; tart
Arc. 6; Fen. 2

► natural

Halal, Kosher

[W200220-SAMPLE-K](#)

[W200220-100G-K](#) 100 g

[W200220-1KG-K](#) 1 kg

[W200220-4KG-K](#) 4 kg

[W200220-5KG-K](#) 5 kg

► ≥98%, FG

Halal, NI

[W200204-SAMPLE](#)

[W200204-1KG](#) 1 kg

[W200204-4KG](#) 4 kg

[W200204-8KG](#) 8 kg

[W200204-20KG](#) 20 kg

Acetaldehyde

Ethanal
[75-07-0] FEMA 2003 Flavis 5.001 CoE Nr 89
CH3CHO C₂H₄O FW 44.05
Arc. 3; Fen. 3

► natural, ≥99%, FCC, FG

Halal, Kosher

Organoleptic: ethereal; coffee; wine-like
May form a small amount of trimer

[W200336-SAMPLE-K](#)

[W200336-400G-K](#) 400 g

[W200336-1.9KG-K](#) 1.9 kg

[W200336-12KG-K](#) 12 kg

► ≥99%, FCC

Kosher

[W200360-771KG-K](#) 771 kg

[W200360-30LB-K](#) 30 lb

[W200360-350LB-K](#) 350 lb

[W200360-700LB-K](#) 700 lb

► ≥99%, FCC

Organoleptic: ethereal; coffee; wine-like
Kosher

[W200301-SAMPLE-K](#)

[W200301-1.9KG-K](#) 1.9 kg

[W200301-2KG-K](#) 2 kg

[W200301-12KG-K](#) 12 kg

[W200301-19.5KG-K](#) 19.5 kg

Acetaldehyde solution

[75-07-0] FEMA 2003 Flavis 5.001 CH3CHO
C₂H₄O FW 44.05

► 35 wt. % in H₂O

[W200379-1KG](#) 1 kg

► 40 wt. % in isopropanol

[W200387-1KG](#) 1 kg

► natural, 50 wt. % ethanol

[W200344-SAMPLE](#)

[W200344-2KG](#) 2 kg

[W200344-12KG](#) 12 kg

► 50 wt. % in ethanol

Organoleptic: ethereal

Kosher

[W200328-SAMPLE-K](#)

[W200328-12KG-K](#) 12 kg

[W200328-22KG-K](#) 22 kg

[W200328-30KG-K](#) 30 kg

Acetaldehyde diethyl acetal, see Acetal Page 8
Acetaldehyde dimethyl acetal, see 1,1-Dimethoxyethane
Page 36

Acetaldehyde phenethyl propyl acetal

[7493-57-4] CH3CH(OCH2CH2C6H5)OCH2CH2CH3
C₁₃H₂₀O₂ FW 208.30

Arc. 12; Fen. 6

► ≥95%

FEMA 2004 Flavis 6.016 CoE Nr 511

Organoleptic: leafy; herbaceous; green; ethereal
contains 0.2% BHT as stabilizer

[W200409-SAMPLE](#)

[W200409-100G](#) 100 g

[W200409-1KG](#) 1 kg

[W200409-5KG](#) 5 kg

Acetanisole

4-Acetylanisole; 4'-Methoxyacetophenone
[100-06-1] CH3OC6H4COCH3 C₉H₁₀O₂ FW 150.17

Arc. 13; Fen. 7

► ≥98%, FCC, FG

FEMA 2005 Flavis 7.038 CoE Nr 570

Organoleptic: butter; caramel; nutty; fruity; sweet;
vanilla

Halal, Kosher, NI

[W200506-SAMPLE-K](#)

[W200506-1KG-K](#) 1 kg

[W200506-5KG-K](#) 5 kg

[W200506-25KG-K](#) 25 kg

Acetate C-9, see Nonyl acetate Page 99

Acetic acid

Glacial acetic acid

[64-19-7] FEMA 2006 Flavis 8.002 CoE Nr 0002
CH3CO2H C₂H₄O₂ FW 60.05

► natural, ≥99.5%, FG

Halal, Kosher

Arc. 16; Fen. 8

[W200603-SAMPLE-K](#)

[W200603-1KG-K](#) 1 kg

[W200603-5KG-K](#) 5 kg

[W200603-10KG-K](#) 10 kg

[W200603-25KG-K](#) 25 kg

► FCC, FG

Halal, Kosher, NI

Arc. 16; Fen. 6

[W200611-SAMPLE-K](#)

[W200611-1KG-K](#) 1 kg

[W200611-10KG-K](#) 10 kg

[W200611-25KG-K](#) 25 kg

Acetic acid benzyl ester, see Benzyl acetate Page 17
Acetic acid 3-methylbutyl ester, see Isoamyl acetate
Page 67
Acetic acid octyl ester, see Octyl acetate Page 102

Acetoacetanilide

[102-01-2] CH3COCH2CONHC6H5 C₁₀H₁₁NO₂
FW 177.20

► ≥98%

[W517607-SAMPLE](#)

[W517607-1KG](#) 1 kg

[W517607-5KG](#) 5 kg

[W517607-10KG](#) 10 kg

Acetoacetic ester, see Ethyl acetoacetate Page 42
Acetol, see Hydroxycetone Page 65
2-Acetonaphthone, see Methyl β-naphthyl ketone
Page 89

Acetone

[67-64-1] FEMA 3326 Flavis 7.05 CoE Nr 737
CH3COCH3 C₃H₆O FW 58.08

Organoleptic: apple; ethereal

Arc. 18; Fen. 13

► ≥99%, FCC

NI

[W332607-SAMPLE](#)

[W332607-1KG](#) 1 kg

[W332607-8KG](#) 8 kg

[W332607-20KG](#) 20 kg

► natural, ≥97%

[W332615-SAMPLE](#)

[W332615-100G](#) 100 g

[W332615-1KG](#) 1 kg

[W332615-4KG](#) 4 kg

Acetophenone

Methyl phenyl ketone

[98-86-2] CH3COC6H5 C₈H₈O FW 120.15

Arc. 24; Fen. 15

► ≥98%, FCC

FEMA 2009 Flavis 7.004 CoE Nr 138

Organoleptic: almond; hawthorne; sweet; floral

Halal, Kosher, NI

[W200905-SAMPLE-K](#)

[W200905-1KG-K](#) 1 kg

[W200905-10KG-K](#) 10 kg

[W200905-25KG-K](#) 25 kg

Acetovanillone

Apocynin; 4'-Hydroxy-3'-methoxyacetophenone
[498-02-2] HOCH3(OCH3)COCH3 C₉H₁₀O₃

FW 166.17

Arc. 28

► ≥98%

Flavis 7.142

Organoleptic: vanilla

NI

[W508454-SAMPLE](#)

[W508454-100G](#) 100 g

[W508454-1KG](#) 1 kg

[W508454-10KG](#) 10 kg

[W508454-25KG](#) 25 kg

4-Acetoxy-2,5-dimethyl-3(2H)furanone

Strawberry acetate
[4166-20-5] FEMa 3797 Flavis 13.099 C ₈ H ₁₀ O ₄
FW 170.16
► ≥85%, FG
Halal, Kosher
4-hydroxy-2,5-dimethyl-3(2H)-furanone 3.0%
W379700-SAMPLE-K
W379700-100G-K 100 g
W379700-1KG-K 1 kg
W379700-5KG-K 5 kg
W379700-25KG-K 25 kg

► natural (US), ≥90%, FG

Kosher

Organoleptic: berry; sweet; fruity

[W379715-100G-K](#)[W379715-500G-K](#)[W379715-SAMPLE-K](#)

☒ 3-Acetoxy octene, see 1-Octen-3-yl acetate Page 101

4-(p-Acetoxyphenyl)-2-butanone

► ≥96%

FEMa 3652 Flavis 9.288

Organoleptic: berry

Kosher

[W365203-SAMPLE-K](#)

W365203-100G-K 100 g

W365203-1KG-K 1 kg

W365203-5KG-K 5 kg

☒ 2-Acetylaniiline, see 2'-Aminoacetophenone Page 12
2-Acetylansole, see 2'-Methoxyacetophenone Page 79
4-Acetylansole, see Acetanisole Page 8
Acetyl benzoyl, see 1-Phenyl-1,2-propanedione Page 109
Acetyl butyryl, see 2,3-Hexanedione Page 60**3-Acetyl-2,5-dimethylfuran**[10599-70-9] C₈H₁₀O₂ FW 138.16
Fen. 20

► ≥99%, FCC

FEMa 3391 Flavis 13.066 CoE Nr 10921

Organoleptic: meaty; nutty

Kosher

[W339105-SAMPLE-K](#)

W339105-100G-K 100 g

W339105-250G-K 250 g

W339105-1KG-K 1 kg

2-Acetyl-3,5(6)-dimethylpyrazine, mixture of isomers[54300-08-2] C₈H₁₀N₂O FW 150.18
Fen. 20

► ≥98%

FEMa 3327 Flavis 14.055 CoE Nr 11294

Organoleptic: caramel; hazelnut

Halal, Kosher, NI

[W332704-SAMPLE-K](#)

W332704-25G-K 25 g

W332704-100G-K 100 g

W332704-1KG-K 1 kg

3-Acetyl-2,5-dimethylthiophene[2530-10-1] C₈H₁₀OS FW 154.23

► ≥99%

FEMa 3527 Flavis 15.024 CoE Nr 11603

Organoleptic: meaty

Halal, Kosher

[W352705-SAMPLE-K](#)

W352705-25G-K 25 g

W352705-100G-K 100 g

W352705-1KG-K 1 kg

2-Acetyl-3-ethylpyrazine[32974-92-8] C₈H₁₀N₂O FW 150.18

Fen. 22

► 98%, FG

FEMa 3250 Flavis 14.049 CoE Nr 11293

Organoleptic: oily; nutty; meaty; vegetable

Halal, Kosher, NI

[W325007-SAMPLE-K](#)

W325007-25G-K 25 g

W325007-100G-K 100 g

W325007-1KG-K 1 kg

☒ Acetylformaldehyde, see Pyruvaldehyde solution Page 116

2-Acetyl furan, see 2-Furyl methyl ketone Page 54

O-Acetylguaiacol, see 2-Methoxyphenyl acetate Page 80

6-Acetyl-1,1,2,4,4,7-hexamethyltetralin

► ≥98%

[W526401-SAMPLE](#)

W526401-1KG 1 kg

W526401-5KG 5 kg

W526401-10KG 10 kg

2-Acetyl-5-methylfuran[1193-79-9] C₇H₈O₂ FW 124.14

► ≥98%

FEMa 3609 Flavis 13.083 CoE Nr 11038

Organoleptic: nutty

Halal, Kosher, NI

[W360902-SAMPLE-K](#)

W360902-25G-K 25 g

W360902-100G-K 100 g

W360902-1KG-K 1 kg

2-Acetyl-3-methylpyrazine[23787-80-6] C₇H₈N₂O FW 136.15

► ≥98%, FG

FEMa 3964 Flavis 14.082

Halal, Kosher

[W396400-SAMPLE-K](#)

W396400-25G-K 25 g

W396400-100G-K 100 g

W396400-250G-K 250 g

W396400-1KG-K 1 kg

2-Acetyl-1-methylpyrrole[932-16-1] C₇H₉NO FW 123.15

Fen. 468

► ≥98%

FEMa 3184 Flavis 14.046 CoE Nr 11373

Kosher, NI

[W318418-SAMPLE-K](#)

W318418-25G-K 25 g

W318418-100G-K 100 g

W318418-1KG-K 1 kg

2-Acetylpyrazine

Acetylpyrazine

[22047-25-2] C₆H₆N₂O FW 122.12

► ≥99%, FCC, FG

FEMa 3126 Flavis 14.032 CoE Nr 2286

Organoleptic: chocolate; nutty; vegetable

Halal, Kosher, NI

Fen. 14

[W312606-SAMPLE-K](#)

W312606-100G-K 100 g

W312606-250G-K 250 g

W312606-1KG-K 1 kg

W312606-5KG-K 5 kg

2-Acetylpyridine

Methyl 2-pyridyl ketone

[1122-62-9] C₇H₇NO FW 121.14

Fen. 15

► ≥99%, FG

FEMa 3251 Flavis 14.038 CoE Nr 2315

Organoleptic: oily

Halal, Kosher, NI

[W325104-SAMPLE-K](#)

W325104-100G-K 100 g

W325104-1KG-K 1 kg

W325104-5KG-K 5 kg

W325104-10KG-K 10 kg

W325104-25KG-K 25 kg

3-Acetylpyridine

Methyl 3-pyridyl ketone

[350-03-8] C₇H₇NO FW 121.14

Arc. 46; Fen. 15

► ≥98%, FG

FEMa 3424 Flavis 14.039 CoE Nr 2316

Organoleptic: nutty; sweet

Halal, Kosher, NI

[W342408-SAMPLE-K](#)

W342408-100G-K 100 g

W342408-1KG-K 1 kg

W342408-5KG-K 5 kg

W342408-10KG-K 10 kg

W342408-25KG-K 25 kg

☒ 2-Acetylpyrrole, see Methyl 2-pyrrolyl ketone Page 93

Acetylthiazole

2-Acetylthiazole

[24295-03-2] C₅H₅NOS FW 127.16
Fen. 16
 ▶ ≥99%, FG
 FEMA 3328 Flavis 15.02 CoE Nr 4041
Organoleptic: chocolate; hazelnut; fruity; meaty
 Halal, Kosher, NI

W332801-SAMPLE-K

W332801-100G-K	100 g
W332801-1KG-K	1 kg
W332801-5KG-K	5 kg

2-Acetyl-2-thiazoline

(NEW)

[29926-41-8] C₅H₇NOS FW 129.18
 ▶ ≥96%
 FEMA 3817 Flavis 15.01
 W381718-SAMPLE
 W381718-5G 5 g
 W381718-100G 100 g
 W381718-500G 500 g

☒ 3-(Acetylthio)-2-methylfuran, see 2-Methyl-3-furanthiol acetate Page 86

2-Acetylthiophene

Methyl-2-thienyl ketone
[88-15-3] C₆H₆OS FW 126.18
 ▶ ≥98%
 Flavis 15.04
 Kosher, NI
 W503509-SAMPLE-K
 W503509-250G-K 250 g
 W503509-1KG-K 1 kg
 W503509-5KG-K 5 kg

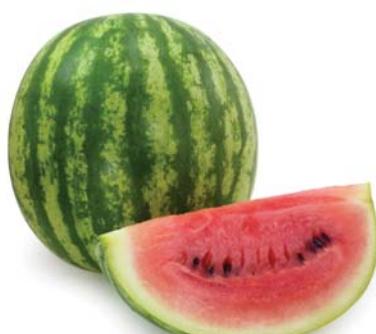
☒ 2-Acetyltoluene, see 2'-Methylacetophenone Page 81
 Acetyl tributyl citrate, see Tributyl 2-acetylcitrate Page 125
 Acetyl valeryl, see 2,3-Heptanedione Page 57
 Acid C-11, see Undecanoic acid Page 127

Acid Red 73

(NEW)

Crocein Scarlet MOO; 7-Hydroxy-8-(4-phenylazo-phenylazo)-1,3-naphthalenedisulfonic acid disodium salt; Brilliant crocein scarlet MOO; Acid Red 73; Brilliant Crocein MOO
[5413-75-2] C₂₂H₁₄N₄Na₂O₇S₂ FW 556.48

▶ analytical standard, for food analysis
≥97.0% (HPLC)
49823-25MG 25 mg



☒ Acid Red 26, see Ponceau Xylidine Page 112

Acrylamide-d₃ Standard solution

[122775-19-3]
▶ ~500 mg/L in acetonitrile, analytical standard, for food analysis

72834-5ML-F 5 mL

☒ Acrylic acid ethyl ester, see Ethyl acrylate Page 42

Adipic acid

Hexanedioic acid
[124-04-9] HOOC(CH₂)₄COOH C₆H₁₀O₄ FW 146.14
Arc. 54; *Fen.* 36

▶ ≥99.6%, FCC

FEMA 2011 Flavis 8.026 CoE Nr 26
NI

W201103-SAMPLE

W201103-1KG	1 kg
W201103-5KG	5 kg
W201103-10KG	10 kg

☒ Adipic acid di(2-ethylhexyl) ester, see Bis(2-ethylhexyl) adipate Page 19

Agar

Gum agar; Agar-agar

[9002-18-0] (C₁₂H₁₈O₉)_n

▶ FCC

FEMA 2012

W201201-100G	100 g
W201201-1KG	1 kg
W201201-5KG	5 kg

☒ Agar-agar, see Agar Page 10
 Agathosma betulina, see Buchu leaf oil, Betulina Page 20
 Agathosma crenulata, see Buchu leaf oil, Crenulata Page 20
 AITC, see Allyl isothiocyanate Page 11
 β-Ala, see β-Alanine Page 10

L-Alanine

(S)-2-Aminopropionic acid; L-α-Aminopropionic acid
[56-41-7] C₃H₇NO₂ FW 89.09

▶ ≥99%

FEMA 3818 Flavis 17.002

W381829-SAMPLE

W381829-100G	100 g
W381829-1KG	1 kg

D,L-Alanine

(±)-2-Aminopropionic acid
[302-72-7] CH₃CH(NH₂)COOH C₃H₇NO₂ FW 89.09

▶ ≥99%, FCC

FEMA 3818 Flavis 17.024

Kosher

W381810-SAMPLE-K

W381810-1KG-K	1 kg
W381810-5KG-K	5 kg
W381810-10KG-K	10 kg

β-Alanine

β-Ala; 3-Aminopropionic acid

[107-95-9] NH₂CH₂CH₂COOH C₃H₇NO₂ FW 89.09
Fen. 17

▶ ≥98%

FEMA 3252 Flavis 17.001
Organoleptic: fruity; sweet
NI

W325201-SAMPLE

W325201-1KG	1 kg
W325201-5KG	5 kg
W325201-10KG	10 kg

☒ C₅ alcohol, see Amyl alcohol Page 13
 Alcohol C-6, see Hexyl alcohol Page 63
 Hexyl alcohol Page 63
 C-7 alcohol, see Heptyl alcohol Page 58
 Alcohol C₈, see 1-Octanol Page 100
 Alcohol C₉, see Nonyl alcohol Page 99
 Alcohol C₁₀, see 1-Decanol Page 33
 Alcohol C₁₁, see Undecyl alcohol Page 128
 Alcohol C₁₂, see Lauryl alcohol Page 74
 Alcohol C-16, see 1-Hexadecanol Page 59
 Aldehyde C-3, see Propionaldehyde Page 113
 Aldehyde C₇, see Heptanal Page 57
 Aldehyde C₈, see Octanal Page 100
 Aldehyde C₉, see Nonanal Page 98
 Aldehyde C-10, see Decanal Page 33
 Aldehyde C₁₂, see Lauric aldehyde Page 74
 Aldehyde C₁₄, see γ-Undecalactone Page 127
 Aldehyde C-16, see Ethyl 3-methyl-3-phenylglycidate Page 48
 Aldehyde C-18, see γ-Nonalactone Page 98
 Algin, see Sodium alginate Page 118
 Alginic acid sodium salt from brown algae, see Sodium alginate Page 118
 Alspice, see Pimenta berry oil Page 111
 Pimenta berry oil Page 111
 Pimenta leaf oil Page 111
 Allylactic acid, see 4-Pentenoic acid Page 105
 Allylactic acid methyl ester, see Methyl 4-pentenoate Page 91

4-Allylanisole

Chavicol methyl ether; Estragole

[140-67-0] H₂C=CHCH₂C₆H₄OCH₃ C₁₀H₁₂O FW 148.20

Arc. 1131; *Fen.* 530

▶ ≥98%, FCC

FEMA 2411 CoE Nr 184

Organoleptic: alcohol; herbaceous; minty; green; sweet; vanilla
Kosher, NI

W241105-SAMPLE-K

W241105-1KG-K	1 kg
W241105-5KG-K	5 kg
W241105-10KG-K	10 kg

Allyl anthranilate

[7493-63-2] C₁₀H₁₁NO₂ FW 177.20

▶ ≥98%

FEMA 2020 Flavis 9.719 CoE Nr 254
Kosher
contains 0.10% alpha-tocopherol, synthetic as antioxidant
Fen. 40

W202002-SAMPLE-K

W202002-100G-K	100 g
W202002-1KG-K	1 kg
W202002-5KG-K	5 kg

Allyl butyrate

[2051-78-7] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{CH}_2$ $\text{C}_7\text{H}_{12}\text{O}_2$
FW 128.17

Arc. 67; Fen. 41

► ≥98%

FEMA 2021 Flavis 9.054 CoE Nr 280

Organoleptic: apricot; peach

Kosher

[W202118-SAMPLE-K](#)

[W202118-1KG-K](#)

1 kg

[W202118-4KG-K](#)

4 kg

[W202118-9KG-K](#)

9 kg

☒ Allyl caproate, see Allyl hexanoate Page 11
Allyl caprylate, see Allyl octanoate Page 11

Allyl cinnamate

Allyl 3-phenylacrylate

[1866-31-5] $\text{C}_6\text{H}_5\text{CH}=\text{CHCO}_2\text{CH}_2\text{CH}=\text{CH}_2$
 $\text{C}_{12}\text{H}_{12}\text{O}_2$ FW 188.22

Arc. 72; Fen. 42

► ≥99%

FEMA 2022 Flavis 9.741 CoE Nr 334

Organoleptic: balsam; peach

[W202207-SAMPLE](#)

[W202207-100G](#)

100 g

[W202207-1KG](#)

1 kg

[W202207-5KG](#)

5 kg

Allyl cyclohexanepropionate

[2705-87-5] $\text{C}_6\text{H}_{11}\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{CH}_2$
 $\text{C}_{12}\text{H}_{20}\text{O}_2$ FW 196.29

Arc. 77; Fen. 45

► ≥98%, FCC, FG

FEMA 2026 Flavis 9.498 CoE Nr 2223

Organoleptic: waxy; pineapple; sweet; sweet
Halal, Kosher

[W202606-SAMPLE-K](#)

[W202606-1KG-K](#)

1 kg

[W202606-5KG-K](#)

5 kg

[W202606-10KG-K](#)

10 kg

☒ 4-Allyl-1,2-dimethoxybenzene, see Methyl eugenol
Page 86

4-Allyl-2,6-dimethoxyphenol

[6627-88-9] $\text{H}_2\text{C}=\text{CHCH}_2\text{C}_6\text{H}_2(\text{OCH}_3)_2\text{OH}$ $\text{C}_{11}\text{H}_{14}\text{O}_3$
FW 194.23

► ≥90%

FEMA 3655 Flavis 4.051 CoE Nr 11214

Organoleptic: meaty

NI

[W365505-SAMPLE](#)

[W365505-25G](#)

25 g

[W365505-100G](#)

100 g

[W365505-1KG](#)

1 kg

Allyl disulfide

Diallyl disulfide

[2179-57-9] $\text{CH}_2=\text{CHCH}_2\text{SSCH}_2\text{CH}=\text{CH}_2$ $\text{C}_6\text{H}_{10}\text{S}_2$
FW 146.27

Arc. 874; Fen. 47

► ≥80%

FEMA 2028 Flavis 12.008 CoE Nr 485

Organoleptic: green; alliaceous (onion, garlic)
Halal, Kosher, NI

[W202800-SAMPLE-K](#)

[W202800-100G-K](#)

100 g

[W202800-1KG-K](#)

1 kg

[W202800-5KG-K](#)

5 kg

► natural, ≥98%, FCC

Organoleptic: pineapple; sweet

[W203211-SAMPLE-K](#)

[W203211-25G-K](#)

25 g

[W203211-100G-K](#)

100 g

[W203211-1KG-K](#)

1 kg

[W203211-4KG-K](#)

4 kg

Allyl-a-ionone

[79-78-7] $\text{C}_{16}\text{H}_{24}\text{O}$ FW 232.36

Arc. 86; Fen. 52

► ≥65%

FEMA 2033 Flavis 7.061 CoE Nr 2040

Organoleptic: floral; spicy; fruity; meaty; woody
Halal, Kosher

allyl β-ionone: 13%

[W203300-SAMPLE-K](#)

[W203300-100G-K](#)

100 g

[W203300-1KG-K](#)

1 kg

[W203300-5KG-K](#)

5 kg

Allyl isothiocyanate

Oil of mustard; AITC

[57-06-7] $\text{CH}_2=\text{CHCH}_2\text{NCS}$ $\text{C}_4\text{H}_5\text{NS}$ FW 99.15

Arc. 98; Fen. 52

► ≥93%, FCC, FG

FEMA 2034 Flavis 12.025 CoE Nr 2110

Halal, Kosher, NI

available only in USA

[W203408-SAMPLE-K](#)

[W203408-500G-K](#)

500 g

[W203408-1KG-K](#)

1 kg

[W203408-5KG-K](#)

5 kg

[W203408-10KG-K](#)

10 kg

Allyl isovalerate

[2835-39-4] $(\text{CH}_3)_2\text{CHCH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{CH}_2$

$\text{C}_8\text{H}_{14}\text{O}_2$ FW 142.20

Arc. 102; Fen. 53

► ≥98%, FCC

FEMA 2045 Flavis 9.489 CoE Nr 2098

Organoleptic: apple; cherry; wine-like; fruity

Kosher

[W204501-SAMPLE-K](#)

[W204501-1KG-K](#)

1 kg

[W204501-4KG-K](#)

4 kg

[W204501-9KG-K](#)

9 kg

☒ 4-Allyl-2-methoxyphenol, see Eugenol Page 51

Allyl octanoate

Allyl caprylate

[4230-97-1] $\text{CH}_3(\text{CH}_2)_6\text{CO}_2\text{CH}_2\text{CH}=\text{CH}_2$ $\text{C}_{11}\text{H}_{20}\text{O}_2$

FW 184.28

Arc. 71; Fen. 57

► ≥99%

FEMA 2037 Flavis 9.119 CoE Nr 400

Organoleptic: banana; butter; fatty; pineapple

Kosher

[W203718-SAMPLE-K](#)

[W203718-1KG-K](#)

1 kg

[W203718-9KG-K](#)

9 kg

[W203718-20KG-K](#)

20 kg

Allylphenoxyace

Allyl phenoxyacetate

[7493-74-5] C₆H₅OCH₂CO₂CH₂CH=CH₂ C₁₁H₁₂O₃
FW 192.21

Arc. 91; Fen. 58

► ≥99%

FEMA 2038 Flavis 9.701 CoE Nr 228

Organoleptic: honey; pineapple; sweet
Kosher

W203807-SAMPLE-K

W203807-1KG-K

1 kg

W203807-5KG-K

5 kg

W203807-10KG-K

10 kg

Allyl phenylacetate

[1797-74-6] C₆H₅CH₂CO₂CH₂CH=CH₂ C₁₁H₁₂O₂
FW 176.21

Arc. 92; Fen. 59

► ≥99%

FEMA 2039 Flavis 9.79 CoE Nr 2162

Organoleptic: honey; sweet

W203904-SAMPLE

W203904-100G

100 g

W203904-1KG

1 kg

W203904-5KG

5 kg

☒ Allyl 3-phenylacrylate, see Allyl cinnamate Page 11

Allyl propionate

[2408-20-0] C₆H₅CO₂CH₂CH=CH₂ C₆H₁₀O₂
FW 114.14

Fen. 60

► ≥99%

FEMA 2040 Flavis 9.233 CoE Nr 2094

Organoleptic: apple; apricot; ethereal

Kosher

Arc. 93

W204005-SAMPLE-K

W204005-1KG-K

1 kg

W204005-4KG-K

4 kg

W204005-9KG-K

9 kg

Allyl sulfide

Diallyl sulfide

[592-88-1] (CH₂=CHCH₂)₂S C₆H₁₀S FW 114.21
Arc. 876; Fen. 61

► ≥97%, FG

FEMA 2042 Flavis 12.088 CoE Nr 2174

Organoleptic: horseradish; green; alliaceous (onion, garlic)

Halal, Kosher, NI

W204218-SAMPLE-K

W204218-100G-K

100 g

W204218-1KG-K

1 kg

W204218-4KG-K

4 kg

S-Allyl thiopropionate

[41820-22-8] C₂H₅COSCH₂CH=CH₂ C₆H₁₀OS
FW 130.21

Fen. 62

► ≥95%

FEMA 3329 Flavis 12.101 CoE Nr 11436

Organoleptic: coffee; sweet; alliaceous (onion, garlic)

W332909-SAMPLE

W332909-25G

25 g

W332909-100G

100 g

W332909-1KG

1 kg

Allyl tiglate

[7493-71-2] CH₃CH=C(CH₃)CO₂CH₂CH=CH₂
C₈H₁₂O₂ FW 140.18

Arc. 99; Fen. 63

► ≥97%

FEMA 2043 Flavis 9.493 CoE Nr 2183

Organoleptic: berry; jam; green

W204307-SAMPLE

W204307-100G

100 g

W204307-1KG

1 kg

W204307-5KG

5 kg

☒ Almond oil from *Prunus dulcis*, see Almond oil, sweet Page 12

Almond oil, bitter

NEW

[8013-76-1]

► FG, natural

FEMA 2046

from *Prunus armeniaca*

Kosher

Organoleptic: almond

W204600-SAMPLE-K

W204600-100G-K

100 g

W204600-500G-K

500 g

Almond oil, sweet

NEW

Almond oil from *Prunus dulcis*; Almond oil, sweet [8007-69-0]

► Certified organic (NOP/EU)

Kosher

Kenya origin

W530119-SAMPLE-K

W530119-1KG-K

1 kg

Ambrette seed absolute

[8015-62-1]

FEMA 2050 CoE Nr 228n

from *Hibiscus abelmoschus*

Kosher

Organoleptic: musty; floral; wine-like

France origin

W205001-SAMPLE-K

W205001-25G-K

25 g

W205001-100G-K

100 g

W205001-1KG-K

1 kg

(-)-Ambroxide

1,5,9-Tetramethyl-13-oxatricyclo[8.3.0.0^{4,9}]tridecane

[6790-58-5] C₁₆H₂₈O FW 236.39

Arc. 1391

► ≥99%

FEMA 3471

Organoleptic: floral

NI

W347108-SAMPLE

W347108-25G

25 g

W347108-100G

100 g

W347108-1KG

1 kg

☒ Aminoacetic acid, see Glycine Page 56

2'-Aminoacetophenone

2-Acetylalanine

[551-93-9] H₂NCE₄COCH₃ C₈H₉NO FW 135.16

► ≥98%

FEMA 3906 Flavis 11.008

Halal, Kosher

W390607-SAMPLE-K

W390607-100G-K

100 g

W390607-1KG-K

1 kg

W390607-5KG-K

5 kg

☒ 1-Aminobutane, see Butylamine Page 21

(±)-2-Aminobutane, see (±)-sec-Butylamine Page 21

Aminoethane, see Ethylamine solution Page 42

2-Aminoethanesulfonic acid, see Taurine Page 121

4-(2-Aminoethyl)phenol, see Tyramine Page 127

(S)-2-Amino-5-guanidinopentanoic acid, see L-Arginine Page 15

(S)-2-Amino-3-(4-hydroxyphenyl)propionic acid, see L-Tyrosine Page 127

(S)-α-Aminoisovaleric acid, see L-Valine Page 128

(±)-α-Aminoisovaleric acid, see DL-Valine Page 129

(R)-2-Amino-3-mercaptopropionic acid, see L-Cysteine Page 32

1-Amino-3-methylbutane, see Isopentylamine Page 71

L-2-Amino-3-methylbutanoic acid, see L-Valine Page 128

D,L-2-Amino-3-methylbutanoic acid, see DL-Valine Page 128

(±)-2-Amino-4-(methylmercapto)butyric acid, see DL-Methionine Page 79

D,L-2-Amino-3-methylpentanoic acid, see DL-Isoleucine Page 71

(2S,3S)-2-Amino-3-methylpentanoic acid, see L-Isoleucine Page 71

(S)-2-Amino-4-methylpentanoic acid, see L-Leucine Page 75

1-Amino-2-methylpropane, see Isobutylamine Page 69

D,L-2-Amino-4-(methylthio)butanoic acid, see DL-Methionine Page 79

1-Aminopentane, see Amylamine Page 13

(S)-2-Aminopentanedioic acid, see L-Glutamic acid Page 56

(S)-2-Amino-3-phenylpropionic acid, see L-Phenylalanine Page 108

(±)-2-Amino-3-phenylpropionic acid, see DL-Phenylalanine Page 108

1-Aminopropane, see Propylamine Page 113

DL-1-Amino-2-propanol

(±)-1-Amino-2-propanol; (±)-Isopropanolamine [78-96-6] CH₃CH(OH)CH₂NH₂ C₃H₉NO FW 75.11

► ≥90%

FEMA 3965

2-amino-1-propanol <10%

W396508-SAMPLE

W396508-1KG

1 kg

W396508-10KG

10 kg

W396508-25KG

25 kg

☒ (±)-1-Amino-2-propanol, see DL-1-Amino-2-propanol
Page 12
L-α-Aminopropionic acid, see L-Alanine Page 10
(S)-2-Aminopropionic acid, see L-Alanine Page 10
(±)-2-Aminopropionic acid, see α-L-Alanine Page 10
3-Aminopropionic acid, see β-Alanine Page 10
(S)-(+)-Aminosuccinic acid, see L-Aspartic acid Page 15

Ammonium sulfide solution NEW

[12135-76-1] $(\text{NH}_4)_2\text{S}$ $\text{H}_8\text{N}_2\text{S}$ FW 68.14
Arc. 117; Fen. 74

► 20 wt. % in H₂O

FEMA 2053 Flavis 16.002 CoE Nr 482

Organoleptic: sulfurous

Halal, Kosher

[W205303-SAMPLE-K](#)

[W205303-1KG-K](#)

1 kg

[W205303-5KG-K](#)

5 kg

[W205303-25KG-K](#)

25 kg

Amyl acetate

Pentyl acetate

[628-63-7] $\text{CH}_3\text{COO}(\text{CH}_2)_4\text{CH}_3$ $\text{C}_7\text{H}_{14}\text{O}_2$ FW 130.18

Banana essence. Used as test odorant in studies of olfactory function and in studies of the psychosocial effects of odor.

► ≥99%

Flavis 9.021 CoE Nr 211

Organoleptic: banana; ethereal; earthy

NI

[W504009-SAMPLE](#)

[W504009-500G](#)

500 g

[W504009-1KG](#)

1 kg

[W504009-4KG](#)

4 kg

[W504009-8KG](#)

8 kg

[W504009-20KG](#)

20 kg

Amyl alcohol

n-Amyl alcohol; Pentyl alcohol; 1-Pentanol

[71-41-0] $\text{CH}_3(\text{CH}_2)_4\text{OH}$ $\text{C}_5\text{H}_{12}\text{O}$ FW 88.15

Arc. 125; Fen. 75

► ≥99%

FEMA 2056 Flavis 2.04 CoE Nr 514

Organoleptic: sweet; vanilla

NI

[W205605-SAMPLE](#)

[W205605-1KG](#)

1 kg

[W205605-4KG](#)

4 kg

[W205605-8KG](#)

8 kg

[W205605-20KG](#)

20 kg

☒ n-Amyl alcohol, see Amyl alcohol Page 13

Amylamine

Pentylamine; 1-Aminopentane; n-Amylamine

[110-58-7] $\text{CH}_3(\text{CH}_2)_4\text{NH}_2$ $\text{C}_5\text{H}_{13}\text{N}$ FW 87.16

► ≥99.0%

FEMA 4242 Flavis 11.021

[W424201-SAMPLE](#)

[W424201-100G](#)

100 g

[W424201-1KG](#)

1 kg

☒ n-Amylamine, see Amylamine Page 13

Amyl butyrate

[540-18-1] $\text{C}_9\text{H}_{18}\text{O}_2$ FW 158.24

Arc. 136; Fen. 76

► mixture of isomers, ≥98%, FG

FEMA 2059 Flavis 9.044 CoE Nr 270

Organoleptic: banana; cherry; pineapple

Halal, Kosher, NI

Arc. 136; Fen. 76

[W205915-SAMPLE-K](#)

[W205915-1KG-K](#)

Amyl hexanoate

n-Pentyl hexanoate

[540-07-8] $\text{CH}_3(\text{CH}_2)_4\text{CO}_2(\text{CH}_2)_4\text{CH}_3$ $\text{C}_{11}\text{H}_{22}\text{O}_2$

FW 186.29

Arc. 142; Fen. 84

► ≥98%, FG

FEMA 2074 Flavis 9.065 CoE Nr 315

Organoleptic: pineapple

Halal, NI

[W207403-SAMPLE](#)

[W207403-100G](#)

100 g

[W207403-1KG](#)

1 kg

[W207403-9KG](#)

9 kg

[W207403-20KG](#)

20 kg

☒ Amyl mercaptan, see 1-Pantanethiol Page 104

N-Amyl octanoate

[638-25-5] $\text{CH}_3(\text{CH}_2)_6\text{CO}_2(\text{CH}_2)_4\text{CH}_3$ $\text{C}_{13}\text{H}_{26}\text{O}_2$
FW 214.34

► ≥98%

FEMA 2079 Flavis 9.112 CoE Nr 393

Organoleptic: wine-like; sweet

NI

Arc. 144; Fen. 86

[W207918-SAMPLE](#)

[W207918-1KG](#)

1 kg

[W207918-4KG](#)

4 kg

[W207918-9KG](#)

9 kg

Amyl octanoate, mixture of isomers

$\text{C}_{13}\text{H}_{26}\text{O}_2$ FW 214.34

► ≥98%, FCC

FEMA 2079 Flavis 9.112 CoE Nr 393

Organoleptic: sweet; wine-like

Fen. 86

[W207926-SAMPLE](#)

[W207926-1KG](#)

1 kg

[W207926-4KG](#)

4 kg

[W207926-9KG](#)

9 kg

☒ Amyl propionate, see Isoamyl propionate Page 68

2-Amyl pyridine, see 2-Pentylpyridine Page 105

6-Amyl-α-pyrone

5-Hydroxy-2,4-decadienoic acid γ-lactone

[27593-23-3] $\text{C}_{10}\text{H}_{14}\text{O}_2$ FW 166.22

► ≥96%, FG

FEMA 3696 Flavis 10.031 CoE Nr 10967

Organoleptic: almond; coconut; mushroom; sweet

Halal, Kosher, NI

[W369608-SAMPLE-K](#)

[W369608-100G-K](#)

100 g

[W369608-250G-K](#)

250 g

[W369608-1KG-K](#)

1 kg

☒ Amyris Balsamifera, see Amyris oil Page 14

Amyrisoil

Amyris oil	α-Angelica lactone	m-Anisaldehyde
[8015-65-4] CoE Nr 33 from Amyris <i>balsamifera</i> . Kosher <i>Organoleptic</i> : woody Haiti origin	4-Hydroxy-3-pentenoic acid γ-lactone; 5-Methyl-2(3H)-furanone [591-12-8] C ₆ H ₈ O ₂ FW 98.10 Arc. 239; <i>Fen.</i> 94 ▶ ≥98%, FG FEMA 3293 Flavis 10.012 CoE Nr 731 Halal, Kosher <i>Organoleptic</i> : oily; nutty NI	3-Methoxybenzaldehyde [591-31-1] CH ₃ OC ₆ H ₄ CHO C ₈ H ₈ O ₂ FW 136.15 ▶ ≥97% Flavis 5.158 This material may darken on storage
W517100-SAMPLE-K	W329304-SAMPLE-K	W513105-SAMPLE
W517100-1KG-K	W329304-100G-K	W513105-100G
W517100-5KG-K	W329304-250G-K	W513105-1KG
W517100-10KG-K	W329304-1KG-K	W513105-5KG
☒ Amy vinyl carbinol acetate, see 1-Octen-3-yl acetate Page 101		
5α-Androst-16-en-3α-ol	Angelica root oil NEW	p-Anisaldehyde
3α-Hydroxy-5α-androstan-16-ene; 16-(5α)Androsten-3α-ol [1153-51-1] C ₁₉ H ₃₀ O FW 274.44 ▶ ≥98%	Angelica oil [8015-64-3] ▶ natural FEMA 2088 from <i>Angelica archangelica</i> Kosher <i>Organoleptic</i> : earthy	4-Methoxybenzaldehyde; Aubépine [123-11-5] CH ₃ OC ₆ H ₄ CHO C ₈ H ₈ O ₂ FW 136.15 Arc. 241; <i>Fen.</i> 1112 ▶ ≥97.5%, FCC
W510718-1G	W208800-SAMPLE-K	FEMA 2670 Flavis 5.015 CoE Nr 103
☒ 16-(5α)Androsten-3α-ol, see 5α-Androst-16-en-3α-ol Page 14 Androstenone, see 5α-Androst-16-en-3-one Page 14	W208800-10G-K	<i>Natural occurrence</i> : Vanilla, fennel, star anise, cranberry, black currant, cinnamon, basil. <i>Organoleptic</i> : almond; anise; berry; cherry; chocolate; cinnamon; creamy; hawthorne; fruity; herbaceous; sweet; vanilla; minty
5α-Androst-16-en-3-one NEW	W208800-100G-K	Halal, Kosher, NI contains 0.02-0.04% BHT as stabilizer
16-(5α)Androsten-3-one; 3-Keto-5α,16-androstene; Androstenone [18339-16-7] C ₁₉ H ₂₈ O FW 272.43 Arc. 235 ▶ ≥98%	Angelica seed oil NEW	W267007-SAMPLE-K
W505900-SAMPLE	Angelica oil [8015-64-3] ▶ natural FEMA 2090 from <i>Angelica archangelica</i> Kosher <i>Organoleptic</i> : pepper	W267007-SAMPLE
☒ 16-(5α)Androsten-3-one, see 5α-Androst-16-en-3-one Page 14	W209000-SAMPLE-K	W267007-1KG-K
trans-Anethole	W209000-25G-K	W267007-5KG-K
trans-1-Methoxy-4-(1-propenyl)benzene; 4-Propenylanisole [4180-23-8] CH ₃ CH=CHC ₆ H ₄ OCH ₃ C ₁₀ H ₁₂ O FW 148.20 Arc. 236; <i>Fen.</i> 44 ▶ ≥99%, FCC	W209000-250G-K	W267007-10KG-K
FEMA 2086 Flavis 4.01 CoE Nr 183 <i>Organoleptic</i> : anise; spicy; sweet Kosher NI <i>Fen.</i> 89	☒ Aniba Rosaeodora, see Bois de rose Page 20 Anis alcohol, see Anisyl alcohol Page 15	W267007-25KG-K
W208604-SAMPLE-K		☒ Anise oil, see Anise seed oil Page 14
W208604-1KG-K		Anise seed oil NEW
W208604-5KG-K		Anise seed oil; Anise oil [8007-70-3] <i>Fen.</i> 98
W208604-10KG-K		▶ Certified organic (NOP/EU)
☒ <i>Anethum graveolens</i> , see Dillweed oil Page 36 Aneurine hydrochloride, see Thiamine hydrochloride Page 123		FEMA 2094 from (<i>Pimpinella anisum</i>) Kosher
o-Anisaldehyde		W209417-SAMPLE-K
Salicylaldehyde methyl ether; 2-Methoxybenzaldehyde [135-02-4] FEMA 4077 Flavis 5.129 CH ₃ OC ₆ H ₄ CHO C ₈ H ₈ O ₂ FW 136.15 Arc. 1864; <i>Fen.</i> 456 ▶ ≥97%		W209417-1KG-K
<i>Organoleptic</i> : floral; sweet Kosher		1 kg
W506400		Anise star oil
NI <i>Organoleptic</i> : almond; balsam; hawthorne; woody; spicy		[68952-43-2] FEMA 2096 from <i>Illiium verum</i> Hook. f. (also Badiane) CoE Nr 238n
W407701-SAMPLE-K		W209619-SAMPLE
W407701-1KG-K		W209619-1KG
		1 kg
		W209619-10KG
		10 kg
		W209619-25KG
		25 kg
		▶ Certified organic (NOP/EU)
		Kosher Vietnam origin
		W209624-SAMPLE-K
		W209624-1KG-K
		1 kg

m-Anisic acid

3-Methoxybenzoic acid; m-Methylsalicylic acid
[586-38-9] CH₃OC₆H₄CO₂H C₈H₈O₃ FW 152.15

► ≥98%

FEMA 3944 Flavis 8.092

[W39440-SAMPLE](#)

[W39440-100G](#) 100 g

[W39440-1KG](#) 1 kg

[W39440-5KG](#) 5 kg

p-Anisic acid

4-Methoxybenzoic acid
[100-09-4] CH₃OC₆H₄CO₂H C₈H₈O₃ FW 152.15

► ≥99%

FEMA 3945 Flavis 8.071

[W39450-SAMPLE](#)

[W39450-1KG](#) 1 kg

[W39450-10KG](#) 10 kg

[W39450-25KG](#) 25 kg

▣ p-Anisic acid methyl ester, see Methyl p-anisate Page 81

Anisole

Methoxybenzene; Methyl phenyl ether
[100-66-3] CH₃OC₆H₅ C₇H₈O FW 108.14
Arc. 246; Fen. 99

► ≥99%, FCC

FEMA 2097 Flavis 4.032 CoE Nr 2056

Organoleptic: alcohol; butter; cheese; ethereal
Kosher, NI

[W209708](#)

Anisyl acetate

[104-21-2] CH₃CO₂CH₂C₆H₄-4-(OCH₃) C₁₀H₁₂O₃
FW 180.20

Arc. 247; Fen. 45

► ≥97%, FCC

FEMA 2098 Flavis 9.019 CoE Nr 209

Organoleptic: almond; cherry; coumarin; creamy;
lilac; fruity; plum; sweet; vanilla
Halal, Kosher, NI

[W209805-SAMPLE-K](#)

[W209805-1KG](#) 1 kg

[W209805-5KG](#) 5 kg

[W209805-10KG](#) 10 kg

▣ Anisylacetone, see 4-(4-Methoxyphenyl)-2-butanone
Page 80

Anisyl alcohol

4-Methoxybenzyl alcohol; Anis alcohol; p-Anisyl
alcohol; Anise alcohol

[105-13-5] FEMA 2099 Flavis 2.128 CoE Nr 66
CH₃OC₆H₄CH₂OH C₈H₁₀O₂ FW 138.16

Arc. 249; Fen. 100

► ≥98%, FCC, FG

Organoleptic: caramel; chocolate; hyacinth; floral;
fruity; sweet; vanilla

Halal, Kosher, NI

[W209902-SAMPLE-K](#)

[W209902-1KG](#) 1 kg

[W209902-10KG](#) 10 kg

[W209902-25KG](#) 25 kg

natural, ≥98%, FG

Natural Occurrence: Anise, honey, bourbon, vanilla.
Halal, Kosher

Organoleptic: honey; floral; sweet; vanilla

[W209910-SAMPLE-K](#)

[W209910-100G](#) 100 g

[W209910-1KG](#) 1 kg

[W209910-5KG](#) 5 kg

▣ p-Anisyl alcohol, see Anisyl alcohol Page 15

Anisyl formate

4-Methoxybenzyl formate

[122-91-8] HCO₂CH₂C₆H₄OCH₃ C₉H₁₀O₃
FW 166.17

Arc. 254

► ≥90%, FCC, FG

FEMA 2101 Flavis 9.087 CoE Nr 354

Organoleptic: floral; sweet

Halal, Kosher, NI

Fen. 102

[W210102-SAMPLE-K](#)

[W210102-100G](#) 100 g

[W210102-1KG](#) 1 kg

[W210102-5KG](#) 5 kg

Anisyl phenylacetate

► ≥97%

FEMA 3740 Flavis 9.706 CoE Nr 233

Organoleptic: anise

Fen. 103

[W374008-SAMPLE](#)

[W374008-25G](#) 25 g

[W374008-100G](#) 100 g

[W374008-1KG](#) 1 kg

Anisyl propionate

4-Methoxybenzyl propionate

[7549-33-9] C₂H₅CO₂CH₂C₆H₄OCH₃ C₁₁H₁₄O₃
FW 194.23

Arc. 259

► ≥98%

FEMA 2102 Flavis 9.145 CoE Nr 426

Organoleptic: floral; fruity; vanilla

Halal, Kosher

Fen. 104

[W210218-SAMPLE-K](#)

[W210218-100G](#) 100 g

[W210218-1KG](#) 1 kg

[W210218-5KG](#) 5 kg

▣ Antiscorbutic factor, see L-Ascorbic acid Page 15

Apium Graveolens, see Celery seed oil Page 26

Apocynin, see Acetovanillone Page 8

(+)-Arabinogalactan

Polyarabinogalactan

[9036-66-2]

FEMA 3254

[W325406-SAMPLE](#)

[W325406-5KG](#) 5 kg

L-(+)-Arabinose

[5328-37-0] C₅H₁₀O₅ FW 150.13

► ≥99%

FEMA 3255

[W325501-1KG](#)

1 kg

▣ D-Araboascorbic acid, see D-Isoascorbic acid Page 68

L-Arginine

(S)-2-Amino-5-guanidinopentanoic acid

[74-79-3] H₂NC(=NH)NH(CH₂)₃CH(NH₂)CO₂H
C₆H₁₄N₄O₂ FW 174.20

► ≥98.5%, FCC

FEMA 3819 Flavis 17.003

NI

[W381918-SAMPLE](#)

[W381918-1KG](#)

1 kg

[W381918-5KG](#)

5 kg

[W381918-10KG](#)

10 kg

▣ Artificial essential oil of almond, see Benzaldehyde

Page 16

Artemisia Dracunculus, see Tarragon oil Page 121

L-Ascorbic acid

Antiscorbutic factor; L-Threooascorbic acid; Vitamin C

[50-81-7] C₆H₈O₆ FW 176.12

► FCC

[W210901-SAMPLE](#)

[W210901-1KG](#)

1 kg

[W210901-10KG](#)

10 kg

[W210901-25KG](#)

25 kg

Aspartame

Asp-Phe methyl ester; Aspartame; Asp-Phe-OMe;
N-(L-α-Aspartyl)-L-phenylalanine methyl ester

[22839-47-0] HOOCCH₂CH(NH₂)CONHCH(CH₂C₆H₅)COOCH₃
C₁₄H₁₈N₂O₅ FW 294.30

► analytical standard, for food analysis

47135

500 mg

L-Aspartic acid

(S)-(+) -Aminosuccinic acid; (S)-Aminobutanedioic acid

[56-84-8] HO₂CCH₂CH(NH₂)CO₂H C₄H₇NO₄
FW 133.10

► ≥98%

FEMA 3656 Flavis 17.005

[W365601-SAMPLE](#)

[W365601-1KG](#)

1 kg

[W365601-5KG](#)

5 kg

▣ N-(L-α-Aspartyl)-L-phenylalanine methyl ester, see Aspartame

Page 15

Asp-Phe methyl ester, see Aspartame Page 15

Asp-Phe-OMe, see Aspartame Page 15

Aubépine, see p-Anisaldehyde Page 14

Avocadooil

Avocado oil	NEW
[8024-32-6]	
► Certified organic (NOP/EU)	
from (<i>Persea amoenica</i>)	
Kosher	
South Africa origin	
W530127-SAMPLE-K	
W530127-1KG-K	1 kg
■ Aza-2-cycloheptanone, see ϵ -Caprolactam Page 25	
Azole, see Pyrrole Page 116	
BADGE, see Bisphenol A diglycidyl ether Page 20	
BADGE-H ₂ O, see Bisphenol A (2,3-dihydroxypropyl) glycidyl ether Page 20	
BADGE-HCl, see Bisphenol A bis(3-chloro-2-hydroxypropyl) ether Page 19	
BADGE-HCl, see Bisphenol A (3-chloro-2-hydroxypropyl) glycidyl ether Page 19	
BADGE-HCl-H ₂ O, see Bisphenol A (3-chloro-2-hydroxypropyl) (2,3-dihydroxypropyl) ether Page 19	
Balm leaves oil	NEW
Melissa oil	
[8014-71-9]	
► natural	
FEMA 2113	
from <i>Melissa officinalis</i>	
Organoleptic: lemon; citrus	
W211300-SAMPLE	
W211300-10G	10 g
W211300-100G	100 g
Balsam fir absolute	NEW
Fir balsam	
[8024-15-5]	
► natural	
from <i>Abies balsamea</i>	
Organoleptic: woody	
W530333-SAMPLE	
W530333-100G	100 g
W530333-1KG	1 kg
Basil extract, linalol type	NEW
[8015-73-4]	
► FG, natural	
FEMA 2120	
from <i>Ocimum basilicum L.</i>	
Kosher	
Organoleptic: leafy; green	
W212000-SAMPLE-K	
W212000-25G-K	25 g
W212000-100G-K	100 g
■ Behenic acid tryptamide, see Docosanoic acid tryptamide Page 41	
Benzalacetone, see Benzylideneacetone Page 18	
Basil oil, comoric type	
[8015-73-4]	
Fen. 124	
FEMA 2119 CoE Nr 308n	
from <i>Ocimum basilicum L.</i>	
Kosher	
Organoleptic: sweet; spicy	
Comores origin	
W211907-SAMPLE-K	
W211907-250G-K	250 g
W211907-1KG-K	1 kg
W211907-5KG-K	5 kg
Basil oil, methyl chavicol type	NEW
Basil oil, Spanish	
[8015-73-4]	
► FG, natural	
FEMA 2119	
W211901-SAMPLE	
W211901-1KG	1 kg
W211901-10KG	10 kg
■ natural, \geq 98%, FCC, FG	
Halal, Kosher	
W212717-SAMPLE-K	
W212717-100G-K	100 g
W212717-1KG-K	1 kg
W212717-5KG-K	5 kg
W212717-25KG-K	25 kg
Benzaldehyde dimethyl acetal	
α,α -Dimethoxytoluene	
[1125-88-8] C ₆ H ₅ CH(OCH ₃) ₂ C ₉ H ₁₂ O ₂ FW 152.19	
Arc. 271; Fen. 133	
► \geq 98%	
FEMA 2128 Flavis 6.003 CoE Nr 37	
Organoleptic: nutty; floral	
Kosher, NI	
W212806-SAMPLE-K	
W212806-1KG-K	1 kg
W212806-5KG-K	5 kg
W212806-10KG-K	10 kg
Benzaldehyde propylene glycol acetal, mixture of isomers	
4-Methyl-2-phenyl-1,3-dioxolane	
[2568-25-4] C ₁₀ H ₁₂ O ₂ FW 164.20	
Arc. 274; Fen. 134	
► \geq 97%	
FEMA 2130 Flavis 6.032 CoE Nr 2226	
Kosher	
W213004-SAMPLE-K	
W213004-1KG-K	1 kg
W213004-5KG-K	5 kg
W213004-10KG-K	10 kg
■ 1-Benzazine, see Quinoline Page 117	
Benzeneacetic acid, see Phenylacetic acid Page 108	
1,3-Benzenediol, see Resorcinol Page 117	
Benzinemethanol, see Benzyl alcohol Page 17	
Benzenethiol	
Phenyl mercaptan; Thiophenol	
[108-98-5] C ₆ H ₅ SH C ₆ H ₆ S FW 110.18	
Arc. 2937; Fen. 135	
► \geq 98%	
FEMA 3616 Flavis 12.08 CoE Nr 11585	
Organoleptic: alliaceous (onion, garlic)	
W361607-SAMPLE	
W361607-1KG	1 kg
■ Benzodihydropyrone, see Dihydrocoumarin Page 35	
1,3-Benzodioxole-5-carboxaldehyde, see Piperonal Page 112	
2-Benzofurancarboxaldehyde	NEW
[4265-16-1] C ₉ H ₆ O ₂ FW 146.14	
Flavis 13.031	
W312800	

Benzoic acid

[65-85-0] FEMA 2131 Flavis 8.021 CoE Nr 21
 C_6H_5COOH $C_7H_6O_2$ FW 122.12
 Arc. 276; Fen. 136

► **≥99.5%, FCC, FG**

Organoleptic: balsam
 Halal, Kosher, NI

W213101-SAMPLE-K

W213101-1KG-K	1 kg
W213101-10KG-K	10 kg
W213101-25KG-K	25 kg

► **natural, ≥99.5%, FCC**

Kosher

W213128-SAMPLE-K

W213128-100G-K	100 g
W213128-1KG-K	1 kg
W213128-5KG-K	5 kg

☒ Benzoic acid sodium salt, see Sodium benzoate Page 119
 Benzoic acid benzyl ester, see Benzyl benzoate Page 17

Benzoin resin absolute

[9000-05-9]

FEMA 2133

from gum benzoin, Sumatra

Kosher

France origin

W213314-SAMPLE-K**Benzoin resin absolute, Siam**

[9000-72-0]

FEMA 2133

from gum benzoin, Siam

Kosher

Organoleptic: balsam

France origin

W213306-SAMPLE-K

W213306-1KG-K	1 kg
W213306-5KG-K	5 kg

Benzoin resinoid**NEW**

[9000-05-9]

► **natural**

FEMA 2133

from *Styrax tonkinensis*

Kosher

W213300-SAMPLE-K

W213300-100G-K	100 g
W213300-1KG-K	1 kg

Benzophenone

Diphenyl ketone

[119-61-9] $(C_6H_5)_2CO$ $C_{13}H_{10}O$ FW 182.22
 Arc. 280; Fen. 139

► **≥99%, FCC**

FEMA 2134 Flavis 7.032 CoE Nr 166

Organoleptic: apricot; peach
 Kosher, NI**W213403-SAMPLE-K**

W213403-1KG-K	1 kg
W213403-10KG-K	10 kg
W213403-25KG-K	25 kg

☒ 1-Benzopyran-2-one, see Coumarin Page 30
 Coumarin, Chinese Page 30
 2,3-Benzopyridine, see Quinoline Page 117
 1,2-Benzopyrone, see Coumarin Page 30
 Coumarin, Chinese Page 30
 1H-Benz[b]pyrole, see Indole Page 66

Benzothiazole

[95-16-9] C_7H_5NS FW 135.19
 Fen. 140

► **≥96%**

FEMA 3256 Flavis 15.016 CoE Nr 11594
 NI

W235600-SAMPLE

W235600-1KG	1 kg
W235600-10KG	10 kg
W235600-25KG	25 kg

Benzyl acetate

Acetic acid benzyl ester

[140-11-4] FEMA 2135 Flavis 9.014 CoE Nr 204
 $CH_3COOCH_2C_6H_5$ $C_9H_{10}O_2$ FW 150.17
 Arc. 286; Fen. 141

► **≥99%, FCC, FG**

Organoleptic: apple; apricot; cherry; jasmine; floral; plum; sweet; fruity
 Halal, Kosher, NI

W213500-SAMPLE-K

W213500-1KG-K	1 kg
W213500-10KG-K	10 kg
W213500-25KG-K	25 kg

► **natural, ≥99%, FCC, FG**

Halal, Kosher
Organoleptic: fruity; floral; sweet

W213519-SAMPLE-K

W213519-100G-K	100 g
W213519-1KG-K	1 kg
W213519-5KG-K	5 kg

☒ Benzylic acid, see 3-Phenylpropionic acid Page 110

Benzyl alcohol

Benzene methanol

[100-51-6] FEMA 2137 Flavis 2.01 CoE Nr 58
 $C_6H_5CH_2OH$ C_7H_6O FW 108.14
 Arc. 290; Fen. 143

► **≥99%, FCC, FG**

Organoleptic: berry; cherry; grapefruit; citrus; walnut
 Halal, Kosher, NI

W213705-SAMPLE-K

W213705-1KG-K	1 kg
W213705-10KG-K	10 kg
W213705-25KG-K	25 kg

► **natural, ≥98%, FCC**

Halal, Kosher
Organoleptic: floral; plum

W214019-SAMPLE-K

W214019-25G-K	25 g
W214019-100G-K	100 g
W214019-1KG-K	1 kg

☒ Benzyl carbinol, see Phenethyl alcohol Page 106
 Benzyl carbinyl anthranilate, see Phenethyl anthranilate Page 106
 Benzyl carbinyl cinnamate, see Phenethyl cinnamate Page 107
 Benzyl carbinyl ethyl methyl acetate, see Phenethyl 2-methylbutyrate Page 107
 Benzyl carbinyl formate, see Phenethyl formate Page 107
 Benzyl carbinyl isovalerianate, see Phenethyl isovalerate Page 107
 Benzyl carbinyl phenylacetate, see Phenethyl phenylacetate Page 107
 Benzyl carbinyl salicylate, see Phenethyl salicylate Page 108
 Benzyl carbinyl tiglate, see Phenethyl tiglate Page 108

Benzyl benzoate

Benzoic acid benzyl ester

[120-51-4] FEMA 2138 Flavis 9.727 CoE Nr 262
 $C_6H_5COOCH_2C_6H_5$ $C_{14}H_{12}O_2$ FW 212.24
 Arc. 292; Fen. 144

► **≥99%, FCC**

Organoleptic: almond; cheese; cherry; floral; pineapple; strawberry; sweet
 Halal, Kosher, NI

W213802-SAMPLE-K

W213802-1KG-K	1 kg
W213802-5KG-K	5 kg
W213802-10KG-K	10 kg

► **natural, ≥99%, FCC**

Halal, Kosher

Organoleptic: floral; sweet**W213810-SAMPLE-K**

W213810-100G-K	100 g
W213810-1KG-K	1 kg
W213810-5KG-K	5 kg

Benzyl butyrate

[103-37-7] FEMA 2140 Flavis 9.051 CoE Nr 277
 $CH_3CH_2CH_2CO_2CH_2C_6H_5$ $C_{11}H_{14}O_2$ FW 178.23
 Arc. 293; Fen. 145

► **≥98%, FCC, FG**

Organoleptic: apricot; berry; butter; cheese; jasmine; fruity; peach; pear; plum
 Halal, Kosher, NI

W214000-SAMPLE-K

W214000-1KG-K	1 kg
W214000-5KG-K	5 kg
W214000-10KG-K	10 kg

► **natural, ≥98%, FCC**

Halal, Kosher

Organoleptic: floral; plum**W214019-SAMPLE-K**

W214019-25G-K	25 g
W214019-100G-K	100 g
W214019-1KG-K	1 kg

Benzylcinnamate

Benzyl cinnamate

Cinnamic acid benzyl ester
 [103-41-3] C₆H₅CH=CHCOOCH₂C₆H₅ C₁₆H₁₄O₂
 FW 238.28
 Arc. 299; Fen. 146

► ≥98%

FEMA 2142 Flavis 9.738 CoE Nr 331

Organoleptic: apricot; cherry; chocolate; floral; peach; pineapple
 Halal, Kosher, NI

[W214205-SAMPLE-K](#)

[W214205-1KG-K](#) 1 kg

[W214205-5KG-K](#) 5 kg

[W214205-10KG-K](#) 10 kg

☒ Benzyl dimethyl carbinol, see 2-Methyl-1-phenyl-2-propanol
 Page 92

Benzyl disulfide

Dibenzyl disulfide
 [150-60-7] C₆H₅CH₂SSCH₂C₆H₅ C₁₄H₁₄S₂
 FW 246.39

Arc. 307; Fen. 148

► 98%

FEMA 3617 Flavis 12.081 CoE Nr 4077

Organoleptic: earthy; smoky; green
 Kosher

[W361704-SAMPLE-K](#)

[W361704-1KG-K](#) 1 kg

[W361704-5KG-K](#) 5 kg

[W361704-10KG-K](#) 10 kg

Benzyl ether

Dibenzyl ether
 [103-50-4] (C₆H₅CH₂)₂O C₁₄H₁₄O FW 198.26
 Arc. 879; Fen. 414

► ≥98%, FCC

FEMA 2371 Flavis 3.004 CoE Nr 2150

Organoleptic: almond; chocolate; fruity; spicy; sweet
 Kosher

[W237108-SAMPLE-K](#)

[W237108-1KG-K](#) 1 kg

[W237108-5KG-K](#) 5 kg

[W237108-10KG-K](#) 10 kg

Benzyl formate

[104-57-4] HCO₂CH₂C₆H₅ C₈H₈O₂ FW 136.15
 Arc. 314; Fen. 150

► ≥95%, FCC

FEMA 2145 Flavis 9.077 CoE Nr 344

Organoleptic: apricot; floral; fruity; meaty; pineapple; sweet
 Kosher, NI

[W214507-SAMPLE-K](#)

[W214507-1KG-K](#) 1 kg

[W214507-5KG-K](#) 5 kg

[W214507-10KG-K](#) 10 kg

☒ Benzyl 2-hydroxybenzoate, see Benzyl salicylate Page 19

Benzylideneacetone

Benzalacetone; Methyl styryl ketone
 [122-57-6] C₆H₅CH=CHCOCH₃ C₁₀H₁₀O
 FW 146.19

► ≥99%

FEMA 2881 Flavis 7.024 CoE Nr 158

Natural occurrence: Soybeans and Virginia tobacco.
Organoleptic: almond; anise; balsam; butter; cherry; cinnamon; creamy; jam; herbaceous; floral; sweet; vanilla; woody

Halal, Kosher, NI

Arc. 318; Fen. 1553

[W288101-SAMPLE-K](#)

[W288101-1KG-K](#) 1 kg

[W288101-10KG-K](#) 10 kg

[W288101-25KG-K](#) 25 kg

☒ 4,4'-Benzylidenebis(*N,N*-dimethylaniline), see Leucomalachite Green Page 75
 2-Benzylidene-1-heptanol, see α-Amylcinnamyl alcohol
 Page 13
 Benzyl isobutyl ketone, see 4-Methyl-1-phenyl-2-pentanone
 Page 92

Benzyl isobutyrate

Benzyl-2-methyl propionate
 [103-28-6] FEMA 2141 Flavis 9.426 C₁₁H₁₄O₂
 FW 178.23

Arc. 294; Fen. 152

► ≥97%, FCC, FG

CoE Nr 301

Organoleptic: jasmine; fruity

Halal, Kosher, NI

[W214108-SAMPLE-K](#)

[W214108-1KG-K](#) 1 kg

[W214108-5KG-K](#) 5 kg

[W214108-10KG-K](#) 10 kg

► natural (US), ≥97%, FG

Kosher

Organoleptic: herbaceous; floral; fruity

[W214115-100G-K](#)

[W214115-1KG-K](#)

[W214115-SAMPLE-K](#)

Benzyl isothiocyanate**Benzyl isovalerate**

Benzyl 3-methylbutyrate

[103-38-8] (CH₃)₂CHCH₂CO₂CH₂C₆H₅ C₁₂H₁₆O₂
 FW 192.25

Arc. 346

► ≥98%, FCC

FEMA 2152 Flavis 9.458 CoE Nr 453

Organoleptic: apple; herbaceous; pineapple
 Kosher

Fen. 153

[W215201-SAMPLE-K](#)

[W215201-1KG-K](#) 1 kg

[W215201-5KG-K](#) 5 kg

[W215201-10KG-K](#) 10 kg

Benzyl mercaptan

α-Toluenethiol; α-Tolyl mercaptan

[100-53-8] C₆H₅CH₂SH C₇H₈S FW 124.20

Arc. 325; Fen. 42

► 99%

FEMA 2147 Flavis 12.005 CoE Nr 477

Organoleptic: meaty

Kosher, NI

[W214701-SAMPLE-K](#)

[W214701-1KG-K](#) 1 kg

[W214701-5KG-K](#) 5 kg

[W214701-10KG-K](#) 10 kg

☒ Benzyl 3-methylbutyrate, see Benzyl isovalerate Page 18

Benzyl-2-methyl propionate, see Benzyl isobutyrate
 Page 18

Benzyl mustard oil, see Benzyl isothiocyanate Page 18

Benzyl phenylacetate

[102-16-9] C₆H₅CH₂CO₂CH₂C₆H₅ C₁₅H₁₄O₂
 FW 226.27

Arc. 332

► ≥98%, FCC

FEMA 2149 Flavis 9.705 CoE Nr 232

Organoleptic: honey; floral; sweet

Kosher

Fen. 156

[W214906-SAMPLE-K](#)

[W214906-1KG-K](#) 1 kg

[W214906-5KG-K](#) 5 kg

[W214906-10KG-K](#) 10 kg

Benzyl propionate

[122-63-4] FEMA 2150 Flavis 9.132 CoE Nr 413

C₆H₅CO₂CH₂C₆H₅ C₁₀H₁₂O₂ FW 164.20

Arc. 338; Fen. 157

► ≥98%, FCC

Organoleptic: apple; banana; berry; jam; jasmine; fruity; strawberry; sweet

Kosher, NI

[W215007-SAMPLE-K](#)

[W215007-1KG-K](#) 1 kg

[W215007-10KG-K](#) 10 kg

[W215007-25KG-K](#) 25 kg

Bisphenolachlor

► natural, ≥98%, FCC

Organoleptic: berry; jasmine; sweet
Kosher
Fer. 157

[W215015-SAMPLE-K](#)

[W215015-25G-K](#)

25 g

[W215015-100G-K](#)

100 g

[W215015-1KG-K](#)

1 kg

Benzyl salicylate

Benzyl 2-hydroxybenzoate

[118-58-1] 2-(HO)C₆H₄CO₂CH₂C₆H₅ C₁₄H₁₂O₃
FW 228.24

Arc. 340

► ≥98%, FCC

FEMA 2151 Flavis 9.752 CoE Nr 436

Organoleptic: floral; sweet
Kosher

[W215104-SAMPLE-K](#)

[W215104-1KG-K](#)

1 kg

[W215104-5KG-K](#)

5 kg

[W215104-10KG-K](#)

10 kg

Bergamot oil

[8007-75-8] FEMA 2153

► Italy origin

Kosher

[W215309-SAMPLE-K](#)

[W215309-1KG-K](#)

1 kg

[W215309-4KG-K](#)

4 kg

► Italy origin, rectified

Kosher

[W215325-SAMPLE-K](#)

[W215325-1KG-K](#)

1 kg

[W215325-4KG-K](#)

4 kg

[W215325-9KG-K](#)

9 kg

► Ivory Coast origin, (Non-sensitizing)

from synthetic

Organoleptic: fruity; sweet

[W215317-SAMPLE](#)

[W215317-1KG](#)

1 kg

[W215317-4KG](#)

4 kg

▣ BHA, see Butylated hydroxyanisole Page 21

BHT, see Butylated hydroxytoluene Page 21

Biebrich scarlet R fat soluble, see Sudan IV Page 120

Biphenyl

[92-52-4] C₆H₅C₆H₅ C₁₂H₁₀ FW 154.21

Arc. 1077; Fer. 162

► ≥99%

FEMA 3129 Flavis 1.013 CoE Nr 10978

Organoleptic: geranium; green

NI

[W312908-SAMPLE](#)

[W312908-1KG](#)

1 kg

[W312908-5KG](#)

5 kg

[W312908-10KG](#)

10 kg

Birch oil

[68917-50-0]

► sweet

FEMA 2154

Kosher

[W215481-SAMPLE-K](#)

1 kg

[W215481-1KG-K](#)

5 kg

▣ 2,2-Bis[4-(3-chloro-2-hydroxypropoxy)phenyl]propane, see Bisphenol A bis(3-chloro-2-hydroxypropyl) ether Page 19
Bisphenol A bis(3-chloro-2-hydroxypropyl) ether Page 20
2,2-Bis[4-(2,3-dihydroxypropoxy)phenyl]methane, see Bisphenol F bis(2,3-dihydroxypropyl) ether Page 20
2,2-Bis[4-(2,3-dihydroxypropoxy)phenyl]propane, see Bisphenol A bis(2,3-dihydroxypropyl) ether Page 19

Bisphenol A bis(3-chloro-2-hydroxypropyl) ether

BADGE-2HCl; 2,2-Bis[4-(3-chloro-2-hydroxypropoxy)phenyl]propane
[4809-35-2] C₂₁H₂₆Cl₂O₄ FW 413.33

► analytical standard, for food analysis

≥97.0% (HPLC)

Standard for determining toxic monomers released from polymers of the inner coating of cans^{1,2,3}

Lit. cited: 1. J.S. Gandara et al., *J. Chromatogr. Sci.* 30, 11 (1992)
2. *Chromatographia* 34, 67 (1992)
3. P.P. Losada et al., *Fresenius Z. Anal. Chem.* 345, 527 (1993)

[15136-250MG](#)

250 mg

Bis(2-ethylhexyl) adipate

Adipic acid di(2-ethylhexyl) ester; DOA

[103-23-1] [-CH₂CH₂CO₂CH₂CH(C₂H₅)(CH₂)₃CH₃]₂ C₂₂H₄₂O₄ FW 370.57

► ≥99%

[W519006-SAMPLE](#)

1 kg

[W519006-1KG](#)

1 kg

▣ 2,2-Bis[4-(glycidyloxy)phenyl]propane, see Bisphenol A diglycidyl ether Page 20
2,6-Bis(isopropyl)phenol, see 2,6-Diisopropylphenol Page 36

Bisphenol A bis(2,3-dihydroxypropyl) ether

2,2-Bis[4-(2,3-dihydroxypropoxy)phenyl]propane
[5581-32-8] C₂₁H₂₈O₆ FW 376.44

► analytical standard, for food analysis

≥97.0% (HPLC)

Standard for determining toxic monomers released from polymers of the inner coating of cans^{1,2,3}

Lit. cited: 1. J.S. Gandara et al., *J. Chromatogr. Sci.* 30, 11 (1992)
2. *Chromatographia* 34, 67 (1992)
3. P.P. Losada et al., *Fresenius Z. Anal. Chem.* 345, 527 (1993)

[15137-250MG](#)

250 mg

Bisphenol A (3-chloro-2-hydroxypropyl) (2,3-dihydroxypropyl) ether

2-[4-(3-Chloro-2-hydroxypropoxy)phenyl]-2-[4-(2,3-dihydroxypropoxy)phenyl]propane;
BADGE-HCl-H₂O
[227947-06-0] C₂₁H₂₇ClO₅ FW 394.89

► analytical standard, for food analysis

≥95.0% (HPLC)

Standard for determination of toxic BADGE and derivatives in canned food^{1,2}

Lit. cited: 1. J.E. Biles et al., *J. Agric. Food Chem.* 47, 1965 (1999)
2. M. Biedermann et al., *Mitt. Geb. Lebensmittelunters. Hyg.* 90, 177 (1999)

[92427-25MG](#)

25 mg

[92427-100MG](#)

100 mg

Bis(methylthio)methane

Formaldehyde dimethyl mercaptal; Dimethylthiomethane

[1618-26-4] Flavis 12.118 CH₃SCH₂SCH₃ C₃H₈S₂ FW 108.23

► ≥99%, FG

FEMA 3878

Natural Occurrence: Truffles cheese, shittake mushrooms, and lobster.

Organoleptic: cheese; horseradish; earthy; alliaceous (onion, garlic); spicy

Halal, Kosher

[W387800-SAMPLE-K](#)

25 g

[W387800-25G-K](#)

100 g

[W387800-1KG-K](#)

1 kg

[W387800-2.5KG-K](#)

2.5 kg

► ≥99%

[W508772](#)



Bisphenolachlor

Bisphenol A (3-chloro-2-hydroxypropyl) glycidyl ether

BADGE-HCl; 2-[4-(3-Chloro-2-hydroxypropoxy)phenyl]-2-[4-(glycidyloxy)phenyl]propane
[13836-48-1] C₂₁H₂₅ClO₄ FW 376.87

► analytical standard, for food analysis

≥90% (HPLC)
Standard for determination of toxic BADGE and derivatives in canned food^{1,2}

Lit. cited: 1. J.E. Biles et al., *J. Agric. Food Chem.* **47**, 1965 (1999)
2. M. Biedermann et al., *Mitt. Geb. Lebensmittelunters. Hyg.* **90**, 177 (1999)

73124-25MG 25 mg
73124-100MG 100 mg

Bisphenol A diglycidyl ether

4,4'-Isopropylidenediphenol diglycidyl ether;
BADGE; 2,2-Bis[4-(glycidyloxy)phenyl]propane; D.
E.R.™ 332
[1675-54-3] C₂₁H₂₄O₄ FW 340.41

► analytical standard, for food analysis

≥95.0% (HPLC)
Standard for determining toxic monomers released from polymers of the inner coating of cans.^{1,2,3}
Lit. cited: 1. J.S. Gandara et al., *J. Chromatogr. Sci.* **30**, 11 (1992)
2. *Chromatographia* **34**, 67 (1992)
3. P.P. Losada et al., *Fresenius Z. Anal. Chem.* **345**, 527 (1993)

15138-500MG-F 500 mg

Bisphenol A (2,3-dihydroxypropyl) glycidyl ether

BADGE-H₂O; 2-[4-(2,3-Dihydroxypropoxy)phenyl]-2-[4-(glycidyloxy)phenyl]propane
[76002-91-0] C₂₁H₂₆O₅ FW 358.43

► analytical standard, for food analysis

≥95.0% (HPLC)
Standard for determination of toxic BADGE and derivatives in canned food^{1,2}
Lit. cited: 1. J.E. Biles et al., *J. Agric. Food Chem.* **47**, 1965 (1999)
2. M. Biedermann et al., *Mitt. Geb. Lebensmittelunters. Hyg.* **90**, 177 (1999)

73417-25MG 25 mg
73417-100MG 100 mg

Bisphenol F bis(2,3-dihydroxypropyl) ether

Bis[4-(2,3-dihydroxypropoxy)phenyl]methane
[72406-26-9] C₁₉H₂₄O₆ FW 348.39

► analytical standard, for food analysis

mixture of 3 isomers ortho-ortho, ortho-para, para-para
≥95.0% (HPLC, total assay of the 3 isomers)
Standard for determining toxic monomers released from polymers of the inner coating of cans^{1,2,3}
Lit. cited: 1. J.S. Gandara et al., *J. Chromatogr. Sci.* **30**, 11 (1992)
2. *Chromatographia* **34**, 67 (1992)
3. P.P. Losada et al., *Fresenius Z. Anal. Chem.* **345**, 527 (1993)

15142-250MG 250 mg

☒ Bitter orange flower, see Neroli extract Page 103
Orange flower absolute Page 103
Bitter orange oil, see Petitgrain oil, Paraguay Page 106

Black pepper oil

[8006-82-4]
Fen. 1510
Piper Nigrum
FEMA 2845
from *Piper nigrum* L.
Kosher
Organoleptic: spicy
India origin

W284505-SAMPLE-K
W284505-1KG-K 1 kg
W284505-5KG-K 5 kg
W284505-10KG-K 10 kg

Bois de rose

Rosewood oil
[8015-77-8]
FEMA 2156
from *Aniba rosaedora* Ducke
Kosher
Organoleptic: floral; woody
Brazil origin

W215600-SAMPLE-K
W215600-1KG-K 1 kg
W215600-4KG-K 4 kg
W215600-9KG-K 9 kg

Bornyl acetate

[76-49-3] C₁₂H₂₀O₂ FW 196.29
☒ ≥97%
FEMA 2159 Flavis 9.017 CoE Nr 207
Organoleptic: woody; sweet
NI

Arc. 333; Fen. 170
W215902-SAMPLE
W215902-1KG 1 kg
W215902-5KG 5 kg
W215902-10KG 10 kg

(-)-Bornyl acetate

endo-(1S)-1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl acetate
[5655-61-8] C₁₂H₂₀O₂ FW 196.29
☒ 95%
FEMA 4080 Flavis 9.848
Kosher

W408001-SAMPLE-K
W408001-1KG-K 1 kg
W408001-5KG-K 5 kg
W408001-10KG-K 10 kg

☒ *Boswellia carterii*, see Frankincense oil Page 102
Olibanum oil Page 102
Bran, see Bran absolute Page 20

Bran absolute

Bran
[68916-76-7]
from *Triticum estivum*
Halal, Kosher
France origin

W521108-SAMPLE-K
W521108-100G-K 100 g
W521108-1KG-K 1 kg

☒ Brilliant Crocein MOO, see Acid Red 73 Page 10
Brilliant crocein scarlet MOO, see Acid Red 73 Page 10

Buchu leaf oil, Betulina

NEW

Agathosma betulina
[68650-46-4]

► FG, natural

FEMA 2169
from *Barosma betulina*
Kosher

W530345-SAMPLE-K
W530345-25G-K 25 g
W530345-250G-K 250 g

Buchu leaf oil, Crenulata

NEW

Agathosma crenulata
[68650-46-4]

► FG, natural

FEMA 2169
from *Barosma crenulata*
Kosher
Organoleptic: minty
black current like odor

W216900-SAMPLE-K
W216900-100G-K 100 g
W216900-500G-K 500 g

☒ Butanal, see Butyraldehyde Page 24
Butanedioic acid, see Succinic acid Page 120

1,4-Butanedithiol

Tetramethylene dimercaptan; 1,4-Dimercapto-butane
[1191-08-8] HS(CH₂)₄SH C₄H₁₀S₂ FW 122.25
☒ ≥97%

Flavis 12.103
Organoleptic: meaty

W520802-SAMPLE
W520802-25G 25 g
W520802-100G 100 g
W520802-1KG 1 kg

2,3-Butanedithiol

[4532-64-3] CH₃CH(SH)CH(SH)CH₃ C₄H₁₀S₂
FW 122.25

☒ ≥99%, FG

FEMA 3477 Flavis 12.022 CoE Nr 725
Halal, Kosher

W347701-SAMPLE-K
W347701-25G-K 25 g
W347701-100G-K 100 g
W347701-1KG-K 1 kg

1-Butanethiol

Butyl mercaptan; Mercaptan C₄
 [109-79-5] CH₃(CH₂)₃SH C₄H₁₀S FW 90.19
 Arc. 488; *Fen.* 182

► ≥98%

FEMA 3478 Flavis 12.01 CoE Nr 526
Organoleptic: alliaceous (onion, garlic)
 NI

W347809-SAMPLE	1 sample
W347809-1KG	1 kg
W347809-4KG	4 kg
W347809-8KG	8 kg

2-Butanethiol

sec-Butyl mercaptan; Mercaptan C₄
 [513-53-1] CH₃CH₂CH(SH)CH₃ C₄H₁₀S FW 90.19

► ≥98%

Flavis 12.104

W509434-SAMPLE	
W509434-1KG	1 kg
W509434-4KG	4 kg
W509434-8KG	8 kg

☒ Butanoic acid 1-octen-3-yl ester, see 1-Octen-3-yl butyrate
 Page 101
n-Butanol, see Butyl alcohol Page 21
 1-Butanol, see Butyl alcohol Page 21

2-Butanone

Methyl ethyl ketone; MEK; Ethyl methyl ketone
 [78-93-3] C₅H₈COCH₃ C₄H₈O FW 72.11
 Arc. 2020; *Fen.* 183

► ≥99.5%, FCC, FG

FEMA 2170 Flavis 7.053 CoE Nr 753
Organoleptic: ethereal
 Halal, Kosher, NI

W217018-SAMPLE-K	
W217018-1KG-K	1 kg
W217018-8KG-K	8 kg
W217018-20KG-K	20 kg

Butan-3-one-2-yl butanoate

[84642-61-5] CH₃CH₂CH₂CO₂CH(CH₃)COCH₃
 C₈H₁₄O₃ FW 158.19
Fen. 184

► ≥98%, FCC

FEMA 3332 Flavis 9.264 CoE Nr 10525
Organoleptic: berry; cheese; sweet
 Kosher
Fen. 184

W333204-SAMPLE-K	
W333204-100G-K	100 g
W333204-1KG-K	1 kg
W333204-5KG-K	5 kg

Butyl acetate

[123-86-4] FEMA 2174 Flavis 9.004
 CH₃COO(CH₂)₃CH₃ C₆H₁₂O₂ FW 116.16
 Arc. 382; *Fen.* 189

► ≥99%, FCC

CoE Nr 194
Organoleptic: banana; fruity; sweet; green
 Kosher, NI

W217409-SAMPLE-K

W217409-1KG-K	1 kg
W217409-4KG-K	9 kg
W217409-20KG-K	20 kg

► natural, ≥98%, FG

CoE Nr 194c

Halal, Kosher

Organoleptic: fruity

W217417-SAMPLE-K

W217417-100G-K	100 g
W217417-1KG-K	1 kg
W217417-4KG-K	4 kg
W217417-9KG-K	9 kg

Butyl alcohol

1-Butanol; *n*-Butanol

[71-36-3] FEMA 2178 Flavis 2.004 CH₃(CH₂)₃OH
 C₄H₁₀O FW 74.12
 Arc. 389; *Fen.* 190

► natural, ≥99.5%, FCC

CoE Nr 52c

Kosher

W217816-SAMPLE-K

W217816-1KG-K	1 kg
W217816-4KG-K	4 kg
W217816-8KG-K	8 kg

► ≥99.9%, FCC

CoE Nr 52

Organoleptic: medicinal; vanilla

Kosher, NI

W217808-SAMPLE-K

W217808-1KG-K	1 kg
W217808-4KG-K	4 kg
W217808-8KG-K	8 kg
W217808-20KG-K	20 kg

Butylamine

1-Aminobutane; *n*-Butylamine

[109-73-9] CH₃(CH₂)₃NH₂ C₄H₁₁N FW 73.14
Fen. 191

► ≥99%

FEMA 3130 Flavis 11.003 CoE Nr 524

Organoleptic: meaty; fishy

Halal, Kosher, NI

W313009-SAMPLE-K

W313009-1KG-K	1 kg
W313009-4KG-K	4 kg
W313009-8KG-K	8 kg
W313009-20KG-K	20 kg

☒ *n*-Butylamine, see Butylamine Page 21

(±)-sec-Butylamine

(±)-2-Aminobutane

[13952-84-6] CH₃CH₂CH(NH₂)CH₃ C₄H₁₁N FW 73.14

► ≥98.5%

FEMA 4240 Flavis 11.005

W424001

Butyl anthranilate

[7756-96-9] 2-(H₂N)C₆H₄CO₂(CH₂)₃CH₃ C₁₁H₁₅NO₂ FW 193.24

Arc. 400; *Fen.* 192

► ≥99%

FEMA 2181 Flavis 9.717 CoE Nr 252

Organoleptic: plum; sweet
 Kosher

W218103-SAMPLE-K

W218103-100G-K	100 g
W218103-1KG-K	1 kg
W218103-5KG-K	5 kg

Butylated hydroxyanisole

2(3)-*t*-Butyl-4-hydroxyanisole; 2(3)-*t*-Butylhydroquinone monomethyl ether; BHA

[25013-16-5] (CH₃)₃CC₆H₃(OCH₃)OH C₁₁H₁₆O₂ FW 180.24

Arc. 469

► ≥98.5%, FCC

FEMA 2183

Halal, Kosher

Fen. 193

W218308-SAMPLE-K

W218308-100G-K	100 g
W218308-1KG-K	1 kg
W218308-5KG-K	5 kg

Butylated hydroxytoluene

2,6-Di-*tert*-butyl-4-methylphenol; BHT; DBPC; 2,6-Di-*tert*-butyl-*p*-cresol; Butylhydroxytoluene

[128-37-0] [(CH₃)₃C]₂C₆H₂(CH₃)OH C₁₅H₂₄O FW 220.35

Arc. 471

► ≥99%, FCC

FEMA 2184

Kosher

Fen. 194

W218405-SAMPLE-K

W218405-1KG-K	1 kg
W218405-10KG-K	10 kg
W218405-25KG-K	25 kg

Butyl benzoate

[136-60-7] C₆H₅COOCH₂CH₂CH₂CH₃ C₁₁H₁₄O₂ FW 178.23

Arc. 403

► ≥98%

Flavis 9.779

Kosher

W515000-SAMPLE-K

W515000-1KG-K	1 kg
W515000-5KG-K	5 kg
W515000-10KG-K	10 kg

Butylbutyrate

Butyl butyrate

[109-21-7] FEMA 2186 Flavis 9.042
 $\text{CH}_3\text{CH}_2\text{CH}_2\text{COO}(\text{CH}_2)_3\text{CH}_3$ $\text{C}_8\text{H}_{16}\text{O}_2$ FW 144.21
 Arc. 412; Fen. 196

► ≥98%, FCC, FG

CoE Nr 268

Organoleptic: apple; banana; berry; peach; pear
 Halal, Kosher, NI

W218618-SAMPLE-K**W218618-1KG-K** 1 kg**W218618-9KG-K** 9 kg**W218618-20KG-K** 20 kg

► natural, ≥98%, FCC

CoE Nr 268c

Kosher

Organoleptic: pineapple

W218626-SAMPLE-K**W218626-1KG-K** 1 kg**W218626-4KG-K** 4 kg**W218626-8KG-K** 8 kg

Butyl butyrlactate

[7492-70-8] FEMA 2190 Flavis 9.491
 $\text{CH}_3\text{CH}(\text{O}_2\text{CCH}_2\text{CH}_2\text{CH}_3)\text{CO}_2(\text{CH}_2)_3\text{CH}_3$ $\text{C}_{11}\text{H}_{20}\text{O}_4$
 FW 216.27

Arc. 417; Fen. 197

► ≥98%, FCC

CoE Nr 2107

Organoleptic: butter; cheese; coconut; creamy,
 waxy

Halal, Kosher

W219002-SAMPLE-K**W219002-1KG-K** 1 kg**W219002-5KG-K** 5 kg**W219002-10KG-K** 10 kg**W219002-25KG-K** 25 kg

► natural (US), ≥98%

CoE Nr 2107c

Organoleptic: butter; cheese; creamy
 Kosher

W219010-SAMPLE-K**W219010-100G-K** 100 g**W219010-1KG-K** 1 kg**W219010-5KG-K** 5 kg

☒ Butyl caproate, see Butyl hexanoate Page 22

2-sec-Butylcyclohexanone

[14765-30-1] $\text{C}_2\text{H}_5\text{CH}(\text{CH}_3)\text{C}_6\text{H}_9(=\text{O})$ $\text{C}_{10}\text{H}_{18}\text{O}$
 FW 154.25

Arc. 434; Fen. 200

► mixture of diastereomers, ≥98%

FEMA 3261 Flavis 7.095 CoE Nr 11044

Organoleptic: musty; woody; vanilla; spicy; green;
 minty
 Kosher, NI

W326100-SAMPLE-K**W326100-100G-K** 100 g**W326100-1KG-K** 1 kg**W326100-5KG-K** 5 kg**W326100-10KG-K** 10 kg

4-tert-Butylcyclohexyl acetate

► ≥98%

Organoleptic: creamy; woody; sweet
 Arc. 440

W507318-SAMPLE**W507318-100G** 100 g**W507318-1KG** 1 kg**W507318-5KG** 5 kg**W507318-10KG** 10 kg

o-tert-Butylcyclohexyl acetate, mixture of isomers

[88-41-5] $(\text{CH}_3)_3\text{CC}_6\text{H}_{10}\text{OC(O)CH}_3$ $\text{C}_{12}\text{H}_{22}\text{O}_2$
 FW 198.30

► ≥99%

Organoleptic: woody; citrus; fruity

W524018-SAMPLE**W524018-1KG** 1 kg**W524018-5KG** 5 kg**W524018-10KG** 10 kg

☒ 4-tert-Butyl-2,6-dimethyl-3,5-dinitroacetophenone, see Musk ketone Page 96

5-sec-Butyl-2,3-dimethylpyrazine (NEW)

2,3-Dimethyl-5-(1-methylpropyl)pyrazine; 2,3-Dimethyl-5-sec-butylpyrazine

[32263-00-6] $\text{C}_{10}\text{H}_{16}\text{N}_2$ FW 164.25

► 98%

Kosher

W530511-SAMPLE-K**W530511-100G-K** 100 g**W530511-500G-K** 500 g

☒ Butyl ethyl carbinol, see 3-Heptanol Page 57
 Butyl ethyl ketone, see 3-Heptanone Page 58

Butyl formate

Formic acid butyl ester

[592-84-7] $\text{HCOO}(\text{CH}_2)_3\text{CH}_3$ $\text{C}_5\text{H}_{10}\text{O}_2$ FW 102.13

Arc. 452; Fen. 205

► ≥97%

FEMA 2196 Flavis 9.163 CoE Nr 501

Organoleptic: plum; wine-like

NI

W219606-SAMPLE**W219606-1KG** 1 kg**W219606-5KG** 5 kg**W219606-20KG** 20 kg

Butyl heptanoate

[5454-28-4] $\text{CH}_3(\text{CH}_2)_5\text{CO}_2(\text{CH}_2)_3\text{CH}_3$ $\text{C}_{11}\text{H}_{22}\text{O}_2$
 FW 186.29

Arc. 462; Fen. 85

► ≥98%

FEMA 2199 Flavis 9.091 CoE Nr 363

Organoleptic: apple; marigold; herbaceous

W219908-SAMPLE**W219908-100G** 100 g**W219908-1KG** 1 kg**W219908-4KG** 4 kg

Butyl hexanoate

Butyl caproate

[626-82-4] $\text{CH}_3(\text{CH}_2)_4\text{CO}_2(\text{CH}_2)_3\text{CH}_3$ $\text{C}_{10}\text{H}_{20}\text{O}_2$
 FW 172.26

Arc. 419; Fen. 86

► ≥98%

FEMA 2201 Flavis 9.063 CoE Nr 313

Organoleptic: fruity; wine-like

Kosher, NI

W220108-SAMPLE-K**W220108-1KG-K** 1 kg**W220108-4KG-K** 4 kg**W220108-9KG-K** 9 kg

☒ 2(3)-t-Butylhydroquinone monomethyl ether, see Butylated hydroxyanisole Page 21
 2(3)-t-Butyl-4-hydroxyanisole, see Butylated hydroxyanisole Page 21

Butyl 4-hydroxybenzoate

Butyl paraben; *p*-Hydroxybenzoic acid *n*-butyl ester; SPF

[94-26-8] $\text{HOCH}_2\text{CO}_2(\text{CH}_2)_3\text{CH}_3$ $\text{C}_{11}\text{H}_{14}\text{O}_3$
 FW 194.23

Arc. 470

► ≥99%

FEMA 2203 Flavis 9.754 CoE Nr 525

NI

Fen. 87

W220302-SAMPLE**W220302-1KG** 1 kg**W220302-5KG** 5 kg**W220302-10KG** 10 kg

☒ Butylhydroxytoluene, see Butylated hydroxytoluene Page 21

3-Butylideneephthalide

[551-08-6] $\text{C}_{12}\text{H}_{12}\text{O}_2$ FW 188.22

Arc. 475; Fen. 86

► mixture of cis and trans isomers, ≥96%

FEMA 3333 Flavis 10.024 CoE Nr 10083

Organoleptic: herbaceous

Kosher, NI

W333301-SAMPLE-K**W333301-100G-K** 100 g**W333301-1KG-K** 1 kg**W333301-5KG-K** 5 kg

Butyl isobutyrate

[97-87-0] $(\text{CH}_3)_2\text{CHCO}_2(\text{CH}_2)_3\text{CH}_3$ $\text{C}_8\text{H}_{16}\text{O}_2$
 FW 144.21

Arc. 413; Fen. 89

► ≥97%, FCC

FEMA 2188 Flavis 9.416 CoE Nr 291

Organoleptic: apple; banana

Kosher, NI

W218804-SAMPLE-K**W218804-1KG-K** 1 kg**W218804-5KG-K** 5 kg**W218804-9KG-K** 9 kg

☒ Butyl isopropyl ketone, see 2-Methyl-3-heptanone Page 87

Butyl isovalerate

[109-19-3] $(\text{CH}_3)_2\text{CHCH}_2\text{COO}(\text{CH}_2)_3\text{CH}_3$ C₉H₁₈O₂
FW 158.24

Arc. 554; Fen. 210

► ≥98%, FCC, FG

FEMA 2218 Flavis 9.449 CoE Nr 444

Organoleptic: apple; ethereal; peach

Halal, Kosher, NI

[W221805-SAMPLE-K](#)

[W221805-1KG-K](#)

1 kg

[W221805-4KG-K](#)

4 kg

[W221805-9KG-K](#)

9 kg

[W221805-20KG-K](#)

20 kg

☒ (-)-Butyl L-lactate, see Butyl (S)-(-)-lactate Page 23

Butyl (S)-(-)-lactate

(-)-Butyl L-lactate

[34451-19-9] CH₃CH(OH)CO₂(CH₂)₃CH₃ C₇H₁₄O₃
FW 146.18

Arc. 481; Fen. 211

► ≥97%

FEMA 2205 CoE Nr 372

Organoleptic: creamy; sweet

Halal, Kosher

[W220507-SAMPLE-K](#)

[W220507-1KG-K](#)

1 kg

[W220507-5KG-K](#)

5 kg

[W220507-10KG-K](#)

10 kg

[W220507-25KG-K](#)

25 kg

Butyl laurate

Lauric acid butyl ester; Butyl dodecanoate

[106-18-3] CH₃(CH₂)₁₀COO(CH₂)₃CH₃ C₁₆H₃₂O₂
FW 256.42

Arc. 482; Fen. 212

► ≥99%

FEMA 2206 Flavis 9.1 CoE Nr 376

Organoleptic: oily

[W220604-100G](#)

100 g

[W220604-1KG](#)

1 kg

[W220604-4KG](#)

4 kg

Butyl levulinate

[2052-15-5] CH₃COCH₂CH₂CO₂(CH₂)₃CH₃ C₉H₁₆O₃
FW 172.22

Arc. 483; Fen. 213

► ≥97%

FEMA 2207 Flavis 9.436 CoE Nr 374

Organoleptic: fruity

[W220701-SAMPLE](#)

[W220701-1KG](#)

1 kg

[W220701-5KG](#)

5 kg

[W220701-10KG](#)

10 kg

☒ Butyl mercaptan, see 1-Butanethiol Page 20

sec-Butyl mercaptan, see 2-Butanethiol Page 21

2-sec-Butyl-3-methoxypyrazine, see 2-Methoxy-3-(1-methylpropyl)pyrazine Page 79

Butyl 2-methylbutyrate

[15706-73-7] FEMA 3393
CH₃CH₂CH(CH₃)COOCH₂CH₂CH₂CH₃ C₉H₁₈O₂
FW 158.24

Fen. 92

► ≥97%, FG

Flavis 9.519 CoE Nr 10534

Organoleptic: chocolate; fruity

Halal, Kosher, NI

[W339318-SAMPLE-K](#)

[W339318-1KG-K](#)

1 kg

[W339318-4KG-K](#)

4 kg

[W339318-9KG-K](#)

9 kg

► natural (US), ≥98%, FG

Kosher

Organoleptic: apple; chocolate; pineapple; tropical; fruity

[W339315-1KG-K](#)

[W339315-100G-K](#)

[W339315-SAMPLE-K](#)

☒ Butyl methyl carbinol, see 2-Hexanol Page 60

(±)-5-Butyl-4-methylidihydro-2(3H)-furanone, see Whiskey

lactone Page 130

7-Butyl-2-oxepanone, see ε-Decalactone Page 33

Butyl paraben, see Butyl 4-hydroxybenzoate Page 22

4-tert-Butylphenol

[98-54-4] (CH₃)₃CC₆H₄OH C₁₀H₁₄O FW 150.22

► ≥99%

FEMA 3918 Flavis 4.064

[W391808-SAMPLE](#)

[W391808-1KG](#)

1 kg

[W391808-9KG](#)

9 kg

[W391808-20KG](#)

20 kg

Butyl phenylacetate

[122-43-0] C₆H₅CH₂CO₂(CH₂)₃CH₃ C₁₂H₁₆O₂

FW 192.25

Arc. 507; Fen. 212

► ≥98%, FCC

FEMA 2209 Flavis 9.787 CoE Nr 2159

Organoleptic: honey; rose

Kosher

[W220906-SAMPLE-K](#)

[W220906-1KG-K](#)

1 kg

[W220906-5KG-K](#)

5 kg

[W220906-10KG-K](#)

10 kg

Butyl propionate

[590-01-2] C₂H₅CO₂(CH₂)₃CH₃ C₇H₁₄O₂ FW 130.18

Arc. 519; Fen. 216

FEMA 2211 Flavis 9.124 CoE Nr 405

Kosher, NI

Organoleptic: banana; ethereal

[W221104-SAMPLE-K](#)

[W221104-1KG-K](#)

1 kg

[W221104-9KG-K](#)

9 kg

[W221104-20KG-K](#)

20 kg

Butyl salicylate

[2052-14-4] C₁₁H₁₄O₃ FW 194.23

► ≥99%

FEMA 3650 Flavis 9.763

[W365009-SAMPLE](#)

[W365009-1KG](#)

1 kg

[W365009-5KG](#)

5 kg

[W365009-10KG](#)

10 kg

Butyl sulfide

Dibutyl sulfide

[544-40-1] CH₃(CH₂)₃S(CH₂)₃CH₃ C₈H₁₈S

FW 146.29

Arc. 890; Fen. 219

► ≥95%

FEMA 2215 Flavis 12.007 CoE Nr 484

Organoleptic: green; herbaceous; alliaceous (onion, garlic)

Kosher, NI

[W221503-SAMPLE](#)

[W221503-1KG-K](#)

1 kg

[W221503-4KG-K](#)

4 kg

[W221503-8KG-K](#)

8 kg

☒ 2-sec-Butylthiazole, see 2-(1-Methylpropyl)thiazole

Page 93

Butyl 10-undecenoate

[109-42-2] H₂C=CH(CH₂)₈CO₂(CH₂)₃CH₃ C₁₅H₂₈O₂

FW 240.38

Arc. 541; Fen. 219

► ≥98%

FEMA 2216 Flavis 9.238 CoE Nr 2103

Organoleptic: butter; wine-like

NI

[W221600-SAMPLE](#)

[W221600-1KG-K](#)

1 kg

[W221600-4KG-K](#)

4 kg

[W221600-9KG-K](#)

9 kg

Butyl valerate

[591-68-4] CH₃(CH₂)₃CO₂(CH₂)₃CH₃ C₉H₁₈O₂

FW 158.24

Arc. 542; Fen. 220

► ≥98%

FEMA 2217 Flavis 9.148 CoE Nr 466

Organoleptic: apple; ethereal; raspberry

NI

[W221708-SAMPLE](#)

[W221708-1KG](#)

1 kg

[W221708-4KG](#)

4 kg

[W221708-9KG](#)

9 kg

☒ Butyl vinyl carbinol, see 1-Hepten-3-ol Page 58

Butyraldehyde

Butyraldehyde

Butanal
[123-72-8] FEMA 2219 Flavis 5.003 CoE Nr 91
 $\text{CH}_3\text{CH}_2\text{CH}_2\text{CHO}$ $\text{C}_4\text{H}_8\text{O}$ FW 72.11
 Arc. 547; Fen. 221

► ≥98%

Natural occurrence: Apple, pear, carrot, white bread, beer, cooked rice.
 Organoleptic: apple; chocolate; creamy; ethereal; meaty; fruity; pear; vegetable
 Kosher, NI

[W221902-SAMPLE-K](#)

W221902-1KG-K	1 kg
W221902-4KG-K	4 kg
W221902-8KG-K	8 kg
W221902-10KG-K	10 kg
W221902-20KG-K	20 kg

► natural, ≥95%

Organoleptic: fruity; meaty; ethereal
 Kosher

[W221910-SAMPLE-K](#)

W221910-25G-K	25 g
W221910-100G-K	100 g
W221910-1KG-K	1 kg

Butyric acid

[107-92-6] FEMA 2221 Flavis 8.005
 $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOH}$ $\text{C}_4\text{H}_8\text{O}_2$ FW 88.11
 Organoleptic: cheese
 Arc. 549; Fen. 222

► ≥99%

CoE Nr 5
 Kosher, NI

[W222100-SAMPLE-K](#)

W222100-1KG-K	1 kg
W222100-10KG-K	10 kg
W222100-25KG-K	25 kg

► natural, ≥99%, FCC, FG

CoE Nr 5c
 Halal, Kosher

[W222119-SAMPLE-K](#)

W222119-1KG-K	1 kg
W222119-5KG-K	5 kg
W222119-10KG-K	10 kg
W222119-25KG-K	25 kg

▣ Butyric acid ethyl ester, see Ethyl butyrate Page 44

Butyric anhydride

Butanoic anhydride
[106-31-0] $(\text{CH}_3\text{CH}_2\text{CH}_2\text{CO})_2\text{O}$ $\text{C}_8\text{H}_{14}\text{O}_3$ FW 158.19

► ≥97.5%

Organoleptic: butter

[W527211-SAMPLE](#)

W527211-1KG	1 kg
W527211-10KG	10 kg
W527211-25KG	25 kg

▣ γ-Butyrolactone, see 4-Hydroxybutanoic acid lactone
 Page 65

Butyrone, see 4-Heptanone Page 58

Butyrophenone

Phenyl propyl ketone
[495-40-9] $\text{C}_6\text{H}_5\text{COCH}_2\text{CH}_2\text{CH}_3$ $\text{C}_{10}\text{H}_{12}\text{O}$
 FW 148.20
 Arc. 553

► ≥99%

Flavis 7.193
 Organoleptic: cherry; vanilla

[W504904-SAMPLE](#)

W504904-25G	25 g
W504904-100G	100 g
W504904-1KG	1 kg

Caffeine

1,3,7-Trimethylxanthine
[58-08-2] $\text{C}_8\text{H}_{10}\text{N}_4\text{O}_2$ FW 194.19

► anhydrous, FCC

FEMA 2224 Flavis 16.016 CoE Nr 11741
 Halal, Kosher, NI
 Arc. 558; Fen. 228

[W222402-SAMPLE-K](#)

W222402-1KG-K	1 kg
W222402-10KG-K	10 kg
W222402-25KG-K	25 kg

Calcium acetate hydrate

[114460-21-8] $(\text{CH}_3\text{COO})_2\text{Ca} \cdot x\text{H}_2\text{O}$ $\text{C}_4\text{H}_6\text{CaO}_4 \cdot x\text{H}_2\text{O}$ FW 158.17 (Anh)

► 99%

FEMA 2228

[W222801-100G](#) 100 g

(+)-Camphene

(1*R*)-2,2-Dimethyl-3-methylenecyclo[2.2.1]heptane
[5794-03-6] $\text{C}_{10}\text{H}_{16}$ FW 136.23
 Arc. 562; Fen. 238

► 95%, FCC

FEMA 2229 CoE Nr 2227

Natural occurrence: Carrot, dill, fennel, tarragon, marjoram, thyme, nutmeg, parsley and pepper.

Organoleptic: vanilla

Kosher, NI

[W222909-SAMPLE-K](#)

W222909-1KG-K	1 kg
W222909-4KG-K	4 kg
W222909-8KG-K	8 kg

D-Camphor

[464-49-3] $\text{C}_{10}\text{H}_{16}\text{O}$ FW 152.23

► ≥97%

FEMA 2230 Flavis 7.215 CoE Nr 140

Kosher, NI

Organoleptic: medicinal; woody; vanilla
 Arc. 565; Fen. 103

[W223018-SAMPLE-K](#)

W223018-1KG-K	1 kg
W223018-5KG-K	5 kg
W223018-10KG-K	10 kg

(±)-Camphor

1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one

[76-22-2] $\text{C}_{10}\text{H}_{16}\text{O}$ FW 152.23

Kosher

[W526606-SAMPLE-K](#)

W526606-1KG-K	1 kg
W526606-10KG-K	10 kg
W526606-25KG-K	25 kg

▣ Camphora oil, see Camphor white oil Page 24

Camphor white oil

Camphora oil; Cinnamomum Camphora Sieb

[8008-51-3] FEMA 2231 CoE Nr 130

Kosher

Fen. 243

from synthetic
 Taiwan origin

[W223115-SAMPLE-K](#)

W223115-1KG-K	1 kg
W223115-4KG-K	4 kg
W223115-9KG-K	9 kg

Canaga oil

Cananga oil

[68606-83-7]

Cananga Odorata

FEMA 2232

Organoleptic: floral; woody

Kosher

Indonesia origin

[W223204-SAMPLE-K](#)

W223204-1KG-K	1 kg
W223204-5KG-K	5 kg

▣ Cananga Odorata, see Canaga oil Page 24

Cananga oil, see Canaga oil Page 24

Canola oil

Rapeseed oil

[120962-03-0]

► analytical standard, for food analysis

Our characterized canola oil sample is intended for use as a control or check sample for fatty acid methyl ester (FAME) analyses. The sample provides an excellent means of standardizing your lipid procedures and comparing your results to other samples.

A certificate of composition is provided with the standard.

[46961](#) 1000 mg

► Certified organic (NOP/EU) NEW

Kosher

Switzerland origin

[W530228-SAMPLE-K](#)

[W530228-5KG-K](#) 5 kg

Caprylic acid, see Decanoic acid Page 33
 Caprylic acid ethyl ester, see Ethyl decanoate Page 44
 Caprylic acid methyl ester, see Methyl decanoate Page 85
 Caprinaldehyde, see Decanal Page 33
 Caproaldehyde, see Hexanal Page 60
 Caproic acid, see Hexanoic acid Page 60
 Caproic acid ethyl ester, see Ethyl hexanoate Page 45
 Caproic acid methyl ester, see Methyl hexanoate Page 87
 Caproic acid propyl ester, see Propyl hexanoate Page 114

ε-Caprolactam

Aza-2-cycloheptanone; 2-Oxohexamethyleneimine [105-60-2] C₆H₁₁NO FW 113.16

► 99%
 FEMA 4235 Flavis 16.052
 NI

[W423501-SAMPLE](#)

[W423501-1KG](#) 1 kg
[W423501-5KG](#) 5 kg

□ γ-Caprolactone, see γ-Hexalactone Page 59
 δ-Caprolactone, see δ-Hexalactone Page 59
 Capryl acetate, see n-Decyl acetate Page 34
 Hexyl acetate Page 63
 Capryl alcohol, see 1-Octanol Page 100
 2-Octanol Page 100
 Caprylic acid, see Octanoic acid Page 100
 Caprylic acid methyl ester, see Methyl octanoate Page 90
 sec-Caprylic alcohol, see 2-Octanol Page 100
 Caprylic aldehyde, see Octanal Page 100
 Caramel furanone, see 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one Page 38
 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution Page 38
 Caraway, see β-Cyclodextrin Page 31

Caraway oil

Carum carvi L.
 [8000-42-8]
 Fen. 67

► FCC
 FEMA 2238

Organoleptic: caraway; warm; spicy
 Kosher

[W223816](#)

□ CARBITOL®, see Di(ethylene glycol) ethyl ether Page 34

Cardamom Oil

[8000-66-6] FEMA 2241
 from *Elettaria cardamomum* (L.)
 Kosher
 Fen. 255

Guatemala origin

► FCC

Organoleptic: cinnamon; citrus; herbaceous; sweet; pepper; spicy; floral; woody; green

[W224111-SAMPLE-K](#)

[W224111-100G-K](#) 100 g
[W224111-1KG-K](#) 1 kg
[W224111-5KG-K](#) 5 kg

Certified organic (NOP/EU)

3-Carene

δ³-Carene; 3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene [13466-78-9] C₁₀H₁₆ FW 136.23
 FEMA 3821 Flavis 1.029
 Organoleptic: lemon

[W382108](#)

□ δ³-Carene, see 3-Carene Page 25

Carob absolute

NEW

[84961-45-5]
 ▶ FG, natural
 FEMA 2243
 from *Ceratonia siliqua*
 Organoleptic: sweet; warm
 Kosher

[W224300-SAMPLE-K](#)

[W224300-100G-K](#) 100 g
[W224300-500G-K](#) 500 g

Carrot seed oil

[8015-88-1]
 FEMA 2244
 from *Daucus carota* L.
 Kosher
 France origin

[W224405-SAMPLE-K](#)

[W224405-100G-K](#) 100 g
[W224405-1KG-K](#) 1 kg
[W224405-5KG-K](#) 5 kg

□ *Carum carvi* L., see Caraway oil Page 25

Carvacrol

5-Isopropyl-2-methylphenol [499-75-2] (CH₃)₂CHC₆H₃(CH₃)OH C₁₀H₁₄O FW 150.22
 Arc. 573; Fen. 262

► ≥98%, FCC
 FEMA 2245 Flavis 4.031 CoE Nr 2055
 Halal, Kosher, NI

[W224502-SAMPLE-K](#)

[W224502-100G-K](#) 100 g
[W224502-1KG-K](#) 1 kg
[W224502-5KG-K](#) 5 kg

□ (−)-Carvone, see (S)-(−)-Limonene Page 75

L-Carveol, mixture of cis and trans

p-Menta-6,8-dien-2-ol; (−)-Carveol, mixture of isomers [99-48-9] C₁₀H₁₆O FW 152.23

► ≥95%, FG
 FEMA 2247 Flavis 2.062 CoE Nr 2027
 Organoleptic: minty; herbaceous
 Halal, Kosher, NI
 Arc. 578; Fen. 264

[W224707-SAMPLE-K](#)

[W224707-100G-K](#) 100 g
[W224707-1KG-K](#) 1 kg
[W224707-5KG-K](#) 5 kg

□ (−)-Carveol, mixture of isomers, see L-Carveol, mixture of cis and trans Page 25
 Carvol, see L-Carvone Page 25

4-Carvomenthenol

4-Terpinenol [562-74-3] C₁₀H₁₈O FW 154.25
 ▶ ≥92%, FCC

FEMA 2248 Flavis 2.072 CoE Nr 2229
Natural Occurrence: Anise, basil, black currant, cocoa, coriander, cranberry, grapefruit, lemon, lime, marjoram, peppermint oil, nutmeg and spearmint.
 Organoleptic: chocolate; grapefruit; lemon; lime; herbaceous; fruity; minty; woody
 Halal, NI
 Arc. 2876; Fen. 238

[W224847-SAMPLE](#)

W224847-250G	250 g
W224847-1KG	1 kg
W224847-5KG	5 kg

4-Carvomenthenol

4-Carvomenthenol; 4-Terpinenol [562-74-3] C₁₀H₁₈O FW 154.25

► natural, ≥92%
 FEMA 2248 Flavis 2.072 CoE Nr 2229c
Natural Occurrence: Anise, basil, black currant, cocoa, coriander, cranberry, grapefruit, lemon, lime, marjoram, peppermint oil, nutmeg and spearmint.
 Organoleptic: grapefruit; lemon; lime; pepper; herbaceous; spicy; woody
 Kosher
 Arc. 2876; Fen. 265

[W224820-SAMPLE-K](#)

W224820-100G-K	100 g
W224820-1KG-K	1 kg
W224820-5KG-K	5 kg

□ (−)-Carvone, see L-Carvone Page 25
 (R)-(−)-Carvone, see L-Carvone Page 25

D-Carvone

(S)-(+)-Carvone; (+)-Carvone; (S)-5-Isopropenyl-2-methyl-2-cyclohexenone; p-Menta-6,8-dien-2-one [2244-16-8] C₁₀H₁₄O FW 150.22

► ≥96%
 FEMA 2249 Flavis 7.146 CoE Nr 146
 Organoleptic: caraway
 Kosher
 Arc. 579; Fen. 266

[W224928-SAMPLE-K](#)

W224928-100G-K	100 g
W224928-1KG-K	1 kg
W224928-5KG-K	5 kg

L-Carvone

p-Menta-6,8-dien-2-one; (R)-(−)-Carvone; (−)-Carvone; (R)-5-Isopropenyl-2-methyl-2-cyclohexenone; Carvol [6485-40-1] C₁₀H₁₄O FW 150.22
 Fen. 266

► ≥97%, FCC
 FEMA 2249 Flavis 7.147
 Organoleptic: minty; herbaceous
 Halal, Kosher, NI
 Arc. 579

[W224901-SAMPLE-K](#)

W224901-1KG-K	1 kg
W224901-5KG-K	5 kg
W224901-10KG-K	10 kg

Carvone

(S)-(+)-Carvone, see D-Carvone Page 25
 (+)-Carvone, see D-Carvone Page 25

(-)-Carvyl acetate

(1RS,5R)-5-Isopropenyl-2-methyl-2-cyclohexenyl acetate

[97-42-7] C₁₂H₁₈O₂ FW 194.27
 Arc. 582; Fen. 267

► mixture of cis and trans, ≥98%, FCC, FG

FEMA 2250 Flavis 9.215 CoE Nr 2063

Organoleptic: minty; green
 Halal, Kosher, NI

W225002-SAMPLE-K

W225002-100G-K	100 g
W225002-1KG-K	1 kg
W225002-10KG-K	10 kg

(-)-Carvyl propionate

► ≥97%

FEMA 2251 Flavis 9.143 CoE Nr 424

Organoleptic: minty; sweet
 Kosher
 Arc. 583; Fen. 268

W225118-SAMPLE-K

W225118-25G-K	25 g
W225118-100G-K	100 g
W225118-1KG-K	1 kg

(−)-trans-Caryophyllene, see β-Caryophyllene Page 26

β-Caryophyllene

(−)-trans-Caryophyllene; trans-(1R,9S)-8-Methylene-4,11,11-trimethylbicyclo[7.2.0]undec-4-ene

[87-44-5] C₁₅H₂₄ FW 204.35
 Arc. 584; Fen. 269

► ≥80%, FCC, FG

FEMA 2252 Flavis 1.007 CoE Nr 2618

Organoleptic: woody; spicy
 Halal, Kosher, NI

W225207-SAMPLE-K

W225207-1KG-K	1 kg
W225207-9KG-K	9 kg
W225207-20KG-K	20 kg

(-)-Caryophyllene oxide

(−)-Epoxycaryophyllene; (1R,4R,6R,10S)-9-Methylene-4,12,12-trimethyl-5-oxatri-cyclo[8.2.0.0^{4,6}]dodecane
 [1139-30-6] C₁₅H₂₄O FW 220.35

► 95%

Flavis 16.043

W509647-SAMPLE

W509647-100G	100 g
W509647-1KG	1 kg
W509647-5KG	5 kg

Cassia oil, see Cinnamon bark oil Page 27

Cassia oil

[8007-80-5] FEMA 2258

from *Cinnamomum cassia* Blume

Organoleptic: cinnamon; sweet; woody; spicy

► cassia oil

CoE Nr 401n

Halal, Kosher

China origin

W225800-SAMPLE-K

W225800-1KG-K	1 kg
W225800-5KG-K	5 kg
W225800-10KG-K	10 kg

► redistilled

Kosher

USA origin

W521205-SAMPLE-K

W521205-1KG-K	1 kg
W521205-5KG-K	5 kg
W521205-10KG-K	10 kg

Cassis bourgens absolute

[68606-81-5]

FEMA 2346

from *Ribes nigrum* L.

Kosher

Organoleptic: berry; fruity; green

W234605-SAMPLE-K

W234605-25G-K	25 g
W234605-100G-K	100 g
W234605-1KG-K	1 kg

Castor oil

NEW

[8001-79-4]

► Certified organic (NOP)

FEMA 2263

from (*Ricinus communis*)

India origin

W226318-SAMPLE

W226318-5KG	5 kg
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CAT, see Hexacosanoic acid tryptamide Page 59

Cedar leaf oil

Methyl 2-hexynoate

[8007-20-3]

FEMA 2267

from *Thuja occidentalis* L.

Organoleptic: sage

USA origin

W226718-SAMPLE

W226718-1KG	1 kg
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Cedarwood oil, Atlas type

NEW

[8023-85-6]

► Certified organic (NOP/EU)

from (*Cedrus atlantica*)

Kosher

France origin

W530143-SAMPLE-K

W530143-1KG-K	1 kg
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Cedarwood oil, Texas

[68990-83-0]

USA origin

from *Juniperus mexicana* Schiede

W522406-SAMPLE

W522406-1KG	1 kg
W522406-10KG	10 kg
W522406-25KG	25 kg

Cedrol

(+)-Cedrol; (1S,2R,5S,7R,8R)-2,6,6,8-Tetramethyltri-cyclo[5.3.1.0^{1,5}]undecan-8-ol

[77-53-2] C₁₅H₂₆O FW 222.37

► redistilled

Flavis 2.12

from *Juniperus mexicana*

Kosher

USA origin

W521418-SAMPLE-K

W521418-1KG-K	1 kg
W521418-5KG-K	5 kg
W521418-10KG-K	10 kg

(+)-Cedrol, see Cedrol Page 26

Cedryl acetate

(+)-Cedryl acetate

[77-54-3] C₁₇H₂₈O₂ FW 264.40

Flavis 9.171

W521507-SAMPLE

W521507-1KG	1 kg
W521507-5KG	5 kg
W521507-10KG	10 kg

(+)-Cedryl acetate, see Cedryl acetate Page 26

Celery seed oil

[8015-90-5]

Fen. 284

► FCC

FEMA 2271

from *Apium graveolens* L.

Organoleptic: spicy

Kosher

India origin

W227102-SAMPLE-K

W227102-250G-K	250 g
W227102-1KG-K	1 kg
W227102-4KG-K	4 kg
W227102-8KG-K	8 kg

Cerasin Red, see Sudan III Page 120

Cerotic acid tryptamide, see Hexacosanoic acid tryptamide Page 59

Cetyl alcohol, see 1-Hexadecanol Page 59

Chamomile absolute

NEW

Chamomile oil, Hungarian; Chamomile oil, blue; German chamomile [8002-66-2]

► natural (US)

from *Matricaria chamomilla* L.

Kosher

Organoleptic: floral; warm; rich

[W530358-SAMPLE-K](#)

[W530358-100G-K](#) 100 g

☒ Chamomile oil, blue, see Chamomile absolute Page 27
Chamomile oil, German Page 27

Chamomile oil, blue

Chamomile oil, Hungarian; German chamomile [8002-66-2]

FEMA 2273

from *Matricaria chamomilla* L.

Kosher

Egypt origin

[W227307-SAMPLE-K](#)

[W227307-25G-K](#) 25 g

[W227307-100G-K](#) 100 g

[W227307-1KG-K](#) 1 kg

Chamomile oil, German

NEW

Chamomile oil, Hungarian; Chamomile oil, blue; German chamomile [8002-66-2]

► Certified organic (NOP/EU)

FEMA 2273

from *Matricaria chamomilla* L.

Kosher

Nepal origin

[W227315-SAMPLE-K](#)

[W227315-100G-K](#) 100 g

☒ Chamomile oil, Hungarian, see Chamomile absolute Page 27
Chamomile oil, blue Page 27
Chamomile oil, German Page 27

Chamomile oil, Moroccan

[68916-68-7]

from *Ormenis multicaulis*

Kosher

Morocco origin

[W521302-SAMPLE-K](#)

[W521302-100G-K](#) 100 g

[W521302-1KG-K](#) 1 kg

Chamomile oil, Roman

[8015-92-7]

FEMA 2275

from *Anthemis nobilis* L

Kosher

[W227501-SAMPLE-K](#)

[W227501-100G-K](#) 100 g

[W227501-1KG-K](#) 1 kg

☒ Champaca wood oil, see Guaiac wood oil Page 57
Chavicol methyl ether, see 4-Allylanisole Page 10
2-[4-(3-Chloro-2-hydroxypropoxy)phenyl]-2-[4-(glycidyloxy)phenyl]propane, see Bisphenol A (3-chloro-2-hydroxypropyl) glycidyl ether Page 19
2-[4-(3-Chloro-2-hydroxypropoxy)phenyl]-2-[4-(2,3-dihydroxypropoxy)phenyl]propane, see Bisphenol A (3-chloro-2-hydroxypropyl) (2,3-dihydroxypropyl) ether Page 19
2H-Chromen-2-one, see Coumarin Page 30
Coumarin, Chinese Page 30
Chrysanthemum monocarboxylic acid ethyl ester, see Ethyl chrysanthemate Page 44

1,4-Cineole

1-Isopropyl-4-methyl-7-oxabicyclo[2.2.1]heptane [470-67-7] $C_{10}H_{18}O$ FW 154.25

Arc. 615; *Fen.* 298

► FG

FEMA 3658 Flavis 3.007 CoE Nr 11225

Organoleptic: spicy; vanilla

Halal, NI

[W365807-SAMPLE](#)

[W365807-100G](#) 100 g

[W365807-1KG](#) 1 kg

[W365807-4KG](#) 4 kg

☒ 1,8-Cineole, see Eucalyptol Page 51

Cinnamaldehyde

3-Phenylprop-2-enal [104-55-2] $C_6H_5CH=CHCHO$ C_9H_8O FW 132.16

Arc. 619; *Fen.* 299

► natural, ≥93%, FG

FEMA 2286 Flavis 5.014 CoE Nr 102c

from cassia oil

Organoleptic: cinnamon; clove; spicy

Halal, Kosher

[W228613-SAMPLE-K](#)

[W228613-100G-K](#) 100 g

[W228613-1KG-K](#) 1 kg

[W228613-5KG-K](#) 5 kg

trans-Cinnamaldehyde

trans-3-Phenyl-2-propenal [14371-10-9] $C_6H_5CH=CHCHO$ C_9H_8O FW 132.16

Arc. 619; *Fen.* 113

► ≥98%, FCC

FEMA 2286 CoE Nr 102

Buildingblock - Cinnamaldehyde is an unsaturated aldehyde so it can easily react to many different compounds to be used in a wide range of fragrance compositions. It is also a building block for several agrochemicals (miticides) or for derivatives like cinnamic alcohol, 3-phenylpropanol, cinnamonic acid, 3-phenylpropionylaldehyde (fragrances as an alternative to enalapril, lisinopril and ramipril).

Organoleptic: cinnamon; clove; spicy; sweet; vanilla Halal, Kosher, NI

[W228605-SAMPLE-K](#)

[W228605-1KG-K](#) 1 kg

[W228605-10KG-K](#) 10 kg

[W228605-25KG-K](#) 25 kg

☒ Cinnamic acid, see trans-Cinnamic acid Page 27

trans-Cinnamic acid

Cinnamic acid; *trans*-3-Phenylacrylic acid

[140-10-3] FEMA 2288 $C_6H_5CH=CHCOOH$

$C_6H_5O_2$ FW 148.16

Arc. 617; *Fen.* 301

► ≥99%, FG

CoE Nr 22

Organoleptic: cinnamon; honey; spicy; floral; sweet Halal, Kosher, NI

[W228818-SAMPLE-K](#)

[W228818-1KG-K](#) 1 kg

[W228818-10KG-K](#) 10 kg

[W228818-25KG-K](#) 25 kg

► natural, ≥99%, FCC

CoE Nr 22c

Halal, Kosher

Organoleptic: honey; floral

[W228826-SAMPLE-K](#)

[W228826-25G-K](#) 25 g

[W228826-100G-K](#) 100 g

[W228826-1KG-K](#) 1 kg

[W228826-5KG-K](#) 5 kg

☒ Cinnamic acid benzyl ester, see Benzyl cinnamate

Page 18

Cinnamomum, see Cinnamon bark oil Page 27

Cinnamomum Camphora Sieb, see Camphor white oil Page 24

Cinnamomum Cassia, see Cassia oil Page 26

Cinnamomum Zeylanicum, see Cinnamon oil, ceylon type Page 27

Cinnamon oil, ceylon type Page 28

Cinnamon bark oil

Cinnamomum; Cassia oil

[8015-91-6] FEMA 2291

► Certified organic (NOP/EU)

NEW

from *Cinnamomum zeylanicum*

Kosher

[W229140-SAMPLE-K](#)

[W229140-1KG-K](#) 1 kg

► FCC

from *Cinnamomum zeylanicum* Blume

Organoleptic: sweet; spicy

Halal, Kosher

Sri Lanka origin

[W229105-SAMPLE-K](#)

[W229105-250G-K](#) 250 g

[W229105-1KG-K](#) 1 kg

Cinnamon leaf oil

[8015-91-6] FEMA 2292

Kosher

► Ceylon origin, FCC

from *Cinnamomum zeylanicum* Blume

[W229210-SAMPLE-K](#)

[W229210-1KG-K](#) 1 kg

[W229210-5KG-K](#) 5 kg

[W229210-10KG-K](#) 10 kg

► Certified organic (NOP/EU)

NEW

[W229208-SAMPLE-K](#)

[W229208-1KG-K](#) 1 kg

Cinnamonoilceyl

Cinnamon oil, ceylon type	Cinnamyl alcohol	Cinnamyl isobutyrate
<i>Cinnamomum zeylanicum</i> [8015-91-6] <i>Fen.</i> 306; <i>Fen.</i> 303	3-Phenyl-2-propen-1-ol [104-54-1] $C_6H_5CH=CHCH_2OH$ $C_9H_{10}O$ FW 134.18 Arc. 618; <i>Fen.</i> 307	[103-59-3] $(CH_3)_2CHCO_2CH_2CH=CHC_6H_5$ $C_{13}H_{16}O_2$ FW 204.26 Arc. 630; <i>Fen.</i> 311
► FCC	► ≥98%	► ≥97%, FCC
FEMA 2292 <i>Organoleptic:</i> cinnamon Kosher Sri Lanka origin	FEMA 2294 Flavis 2.017 CoE Nr 65 <i>Organoleptic:</i> balsam; hyacinth; sweet Halal, Kosher, NI	FEMA 2297 Flavis 9.47 CoE Nr 496 <i>Organoleptic:</i> balsam; fruity; sweet Kosher
W229202-SAMPLE-K	W229407-SAMPLE-K	W229709-SAMPLE-K
W229202-1KG-K	W229407-1KG-K 1 kg	W229709-1KG-K 1 kg
W229202-5KG-K	W229407-5KG-K 5 kg	W229709-5KG-K 5 kg
	W229407-10KG-K 10 kg	W229709-10KG-K 10 kg
	W229407-25KG-K 25 kg	
Cinnamyl acetate	trans-Cinnamyl butyrate	trans-Cinnamyl isovalerate
[103-54-8] $CH_3CO_2CH_2CH=CHC_6H_5$ $C_{11}H_{12}O_2$ FW 176.21 Arc. 626; <i>Fen.</i> 306	[78761-39-4] $CH_3CH_2CH_2CO_2CH_2CH=CHC_6H_5$ $C_{13}H_{16}O_2$ FW 204.26 Arc. 629; <i>Fen.</i> 309	[69121-78-4] $(CH_3)_2CHCH_2CO_2CH_2CH=CHC_6H_5$ $C_{14}H_{18}O_2$ FW 218.29 Arc. 648; <i>Fen.</i> 312
► ≥98%, FCC	► ≥96%, FCC	► ≥95%, FCC
FEMA 2293 Flavis 9.018 CoE Nr 208 <i>Organoleptic:</i> floral; balsamic Kosher, NI	FEMA 2296 CoE Nr 279 <i>Organoleptic:</i> balsam; floral; fruity Halal, Kosher	FEMA 2302 CoE Nr 454 <i>Organoleptic:</i> balsam; blueberry; grape; honey; spicy; fruity; pear; rose; sour; woody; wine-like Kosher
W229318-SAMPLE-K	W229601-SAMPLE-K	W230200-SAMPLE-K
W229318-1KG-K	W229601-1KG-K 1 kg	W230200-100G-K 100 g
W229318-5KG-K	W229601-5KG-K 5 kg	W230200-1KG-K 1 kg
W229318-10KG-K	W229601-10KG-K 10 kg	W230200-5KG-K 5 kg
W229318-25KG-K		
	Cinnamyl cinnamate, mixture of isomers	trans-Cinnamyl propionate
[122-69-0] $C_6H_5CH=CHCO_2CH_2CH=CHC_6H_5$ $C_{18}H_{16}O_2$ FW 264.32 Arc. 633; <i>Fen.</i> 310	[78761-38-3] $C_2H_5CO_2CH_2CH=CHC_6H_5$ $C_{12}H_{14}O_2$ FW 190.24 Arc. 644; <i>Fen.</i> 314	[78761-38-3] $C_2H_5CO_2CH_2CH=CHC_6H_5$ $C_{12}H_{14}O_2$ FW 190.24 Arc. 644; <i>Fen.</i> 314
► ≥95%	► ≥95%	► ≥97%
FEMA 2298 Flavis 9.739 CoE Nr 332 <i>Organoleptic:</i> almond; balsam; berry; carnation; cinnamon; honey; jasmine; nutty; floral; rose; sweet Kosher, NI	FEMA 2301 CoE Nr 414 <i>Organoleptic:</i> balsam; spicy; fruity Kosher	FEMA 2301 CoE Nr 414 <i>Organoleptic:</i> balsam; spicy; fruity Kosher
W229806-SAMPLE-K	W230103-SAMPLE-K	W230103-SAMPLE-K
W229806-100G-K	W230103-100G-K 100 g	W230103-100G-K 100 g
W229806-1KG-K	W230103-1KG-K 1 kg	W230103-1KG-K 1 kg
W229806-5KG-K	W230103-5KG-K 5 kg	W230103-5KG-K 5 kg
	Cinnamyl formate	Citral
[104-65-4] $HCO_2CH_2CH=CHC_6H_5$ $C_{10}H_{10}O_2$ FW 162.19 Arc. 636; <i>Fen.</i> 311	[5392-40-5] F FEMA 2303 Flavis 5.02 $(CH_3)_2C=CHCH_2CH_2C(CH_3)=CHCHO$ $C_{10}H_{16}O$ FW 152.23 <i>Organoleptic:</i> lemon Arc. 649; <i>Fen.</i> 315	Geranial and neral mixture; 3,7-Dimethyl-2,6-octadienal
► ≥92%, FCC	► mixture of <i>cis</i> and <i>trans</i> , ≥96%	
FEMA 2299 Flavis 9.085 CoE Nr 352 <i>Organoleptic:</i> balsam; green; herbaceous Kosher	CoE Nr 109 Halal, Kosher, NI	
W229903-SAMPLE-K	W230308-SAMPLE-K	W230308-SAMPLE-K
W229903-100G-K	W230308-1KG-K 1 kg	W230308-1KG-K 1 kg
W229903-1KG-K	W230308-9KG-K 9 kg	W230308-9KG-K 9 kg
W229903-5KG-K	W230308-20KG-K 20 kg	W230308-20KG-K 20 kg
	► natural, ≥95%, FCC	
	CoE Nr 109c from <i>Litsea cubeba</i> Pers. Kosher	
	W230316-SAMPLE-K	W230316-SAMPLE-K
	W230316-1KG-K 1 kg	W230316-1KG-K 1 kg
	W230316-4KG-K 4 kg	W230316-4KG-K 4 kg
	W230316-9KG-K 9 kg	W230316-9KG-K 9 kg



Citral diethyl acetal

[7492-66-2] C₁₄H₂₆O₂ FW 226.36
Arc. 651; Fen. 317

► ≥93%

FEMA 2304 Flavis 6.004 CoE Nr 38
Organoleptic: oily; citrus; green

Halal, Kosher

[W230405-SAMPLE-K](#)

W230405-100G-K	100 g
W230405-1KG-K	1 kg
W230405-4KG-K	4 kg

Citral dimethyl acetal

3,7-Dimethyl-2,6-octadienal dimethyl acetal
[7549-37-3] (CH₃)₂C=CHCH₂CH₂C(CH₃)=CHCH(OCH₃)₂ C₁₂H₂₂O₂ FW 198.30
mixture of *cis* and *trans*
Arc. 652; Fen. 122

► ≥95%

FEMA 2305 Flavis 6.005 CoE Nr 39
Organoleptic: lemon
Halal, Kosher

[W230502-SAMPLE-K](#)

W230502-100G-K	100 g
W230502-1KG-K	1 kg
W230502-4KG-K	4 kg

Citric acid

[77-92-9] HOC(COOH)(CH₂COOH)₂ C₆H₈O₇
FW 192.12
Arc. 657; Fen. 318

► ≥99.5%, FCC

FEMA 2306 CoE Nr 20c
Kosher
NI

[W230618-SAMPLE-K](#)

W230618-1KG-K	1 kg
W230618-10KG-K	10 kg
W230618-25KG-K	25 kg

☒ Citric acid trisodium salt dihydrate, see Sodium citrate dihydrate Page 119
Citronella grass oil, see Citronella oil, Chinese 85/35 Page 29
Citronella oil, Java Page 29

(±)-Citronellal

(±)-3,7-Dimethyl-6-octenal

[106-23-0] FEMA 2307 Flavis 5.021 (CH₃)₂C=CHCH₂CH₂CH(CH₃)CH₂CHO C₁₀H₁₈O FW 154.25
Arc. 658; Fen. 321

► ≥80%

CoE Nr 110

Organoleptic: cherry; lemon; green; rose; sweet
Kosher

[W230707-SAMPLE-K](#)

W230707-1KG-K	1 kg
W230707-4KG-K	4 kg
W230707-8KG-K	8 kg

► natural, ≥85%, FCC

CoE Nr 110c
Organoleptic: lemon; citrus; green
Fen. 321

[W230715-SAMPLE](#)

W230715-1KG	1 kg
W230715-4KG	4 kg
W230715-8KG	8 kg

Citronella oil, Chinese 85/35

Citronella grass oil; Cymbopogon winterianus [8000-29-1]
Fen. 321

FEMA 2308

Organoleptic: lemon
Kosher
Indonesia origin

[W230804-SAMPLE-K](#)

W230804-1KG-K	1 kg
W230804-4KG-K	4 kg

Citronella oil, Java

Citronella grass oil; Cymbopogon winterianus [8000-29-1] FEMA 2308

Kosher

Fen. 321

► natural, 85/35%

Organoleptic: lemon
Indonesia origin

[W230812-SAMPLE-K](#)

W230812-1KG-K	1 kg
W230812-4KG-K	4 kg
W230812-8KG-K	8 kg
W230812-20KG-K	20 kg

► Certified organic (NOP/EU) NEW

[W230840-SAMPLE-K](#)

W230840-1KG-K	1 kg
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☒ Citronellic acid, see 3,7-Dimethyl-6-octenoic acid Page 39

Citronellol

[106-22-9] (CH₃)₂C=CHCH₂CH₂CH(CH₃)CH₂CH₂OH C₁₀H₂₀O FW 156.27
Arc. 669; Fen. 323

► ≥95%, FCC

FEMA 2309 Flavis 2.011 CoE Nr 59
Organoleptic: geranium; rose
Kosher, NI

[W230901-SAMPLE-K](#)

W230901-1KG-K	1 kg
W230901-4KG-K	4 kg
W230901-9KG-K	9 kg

☒ L-Citronellol, see Rhodinol Page 117

(S)-(-)-β-Citronellol

(S)-3,7-Dimethyl-6-octen-1-ol; β-Rhodinol

[7540-51-4] (CH₃)₂C=CHCH₂CH₂CH(CH₃)CH₂CH₂OH C₁₀H₂₀O FW 156.27

► ≥99%

Flavis 2.229

[W509205-SAMPLE](#)

W509205-25G	25 g
W509205-100G	100 g
W509205-1KG	1 kg

Citronellyl acetate

[150-84-5] CH₃CO₂CH₂CH₂CH(CH₃)CH₂CH₂CH=CH₂ C₁₁H₂₀O₂ FW 198.30

Arc. 671; Fen. 325

► FCC

FEMA 2311 Flavis 9.012 CoE Nr 202
Organoleptic: lemon; citrus; rose
Kosher

[W231118-SAMPLE-K](#)

W231118-1KG-K	1 kg
W231118-9KG-K	9 kg
W231118-20KG-K	20 kg

Citronellyl formate

[105-85-1] HCO₂CH₂CH₂CH(CH₃)CH₂CH₂CH=C(CH₃)₂ C₁₁H₂₀O₂ FW 184.28

Arc. 683; Fen. 327

► FCC

FEMA 2314 Flavis 9.078 CoE Nr 345
Organoleptic: apricot; honey; peach; plum; rose
Kosher, NI

[W231401-SAMPLE-K](#)

W231401-1KG-K	1 kg
W231401-4KG-K	4 kg
W231401-9KG-K	9 kg

Citronellyl isobutyrate

[97-89-2] (CH₃)₂CHCO₂CH₂CH₂CH(CH₃)CH₂CH₂CH=CH₂ C₁₄H₂₆O₂ FW 226.36

Arc. 675; Fen. 328

► ≥92%, FCC

FEMA 2313 Flavis 9.421 CoE Nr 296
Organoleptic: fruity; rose
Kosher

[W231304-SAMPLE-K](#)

W231304-1KG-K	1 kg
W231304-4KG-K	4 kg
W231304-9KG-K	9 kg

Citronellyl propionate

[141-14-0] FEMA 2316 Flavis 9.129 C₉H₁₅CO₂CH₂CH₂CH(CH₃)CH₂CH₂CH=C(CH₃)₂ C₁₃H₂₄O₂ FW 212.33

Organoleptic: fruity; rose

Arc. 691; Fen. 330

► ≥90%, FCC

CoE Nr 410

Kosher, NI

[W231606-SAMPLE-K](#)

W231606-1KG-K	1 kg
W231606-4KG-K	4 kg
W231606-9KG-K	9 kg

Citronellylprop

► natural (US), ≥80%

CoE Nr 410c

[W231614-SAMPLE](#)[W231614-25G](#)

25 g

[W231614-100G](#)

100 g

[W231614-1KG](#)

1 kg

Citronellyl tiglate, mixture of isomers

[255714-11-5] $\text{CH}_3\text{CH}=\text{C}(\text{CH}_3)\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$
 $\text{C}_{15}\text{H}_{26}\text{O}_2$ FW 238.37

Arc. 693

► ≥96%

Flavis 9.34

Organoleptic: fruity; rose

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W500607-SAMPLE-K](#)[W500607-100G-K](#)

100 g

[W500607-1KG-K](#)

1 kg

[W500607-4KG-K](#)

4 kg

Citronellyl valerate

[7540-53-6]
 $\text{CH}_3(\text{CH}_2)_3\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$
 $\text{C}_{15}\text{H}_{28}\text{O}_2$ FW 240.38

Arc. 694; Fen. 331

► ≥85%

FEMA 2317 Flavis 9.151 CoE Nr 469

Organoleptic: honey; herbaceous; rose
NI[W231703-SAMPLE](#)[W231703-100G](#)

100 g

[W231703-1KG](#)

1 kg

[W231703-4KG](#)

4 kg

☒ Citrus Aurantifolia Swingle, see Lime oil Page 75
 Citrus lemon, see Lemon oil Page 75

Clove bud extract

NEW

[84961-50-2]

► natural, FG

FEMA 2322

from *Eugenia caryophyllata*

Kosher

Organoleptic: spicy[W232200-SAMPLE-K](#)[W232200-100G-K](#)

100 g

[W232200-500G-K](#)

500 g

Clove bud oil

Oil of cloves; Clove oil; *Eugenia* spp.

[8000-34-8] FEMA 2323

Fen. 337

► natural (US), FCC

Organoleptic: clove; woody; spicy

Halal, Kosher

Indonesia origin

[W232300-SAMPLE-K](#)[W232300-1KG-K](#)

1 kg

[W232300-5KG-K](#)

5 kg

[W232300-10KG-K](#)

10 kg

Certified organic (NOP/EU)

NEW

Kosher

Madagascar origin

[W232314-SAMPLE-K](#)[W232314-1KG-K](#)

1 kg

☒ Clove oil, see Clove bud oil Page 30
 Coconut fat, see Coconut oil Page 30

Coconut oil

NEWCopa oil; Coconut fat; Coconut oil from *Cocos nucifera*

[8001-31-8]

► virgin, Certified organic (NOP/EU)

Philippines origin

[W530155-SAMPLE](#)[W530155-5KG](#)

5 kg

Cognac oil

Grape seed oil

[8016-21-5]

from *Vitis vinifera*

► white

FEMA 2332

Organoleptic: fruity; wine-like

France origin

[W233218-SAMPLE](#)[W233218-100G](#)

100 g

[W233218-1KG](#)

1 kg

► green, natural

FEMA 2331

Organoleptic: wine-like[W233100-SAMPLE](#)[W233100-25G](#)

25 g

[W233100-250G](#)

250 g

☒ Commiphora Erythraea, see Opopanax oil Page 103
 Commiphora molmol spp., see Myrrh oil Page 96
 Conyrene, see 2-Propylpyridine Page 116

Copaiba balsam oil

[8001-61-4]

from *Copaiifera*, South American spp.

Kosher

Brazil origin

[W521809-SAMPLE-K](#)[W521809-1KG-K](#)

1 kg

[W521809-10KG-K](#)

10 kg

[W521809-25KG-K](#)

25 kg

Copaiba balsam, bleached

[9000-12-8]

from *Copaiifera*, South American spp.

Kosher

[W521906-SAMPLE-K](#)[W521906-1KG-K](#)

1 kg

[W521906-10KG-K](#)

10 kg

[W521906-25KG-K](#)

25 kg

☒ Copra oil, see Coconut oil Page 30

Coriander oil

[8008-52-4]

Fen. 351

► FCC

FEMA 2334

from *Coriandrum sativum* L.*Organoleptic:* fruity; sweet

Kosher

Russia origin

[W233404-SAMPLE-K](#)[W233404-1KG-K](#)

1 kg

[W233404-4KG-K](#)

4 kg

[W233404-8KG-K](#)

8 kg

[W233404-20KG-K](#)

20 kg

Cornmint oil

[68917-18-0] FEMA 4219

Kosher

► redistilled

from *Mentha arvensis**Organoleptic:* minty; camphoraceous

China origin

[W521701-SAMPLE-K](#)[W521701-1KG-K](#)

1 kg

[W521701-10KG-K](#)

10 kg

► chinese type

from *Mentha arvensis**Organoleptic:* minty; camphoraceous

China origin

[W521604-SAMPLE-K](#)[W521604-1KG-K](#)

1 kg

[W521604-10KG-K](#)

10 kg

► Certified organic (NOP/EU)

NEW

India origin

[W421906-SAMPLE-K](#)[W421906-1KG-K](#)

1 kg

Costus oil

[8023-88-9]

► natural

FEMA 2336

from *Saussurea lappa* Clarke*Organoleptic:* violet

Kosher

France origin

[W233609-SAMPLE-K](#)[W233609-25G-K](#)

25 g

[W233609-100G-K](#)

100 g

[W233609-1KG-K](#)

1 kg

Coumarin

1,2-Benzopyrone; 1-Benzopyran-2-one; 2H-Chromen-2-one

[91-64-5] $\text{C}_9\text{H}_6\text{O}_2$ FW 146.14

Arc. 704; Fen. 131

► ≥98%

[W504300](#)

☒ Coumarin, see Coumarin, Chinese Page 30

Coumarin, Chinese

1,2-Benzopyrone; Coumarin; 1-Benzopyran-2-one;
2H-Chromen-2-one
[91-64-5] C₉H₈O₂ FW 146.14
Arc. 704; Fen. 131
from synthetic
China origin

W526509-SAMPLE

W526509-1KG	1 kg
W526509-5KG	5 kg
W526509-10KG	10 kg

☒ Creosol, see 2-Methoxy-4-methylphenol Page 79

***o*-Cresol**

2-Methylphenol
[95-48-7] CH₃C₆H₄OH C₇H₈O FW 108.14
▶ ≥99%
FEMA 3480 Flavis 4.027 CoE Nr 618
Organoleptic: musty; medicinal
Halal, Kosher, NI

W348007-SAMPLE-K	
W348007-1KG-K	1 kg
W348007-10KG-K	10 kg
W348007-25KG-K	25 kg

***m*-Cresol**

3-Methylphenol
[108-39-4] CH₃C₆H₄OH C₇H₈O FW 108.14
Arc. 707
▶ ≥98%
FEMA 3530 Flavis 4.026 CoE Nr 617
Organoleptic: woody; ethereal; medicinal
Halal, Kosher, NI

W353000-SAMPLE-K	
W353000-1KG-K	1 kg
W353000-10KG-K	10 kg
W353000-25KG-K	25 kg

***p*-Cresol**

4-Methylphenol
[106-44-5] CH₃C₆H₄OH C₇H₈O FW 108.14
Arc. 708; Fen. 358
▶ ≥98%
FEMA 2337 Flavis 4.028 CoE Nr 619
Organoleptic: medicinal
Kosher, NI

W233706-SAMPLE-K	
W233706-1KG-K	1 kg
W233706-5KG-K	5 kg
W233706-10KG-K	10 kg
W233706-25KG-K	25 kg

☒ *p*-Cresyl acetate, see *p*-Tolyl acetate Page 124
Crocine Scarlet MOO, see Acid Red 73 Page 10
Cumic alcohol, see 4-Isopropylbenzyl alcohol Page 71

Cuminaldehyde

4-Isopropylbenzaldehyde
[122-03-2] (CH₃)₂CHC₆H₄CHO C₁₀H₁₂O FW 148.20
Arc. 753; Fen. 363
▶ ≥98%, FCC
FEMA 2341 Flavis 5.022 CoE Nr 111
Organoleptic: oily; woody
Halal, Kosher, NI

W234109-SAMPLE-K	
W234109-1KG-K	1 kg
W234109-5KG-K	5 kg
W234109-10KG-K	10 kg

Cyclohexanecarboxylic acid

Hexahydrobenzoic acid
[98-89-5] C₆H₁₁CO₂H C₇H₁₂O₂ FW 128.17
▶ ≥98%
FEMA 3531 Flavis 8.06 CoE Nr 11911
Organoleptic: fruity; fatty
Kosher, NI

W353108-SAMPLE-K	
W353108-100G-K	100 g
W353108-1KG-K	1 kg
W353108-5KG-K	5 kg

Cyclohexanone

[108-94-1] C₆H₁₀(=O) C₆H₁₀O FW 98.14
▶ 99.8%
FEMA 3909 Flavis 7.148

W390909-SAMPLE	
W390909-1KG	1 kg
W390909-10KG	10 kg
W390909-25KG	25 kg

☒ Cyclohexapyrazine, see 5,6,7,8-Tetrahydroquinoxaline Page 123

Cumin seed oil

[8014-13-9]
▶ natural, FG
FEMA 2343 from *Cuminum cyminum*
Kosher

W234300-SAMPLE-K	
W234300-100G-K	100 g
W234300-1KG-K	1 kg

β-Cyclocitral

2,6,6-Trimethyl-1-cyclohexene-1-carboxaldehyde
[432-25-7] C₁₀H₁₆O FW 152.23
Arc. 760

▶ ≥90%, FG
FEMA 3639 Flavis 5.121 CoE Nr 10326
Organoleptic: fruity; minty; green
Halal, Kosher, NI

W363928-SAMPLE-K	
W363928-25G-K	25 g
W363928-100G-K	100 g
W363928-1KG-K	1 kg

β-Cyclodextrin

Cycloheptaamyllose; Cyclomaltoheptaose; Scharadinger β-Dextrin; Caraway

[7585-39-9] C₄₂H₇₀O₃₅ FW 1134.98
FEMA 4028

W402826-SAMPLE	
W402826-25G	25 g
W402826-100G	100 g

☒ Cyclodithalfarol-705, see 2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane Page 37
Cycloheptaamyllose, see β-Cyclodextrin Page 31

Cyclohexaneacetic acid

Cyclohexylacetic acid
[5292-21-7] C₆H₁₁CH₂CO₂H C₈H₁₄O₂ FW 142.20
Arc. 772; Fen. 134

▶ ≥98%
FEMA 2347 Flavis 8.034 CoE Nr 34
Organoleptic: jasmine

W234702-SAMPLE	
W234702-25G	25 g
W234702-100G	100 g
W234702-1KG	1 kg

Cyclohexyl butyrate

[1551-44-6] CH₃CH₂CH₂CO₂C₆H₁₁ C₁₀H₁₈O₂
FW 170.25
Arc. 784; Fen. 137

▶ ≥98%
FEMA 2351 Flavis 9.23 CoE Nr 2082
Organoleptic: apple; pineapple
Kosher

W235105-SAMPLE-K	
W235105-1KG-K	1 kg
W235105-5KG-K	5 kg
W235105-10KG-K	10 kg

☒ Cyclohexyl disulfide, see Dicyclohexyl disulfide Page 34

Cyclohexylisovalova

Cyclohexyl isovalerate

Cyclohexyl 3-methylbutanoate
[7774-44-9] (CH₃)₂CHCH₂CO₂C₆H₁₁ C₁₁H₂₀O₂
FW 184.28
Arc. 808; *Fen.* 375

► ≥98%
FEMA 2355 Flavis 9.464 CoE Nr 459
Organoleptic: fruity; green; sweet

W235504-SAMPLE

W235504-1KG	1 kg
W235504-5KG	5 kg
W235504-10KG	10 kg

☒ Cyclohexyl 3-methylbutanoate, see Cyclohexyl isovalerate Page 32

Cyclohexyl propionate

[6222-35-1] C₆H₅CO₂C₆H₁₁ C₉H₁₆O₂ FW 156.22
Arc. 805; *Fen.* 139

► ≥99%
FEMA 2354 Flavis 9.14 CoE Nr 421
Organoleptic: banana; pineapple; sweet
Kosher

W235407-SAMPLE-K

W235407-1KG-K	1 kg
W235407-5KG-K	5 kg
W235407-10KG-K	10 kg

☒ Cyclomaltoheptaose, see β-Cyclodextrin Page 31

Cyclopentanethiol

Cyclopentyl mercaptan
[1679-07-8] C₅H₉SH C₅H₁₀S FW 102.20

► ≥97%
FEMA 3262 Flavis 12.029 CoE Nr 2321
Organoleptic: meaty; vegetable; alliaceous (onion, garlic)
Kosher, NI
Fen. 378

W326208-SAMPLE-K

W326208-25G-K	25 g
W326208-100G-K	100 g
W326208-1KG-K	1 kg

Cyclopentanone

[120-92-3] C₅H₈(=O) C₅H₈O FW 84.12

► ≥99%
FEMA 3910 Flavis 7.149
Kosher

W391018-SAMPLE-K

W391018-1KG-K	1 kg
W391018-5KG-K	5 kg
W391018-10KG-K	10 kg

☒ Cyclotene, see Methyl cyclopentenolone Page 85
Cymbopogon winterianus, see Citronella oil, Chinese 85/35
Page 29
Citronella oil, Java Page 29

p-Cymene

1-Isopropyl-4-methylbenzene; 4-Isopropyltoluene
[99-87-6] CH₃C₆H₄CH(CH₃)₂ C₁₀H₁₄ FW 134.22
Arc. 819; *Fen.* 380

► ≥97%, FCC
FEMA 2356 Flavis 1.002 CoE Nr 620
Organoleptic: citrus
Kosher, NI

W235601-SAMPLE-K

W235601-1KG-K	1 kg
W235601-8KG-K	8 kg
W235601-20KG-K	20 kg

☒ DBPC, see Butylated hydroxytoluene Page 21

trans,trans-2,4-Decadienal

[25152-84-5] CH₃(CH₂)₄CH=CHCH=CHCHO C₁₀H₁₆O FW 152.23
Arc. 820; *Fen.* 388

► FG
FEMA 3135 Flavis 5.14 CoE Nr 2120
Organoleptic: fatty; citrus; meaty
Halal, Kosher, NI

contains 0.50% alpha-tocopherol, synthetic as antioxidant

W313505-SAMPLE-K

W313505-100G-K	100 g
W313505-1KG-K	1 kg
W313505-5KG-K	5 kg

Decahydro-2-naphthol

2-Decalol
[825-51-4] C₁₀H₁₇OH C₁₀H₁₈O FW 154.25

► mixture of isomers, 97%

W507105-SAMPLE

W507105-100G	100 g
W507105-1KG	1 kg
W507105-5KG	5 kg

γ-Decalactone

4-Hydroxydecanoic acid γ-lactone; γ-Decanolactone
[706-14-9] C₁₀H₁₈O₂ FW 170.25

► ≥98%, FCC, FG

FEMA 2360 Flavis 10.017 CoE Nr 2230
Organoleptic: peach
Halal, Kosher, NI
Arc. 828; *Fen.* 390

W236004-SAMPLE-K

W236004-1KG-K	1 kg
W236004-5KG-K	5 kg
W236004-10KG-K	10 kg

(+)-γ-Decalactone

► natural, ≥97%, FG
FEMA 2360 Flavis 10.017 CoE Nr 2230c
Organoleptic: peach

Halal, Kosher
Arc. 828; *Fen.* 390

W236012-SAMPLE-K

W236012-25G-K	25 g
W236012-100G-K	100 g
W236012-250G-K	250 g
W236012-1KG-K	1 kg

Damascenone

[23696-85-7] C₁₃H₁₈O FW 190.28

► natural, 1.1-1.3 wt. % (190 proof ethanol), FG

FEMA 3420 Flavis 7.108

Natural occurrence: Apple juice, apricot, black currant, grape, raspberry, strawberry, cognac, rum, whiskey and scotch.

Halal, Kosher

Organoleptic: apple; herbaceous; woody; nutty; citrus; rose; wine-like; smoky

W342017-SAMPLE-K

W342017-25G-K	25 g
W342017-100G-K	100 g
W342017-1KG-K	1 kg

Davana oil

NEW

[8016-03-3]

► natural

FEMA 2359 from *Artemisia pallens*

Kosher

Organoleptic: sweet; fruity

W235900-SAMPLE-K

W235900-25G-K	25 g
W235900-100G-K	100 g

δ-Decalactone

(\pm)-5-Decanolide; (\pm)- δ -Pentyl- δ -valerolactone; (\pm)-6-Pentyltetrahydro-2H-pyran-2-one; 5-Hydroxy-decanoic acid δ -lactone; δ -Decanolactone
[705-86-2] FEMA 2361 Flavis 10.007 CoE Nr 621
 $C_{10}H_{18}O_2$ FW 170.25
Arc. 829; Fen. 391

► **≥98%, FCC**

Natural occurrence: Sherry, white wine, mango, cassava, loganberry and fresh plum.
Organoleptic: butter; coconut; creamy; fruity; peach; plum; sweet; wine-like
Halal, Kosher, NI

[W236101-SAMPLE-K](#)

W236101-1KG-K	1 kg
W236101-5KG-K	5 kg
W236101-10KG-K	10 kg

► **natural, ≥98%, FCC, FG**

Natural Occurrence: Sherry, white wine, mango, cassava, loganberry and fresh plum.
Halal, Kosher
Organoleptic: apricot; butter; coconut; creamy; nutty; fruity; fatty; peach; plum; sweet; wine-like
[W236128-SAMPLE-K](#)

W236128-25G-K	25 g
W236128-100G-K	100 g
W236128-1KG-K	1 kg

ε-Decalactone

7-Butyl-2-oxepanone
[5579-78-2] $C_{10}H_{18}O_2$ FW 170.25

► **≥99%**

FEMA 3613 Flavis 10.029

[W361305-SAMPLE](#)

W361305-1G	1 g
W361305-25G	25 g
W361305-100G	100 g
W361305-1KG-K	1 kg

☒ 2-Decalol, see Decahydro-2-naphthol Page 32

Decanal

Caprilaldehyde; Decyl aldehyde
[112-31-2] FEMA 2362 Flavis 5.01 $CH_3(CH_2)_8CHO$
 $C_{10}H_{20}O$ FW 156.27

Arc. 833; Fen. 393

► **≥95%, FCC**

CoE Nr 98

Organoleptic: waxy; floral; citrus; sweet
Kosher, NI

[W236209-SAMPLE-K](#)

W236209-1KG-K	1 kg
W236209-8KG-K	8 kg
W236209-20KG-K	20 kg

► **natural, ≥92%**

CoE Nr 98c

Organoleptic: floral; citrus; sweet
Kosher

[W236217-SAMPLE-K](#)

W236217-25G-K	25 g
W236217-100G-K	100 g
W236217-1KG-K	1 kg

Decanal dimethyl acetal

[7779-41-1] $CH_3(CH_2)_8CH(OCH_3)_2$ $C_{12}H_{26}O_2$
FW 202.33
Arc. 835; Fen. 394

► **≥98%**

FEMA 2363 Flavis 6.009 CoE Nr 43
Kosher
Organoleptic: floral; citrus; herbaceous; wine-like
[W236306-SAMPLE-K](#)

W236306-100G-K	100 g
W236306-1KG-K	1 kg
W236306-4KG-K	4 kg

Decanoic acid

Capric acid; Acid C₁₀
[334-48-5] FEMA 2364 Flavis 8.011 CoE Nr 11
 $CH_3(CH_2)_8COOH$ $C_{10}H_{20}O_2$ FW 172.26

Fen. 395

Arc. 840

► **≥98%, FCC, FG**

Organoleptic: fatty; citrus
Halal, Kosher, NI

W236403-SAMPLE-K	
W236403-1KG-K	1 kg
W236403-5KG-K	5 kg
W236403-10KG-K	10 kg
W236403-25KG-K	25 kg

1-Decanol

n-Decyl alcohol; Alcohol C₁₀
[112-30-1] $CH_3(CH_2)_9OH$ $C_{10}H_{22}O$ FW 158.28

Arc. 841; Fen. 396

► **≥98%, FCC**

FEMA 2365 Flavis 2.024 CoE Nr 73
Organoleptic: fatty; waxy; fruity; rose
Halal, Kosher, NI

W236500-SAMPLE-K	
W236500-1KG-K	1 kg
W236500-8KG-K	8 kg
W236500-20KG-K	20 kg

☒ γ -Decanolactone, see γ -Decalactone Page 32
 δ -Decanolactone, see δ -Decalactone Page 33
(\pm)-5-Decanolide, see δ -Decalactone Page 33

2-Decanone

NEW

Methyl octyl ketone
[693-54-9] $CH_3(CH_2)_7COCH_3$ $C_{10}H_{20}O$ FW 156.27

Arc. 2146

► **≥98%**

FEMA 4271 Flavis 7.15

W427100-SAMPLE	
W427100-1KG	1 kg

3-Decanone

Ethyl heptyl ketone

[928-80-3] Flavis 7.151 $CH_3(CH_2)_6COC_2H_5$
 $C_{10}H_{20}O$ FW 156.27

► **≥97%**

Organoleptic: orange; floral; fatty; green
NI

[W503800](#)► **≥97%**

FEMA 3966

Organoleptic: orange; floral; green; fatty
Kosher

[W396605-SAMPLE-K](#)

W396605-25G-K	25 g
W396605-100G-K	100 g
W396605-1KG-K	1 kg

trans-2-Decenal

[3913-81-3] $CH_3(CH_2)_6CH=CHCHO$ $C_{10}H_{18}O$
FW 154.25

Arc. 842

► **≥92%, FCC**

Flavis 5.191 CoE Nr 2009

Organoleptic: oily; orange; floral; citrus; fatty; waxy;
green; meaty
Kosher, NI

Fen. 398

[W236608-SAMPLE-K](#)

W236608-200G-K	200 g
W236608-1KG-K	1 kg
W236608-4KG-K	4 kg

cis-4-Decenal

[21662-09-9] $CH_3(CH_2)_4CH=CHCH_2CH_2CHO$
 $C_{10}H_{18}O$ FW 154.25

Fen. 399

► **≥90%, FCC**

FEMA 3264 Flavis 5.137 CoE Nr 2297

Organoleptic: orange

Kosher, NI

contains 0.50% alpha-tocopherol, synthetic as antioxidant

[W326402-SAMPLE-K](#)

W326402-25G-K	25 g
W326402-100G-K	100 g
W326402-1KG-K	1 kg

9-Decenoic acid

[14436-32-9] $H_2C=CH(CH_2)_7CO_2H$ $C_{10}H_{18}O_2$
FW 170.25

Fen. 403

► **≥90%, FG**

FEMA 3660 Flavis 8.065 CoE Nr 10090

Halal, Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W366005-SAMPLE-K](#)

W366005-25G-K	25 g
W366005-100G-K	100 g
W366005-1KG-K	1 kg

☒ $trans$ -2-Decenoic acid ethyl ester, see Ethyl $trans$ -2-decenoate Page 44

Decenol

1-Decen-3-ol

[51100-54-0] $\text{CH}_3(\text{CH}_2)_6\text{CH}(\text{OH})\text{CH}=\text{CH}_2$ $\text{C}_{10}\text{H}_{20}\text{O}$
FW 156.27

► ≥98%

FEMA 3824 Flavis 2.136

Organoleptic: cheese; fruity; vegetable; waxy; earthy

W382418-SAMPLE

W382418-25G 25 g

W382418-100G 100 g

W382418-1KG 1 kg

trans-2-Decen-1-ol

NEW

[18409-18-2] $\text{CH}_3(\text{CH}_2)_6\text{CH}=\text{CHCH}_2\text{OH}$ $\text{C}_{10}\text{H}_{20}\text{O}$
FW 156.27

► 97%

FEMA 4304

W430400-SAMPLE

cis-4-Decen-1-ol

NEW

[57074-37-0] $\text{CH}_3(\text{CH}_2)_4\text{CH}=\text{CH}(\text{CH}_2)_3\text{OH}$ $\text{C}_{10}\text{H}_{20}\text{O}$
FW 156.27

► 97%

FEMA 4349

W434900-SAMPLE

W434900-1KG 1 kg

3-Decen-2-one

[10519-33-2] $\text{CH}_3(\text{CH}_2)_5\text{CH}=\text{CHCOCH}_3$ $\text{C}_{10}\text{H}_{18}\text{O}$
FW 154.25

Arc. 1546; Fen. 404

► predominantly *trans*, ≥97%

FEMA 3532 Flavis 7.121 CoE Nr 11751

Natural occurrence: Mushrooms.

Possible application (Flavor): Apricot, peach, water-melon, pear, cucumber, and tropical fruits, dairy flavors such as milks creams and cheeses. Fatty notes in chicken, fat replacers and lard. Used in mandarin, tangerine, grapefruit and other citrus flavors.

Organoleptic: jasmine; citrus; fatty; pear; earthy; meaty; green; waxy; vegetable

Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

W353205-SAMPLE-K

W353205-100G-K 100 g

W353205-1KG-K 1 kg

W353205-4KG-K 4 kg

n-Decyl acetate

Capryl acetate

[112-17-4] $\text{CH}_3\text{CO}_2(\text{CH}_2)_9\text{CH}_3$ $\text{C}_{12}\text{H}_{24}\text{O}_2$ FW 200.32
Arc. 848; Fen. 406

► ≥95%

FEMA 2367 Flavis 9.009 CoE Nr 199

Organoleptic: orange; pineapple; rose

Kosher, NI

W236705-SAMPLE-K

W236705-1KG-K 1 kg

W236705-4KG-K 4 kg

W236705-9KG-K 9 kg

▣ *n*-Decyl alcohol, see 1-Decanol Page 33
Decyl aldehyde, see Decanal Page 33

Decyl butyrate

[5454-09-1] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2(\text{CH}_2)_9\text{CH}_3$ $\text{C}_{14}\text{H}_{28}\text{O}_2$
FW 228.37

Arc. 851; Fen. 407

► 97%

FEMA 2368 Flavis 9.047 CoE Nr 273

Organoleptic: waxy; fatty; citrus

Kosher

W236802-SAMPLE-K

W236802-1KG-K 1 kg

W236802-4KG-K 4 kg

W236802-9KG-K 9 kg

▣ 1,1-Diethoxyethane, see Acetal Page 8
Diethylacetic acid, see 2-Ethylbutyric acid Page 44

Diethyl disulfide

Ethyl disulfide

[110-81-6] $(\text{C}_2\text{H}_5)_2\text{S}_2$ $\text{C}_4\text{H}_{10}\text{S}_2$ FW 122.25

► ≥98.5%

FEMA 4093 Flavis 12.012

W409301-SAMPLE

W409301-100G 100 g

W409301-1KG 1 kg

W409301-5KG 5 kg

▣ Diethylenediamine, see Piperazine Page 112

Di(ethylene glycol) ethyl ether

CARBITOL®; Diethylene glycol monoethyl ether; 2-(2-Ethoxyethoxy)ethanol; Ethyldiglycol; Diethylene glycol ethyl ether

[111-90-0] $\text{C}_2\text{H}_5\text{OCH}_2\text{CH}_2\text{OCH}_2\text{CH}_2\text{OH}$ $\text{C}_6\text{H}_{14}\text{O}_3$
FW 134.17

Arc. 904

► ≥99%

W509043-SAMPLE

W509043-1KG 1 kg

W509043-10KG 10 kg

W509043-25KG 25 kg

▣ Diethylene glycol monoethyl ether, see Di(ethylene glycol) ethyl ether Page 34
Diethyl ketone, see 3-Pentanone Page 105

Diacetin

Glycerol diacetate

[25395-31-7] $(\text{CH}_3\text{COOCH}_2)_2\text{CHOH}$ $\text{C}_7\text{H}_{12}\text{O}_5$
FW 176.17

Organoleptic: ethereal

W500615-SAMPLE

W500615-1KG 1 kg

W500615-10KG 10 kg

W500615-25KG 25 kg

▣ Diallyl disulfide, see Allyl disulfide Page 11

Diallyl sulfide, see Allyl sulfide Page 12

(S)-2,6-Diaminocaproic acid, see L-Lysine Page 76

(S)-2,5-Diamino-5-oxopentanoic acid, see L-Glutamine Page 56

(S)-2,5-Diaminopentanoic acid monohydrochloride, see L-Orotidine hydrochloride Page 103

(S)-(+)-2,5-Diaminopentanoic acid hydrochloride, see L-Orotidine hydrochloride Page 103

Diamyl ketone, see 6-Undecanone Page 128

1,4-Diazacyclohexane, see Piperazine Page 112

Dibenzyl disulfide, see Benzyl disulfide Page 18

Dibenzyl ether, see Benzyl ether Page 18

Dibenzyl ketone, see 1,3-Diphenyl-2-propanone Page 40

2,6-Di-*tert*-butyl-4-methylphenol, see Butylated hydroxytoluene Page 21

Dibutyl sulfide, see Butyl sulfide Page 23

[7554-12-3] $\text{C}_2\text{H}_5\text{O}_2\text{CCH}_2\text{CH}(\text{OH})\text{CO}_2\text{C}_2\text{H}_5$ $\text{C}_8\text{H}_{14}\text{O}_5$
FW 190.19

Arc. 908; Fen. 419

► ≥97%

FEMA 2374 CoE Nr 382

Organoleptic: fruity

Halal, NI

W237418-SAMPLE

W237418-100G 100 g

W237418-1KG 1 kg

W237418-5KG 5 kg

Diethyl maleate

Maleic acid diethyl ester

[141-05-9] $\text{C}_2\text{H}_5\text{OOCCH}=\text{CHCOOC}_2\text{H}_5$ $\text{C}_8\text{H}_{12}\text{O}_4$
FW 172.18

Arc. 909

► ≥96%

Flavis 9.351

Organoleptic: banana; citrus

NI

W505005-SAMPLE

W505005-1KG 1 kg

W505005-5KG 5 kg

W505005-10KG 10 kg

Dicyclohexyl disulfide

Cyclohexyl disulfide

[2550-40-5] $(\text{C}_6\text{H}_{11}\text{S})_2$ $\text{C}_{12}\text{H}_{22}\text{S}_2$ FW 230.43

► ≥94%

FEMA 3448 Flavis 12.028 CoE Nr 2320

Organoleptic: berry; musty; green; alliaceous (onion, garlic)

W344818-SAMPLE

W344818-25G 25 g

W344818-100G 100 g

W344818-1KG 1 kg

Dihydromethylfu

Diethyl malonate

Malonic acid diethyl ester
[105-53-3] $\text{CH}_2(\text{COOC}_2\text{H}_5)_2 \quad \text{C}_7\text{H}_{12}\text{O}_4 \quad \text{FW} 160.17$
Arc. 910; Fen. 420

► ≥98%
FEMA 2375 Flavis 9.49 CoE Nr 2106

Organoleptic: fruity
Halal, NI

[W237507-SAMPLE](#)

W237507-1KG	1 kg
W237507-10KG	10 kg
W237507-25KG	25 kg

▣ Diethyl methyl carbinol, see 3-Methyl-3-pentanol Page 91

2,3-Diethyl-5-methylpyrazine

[18138-04-0] $\text{C}_9\text{H}_{14}\text{N}_2 \quad \text{FW} 150.22$
Fen. 422

► ≥97%
FEMA 3336 Flavis 14.056 CoE Nr 11303
Organoleptic: hazelnut; vegetable; meaty
Kosher, NI

[W333603-SAMPLE-K](#)

W333603-100G-K	100 g
W333603-250G-K	250 g
W333603-1KG-K	1 kg

Diethyl phthalate

[84-66-2] $\text{C}_6\text{H}_{4-1,2-(\text{COOC}_2\text{H}_5)_2} \quad \text{C}_{12}\text{H}_{14}\text{O}_4$
FW 222.24

► ≥99%

[W512206-SAMPLE](#)

W512206-1KG	1 kg
W512206-10KG	10 kg
W512206-25KG	25 kg

► ≥99.5%

[W517909-SAMPLE](#)

2,3-Diethylpyrazine

[15707-24-1] $\text{C}_8\text{H}_{12}\text{N}_2 \quad \text{FW} 136.19$
Fen. 159

► ≥98%
FEMA 3136 Flavis 14.005 CoE Nr 534
Organoleptic: hazelnut; meaty; earthy
Kosher, NI

[W313602-SAMPLE-K](#)

W313602-25G-K	25 g
W313602-100G-K	100 g
W313602-1KG-K	1 kg

Diethyl sebacate

Sebacic acid diethyl ester
[110-40-7] $\text{C}_2\text{H}_5\text{OCO}(\text{CH}_2)_8\text{COOC}_2\text{H}_5 \quad \text{C}_{14}\text{H}_{26}\text{O}_4$
FW 258.35
Arc. 914; Fen. 424

► ≥98%, FCC
FEMA 2376 Flavis 9.475 CoE Nr 623
Organoleptic: melon; wine-like; quince
Halal, Kosher

[W237604-SAMPLE-K](#)

W237604-1KG-K	1 kg
W237604-10KG-K	10 kg
W237604-25KG-K	25 kg

Diethyl succinate

[123-25-1] $\text{C}_2\text{H}_5\text{OCOCH}_2\text{CH}_2\text{COOC}_2\text{H}_5 \quad \text{C}_8\text{H}_{14}\text{O}_4$
FW 174.19
Arc. 915; Fen. 425

► ≥99%, FCC, FG

FEMA 2377 Flavis 9.444 CoE Nr 438
Natural Occurrence: Apple, cocoa, grape, brandy,
whiskey and wine.

Halal, Kosher, NI

Organoleptic: apple; apricot; chocolate; cranberry;
grape; musty; floral; fruity; peach; pear; waxy; wine-like;
earthy

[W237701-SAMPLE-K](#)

W237701-1KG-K	1 kg
W237701-5KG-K	5 kg
W237701-10KG-K	10 kg
W237701-25KG-K	25 kg

Diethyl sulfide

Ethyl sulfide
[352-93-2] $(\text{C}_2\text{H}_5)_2\text{S} \quad \text{C}_4\text{H}_{10}\text{S} \quad \text{FW} 90.19$

► 98%

FEMA 3869 Flavis 12.113

[W382501-SAMPLE](#)

W382501-100G	100 g
W382501-1KG	1 kg
W382501-4KG	4 kg

Diethyl L-tartrate

(+)-Diethyl L-tartrate; L-(+)-Tartaric acid diethyl ester
[87-91-2] $[\text{-CH}(\text{OH})\text{CO}_2\text{C}_2\text{H}_5]_2 \quad \text{C}_8\text{H}_{14}\text{O}_6 \quad \text{FW} 206.19$
Arc. 916; Fen. 426

► ≥99%

FEMA 2378 Flavis 9.446 CoE Nr 440
Organoleptic: fruity; wine-like

Kosher, NI

[W237809-SAMPLE-K](#)

W237809-100G-K	100 g
W237809-1KG-K	1 kg
W237809-5KG-K	5 kg

▣ (+)-Diethyl L-tartrate, see Diethyl L-tartrate Page 35
Difurfuryl disulfide, see 2,2'-(Dithiodimethylene) difuran Page 41

Difurfuryl monosulfide, see 2,2'-(Thiodimethylene) difuran Page 123

Dihydroanethole, see p-Propyl anisole Page 113

3,4-Dihydro-1-benzopyran-2-one, see Dihydrocoumarin Page 35

D-*Dihydrocarvone, mixture of isomers*

p-Menth-8-en-2-one
[7764-50-3] $\text{C}_{10}\text{H}_{16}\text{O} \quad \text{FW} 152.23$

► ≥97%, FCC

FEMA 3565 Flavis 7.128 CoE Nr 4001

Organoleptic: herbaceous; minty
Kosher
NI

Arc. 927; Fen. 1080

[W356506-SAMPLE-K](#)

W356506-100G-K	100 g
W356506-1KG-K	1 kg
W356506-5KG-K	5 kg

▣ (-)-Dihydrocarvyl acetate, see L-Dihydrocarvyl acetate Page 35

L-Dihydrocarvyl acetate

(-)-Dihydrocarvyl acetate

[20777-49-5] $\text{C}_{12}\text{H}_{20}\text{O}_2 \quad \text{FW} 196.29$

Arc. 928; Fen. 431

► mixture of isomers, ≥95%

FEMA 2380 Flavis 9.216 CoE Nr 2064

Organoleptic: medicinal; minty; vanilla
Halal, Kosher, NI

[W238007-SAMPLE-K](#)

W238007-100G-K	100 g
W238007-1KG-K	1 kg
W238007-5KG-K	5 kg

Dihydrocoumarin

3,4-Dihydro-1-benzopyran-2-one; Hydrocoumarin;
Benzodihydropryone

[119-84-6] $\text{C}_9\text{H}_{8}\text{O}_2 \quad \text{FW} 148.16$

Arc. 934; Fen. 432

► ≥99%, FCC, FG

FEMA 2381 Flavis 13.009 CoE Nr 535

Natural occurrence: Sweet clover and deertongue.
Organoleptic: almond; coconut; creamy; herba-ceous; sweet; vanilla; nutty; tobacco
Halal, Kosher, NI

[W238104-SAMPLE-K](#)

W238104-1KG-K	1 kg
W238104-5KG-K	5 kg
W238104-10KG-K	10 kg

Dihydrojasnone

3-Methyl-2-pentyl-2-cyclopenten-1-one

[1128-08-1] $\text{CH}_3(\text{CH}_2)_4\text{C}_5\text{H}_4(\text{CH}_3)(=\text{O}) \quad \text{C}_{11}\text{H}_{18}\text{O}$
FW 166.26

Arc. 954

► ≥98%

FEMA 3763 Flavis 7.14

Organoleptic: green; floral; fruity
Kosher

Fen. 1260

[W376302-SAMPLE-K](#)

W376302-100G-K	100 g
W376302-1KG-K	1 kg
W376302-5KG-K	5 kg

▣ 4,5-Dihydro-2-methyl-3(2*H*)-furanone, see 2-Methyltetrahy-drofuran-3-one Page 93

4,5-Dihydro-5-methyl-2(3*H*)-furanone, see (±)-γ-Valero-lactone Page 128

Dihydromyrcenol

Dihydromyrcenol

[18479-58-8] $\text{H}_2\text{C}=\text{CHCH}(\text{CH}_3)(\text{CH}_2)_3\text{C}(\text{CH}_3)_2\text{OH}$
 $\text{C}_{10}\text{H}_{20}\text{O}$ FW 156.27

► ≥99%

Flavis 2.144

Arc. 964

W516406-SAMPLE

W516406-1KG	1 kg
W516406-4KG	4 kg
W516406-8KG	8 kg

▣ (±)-Dihydro-5-octyl-2(3H)-furanone, see γ-Dodecalactone
 Page 41
 2,3-Dihydro-3-oxobenzisosulfonazole, see Saccharin
 hemicalcium salt Page 117
 (±)-Dihydro-5-propyl-2(3H)-furanone, see γ-Heptalactone
 Page 57

4,5-Dihydro-3(2H)-thiophenone

3-Thiophanone; Tetrahydrothiophen-3-one
 [1003-04-9] $\text{C}_4\text{H}_6\text{OS}$ FW 102.15
 Fen. 441

► ≥98%, FG

FEMA 3266 Flavis 15.012 CoE Nr 2337

Halal, Kosher, NI

Organoleptic: butter; meaty; alliaceous (onion, garlic)

W326607-SAMPLE-K

W326607-25G-K	25 g
W326607-100G-K	100 g
W326607-250G-K	250 g
W326607-1KG-K	1 kg

▣ 2,3-Dihydro-2,2,6-trimethylbenzaldehyde, see Safranal
 Page 118

2,4-Dihydroxybenzoic acid

β-Resorcylic acid
 [89-86-1] $(\text{HO})_2\text{C}_6\text{H}_3\text{CO}_2\text{H}$ $\text{C}_7\text{H}_6\text{O}_4$ FW 154.12

► ≥97%

FEMA 3798 Flavis 8.076

Halal, Kosher

W379808-SAMPLE-K

W379808-1KG-K	1 kg
W379808-5KG-K	5 kg
W379808-10KG-K	10 kg

▣ D,L-2,3-Dihydroxybutanedioic acid, see D,L-Tartaric acid
 Page 121
 2,5-Dihydroxy-2,5-dimethyl-1,4-dithiane, see 2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane Page 37

2,5-Dihydroxy-1,4-dithiane

1,4-Dithiane-2,5-diol; 2,5-Dihydroxy-1,4-dithiane;
 Mercaptoacetaldehyde dimer
 [40018-26-6] $\text{C}_4\text{H}_8\text{O}_2\text{S}_2$ FW 152.24

► mixture of isomers, ≥97%

FEMA 3826

Organoleptic: meaty; sulfurous
 NI

W382604-SAMPLE

W382604-100G	100 g
W382604-1KG	1 kg
W382604-5KG	5 kg

▣ (2S)-5,7-Dihydroxy-2-(3-hydroxy-4-methoxyphenyl)-4-chromanone, see Hesperetin Page 59
 2-[4-(2,3-Dihydroxypropoxy)phenyl]-2-[4-(glycidyloxy)phenyl]propane, see Bisphenol A (2,3-dihydroxypropyl)glycidyl ether Page 20
 Diisobutyl ketone, see 2,6-Dimethyl-4-heptanone Page 38

2,6-Diisopropylphenol

2,6-Bis(isopropyl)phenol; Propofol
 [2078-54-8] $[(\text{CH}_3)_2\text{CH}]_2\text{C}_6\text{H}_3\text{OH}$ $\text{C}_{12}\text{H}_{18}\text{O}$
 FW 178.27

► ≥97%

W505102-SAMPLE

W505102-25G	25 g
W505102-100G	100 g
W505102-1KG	1 kg

Dillweed oil

Anethum graveolens

[8006-75-5]

Fen. 448

► FCC

FEMA 2383

Organoleptic: spicy

Kosher

Hungary origin

W238309-SAMPLE-K

W238309-1KG-K	1 kg
W238309-5KG-K	5 kg
W238309-10KG-K	10 kg

▣ 1,4-Dimercaptobutane, see 1,4-Butanedithiol Page 20
 1,6-Dimercaptohexane, see 1,6-Hexanedithiol Page 60
 1,9-Dimercaptononane, see 1,9-Nonanedithiol Page 98
 1,8-Dimercaptooctane, see 1,8-Octanedithiol Page 100
 1,3-Dimercaptopropane, see 1,3-Propanedithiol Page 112

3',4'-Dimethoxyacetophenone

[1131-62-0] $(\text{CH}_3\text{O})_2\text{C}_6\text{H}_3\text{COCH}_3$ $\text{C}_{10}\text{H}_{12}\text{O}_3$
 FW 180.20

Arc. 978

► ≥98%

Organoleptic: floral; woody; sweet
 NI

W510424-SAMPLE

W510424-25G	25 g
W510424-100G	100 g
W510424-1KG	1 kg

▣ 3,4-Dimethoxybenzaldehyde, see Veratraldehyde
 Page 129

1,2-Dimethoxybenzene

Pyrocatechol dimethyl ether; Veratrole

[91-16-7] $\text{C}_6\text{H}_4(\text{OCH}_3)_2$ $\text{C}_8\text{H}_{10}\text{O}_2$ FW 138.16

Arc. 3078

► ≥99%

FEMA 3799 Flavis 4.062 CoE Nr 10320

Organoleptic: creamy; vanilla

W379905-SAMPLE

W379905-1KG	1 kg
W379905-5KG	5 kg
W379905-10KG	10 kg

1,3-Dimethoxybenzene

Dimethylresorcinol; Resorcinol dimethyl ether
 [151-10-0] $\text{C}_6\text{H}_4(\text{OCH}_3)_2$ $\text{C}_8\text{H}_{10}\text{O}_2$ FW 138.16
 Arc. 2796; Fen. 170

► ≥98%, FG

FEMA 2385 Flavis 4.016 CoE Nr 189
 Organoleptic: coconut; hazelnut; earthy
 Halal, Kosher

W238503-SAMPLE-K

W238503-1KG-K	1 kg
W238503-5KG-K	5 kg
W238503-10KG-K	10 kg

1,4-Dimethoxybenzene

Dimethylhydroquinone; Hydroquinone dimethyl ether
 [150-78-7] $\text{C}_6\text{H}_4(\text{OCH}_3)_2$ $\text{C}_8\text{H}_{10}\text{O}_2$ FW 138.16
 Arc. 1719; Fen. 170

► 99%

FEMA 2386 Flavis 4.034 CoE Nr 2059
 Organoleptic: fennel; fatty
 Kosher, NI

W238600-SAMPLE-K

W238600-1KG-K	1 kg
W238600-5KG-K	5 kg
W238600-10KG-K	10 kg

1,1-Dimethoxyethane

Acetaldehyde dimethyl acetal; Dimethyl acetal
 [534-15-6] $\text{CH}_3\text{CH}(\text{OCH}_3)_2$ $\text{C}_4\text{H}_{10}\text{O}_2$ FW 90.12

Fen. 170

► ≥97%

FEMA 3426 Flavis 6.015 CoE Nr 510
 NI

W342602-SAMPLE

W342602-100G	100 g
W342602-1KG	1 kg
W342602-4KG	4 kg

▣ (2-Dimethoxyethyl)benzene, see Phenylacetaldehyde dimethyl acetal Page 108

1,1-Dimethoxyheptane

Heptanal dimethyl acetal

[10032-05-0] $\text{CH}_3(\text{CH}_2)_5\text{CH}(\text{OCH}_3)_2$ $\text{C}_9\text{H}_{20}\text{O}_2$

FW 160.25

► ≥97.5%

FEMA 2542 Flavis 6.028

W254201-100G

W254201-1KG	1 kg
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1,1-Dimethoxyoctane

[10022-28-3] $\text{H}_3\text{C}(\text{CH}_2)_6\text{CH}(\text{OCH}_3)_2$ $\text{C}_{10}\text{H}_{22}\text{O}_2$

FW 174.28

► 97%

FEMA 2798 Flavis 6.008

W279801

2,6-Dimethoxyphenol

Pyrogallol 1,3-dimethyl ether
[91-10-1] (CH₃O)₂C₆H₃OH C₈H₁₀O₃ FW 154.16
Arc. 2778; Fen. 171

► ≥98%, FG
FEMA 3137 Flavis 4.036 CoE Nr 2233

Organoleptic: smoky; meaty
Halal, Kosher, NI

W313718-SAMPLE-K

W313718-100G-K	100 g
W313718-500G-K	500 g
W313718-1KG-K	1 kg
W313718-5KG-K	5 kg
W313718-10KG-K	10 kg

☒ 1,1-Dimethoxy-2-phenylpropane, see 2-Phenylpropionaldehyde dimethyl acetal Page 110
1,2-Dimethoxy-4-propenylbenzene, see Methyl isoeugenol Page 88

3,4-Dimethoxystyrene

[6380-23-0] (CH₃O)₂C₆H₅CH=CH₂ C₁₀H₁₂O₂
FW 164.20

► technical grade
FEMA 3138 Flavis 4.04

W313801

☒ α,α-Dimethoxytoluene, see Benzaldehyde dimethyl acetal Page 16
Dimethyl acetal, see 1,1-Dimethoxyethane Page 36

2',4'-Dimethylacetophenone

[89-74-7] (CH₃O)₂C₆H₃COCH₃ C₁₀H₁₂O FW 148.20
Arc. 983; Fen. 172

► ≥96%
FEMA 2387 Flavis 7.023 CoE Nr 157
Organoleptic: floral; woody; sweet
Kosher

W238708-SAMPLE-K

W238708-25G-K	25 g
W238708-100G-K	100 g
W238708-1KG-K	1 kg

2,4-Dimethyl-5-acetylthiazole

FEMA 3267 Flavis 15.011 CoE Nr 2336
Organoleptic: nutty; meaty
Kosher
Fen. 173

W326704-SAMPLE-K

W326704-25G-K	25 g
W326704-100G-K	100 g
W326704-1KG-K	1 kg

☒ trans-2,3-Dimethylacrolein, see trans-2-Methyl-2-butenal Page 83
3,3-Dimethylacrolein, see 3-Methyl-2-butenal Page 83
3,3-Dimethylacrylaldehyde, see 3-Methyl-2-butenal Page 83
trans-2,3-Dimethylacrylic acid, see trans-2-Methyl-2-butenoic acid Page 83
3,3-dimethyl allyl acetate, see Prenyl acetate Page 112
1,1-Dimethylallyl alcohol, see 2-Methyl-3-but-en-2-ol Page 83
3,3-Dimethylallyl alcohol, see 3-Methyl-2-but-en-1-ol Page 83

2,4-Dimethylanisole

[6738-23-4] (CH₃)₂C₆H₃OCH₃ C₉H₁₂O FW 136.19

► ≥97%
FEMA 3828 Flavis 4.063

W382809-SAMPLE

W382809-25G	25 g
W382809-100G	100 g
W382809-1KG	1 kg

☒ (1*R*)-6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-carboxaldehyde, see (1*R*)-(−)-Myrtenal Page 96
(1*R*)-6,6-Dimethylbicyclo[3.1.1]hept-2-ene-2-methyl acetate, see (−)-Myrtenyl acetate Page 96
2,3-Dimethyl-5-sec-butylpyrazine, see 5-sec-Butyl-2,3-dimethylpyrazine Page 22

2,4-Dimethyl-3-cyclohexenecarboxaldehyde

[68039-49-6] (CH₃)₂C₆H₇CHO C₉H₁₄O FW 138.21

► ≥97%

W513806-SAMPLE

W513806-1KG	1 kg
W513806-5KG	5 kg
W513806-10KG	10 kg

3,4-Dimethyl-1,2-cyclopentadione

[13494-06-9] C₇H₁₀O₂ FW 126.15

Fen. 175

► ≥97%

FEMA 3268 Flavis 7.075 CoE Nr 2234

Organoleptic: anise; herbaceous
Halal, Kosher, NI

W326801-SAMPLE-K

W326801-25G-K	25 g
W326801-100G-K	100 g
W326801-1KG-K	1 kg

3,5-Dimethyl-1,2-cyclopentadione

[13494-07-0] C₇H₁₀O₂ FW 126.15

Fen. 176

► ≥97%, FG

FEMA 3269 Flavis 7.076 CoE Nr 2234

Halal, Kosher

Organoleptic: coffee; sweet
NI

W326909-SAMPLE

W326909-25G-K	25 g
W326909-100G-K	100 g
W326909-1KG-K	1 kg

2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane

2,5-Dihydroxy-2,5-dimethyl-1,4-dithiane; 2,5-Dimethyl-1,4-dithiane-2,5-diol; 1-Mercaptopropanone (dimer); Cyclodithiafol-705; 2,5-Dimethyl-2,5-dihydroxy-p-dithiane

[55704-78-4] FEMA 3450 C₆H₁₂O₂S₂ FW 180.29

Fen. 463

► 95%

Flavis 15.006

Organoleptic: alliaceous (onion, garlic); meaty
Kosher

W345001-SAMPLE-K

W345001-25G-K	25 g
W345001-100G-K	100 g
W345001-1KG-K	1 kg

☒ 2,5-Dimethyl-2,5-dihydroxy-p-dithiane, see 2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane Page 37

Dimethyldisulfide

Dimethyl disulfide

DMDS; Methyl disulfide
[624-92-0] CH₃SSCH₃ C₂H₆S₂ FW 94.20
Arc. 1006; Fen. 498

► ≥98%

FEMA 3536 Flavis 12.026 CoE Nr 2175
Organoleptic: vegetable
Kosher

[W353604-SAMPLE-K](#)

W353604-1KG-K	1 kg
W353604-5KG-K	5 kg
W353604-10KG-K	10 kg

▣ 2,5-Dimethyl-1,4-dithiane-2,5-diol, see 2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane Page 37

4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers

2-Ethyl-4,5-dimethyl-3-thiazoline; 2-Ethyl-2,5-dihydro-4,5-dimethylthiazole; 2-Ethyl-4,5-dimethylthiazoline
[76788-46-0] FEMA 3620 C₇H₁₃NS FW 143.25

► 97%

FEMA 3620 Flavis 15.03
Artificial
Kosher
Organoleptic: chocolate; musty; peach; sulfurous; meaty; nutty; vegetable; coffee

[W362001](#)

2,5-Dimethylfuran

[625-86-5] C₆H₈O FW 96.13

► ≥99%

Flavis 13.029 CoE Nr 2208
Kosher, NI

[W501905](#)

2,6-Dimethyl-4-heptanone

Diisobutyl ketone; Isovalerone
[108-83-8] (CH₃)₂CHCH₂COCH₂CH(CH₃)₂ C₉H₁₈O FW 142.24
Arc. 480; Fen. 179

► ≥99%

FEMA 3537 Flavis 7.122 CoE Nr 11914
Organoleptic: ethereal; fruity; vanilla

[W353701-SAMPLE](#)

W353701-200G	200 g
W353701-1KG	1 kg
W353701-4KG	4 kg

2,6-Dimethyl-5-heptenal

Melonal
[106-72-9] (CH₃)₂C=CHCH₂CH₂CH(CH₃)CHO
C₉H₁₆O FW 140.22
Arc. 1011; Fen. 180

► FCC, FG

FEMA 2389 Flavis 5.074 CoE Nr 2006
May contain a suitable antioxidant
Halal, Kosher

Organoleptic: cantaloupe; cucumber; grapefruit; lemon; melon; peach; watermelon; vegetable

[W238902-SAMPLE-K](#)

W238902-100G-K	100 g
W238902-1KG-K	1 kg
W238902-4KG-K	4 kg

▣ Dimethylhydroquinone, see 1,4-Dimethoxybenzene Page 36

4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one

Caramel furanone; Sotolon; Sugar lactone
[28664-35-9] C₆H₈O₃ FW 128.13
Fen. 181

► ≥97%, FG

FEMA 3634 Flavis 10.03 CoE Nr 11834
Natural occurrence: Fenugreek seed, roasted Virginia tobacco and rice wine.

Organoleptic: caramel; celery; maple; seedy; nutty; meaty; wine-like; earthy; smoky; green; tobacco

Halal, Kosher, NI

[W363405-SAMPLE-K](#)

W363405-25G-K	25 g
W363405-100G-K	100 g
W363405-250G-K	250 g
W363405-1KG-K	1 kg

4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution

Caramel furanone; Sotolon; Sugar lactone
FEMA 3634 Flavis 10.03 C₆H₈O₃ FW 128.13
Natural Occurrence: Fenugreek seed, roasted Virginia tobacco, sake, rice wine.

Kosher

► 3 wt. % in propylene glycol

Organoleptic: caramel; celery; fennel; maple; meaty; wine-like; tobacco

[W363421-SAMPLE-K](#)

W363421-100G-K	100 g
W363421-1KG-K	1 kg
W363421-5KG-K	5 kg

▣ 10 wt. % in propylene glycol

Organoleptic: fennel; woody; wine-like; coffee; tobacco

[W363413-SAMPLE-K](#)

W363413-100G-K	100 g
W363413-1KG-K	1 kg
W363413-5KG-K	5 kg

▣ 2,5-Dimethyl-4-hydroxy-3(2H)-furanone, see 4-Hydroxy-2,5-dimethyl-3(2H)-furanone Page 65

(±)-3,7-Dimethyl-3-hydroxy-1,6-octadiene, see Linalool Page 75

2,2-Dimethyl-3-(1-isobutetyl)cyclopropane-1-carboxylic acid ethyl ester, see Ethyl chrysanthemate Page 44

2,3-Dimethyl-5-isobutylpyrazine, see 5-Isobutyl-2,3-dimethylpyrazine Page 69

4,5-Dimethyl-2-isobutyl-3-thiazoline

[65894-83-9] C₉H₁₇NS FW 171.30

► ≥96.5%

FEMA 3621 Flavis 15.032

[W362107-SAMPLE](#)

W362107-25G	25 g
W362107-100G	100 g
W362107-1KG	1 kg

▣ (3R,4aS,5R)-4a,5-Dimethyl-3-isopropenyl-1,2,3,4,4a,5,6,7-octahydronaphthalene, see Valencene Page 128

2,5-Dimethyl-4-methoxy-3(2H)-furanone

[4077-47-8] C₇H₁₀O₃ FW 142.15

Fen. 182

► ≥97%

FEMA 3664 Flavis 13.089

Organoleptic: caramel; grape; maple; mushroom; mossy; potato; coffee; nutty; meaty
Kosher, NI

[W366404-SAMPLE-K](#)

W366404-100G-K	100 g
W366404-1KG-K	1 kg
W366404-5KG-K	5 kg

▣ (1R)-2,2-Dimethyl-3-methylenebicyclo[2.2.1]heptane, see (+)-Camphene Page 24
(15S,5S)-6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane, see (−)-β-Pinene Page 111

2,2-Dimethyl-5-(1-methylpropen-1-yl)tetrahydrofuran

Ocimeine quinoxide; (±)-2,2-Dimethyl-5-(1-methyl-1-propenyl)tetrahydrofuran

[7416-35-5] C₁₀H₁₈O FW 154.25

► ≥98%

FEMA 3665 Flavis 13.09

Organoleptic: citrus

W366501-25G	25 g
W366501-100G	100 g
W366501-1KG	1 kg

▣ (±)-2,2-Dimethyl-5-(1-methyl-1-propenyl)tetrahydrofuran, see 2,2-Dimethyl-5-(1-methylpropen-1-yl)tetrahydrofuran Page 38

2,3-Dimethyl-5-(1-methylpropyl)pyrazine, see 5-sec-Butyl-2,3-dimethylpyrazine Page 22

2,3-Dimethyl-5-(2-methylpropyl)pyrazine, see 5-Isobutyl-2,3-dimethylpyrazine Page 69

3,7-Dimethyl-2,6-octadienal, see Citral Page 28

3,7-Dimethyl-2,6-octadienal dimethyl acetal, see Citral dimethyl acetal Page 29

3,7-Dimethyl-2,6-octadienenitrile

[5146-66-7] (CH₃)₂C=CHCH₂CH₂C(CH₃)=CHCN C₁₀H₁₅N FW 149.23

► mixture of isomers, ≥97%

Flavis 16.05

[W512508-SAMPLE](#)

W512508-1KG	1 kg
W512508-4KG	4 kg
W512508-9KG	9 kg

3,7-Dimethyl-2,6-octadienoic acid, see Geranic acid
Page 55
(*R*)-(-)-3,7-Dimethyl-1,6-octadien-3-ol, see L-Linalool
Page 76
(\pm)-3,7-Dimethyl-1,6-octadien-3-ol, see Linalool Page 75
cis-3,7-Dimethyl-2,6-octadien-1-ol, see Nerol Page 96
trans-3,7-Dimethyl-2,6-octadien-1-ol, see Geraniol
Page 55
3,7-Dimethyl-1,6-octadien-3-yl acetate, see Linalyl acetate
Page 76
trans-3,7-Dimethyl-2,6-octadienyl acetate, see Geranyl acetate Page 55
cis-3,7-Dimethyl-2,6-octadien-1-yl acetate, see Nerol acetate
Page 97
trans-3,7-Dimethyl-2,6-octadien-1-yl acetate, see Geranyl acetate Page 55

3,7-Dimethyl-1-octanol

[106-21-8] $(\text{CH}_3)_2\text{CH}(\text{CH}_2)_3\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{OH}$
 $\text{C}_{10}\text{H}_{22}\text{O}$ FW 158.28

Arc. 1032; Fen. 185

► ≥98%, FCC

FEMA 2391 Flavis 2.026 CoE Nr 75

Organoleptic: rose; sweet
Kosher, NI

[W239100-SAMPLE-K](#)

W239100-1KG-K	1 kg
W239100-4KG-K	4 kg
W239100-8KG-K	8 kg

3,7-Dimethyl-1,3,6-octatrien, see Ocimene Page 99
3,7-Dimethyl-1,3,6-octatriene, see Ocimene Page 99
(\pm)-3,7-Dimethyl-6-octenal, see (\pm)-Citronellal Page 29

3,7-Dimethyl-6-octenoic acid

Citronellic acid

[502-47-6] $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{CH}_2\text{CO}_2\text{H}$
 $\text{C}_{10}\text{H}_{18}\text{O}_2$ FW 170.25

► ≥94%

FEMA 3142 Flavis 8.036 CoE Nr 616

Organoleptic: fatty; smoky
NI

[W314218-SAMPLE](#)

W314218-100G	100 g
W314218-1KG	1 kg
W314218-5KG	5 kg

(S)-3,7-Dimethyl-6-octen-1-ol, see (S)-(-)- β -Citronellol
Page 29

α,α -Dimethylphenethyl acetate

[151-05-3] $\text{C}_{12}\text{H}_{16}\text{O}_2$ FW 192.25

Arc. 991; Fen. 187; Fen. 197

► ≥98%, FCC

FEMA 2392 Flavis 9.227 CoE Nr 2077

Organoleptic: fruity; floral; pear
Halal, Kosher

[W239208-SAMPLE-K](#)

W239208-1KG-K	1 kg
W239208-5KG-K	5 kg
W239208-10KG-K	10 kg

α,α -Dimethylphenethyl butyrate

[10094-34-5] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{C}(\text{CH}_3)_2\text{CH}_2\text{C}_6\text{H}_5$
 $\text{C}_{14}\text{H}_{20}\text{O}_2$ FW 220.31

Arc. 992; Fen. 188

► ≥95%, FCC

FEMA 2394 Flavis 9.232 CoE Nr 2084

Organoleptic: herbaceous; plum
Halal, Kosher

[W239402-SAMPLE-K](#)

W239402-1KG-K	1 kg
W239402-5KG-K	5 kg
W239402-10KG-K	10 kg

(S)-2,4-Dimethylphenol, see 2,4-Xylenol Page 130
2,5-Dimethylphenol, see 2,5-Xylenol Page 130
2,6-Dimethylphenol, see 2,6-Xylenol Page 130
3,4-Dimethylphenol, see 3,4-Xylenol Page 130
1,1-Dimethyl-2-phenylethyl alcohol, see 2-Methyl-1-phenyl-2-propanol Page 92

(R)-(+)-N,N-Dimethyl-1-phenylethylamine

(R)-(+)-N,N, α -Trimethylbenzylamine
[19342-01-9] $\text{C}_6\text{H}_5\text{CH}(\text{CH}_3)\text{N}(\text{CH}_3)_2$ $\text{C}_{10}\text{H}_{15}\text{N}$
FW 149.23

► 97%

FEMA 4248 Flavis 11.014

NI

[W424801-SAMPLE](#)

W424801-25G	25 g
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Dimethyl phthalate

DMP
[131-11-3] $\text{C}_6\text{H}_4\text{-}1,2\text{-}(\text{CO}_2\text{CH}_3)_2$ $\text{C}_{10}\text{H}_{10}\text{O}_4$
FW 194.18

► ≥99%

Arc. 1051

[W508500-SAMPLE](#)

W508500-1KG	1 kg
W508500-10KG	10 kg
W508500-25KG	25 kg

2,3-Dimethylpyrazine

[5910-89-4] $\text{C}_6\text{H}_8\text{N}_2$ FW 108.14

Fen. 189

► ≥95%, FCC, FG

FEMA 3271 Flavis 14.05 CoE Nr 11323

Organoleptic: almond; green; coffee; meaty
Halal, Kosher, NI

[W327107-SAMPLE-K](#)

W327107-100G-K	100 g
W327107-1KG-K	1 kg
W327107-5KG-K	5 kg
W327107-10KG-K	10 kg

2,5-Dimethylpyrazine

[123-32-0] $\text{C}_6\text{H}_8\text{N}_2$ FW 108.14

Arc. 1055; Fen. 190

► ≥98%, FCC, FG

FEMA 3272 Flavis 14.02 CoE Nr 2210

Halal, Kosher, NI

Organoleptic: meaty; nutty; medicinal; woody
remainder 2,6-dimethylpyrazine

[W327204-SAMPLE-K](#)

W327204-100G-K	100 g
W327204-500G-K	500 g
W327204-1KG-K	1 kg

2,6-Dimethylpyrazine

[108-50-9] $\text{C}_6\text{H}_8\text{N}_2$ FW 108.14

Arc. 1056; Fen. 191

► ≥98%, FG

FEMA 3273 Flavis 14.021 CoE Nr 2211

Organoleptic: meaty; nutty; coffee
Halal, Kosher, NI

[W327301-SAMPLE-K](#)

W327301-50G-K	50 g
W327301-250G-K	250 g
W327301-1KG-K	1 kg

2,6-Dimethylpyridine

2,6-Lutidine

[108-48-5] $\text{C}_7\text{H}_9\text{N}$ FW 107.15

Arc. 1826

► ≥99%

FEMA 3540 Flavis 14.065 CoE Nr 11381

Organoleptic: green; coffee; nutty

Halal, Kosher, NI

[W354007-SAMPLE-K](#)

W354007-1KG-K	1 kg
W354007-5KG-K	5 kg
W354007-10KG-K	10 kg

2,3-Dimethylquinoxaline

[2379-55-7] $\text{C}_{10}\text{H}_{10}\text{N}_2$ FW 158.20

► ≥97%

Flavis 14.108

[W512109-SAMPLE](#)

W512109-100G	100 g
W512109-1KG	1 kg
W512109-5KG	5 kg

(S)-Dimethylresorcinol, see 1,3-Dimethoxybenzene Page 36



Dimethylstyrene

p,a-Dimethylstyrene

[1195-32-0]	$\text{CH}_3\text{C}_6\text{H}_4\text{C}(\text{CH}_3)=\text{CH}_2$	$\text{C}_{10}\text{H}_{12}$
FW 132.20		
Arc. 2207; Fen. 193		
► ≥98%		
FEMA 3144	Flavis 1.01	CoE Nr 2260
Halal, Kosher, NI		
contains 0.10% alpha-tocopherol, synthetic as antioxidant		
W314404-SAMPLE-K		
W314404-25G-K	25 g	
W314404-100G-K	100 g	
W314404-1KG-K	1 kg	

Dimethyl succinate

Succinic acid dimethyl ester		
[106-65-0]	$\text{CH}_3\text{OCOCH}_2\text{CH}_2\text{COOCH}_3$	$\text{C}_6\text{H}_{10}\text{O}_4$
FW 146.14		
Arc. 1059; Fen. 193		
► 98%		
FEMA 2396	Flavis 9.445	CoE Nr 439
Organoleptic: fruity; wine-like		
Kosher, NI		
W239607-SAMPLE-K		
W239607-1KG-K	1 kg	
W239607-10KG-K	10 kg	
W239607-25KG-K	25 kg	

Dimethyl sulfide

DMS		
[75-18-3]	FEMA 2746	Flavis 12.006
$(\text{CH}_3)_2\text{S}$	$\text{C}_2\text{H}_6\text{S}$	CoE Nr 483c
FW 62.13		
Arc. 1060; Fen. 562		
► redistilled, ≥99%, FCC		
Kosher, NI		
Organoleptic: sulfurous; vegetable		
W274615-SAMPLE-K		
W274615-1KG-K	1 kg	
W274615-5KG-K	5 kg	
W274615-9KG-K	9 kg	
W274615-25KG-K	25 kg	
► ≥99%, redistilled		
W274658		
► natural, ≥99%, FCC, FG		
Halal, Kosher		
Organoleptic: sulfurous; vegetable		
W274623-SAMPLE-K		
W274623-25G-K	25 g	
W274623-100G-K	100 g	
W274623-1KG-K	1 kg	

▣ Dimethyl sulfoxide, see Methyl sulfoxide Page 93

2,4-Dimethylthiazole

[541-58-2]	$\text{C}_5\text{H}_7\text{NS}$	FW 113.18
► ≥95%		
Flavis 15.062		
Organoleptic: coffee; meaty		
NI		
W503401-SAMPLE		
W503401-25G	25 g	
W503401-100G	100 g	
W503401-1KG	1 kg	

4,5-Dimethylthiazole

[3581-91-7]	$\text{C}_5\text{H}_7\text{NS}$	FW 113.18
Fen. 194		
► ≥97%		
FEMA 3274	Flavis 15.017	CoE Nr 11606
Organoleptic: nutty; meaty		
NI		
W327409-SAMPLE		
W327409-25G	25 g	
W327409-100G	100 g	
W327409-1KG	1 kg	

2,5-Dimethylthiophene

[638-02-8]	$\text{C}_6\text{H}_8\text{S}$	FW 112.19
► ≥98%		
Flavis 15.064		
Kosher		
W515507-SAMPLE-K		
W515507-25G-K	25 g	
W515507-100G-K	100 g	
W515507-1KG-K	1 kg	

Dimethyl trisulfide

[3658-80-8]	$\text{CH}_3\text{SSSCCH}_3$	$\text{C}_2\text{H}_6\text{S}_3$	FW 126.26
Arc. 2254;	Fen. 196		
► ≥98%, FG			
FEMA 3275	Flavis 12.013	CoE Nr 539	
Organoleptic: meaty; alliaceous (onion, garlic)			
Halal, Kosher, NI			
W327506-SAMPLE-K			
W327506-100G-K	100 g		
W327506-250G-K	250 g		
W327506-1KG-K	1 kg		

6,10-Dimethyl-5,9-undecadien-2-one

Geranylacetone; 6,10-Dimethyl-5,9-undecadien-2-one		
[3796-70-1]	$(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2\text{CH}_2\text{COCH}_3$	$\text{C}_{13}\text{H}_{22}\text{O}$
FW 194.31		
Arc. 1432		
► ≥97%, FG		
FEMA 3542	Flavis 7.123	CoE Nr 11088
Organoleptic: apple; rose; green; woody; vegetable		
Halal, Kosher, NI		
contains 0.10% alpha-tocopherol, synthetic as antioxidant		
W354201-SAMPLE-K		
W354201-100G-K	100 g	
W354201-1KG-K	1 kg	
W354201-9KG-K	9 kg	

▣ Dipropyl disulfide, see Propyl disulfide Page 114

Dipropyl ketone, see 4-Heptanone Page 58

Disodium hydrogen phosphate, see Sodium phosphate dibasic Page 119

Disodium phosphate, see Sodium phosphate dibasic Page 119

Disodium succinate

Sodium succinate dibasic; Succinic acid disodium salt		
[150-90-3]	$\text{NaOOCCH}_2\text{CH}_2\text{COONa}$	$\text{C}_4\text{H}_4\text{Na}_2\text{O}_4$
FW 162.05		
Fen. 203		
► ≥98%		
FEMA 3277	Flavis 8.113	
Halal, Kosher, NI		
W327700-SAMPLE-K		
W327700-1KG-K	1 kg	
W327700-5KG-K	5 kg	
W327700-10KG-K	10 kg	

Disperse Blue 35

[12222-75-2]

► analytical standard, for food analysis

Dye standard for the assay of allergy-releasing dyes in textiles^{1,2}Lit. cited: 1. K.L. Hatch, H.I. Maibach, *J. Am. Acad. Dermatol.* 12, 1079 (1985)
2. *J. Am. Acad. Dermatol.* 32, 631 (1995)

17992-5G

5 g

Disperse Orange 1

4-(4-Nitrophenylazo)diphenylamine

[2581-69-3] O₂NC₆H₄N=NC₆H₄NHC₆H₅
C₁₈H₁₄N₂O₂ FW 318.33

► analytical standard, for food analysis

≥96.0% (HPLC)

29173-25MG

25 mg

Disperse Orange 3

4-(4-Nitrophenylazo)aniline

[730-40-5] CI 11005 O₂NC₆H₄N=NC₆H₄NH₂
C₁₂H₁₀N₂O₂ FW 242.23

► analytical standard, for food analysis

≥96.0% (HPLC)

53882-25MG

25 mg

Disperse Red 1

N-Ethyl-N-(2-hydroxyethyl)-4-(4-nitrophenylazo)aniline

[2872-52-8] CI 11110 C₁₆H₁₈N₃O₃ FW 314.34

► analytical standard, for food analysis

≥96.0% (HPLC)

11074-25MG

25 mg

Disperse Yellow 3

N-[4-(2-Hydroxy-5-methylphenylazo)phenyl]acetamide; 4-(2-Hydroxy-5-methylphenylazo)acetanilide

[2832-40-8] CI 11855 C₁₅H₁₅N₃O₂ FW 269.30

► analytical standard, for food analysis

≥96.0% (HPLC)

11344-25MG

25 mg

☒ 3,4-Dithiahexane, see Diethyl disulfide Page 34

1,4-Dithiane[505-29-3] C₄H₈S₂ FW 120.24

► ≥97%

FEMA 3831 Flavis 15.066

Organoleptic: alliaceous (onion, garlic); fishy
NI

W383104-SAMPLE

W383104-25G

25 g

W383104-100G

100 g

W383104-1KG

1 kg

☒ 1,4-Dithiane-2,5-diol, see 2,5-Dihydroxy-1,4-dithiane
Page 36

Dithienyl disulfide, see 2-Thienyl disulfide Page 123

2,2'-(Dithiodimethylene)difuran

Difurfuryl disulfide; Furfuryl disulfide

[4437-20-1] C₁₀H₁₀O₂S₂ FW 226.32

► ≥95%, FG

FEMA 3146 Flavis 13.05 CoE Nr 11480

Halal, Kosher

Organoleptic: meaty

NI

Arc. 918; Fen. 205

W314609-SAMPLE-K

100 g

W314609-100G-K

250 g

W314609-250G-K

1 kg

W314609-1KG-K

100 mg

☒ Divinylimine, see Pyrrole Page 116
DMDS, see Dimethyl disulfide Page 38
DMH, see 1,6-Hexanedithiol Page 60
DMP, see Dimethyl phthalate Page 39
DMS, see Dimethyl sulfide Page 40
DMSO, see Methyl sulfoxide Page 93
DOA, see Bis(2-ethylhexyl) adipate Page 19
DOA Plasticizer, see Bis(2-ethylhexyl) adipate Page 19**Docosanoic acid tryptamide**

N-[2-(3-Indolyl)ethyl]docosanamide; N-Docosanoyltryptamine; Behenic acid tryptamide; BAT

[7367-79-5] C₃₂H₅₄N₂O FW 482.78

► analytical standard, for food analysis

≥99.0% (HPLC)

12094-100MG-F

100 mg

☒ N-Docosanoyltryptamine, see Docosanoic acid tryptamide
Page 41**γ-Dodecalactone**(±)-4-Dodecanolide; (±)-γ-Octyl-γ-butyrolactone;
(±)-Dihydro-5-octyl-2(3H)-furanone[2305-05-7] C₁₂H₂₂O₂ FW 198.30

Arc. 1102; Fen. 206

► ≥97%, FCC

FEMA 2400 Flavis 10.019 CoE Nr 2240

Organoleptic: musty; fatty; fruity

Halal, Kosher, NI

W240001-SAMPLE-K

100 g

W240001-100G-K

1 kg

W240001-1KG-K

5 kg

W240001-5KG-K

10 kg

δ-Dodecalactone(±)-5-Dodecanolide; (±)-δ-Heptyl-δ-valerolactone;
(±)-6-Heptyltetrahydro-2H-pyran-2-one; 5-Hydroxydodecanoic acid δ-lactone[713-95-1] C₁₂H₂₂O₂ FW 198.30

Arc. 1103; Fen. 207

► ≥98%, FCC, FG

FEMA 2401 Flavis 10.008 CoE Nr 624

Natural occurrence: Blue cheese, heated butter,
pork fat, rum, sherry and cheeses.Organoleptic: butter; cheese; coconut; creamy; oily;
peach; wine-like

Halal, Kosher, NI

W240109-SAMPLE-K

10 kg

W240109-1KG-K

1 kg

W240109-5KG-K

5 kg

W240109-10KG-K

10 kg

☒ Dodecanal, see Lauric aldehyde Page 74
Dodecanoic acid, see Lauric acid Page 74
1-Dodecanol, see Lauryl alcohol Page 74
(±)-4-Dodecanolide, see γ-Dodecalactone Page 41
(±)-5-Dodecanolide, see δ-Dodecalactone Page 41**trans-2-Dodecenal**[20407-84-5] CH₃(CH₂)₈CH=CHCHO C₁₂H₂₂O
FW 182.30

Arc. 1110; Fen. 207

► ≥93%, FCC

FEMA 2402 Flavis 5.144 CoE Nr 124

Organoleptic: orange; fatty; herbaceous
Kosher, NI

W240206-SAMPLE-K

100 g

W240206-100G-K

1 kg

W240206-5KG-K

5 kg

☒ Dodecyl acetate, see Lauryl acetate Page 74
Dodecyl alcohol, see Lauryl alcohol Page 74
Dodecyl aldehyde, see Lauric aldehyde Page 74
Lauric aldehyde Page 74**2-Dodecylcyclobutanone**[35493-46-0] C₁₆H₃₀O FW 238.41

► analytical standard, for food analysis

≥95% (GC)

44197-5MG

5 mg

trans-11-Eicosenoic acid[62322-84-3] C₂₀H₃₈O₂ FW 310.51

► analytical standard, for food analysis

≥98.0% (GC)

10823-50MG

50 mg

☒ Elainic acid, see Oleic acid Page 102

Elemi Resin

[9000-75-3]

► natural

FEMA 2407
from *Canarium luzonicum*
Kosher
France origin

W240702-SAMPLE-K

1 kg

W240702-1KG-K

5 kg

W240702-5KG-K

10 kg

W240702-10KG-K

10 kg

☒ ELO, see Epoxidized linseed oil Page 41
Enanthic acid, see Heptanoic acid Page 57**Epoxidized linseed oil**

Linseed oil, epoxidized; ELO

[8016-11-3]

► analytical standard, for food analysis

Qualitative standard for the determination of ELO in foods with HPLC-MS or GC-MS. ELO is currently still employed as plasticizer and HCl scavenger in foamed PVC used in cap linings

epoxides ~9%

06681-500MG-F

500 mg

06681-2.5G-F

2.5 g

Epoxidizedsoyab

Epoxidized soya bean oil

Soybean oil, epoxidized; ESBO [8013-07-8]	
► analytical standard, for food analysis	
Qualitative standard for the determination of ESBO in foods with HPLC-MS or GC-MS. ESBO is currently still employed as plasticizer and HCl scavenger in foamed PVC used in cap linings	
epoxides	~7%
43956-500MG-F	500 mg
43956-2.5G-F	2.5 g

▣ (–)-Epoxycaryophyllene, see (–)-Caryophyllene oxide Page 26
 1,2-Epoxyethylbenzene, see Styrene oxide Page 120
 1,8-Epoxy-*p*-menthane, see Eucalyptol Page 51
 Erythorbic acid, see *d*-Isoascorbic acid Page 68
d-Isoascorbic acid Page 68
 ESBO, see Epoxidized soya bean oil Page 42
 Estragole, see 4-Allylanisole Page 10
 Estragon oil, see Tarragon oil Page 121
 Ethanal, see Acetaldehyde Page 8
 Ethanethioic acid, *S*-(2-methyl-3-furanyl) ester, see 2-Methyl-3-furanthiol acetate Page 86

Ethanethiol

NEW

Ethyl mercaptan; Mercaptan C ₂ [75-08-1] C ₂ H ₅ SH C ₂ H ₆ S FW 62.13	
► ≥97%	
FEMA 4258 Flavis 12.017	
W425800-SAMPLE	
W425800-1KG	1 kg
W425800-9KG	9 kg

Ethanethiol solution

C ₂ H ₆ S FW 62.13	
► 10 wt. % in propylene glycol	
Flavis 12.017	
W527505-SAMPLE	
W527505-1KG	1 kg
W527505-10KG	10 kg
W527505-25KG	25 kg

4-Ethoxybenzaldehyde

[10031-82-0] C ₂ H ₅ OC ₆ H ₄ CHO C ₉ H ₁₀ O ₂ FW 150.17 Arc. 1135; Fen. 211	
► ≥99%	
FEMA 2413 Flavis 5.056 CoE Nr 626	
Organoleptic: spicy; sweet	
Kosher	
W241318-SAMPLE-K	
W241318-100G-K	100 g
W241318-500G-K	500 g
W241318-1KG-K	1 kg
W241318-5KG-K	5 kg

▣ 2-(2-Ethoxyethoxy)ethanol, see Di(ethylene glycol) ethyl ether Page 34
 3-Ethoxy-4-hydroxybenzaldehyde, see Ethyl vanillin Page 51
 2-Ethoxynaphthalene, see Nerolin bromelia Page 97
 2-Ethoxy-3(5 or 6)-methylpyrazine, mixture of isomers, see 2-Methyl-3(5 or 6)-ethoxypyrazine, mixture of isomers Page 90

4-Ethoxyphenol

Hydroquinone monoethyl ether [622-62-8] C ₂ H ₅ OC ₆ H ₄ OH C ₈ H ₁₀ O ₂ FW 138.16	
► 99%	
FEMA 3695 Flavis 4.037	

W369501

► ≥99%, FCC

CoE Nr 240
 Organoleptic: ethereal; sweet
 Kosher, NI

W241504-SAMPLE-K

W241504-1KG-K	1 kg
W241504-5KG-K	5 kg
W241504-10KG-K	10 kg
W241504-25KG-K	25 kg

Ethyl 2-acetyl-3-phenylpropionate

► ≥97%

FEMA 2416 Flavis 9.501 CoE Nr 2241
 Organoleptic: balsam; jasmine; fruity
 Arc. 1163; Fen. 214

W241601-SAMPLE

W241601-25G	25 g
W241601-100G	100 g
W241601-1KG	1 kg

Ethyl acrylate

Acrylic acid ethyl ester

[140-88-5] CH₂=CHCOOC₂H₅ C₅H₈O₂ FW 100.12
 Arc. 1142; Fen. 216

► 99.5%, FCC

FEMA 2418 Flavis 9.037 CoE Nr 245
 Organoleptic: fruity
 Kosher, NI
 contains ≤220 ppm MEHQ as antioxidant

W241806-SAMPLE-K

W241806-1KG-K	1 kg
W241806-10KG-K	10 kg
W241806-25KG-K	25 kg

▣ 2-Ethylacrylic aldehyde, see *trans*-2-Pentenal Page 105

Ethylamine solution

Monooethylamine; Aminoethane

[75-04-7] C₂H₅NH₂ C₂H₇N FW 45.08

► 70 wt. % in H₂O

FEMA 4236 Flavis 11.015

W423601-SAMPLE

Ethyl 2-aminobenzoate

Ethyl anthranilate

[87-25-2] H₂NC₆H₄CO₂C₂H₅ C₉H₁₁NO₂ FW 165.19
 Arc. 1154; Fen. 217

► ≥96%, FCC

FEMA 2421 Flavis 9.716 CoE Nr 251
 Organoleptic: blossom; grape; sweet
 Halal, Kosher, NI

W242101-SAMPLE-K

W242101-1KG-K	1 kg
W242101-10KG-K	10 kg
W242101-25KG-K	25 kg

▣ Ethyl-N-amylcarbinol, see 2-Octanol Page 100
 Ethyl amyl ketone, see 3-Octanone Page 101

Ethylbutenoate

Ethyl p-anisate

[94-30-4] CH₃OCH₂CO₂C₆H₅ C₁₀H₁₂O₃ FW 180.20
Arc. 1153; Fen. 217

► ≥97%, FCC

FEMA 2420 Flavis 9.714 CoE Nr 249

Organoleptic: anise; fruity
Halal, NI

[W242004-SAMPLE](#)

[W242004-1KG](#)

1 kg

[W242004-5KG](#)

5 kg

[W242004-10KG](#)

10 kg

☒ Ethyl anthranilate, see Ethyl 2-aminobenzoate Page 42

4-Ethylbenzaldehyde

[4748-78-1] C₇H₅C₆H₄CHO C₉H₁₀O FW 134.18
Arc. 1156; Fen. 218

► ≥97%

FEMA 3756 Flavis 5.068 CoE Nr 705

Organoleptic: almond; sweet
Kosher, NI

[W375608-SAMPLE-K](#)

[W375608-1KG-K](#)

1 kg

[W375608-5KG-K](#)

5 kg

[W375608-10KG-K](#)

10 kg

2-Ethylbenzenethiol

2-Ethylthiophenol
[4500-58-7] C₇H₅C₆H₄SH C₈H₁₀S FW 138.23

► ≥94%

FEMA 3345 Flavis 12.054 CoE Nr 11666

Kosher

Fen. 269

[W334502-SAMPLE-K](#)

[W334502-25G-K](#)

25 g

[W334502-100G-K](#)

100 g

[W334502-1KG-K](#)

1 kg

Ethyl benzoate

[93-89-0] FEMA 2422 Flavis 9.726 CoE Nr 261
C₆H₅COOC₂H₅ C₉H₁₀O₂ FW 150.17
Arc. 1159; Fen. 218

► ≥99%, FCC

Natural occurrence: Feijoa, guava, plum, raspberry, rum, strawberry, Virginia tobacco.

Organoleptic: anise; banana; berry; cherry; grape; floral; plum; vanilla; minty
Kosher, NI

[W242209-SAMPLE-K](#)

[W242209-1KG-K](#)

1 kg

[W242209-10KG-K](#)

10 kg

[W242209-25KG-K](#)

25 kg

► natural, ≥99%, FCC

Natural Occurrence: Feijoa, guava, plum, raspberry, rum, strawberry, Virginia tobacco.

Kosher

Organoleptic: anise; balsam; cherry; cranberry; grape; fruity; floral; plum; raspberry; strawberry; vanilla; wine-like; minty; spicy

[W242217-SAMPLE-K](#)

[W242217-25G-K](#)

25 g

[W242217-100G-K](#)

100 g

[W242217-1KG-K](#)

1 kg

☒ α-Ethylbenzyl alcohol, see 1-Phenyl-1-propanol Page 109

Ethyl trans-2-butenoate

Ethyl crotonate

[623-70-1] CH₃CH=CHCOOC₂H₅ C₆H₁₀O₂
FW 114.14

Arc. 1196; Fen. 223

► ≥96%, FG

FEMA 3486 Flavis 9.248 CoE Nr 2244

Organoleptic: ethereal; wine-like
Halal, Kosher, NI

[W348600-SAMPLE-K](#)

[W348600-1KG-K](#)

1 kg

[W348600-4KG-K](#)

4 kg

[W348600-10KG-K](#)

10 kg

[W348600-20KG-K](#)

20 kg

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Ethylbutylacetate

2-Ethylbutyl acetate

[10031-87-5] $\text{CH}_3\text{CO}_2\text{CH}_2\text{CH}(\text{C}_2\text{H}_5)_2$ $\text{C}_8\text{H}_{16}\text{O}_2$
FW 144.21

Arc. 1169; Fen. 220

► ≥98%

FEMA 2425 Flavis 9.025 CoE Nr 215

Organoleptic: apricot; banana; musty; oily; fruity; citrus; peach; sweet; ethereal; earthy

W242500-SAMPLE

W242500-100G 100 g

W242500-1KG 1 kg

W242500-4KG 4 kg

☒ Ethyl butyl ketone, see 3-Heptanone Page 58

Ethyl butyrate

Butyric acid ethyl ester

[105-54-4] FEMA 2427 Flavis 9.039
 $\text{CH}_3\text{CH}_2\text{CH}_2\text{C}(\text{O})\text{OC}_2\text{H}_5$ $\text{C}_6\text{H}_{12}\text{O}_2$ FW 116.16
Arc. 1178; Fen. 221

► ≥98%, FCC

CoE Nr 264

Organoleptic: banana; ethereal; pineapple
Halal, Kosher, NI

W242705-SAMPLE-K

W242705-1KG-K 1 kg

W242705-4KG-K 4 kg

W242705-9KG-K 9 kg

W242705-20KG-K 20 kg

► natural, ≥98%, FCC

CoE Nr 264c

Halal, Kosher

Organoleptic: banana; pineapple; sweet; ethereal

W242713-SAMPLE-K

W242713-1KG-K 1 kg

W242713-4KG-K 4 kg

W242713-9KG-K 9 kg

W242713-20KG-K 20 kg

2-Ethylbutyric acid

Diethylacetic acid

[88-09-5] $(\text{C}_2\text{H}_5)_2\text{CHCO}_2\text{H}$ $\text{C}_6\text{H}_{12}\text{O}_2$ FW 116.16
Arc. 1180; Fen. 222

► ≥98%, FCC

FEMA 2429 Flavis 8.045 CoE Nr 2001

Organoleptic: berry; caramel; sour
NI

W242918-SAMPLE

W242918-1KG-K 1 kg

W242918-5KG 5 kg

W242918-10KG 10 kg

W242918-25KG 25 kg

☒ γ -Ethyl- γ -butyrolactone, see γ -Hexalactone Page 59
Ethyl butyrylacetate, see Ethyl 3-oxohexanoate Page 49
Ethyl caprate, see Ethyl decanoate Page 44
Ethyl caproate, see Ethyl hexanoate Page 45
2-Ethylcaproic acid, see 2-Ethylhexanoic acid Page 45
Ethyl caprylate, see Ethyl octanoate Page 49

Ethyl chrysanthemate

2,2-Dimethyl-3-(1-isobutenyl)cyclopropane-1-carboxylic acid ethyl ester; Chrysanthemum monocarboxylic acid ethyl ester

[97-41-6] $\text{C}_{12}\text{H}_{20}\text{O}_2$ FW 196.29

Arc. 1187

► mixture of cis and trans, ≥95%

Organoleptic: wine-like; herbaceous; ethereal; sweet

W506109-SAMPLE

W506109-100G 100 g

W506109-1KG 1 kg

W506109-5KG 5 kg

► natural, ≥85%, FG

Natural Occurrence: Apple, pear, grape, pear brandy and quince.

Halal, Kosher

Organoleptic: apple; wine-like; green; fatty

W314811-SAMPLE-K

W314811-25G-K 25 g

W314811-100G-K 100 g

W314811-1KG-K 1 kg

Ethyl cinnamate

[103-36-6] FEMA 2430 Flavis 9.73 CoE Nr 323
 $\text{C}_6\text{H}_5\text{CH}=\text{CHCO}_2\text{C}_2\text{H}_5$ $\text{C}_{11}\text{H}_{12}\text{O}_2$ FW 176.21
Arc. 1188; Fen. 222

► ≥98%, FCC

Organoleptic: cinnamon; spicy; plum; sweet
Halal, Kosher, NI

W243000-SAMPLE-K

W243000-1KG-K 1 kg

W243000-10KG-K 10 kg

W243000-25KG-K 25 kg

► natural, ≥92%, FG

Halal, Kosher

Organoleptic: cinnamon; plum; sweet

W243019-SAMPLE-K

W243019-100G-K 100 g

W243019-1KG-K 1 kg

W243019-5KG-K 5 kg

☒ Ethyl citrate, see Triethyl citrate Page 125
Ethyl crotonate, see Ethyl trans-2-butenoate Page 43

Ethyl cyclohexanepropionate

[10094-36-7] $\text{C}_{11}\text{H}_{20}\text{O}_2$ FW 184.28
Arc. 1200; Fen. 224

► ≥99%

FEMA 2431 Flavis 9.488 CoE Nr 2095

Organoleptic: peach; pear; sweet

W243108-SAMPLE

W243108-100G 100 g

W243108-1KG 1 kg

W243108-5KG 5 kg

► natural, ≥98%, FCC

CoE Nr 309c

Kosher

Organoleptic: grape; oily; wine-like

W243213-SAMPLE-K

W243213-100G-K 100 g

W243213-1KG-K 1 kg

W243213-4KG-K 4 kg

W243213-9KG-K 9 kg

Ethyl trans-2-decenoate

trans-2-Decenoic acid ethyl ester

[7367-88-6] $\text{CH}_3(\text{CH}_2)_6\text{CH}=\text{CHCO}_2\text{C}_2\text{H}_5$ $\text{C}_{12}\text{H}_{22}\text{O}_2$
FW 198.30
Fen. 226

► ≥95%

FEMA 3641 Flavis 9.283 CoE Nr 10577

Organoleptic: fatty; waxy

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

W364118-SAMPLE-K

W364118-100G-K 100 g

W364118-1KG-K 1 kg

W364118-5KG-K 5 kg

☒ 2-Ethyl-2,5-dihydro-4,5-dimethylthiazole, see 4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers Page 38

Ethyl dimethyl dioxolane acetate

[6290-17-1] $\text{C}_9\text{H}_{16}\text{O}_4$ FW 188.22

► mixture of isomers, ≥97%

FEMA 4294 Flavis 6.087

W429400-SAMPLE

W429400-1KG 1 kg

☒ 2-Ethyl-4,5-dimethylthiazoline, see 4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers Page 38

2-Ethyl-4,5-dimethyl-3-thiazoline, see 4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers Page 38

Ethyl disulfide, see Diethyl disulfide Page 34

Ethyl dodecanoate, see Ethyl laurate Page 47

Ethyl enanthate, see Ethyl heptanoate Page 45

Ethylene brassylate

[105-95-3] C ₁₅ H ₂₆ O ₄	FW 270.36
Arc. 1214; Fen. 220	
► ≥95%	
FEMA 3543 Flavis 9.533 CoE Nr 10571	
Organoleptic: musty; sweet Kosher	
W354309-SAMPLE-K	
W354309-1KG-K	1 kg
W354309-5KG-K	5 kg
W354309-10KG-K	10 kg
☒ Ethylene glycol monophenylether isobutyrate, see 2-Phenoxyethyl isobutyrate Page 108	

2-Ethylfenchol

[18368-91-7] C ₁₂ H ₂₂ O	FW 182.30
► ≥97%, FCC	
FEMA 3491 Flavis 2.095 CoE Nr 10208	
Organoleptic: berry; lime; earthy; vanilla Kosher	
W349100-SAMPLE-K	
W349100-100G-K	100 g
W349100-1KG-K	1 kg
W349100-5KG-K	5 kg

Ethyl formate

Formic acid ethyl ester	
[109-94-4] FEMA 2434 Flavis 9.072 HCOOC ₂ H ₅	
C ₃ H ₆ O ₂	FW 74.08
Arc. 1235; Fen. 231	
► ≥97%, FCC, FG	
CoE Nr 339	
Organoleptic: fruity; ethereal; sweet; wine-like Halal, Kosher, NI	
W243418-SAMPLE-K	
W243418-1KG-K	1 kg
W243418-10KG-K	10 kg
W243418-25KG-K	25 kg

► natural, ≥80%, FG

CoE Nr 339c	
Halal, Kosher	
☒ Ethyl 3-(2-furyl)propanoate, see Ethyl 3-(furan-2-yl)propionate Page 45	
W243434-SAMPLE-K	
W243434-100G-K	100 g
W243434-1KG-K	1 kg
W243434-5KG-K	5 kg

2-Ethylfuran

[3208-16-0] C ₆ H ₈ O	FW 96.13
Arc. 1236; Fen. 232	
► ≥99%	
FEMA 3673 Flavis 13.092 CoE Nr 11706	
Organoleptic: coffee; ethereal; sweet Kosher, NI	
W367303-SAMPLE-K	
W367303-25G-K	25 g
W367303-100G-K	100 g
W367303-1KG-K	1 kg

☒ Ethyl furan-2-carboxylate, see Ethyl 2-furoate Page 45

Ethyl 3-(furan-2-yl)propionate

Ethyl 3-(2-furyl)propanoate	
[10031-90-0] C ₉ H ₁₂ O ₃	
FW 168.19	
Arc. 1237; Fen. 232	
► ≥98%	
FEMA 2435 Flavis 13.022 CoE Nr 2091	
Organoleptic: green; pineapple Kosher	
W243507-SAMPLE-K	
W243507-25G-K	25 g
W243507-100G-K	100 g
W243507-1KG-K	1 kg

Ethyl heptanoate

Ethyl enanthate	
[106-30-9] FEMA 2437 Flavis 9.093	
CH ₃ (CH ₂) ₅ COOC ₂ H ₅	C ₉ H ₁₈ O ₂
FW 158.24	
Arc. 1255; Fen. 234	
► ≥98%, FCC, FG	
CoE Nr 365	
Organoleptic: berry; melon; peach; pineapple; plum Halal, Kosher, NI	
W243701-SAMPLE-K	
W243701-1KG-K	1 kg
W243701-4KG-K	4 kg
W243701-9KG-K	9 kg
W243701-20KG-K	20 kg

► natural, ≥98%, FCC

CoE Nr 365c	
Kosher	
Organoleptic: fruity	
W243728-SAMPLE-K	
W243728-100G-K	100 g
W243728-1KG-K	1 kg
W243728-4KG-K	4 kg
☒ Ethyl heptyl ketone, see 3-Decanone Page 33 Ethyl hexadecanoate, see Ethyl palmitate Page 49 Ethyl <i>trans,trans</i> -2,4-hexadienoate, see Ethyl sorbate Page 50	

Ethyl 2-furoate

Ethyl furan-2-carboxylate	
[614-99-3] C ₇ H ₈ O ₃	
FW 140.14	
Arc. 1240	
► ≥98%	
Flavis 13.122	
Organoleptic: floral; plum Kosher, NI	
W501301-SAMPLE-K	
W501301-100G-K	100 g
W501301-1KG-K	1 kg
W501301-5KG-K	5 kg

☒ Ethyl 3-(2-furyl)propanoate, see Ethyl 3-(furan-2-yl)propionate Page 45

Ethyl hexanoate

Ethyl caproate; Caproic acid ethyl ester	
[123-66-0] FEMA 2439 Flavis 9.06 CoE Nr 310	
CH ₃ (CH ₂) ₄ COOC ₂ H ₅	C ₈ H ₁₆ O ₂
FW 144.21	
Arc. 1183; Fen. 235	
► ≥98%, FCC, FG	
Organoleptic: apple; banana; pineapple; wine-like	
Halal, Kosher, NI	
W243906-SAMPLE-K	
W243906-1KG-K	1 kg
W243906-4KG-K	4 kg
W243906-9KG-K	9 kg
W243906-20KG-K	20 kg

► natural, ≥98%, FCC, FG

Halal, Kosher	
Organoleptic: apple; banana; wine-like	
W243914-SAMPLE-K	
W243914-1KG-K	
W243914-1KG-K	1 kg
W243914-4KG-K	4 kg
W243914-9KG-K	9 kg

2-Ethylhexanoic acid

2-Ethylcaproic acid	
[149-57-5] CH ₃ (CH ₂) ₃ CH(C ₂ H ₅)CO ₂ H	
C ₈ H ₁₆ O ₂	
FW 144.21	
► ≥99%	
Flavis 8.078	
W515302-SAMPLE	
W515302-1KG	1 kg
W515302-9KG	9 kg
W515302-20KG	20 kg

Ethylhexanol

2-Ethyl-1-hexanol

Isooctyl alcohol
 [104-76-7] $\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{C}_2\text{H}_5)\text{CH}_2\text{OH}$ $\text{C}_8\text{H}_{18}\text{O}$
 FW 130.23
 Arc. 1260; Fen. 236

► ≥99%

FEMA 3151 Flavis 2.082 CoE Nr 11763
Organoleptic: oily; rose; sweet
 Kosher, NI

[W315109-SAMPLE-K](#)

[W315109-1KG-K](#)

1 kg

[W315109-4KG-K](#)

4 kg

[W315109-8KG-K](#)

8 kg

Ethyl trans-3-hexenoate

[2396-83-0] $\text{C}_2\text{H}_5\text{CH}=\text{CHCH}_2\text{CO}_2\text{C}_2\text{H}_5$ $\text{C}_8\text{H}_{14}\text{O}_2$
 FW 142.20
 Fen. 237

► ≥98%

FEMA 3342 Flavis 9.191
Organoleptic: pineapple
 Halal, Kosher, NI

[W334200-SAMPLE-K](#)

[W334200-100G-K](#)

100 g

[W334200-1KG-K](#)

1 kg

[W334200-5KG-K](#)

5 kg

2-Ethylhexyl acetate

[103-09-3] $\text{H}_3\text{CCO}_2\text{CH}_2\text{CH}(\text{C}_2\text{H}_5)(\text{CH}_2)_3\text{CH}_3$
 $\text{C}_{10}\text{H}_{20}\text{O}_2$ FW 172.26
 Arc. 1262

► ≥99%

Flavis 9.381
 Kosher

[W514705-SAMPLE-K](#)

[W514705-1KG-K](#)

1 kg

[W514705-9KG-K](#)

9 kg

[W514705-20KG-K](#)

20 kg

▣ Ethyl hexyl ketone, see 3-Nonanone Page 98

2-Ethylhexyl salicylate

Octyl salicylate; Octisalate
 [118-60-5] $(\text{HO})\text{C}_6\text{H}_4\text{CO}_2\text{CH}_2\text{CH}(\text{C}_2\text{H}_5)(\text{CH}_2)_3\text{CH}_3$
 $\text{C}_{15}\text{H}_{22}\text{O}_3$ FW 250.33

► ≥99%

Kosher

[W514500-SAMPLE-K](#)

[W514500-1KG-K](#)

1 kg

[W514500-10KG-K](#)

10 kg

[W514500-25KG-K](#)

25 kg

1-Ethylhexyl tiglate

3-Octyl tiglate
 [94133-92-3] $\text{CH}_3\text{CH}=\text{C}(\text{CH}_3)\text{CO}_2\text{CH}(\text{C}_2\text{H}_5)(\text{CH}_2)_4\text{CH}_3$ $\text{C}_{13}\text{H}_{24}\text{O}_2$
 FW 212.33

Fen. 237

► ≥92%

FEMA 3676 Flavis 9.539

Organoleptic: spicy

[W367605-SAMPLE](#)

[W367605-25G](#)

25 g

[W367605-100G](#)

100 g

[W367605-1KG](#)

1 kg

Ethyl 3-hydroxyhexanoate

[2305-25-1] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{CO}_2\text{C}_2\text{H}_5$
 $\text{C}_8\text{H}_{16}\text{O}_3$ FW 160.21
 Arc. 1270

► ≥98%, FG

FEMA 3545 Flavis 9.535 CoE Nr 4101

Organoleptic: grape; citrus; smoky

Halal; Kosher, NI

[W354503-SAMPLE-K](#)

[W354503-100G-K](#)

100 g

[W354503-250G-K](#)

250 g

[W354503-1KG-K](#)

1 kg

[W354503-5KG-K](#)

5 kg

5-Ethyl-3-hydroxy-4-methyl-2(5H)-furan-one

[698-10-2] $\text{C}_7\text{H}_{10}\text{O}_3$ FW 142.15
 Fen. 240

► 97%, FG

FEMA 3153 Flavis 10.023 CoE Nr 4005

Organoleptic: caramel; maple

Halal, Kosher, NI

[W315303-SAMPLE-K](#)

[W315303-100G-K](#)

100 g

[W315303-250G-K](#)

250 g

[W315303-1KG-K](#)

1 kg

2-Ethyl-4-hydroxy-5-methyl-3(2H)-furan-one, mixture of isomers

[27538-10-9] $\text{C}_7\text{H}_{10}\text{O}_3$ FW 142.15
 Fen. 240

► ≥97%, FG

FEMA 3623

Organoleptic: caramel; fruity

Halal, Kosher

[W362301-SAMPLE-K](#)

[W362301-25G-K](#)

25 g

[W362301-100G-K](#)

100 g

[W362301-1KG-K](#)

1 kg

▣ Ethyl 2-hydroxypropionate, see Ethyl lactate Page 47
 2-Ethyl-3-hydroxy-4H-pyran-4-one, see Ethyl maltol Page 47

Ethyl isobutyrate

[97-62-1] FEMA 2428 Flavis 9.413
 $(\text{CH}_3)_2\text{CHCOOC}_2\text{H}_5$ $\text{C}_6\text{H}_{12}\text{O}_2$ FW 116.16
 Arc. 1179; Fen. 241

► ≥98%, FCC, FG

CoE Nr 288

Organoleptic: citrus; strawberry

Halal, Kosher, NI

[W242802-SAMPLE-K](#)

[W242802-1KG-K](#)

1 kg

[W242802-4KG-K](#)

4 kg

[W242802-8KG-K](#)

8 kg

[W242802-9KG-K](#)

9 kg

[W242802-20KG-K](#)

20 kg

3-Ethyl-2-hydroxy-2-cyclopenten-1-one solution

► 50 wt. % in propylene glycol

FEMA 3152 Flavis 7.057 CoE Nr 759

Organoleptic: chocolate; maple; coffee; smoky
 Halal, Kosher, NI

[W315214-SAMPLE-K](#)

[W315214-100G-K](#)

100 g

[W315214-1KG-K](#)

1 kg

[W315214-5KG-K](#)

5 kg

▣ N-Ethyl-N-(2-hydroxyethyl)-4-(4-nitrophenylazo)aniline, see Disperse Red 1 Page 41

► natural, ≥98%, FCC

CoE Nr 288c

Halal, Kosher

[W242810-SAMPLE-K](#)[W242810-25G-K](#)

25 g

[W242810-100G-K](#)

100 g

[W242810-1KG-K](#)

1 kg

N-Ethyl-2-isopropyl-5-methylcyclohexanecarboxamide

N-Ethyl-p-methane-3-carboxamide; Ethyl menthane carboxamide; Framidice 3; Menthol Carboxamide WS-3

[39711-79-0] C₁₃H₂₅NO FW 211.34

► 99%

FEMA 3455 Flavis 16.013

Kosher

[W345501-SAMPLE-K](#)[W345501-100G-K](#)

100 g

[W345501-1KG-K](#)

1 kg

[W345501-5KG-K](#)

5 kg

[W345501-25KG-K](#)

25 kg

Ethyl isothiocyanate

NEW

Ethyl mustard oil

[542-85-8] C₂H₅NCS C₃H₅N FW 87.14

► 97%

FEMA 4420

[W442000-SAMPLE](#)[W442000-1KG](#)

1 kg

Ethyl isovalerate[108-64-5] FEMA 2463 Flavis 9.447 CoE Nr 442 (CH₃)₂CHCH₂COOC₂H₅ C₇H₁₄O₂ FW 130.18

Organoleptic: apple

Arc. 1362; Fen. 243

► ≥98%, FCC, FG

Halal, Kosher, NI

[W246301-SAMPLE-K](#)[W246301-1KG-K](#)

1 kg

[W246301-4KG-K](#)

4 kg

[W246301-20KG-K](#)

20 kg

► natural, ≥98%, FCC, FG

Halal, Kosher

[W246328-SAMPLE-K](#)[W246328-100G-K](#)

100 g

[W246328-1KG-K](#)

1 kg

[W246328-4KG-K](#)

4 kg

Ethyl lactate

Ethyl 2-hydroxypropionate

[97-64-3] FEMA 2440 Flavis 9.433 CoE Nr 371 CH₃CH(OH)COOCH₂CH₃ C₅H₁₀O₃ FW 118.13

Organoleptic: butter; fruity

Arc. 1276; Fen. 243

► ≥98%, FCC, FG

Halal, Kosher, NI

[W244007-SAMPLE-K](#)[W244007-1KG-K](#)

1 kg

[W244007-5KG-K](#)

5 kg

[W244007-25KG-K](#)

25 kg

► natural, ≥98%, FCC

Kosher

[W244015-SAMPLE-K](#)[W244015-1KG-K](#)

1 kg

[W244015-5KG-K](#)

5 kg

[W244015-10KG-K](#)

10 kg

Ethyl laurateEthyl dodecanoate; Lauric acid ethyl ester [106-33-2] FEMA 2441 Flavis 9.099 CH₃(CH₂)₁₀COOC₂H₅ C₁₄H₂₈O₂ FW 228.37 Arc. 1277; Fen. 244

► ≥98%, FCC, FG

CoE Nr 375

Organoleptic: green; fruity; floral
Halal, Kosher, NI[W244104-SAMPLE-K](#)[W244104-1KG-K](#)

1 kg

[W244104-4KG-K](#)

4 kg

[W244104-9KG-K](#)

9 kg

[W244104-20KG-K](#)

20 kg

► natural, ≥98%, FCC

CoE Nr 375c

Kosher

Organoleptic: fruity; floral

[W244112-SAMPLE-K](#)[W244112-100G-K](#)

100 g

[W244112-1KG-K](#)

1 kg

[W244112-4KG-K](#)

4 kg

Ethyl levulinate

Ethyl 4-oxopentanoate

[539-88-8] CH₃COCH₂CH₂COOC₂H₅ C₇H₁₂O₃ FW 144.17 Arc. 1278; Fen. 244

► ≥98%, FCC, FG

FEMA 2442 Flavis 9.435 CoE Nr 373

Organoleptic: apple; ethereal; pineapple; sweet; green

Halal, NI

[W244201-SAMPLE](#)[W244201-1KG](#)

1 kg

[W244201-5KG](#)

5 kg

[W244201-10KG](#)

10 kg

[W244201-25KG](#)

25 kg

Ethyl maltol

2-Ethyl-3-hydroxy-4H-pyran-4-one

[4940-11-8] C₇H₈O₃ FW 140.14

► ≥99%, FCC, FG

FEMA 3487 Flavis 7.047 CoE Nr 692

Organoleptic: caramel

Halal, Kosher

Arc. 1745; Fen. 245

[W348708-SAMPLE-K](#)[W348708-100G-K](#)

100 g

[W348708-1KG-K](#)

1 kg

[W348708-5KG-K](#)

5 kg

[W348708-25KG-K](#)

25 kg

☒ Ethyl menthane carboxamide, see N-Ethyl-2-isopropyl-5-methylcyclohexanecarboxamide Page 47
Ethyl mercaptan, see Ethanethiol Page 42**Ethyl 2-mercaptopropionate**[19788-49-9] CH₃CH(SH)CO₂C₂H₅ C₅H₁₀O₂S FW 134.20 Fen. 245

► ≥95%

FEMA 3279 Flavis 12.046 CoE Nr 11469

Organoleptic: grape; meaty; vegetable; alliaceous (onion, garlic)
Kosher, NI[W327905-SAMPLE-K](#)[W327905-100G-K](#)

100 g

[W327905-1KG-K](#)

1 kg

[W327905-5KG-K](#)

5 kg

☒ N-Ethyl-p-methane-3-carboxamide, see N-Ethyl-2-isopropyl-5-methylcyclohexanecarboxamide Page 47

2-Ethyl-3-methoxypyrazine[25680-58-4] C₇H₁₀N₂O FW 138.17

► ≥99%

FEMA 3280 Flavis 14.112

Kosher

[W514403-SAMPLE-K](#)[W514403-25G-K](#)

25 g

[W514403-100G-K](#)

100 g

[W514403-1KG-K](#)

1 kg

☒ Ethyl trans-2-methyl-2-butenoate, see Ethyl tiglate Page 50

Ethyl 2-methylbutyrate[7452-79-1] FEMA 2443 Flavis 9.409 CH₃CH₂CH(CH₃)COOC₂H₅ C₇H₁₄O₂ FW 130.18 Arc. 1292; Fen. 248

► ≥98%, FCC, FG

CoE Nr 265

Organoleptic: apple; green; plum

Halal, Kosher, NI

[W244309-SAMPLE-K](#)[W244309-1KG-K](#)

1 kg

[W244309-4KG-K](#)

4 kg

[W244309-9KG-K](#)

9 kg

[W244309-20KG-K](#)

20 kg

► natural, ≥98%, FCC

CoE Nr 265c

Halal, Kosher

Organoleptic: fruity; green

[W244317-SAMPLE-K](#)[W244317-100G-K](#)

100 g

[W244317-1KG-K](#)

1 kg

[W244317-4KG-K](#)

4 kg

[W244317-20KG-K](#)

20 kg

☒ Ethyl methyl ketone, see 2-Butanone Page 21

Ethylmethylpent

Ethyl 2-methylpentanoate

[39255-32-8] CH₃CH₂CH₂CH(CH₃)CO₂C₂H₅
C₈H₁₆O₂ FW 144.21

Fen. 250

► ≥98%

FEMA 3488 Flavis 9.526 CoE Nr 10616

Organoleptic: pineapple

[W34805-SAMPLE](#)

[W34805-200G](#) 200 g

[W34805-250G](#) 250 g

[W34805-1KG](#) 1 kg

[W34805-4KG](#) 4 kg

Ethyl 2-methyl-4-pentenoate

[53399-81-8] H₂C=CHCH₂CH(CH₃)CO₂C₂H₅
C₈H₁₄O₂ FW 142.20

Fen. 251

► ≥98%

FEMA 3489 Flavis 9.527 CoE Nr 10613

Organoleptic: banana; green

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W348902-SAMPLE](#)

[W348902-100G](#) 100 g

[W348902-1KG](#) 1 kg

[W348902-4KG](#) 4 kg

Ethyl 3-methyl-3-phenylglycidate

[77-83-8] C₁₂H₁₄O₃ FW 206.24
Arc. 1306; Fen. 251

► ≥98%, FCC

FEMA 2444 Flavis 16.015 CoE Nr 6002

Organoleptic: strawberry; sweet

Kosher

[W244406-SAMPLE](#)

[W244406-1KG](#) 1 kg

[W244406-5KG](#) 5 kg

[W244406-10KG](#) 10 kg

2-Ethyl-3-methylpyrazine

[15707-23-0] C₇H₁₀N₂ FW 122.17

► ≥98%, FCC, FG

FEMA 3155 Flavis 14.006 CoE Nr 548

Organoleptic: hazelnut; earthy; potato

Halal, Kosher, NI

Fen. 253

[W315508-SAMPLE](#)

[W315508-100G](#) 100 g

[W315508-1KG](#) 1 kg

[W315508-5KG](#) 5 kg

2-Ethyl-5(6)-methylpyrazine

[36731-41-6] C₇H₁₀N₂ FW 122.17

Fen. 252

► ≥98%

FEMA 3154

Kosher

[W315400-SAMPLE](#)

[W315400-25G](#) 25 g

[W315400-100G](#) 100 g

[W315400-1KG](#) 1 kg

5-Ethyl-2-methylpyridine

5-Ethyl-2-picoline

[104-90-5] C₈H₁₁N FW 121.18

Fen. 253

► ≥96%

FEMA 3546 Flavis 14.066 CoE Nr 11385

NI

[W354600-SAMPLE](#)

[W354600-1KG](#) 1 kg

[W354600-5KG](#) 5 kg

[W354600-10KG](#) 10 kg

2-Ethyl-4-methylthiazole

[15679-12-6] C₆H₉NS FW 127.21

Fen. 254

► ≥98%, FG

FEMA 3680 Flavis 15.033 CoE Nr 11612

Organoleptic: nutty; green

Halal, Kosher, NI

[W368008-SAMPLE](#)

[W368008-25G](#) 25 g

[W368008-100G](#) 100 g

[W368008-1KG](#) 1 kg

Ethyl (methylthio)acetate

(Methylthio)acetic acid ethyl ester; Ethyl α-(methylthio)acetate
[4455-13-4] CH₃SCH₂CO₂C₂H₅ C₅H₁₀O₂S FW 134.20

► ≥98%

FEMA 3835 Flavis 12.122

Natural Occurrence: Apple and melon.

Organoleptic: apricot; sweet; vegetable; coffee; wine-like; alliaceous (onion, garlic); ethereal

[W383503-100G](#) 100 g

[W383503-1KG](#) 1 kg

[W383503-5KG](#) 5 kg

▣ Ethyl α-(methylthio)acetate, see Ethyl (methylthio)acetate
Page 48

Ethyl (methylthio)acetate Page 48

Ethyl 3-(methylthio)propionate

[13327-56-5] CH₃SCH₂CH₂CO₂C₂H₅ C₆H₁₂O₂S

FW 148.22

Fen. 255

► ≥99%, FCC

FEMA 3343 Flavis 12.053 CoE Nr 11476

Kosher

Organoleptic: citrus; pineapple
NI

[W334308-SAMPLE](#)

[W334308-100G](#) 100 g

[W334308-1KG](#) 1 kg

[W334308-5KG](#) 5 kg

▣ Ethyl mustard oil, see Ethyl isothiocyanate Page 47

Ethyl isothiocyanate Page 47

Ethyl myristate

Myristic acid ethyl ester; Ethyl tetradecanoate

[124-06-1] CH₃(CH₂)₁₂COOC₂H₅ C₁₆H₃₂O₂
FW 256.42

Arc. 1310; Fen. 256

► ≥98%, FCC

FEMA 2445 Flavis 9.104 CoE Nr 385

Organoleptic: waxy; soapy

Halal, Kosher, NI

[W244503-SAMPLE](#)

[W244503-1KG](#) 1 kg

[W244503-4KG](#) 4 kg

[W244503-9KG](#) 9 kg

[W244503-20KG](#) 20 kg

▣ Ethyl 2-naphthyl ether, see Nerolin bromelia Page 97

Ethyl nitrite solution

[109-95-5] C₂H₅ONO C₂H₅NO₂ FW 75.07

► 10-20 wt. % in ethanol

Flavis 16.017

[W244601](#)

Ethyl nonanoate

Ethyl pelargonate

[123-29-5] CH₃(CH₂)₇COOC₂H₅ C₁₁H₂₂O₂
FW 186.29

Arc. 1312; Fen. 257

► ≥98%, FCC, FG

FEMA 2447 Flavis 9.107 CoE Nr 388

Organoleptic: oily; fruity; nutty

Halal, Kosher, NI

[W244708-SAMPLE](#)

[W244708-1KG](#) 1 kg

[W244708-9KG](#) 9 kg

[W244708-20KG](#) 20 kg

▣ Ethyl octadecanoate, see Ethyl stearate Page 50

Ethyl octanoate

Ethyl caprylate
 [106-32-1] FEMA 2449 Flavis 9.111
 $\text{CH}_3(\text{CH}_2)_6\text{COOC}_2\text{H}_5$ $\text{C}_{10}\text{H}_{20}\text{O}_2$ FW 172.26
 Arc. 1185; Fen. 259

► ≥98%, FCC, FG

CoE Nr 392

Organoleptic: apricot; floral; pear; pineapple
 Halal, Kosher, NI

[W244902-SAMPLE-K](#)

W244902-1KG-K	1 kg
W244902-4KG-K	4 kg
W244902-8KG-K	8 kg
W244902-9KG-K	9 kg
W244902-20KG-K	20 kg

► natural, ≥98%, FCC

CoE Nr 392c

Kosher

Organoleptic: banana; floral; pear; pineapple; wine-like

[W244910-SAMPLE-K](#)

W244910-100G-K	100 g
W244910-1KG-K	1 kg
W244910-4KG-K	4 kg

4-Ethyoctanoic acid

[16493-80-4] $\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{C}_2\text{H}_5)(\text{CH}_2)_2\text{CO}_2\text{H}$
 $\text{C}_{10}\text{H}_{20}\text{O}_2$ FW 172.26

► ≥98%

FEMA 3800 Flavis 8.079

Kosher

[W380008-SAMPLE-K](#)

W380008-25G-K	25 g
W380008-100G-K	100 g
W380008-1KG-K	1 kg

Ethyl-trans-2-octenoate

trans-2-Octenoic acid ethyl ester
 [7367-82-0] $\text{CH}_3(\text{CH}_2)_4\text{CH}=\text{CHCO}_2\text{C}_2\text{H}_5$ $\text{C}_{10}\text{H}_{18}\text{O}_2$
 FW 170.25

► ≥98%

FEMA 3643 Flavis 9.285 CoE Nr 10617

Organoleptic: fatty; fruity; green
 Halal, Kosher

[W364304-SAMPLE-K](#)

W364304-100G-K	100 g
W364304-1KG-K	1 kg
W364304-5KG-K	5 kg

Ethyl trans-4-octenoate

[78989-37-4] $\text{C}_{10}\text{H}_{18}\text{O}_2$ FW 170.25

► ≥98%

Kosher

NI

contains 0.10% alpha-tocopherol, synthetic as anti-oxidant

[W526304-SAMPLE-K](#)

W526304-100G-K	100 g
W526304-1KG-K	1 kg
W526304-4KG-K	4 kg

2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers

[55031-15-7] $\text{C}_8\text{H}_{12}\text{N}_2$ FW 136.19
 Fen. 228

► ≥95%, FG

FEMA 3149 Flavis 14.1 CoE Nr 2246

Natural occurrence: Burley and Virginia tobacco, cocoa, coffee, cooked beef, peanut, Swiss cheese.
Organoleptic: almond; beef; caramel; cheese; corn; coffee; earthy; woody; tobacco

Halal, Kosher, NI

[W314900-SAMPLE-K](#)

W314900-100G-K	100 g
W314900-250G-K	250 g
W314900-1KG-K	1 kg

Ethyl 3-oxohexanoate

Ethyl butyrylacetate

[3249-68-1] $\text{CH}_3\text{CH}_2\text{CH}_2\text{COCH}_2\text{COOC}_2\text{H}_5$ $\text{C}_8\text{H}_{14}\text{O}_3$
 FW 158.19

Fen. 261

► ≥98%

FEMA 3683 Flavis 9.542

Organoleptic: berry; green; mossy

[W368318-SAMPLE](#)

W368318-100G	100 g
W368318-1KG	1 kg
W368318-5KG	5 kg

☒ Ethyl 4-oxopentanoate, see Ethyl levulinate Page 47
 Ethyl oxyhydrate, see Rum Ether Page 117

Ethyl palmitate

Ethyl hexadecanoate; Palmitic acid ethyl ester

[628-97-7] FEMA 2451 Flavis 9.193 CoE Nr 634
 $\text{CH}_3(\text{CH}_2)_{14}\text{COOC}_2\text{H}_5$ $\text{C}_{18}\text{H}_{36}\text{O}_2$ FW 284.48

Organoleptic: waxy

Arc. 1325

► ≥95%, FG

Halal, Kosher

NI

[W245100-SAMPLE-K](#)

W245100-250G-K	250 g
W245100-1KG-K	1 kg
W245100-5KG-K	5 kg
W245100-10KG-K	10 kg

► natural (US), ≥95%, FG

Kosher

[W245115-1KG-K](#)

[W245115-100G-K](#)

[W245115-SAMPLE-K](#)

☒ Ethyl pelargonate, see Ethyl nonanoate Page 48
 Ethyl pentanoate, see Ethyl valerate Page 51
 Ethyl pentyl carbinol, see 2-Octanol Page 100
 3-Octanol Page 100
 Ethyl pentyl ketone, see 3-Octanone Page 101

4-Ethylphenol

[123-07-9] $\text{C}_6\text{H}_5\text{C}_6\text{H}_4\text{OH}$ $\text{C}_8\text{H}_{10}\text{O}$ FW 122.16
 Arc. 1329; Fen. 262

► ≥98%

FEMA 3156 Flavis 4.022 CoE Nr 550

Organoleptic: alcohol; medicinal

Halal, Kosher, NI

[W315605-SAMPLE-K](#)

W315605-1KG-K	1 kg
W315605-5KG-K	5 kg
W315605-10KG-K	10 kg

Ethyl phenylacetate

[101-97-3] $\text{C}_6\text{H}_5\text{CH}_2\text{COOC}_2\text{H}_5$ $\text{C}_{10}\text{H}_{12}\text{O}_2$
 FW 164.20

Arc. 1332; Fen. 263

► ≥98%, FCC

FEMA 2452 Flavis 9.784 CoE Nr 2156

Natural occurrence: Apple, grapefruit, guava fruit, melon, papaya, pineapple, beer, rum, cider and grape brandy.

Organoleptic: anise; apple; apricot; cherry; chocolate; grapefruit; honey; melon; waxy; pineapple; raspberry; rose; sweet; wine-like

Halal, Kosher, NI

[W245208-SAMPLE-K](#)

W245208-1KG-K	1 kg
W245208-5KG-K	5 kg
W245208-10KG-K	10 kg

Ethyl 3-phenylglycidate

[121-39-1] $\text{C}_{11}\text{H}_{12}\text{O}_3$ FW 192.21

► mixture of cis and trans, ≥92%

FEMA 2454 Flavis 16.018 CoE Nr 11844

Organoleptic: caramel; strawberry

Halal

Arc. 1339; Fen. 264

[W245402-SAMPLE](#)

W245402-100G	100 g
W245402-1KG	1 kg
W245402-5KG	5 kg

☒ Ethyl phenyl ketone, see Propiophenone Page 113

Ethyl 3-phenylpropionate

Ethyl hydrocinnamate

[2021-28-5] $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2\text{COOC}_2\text{H}_5$ $\text{C}_{11}\text{H}_{14}\text{O}_2$
 FW 178.23

Arc. 1340; Fen. 264

► ≥98%

FEMA 2455 Flavis 9.747 CoE Nr 429

Organoleptic: ethereal; fruity; wine-like

[W245518-SAMPLE](#)

W245518-250G	250 g
W245518-1KG	1 kg
W245518-5KG	5 kg

☒ 5-Ethyl-2-picoline, see 5-Ethyl-2-methylpyridine Page 48

Ethylpropionate

Ethyl propionate

[105-37-3] FEMA 2456 Flavis 9.121
 $\text{CH}_3\text{CH}_2\text{COOC}_2\text{H}_5$ $\text{C}_5\text{H}_{10}\text{O}_2$ FW 102.13
 Arc. 1344; Fen. 265

► ≥97%, FCC, FG

CoE Nr 402

Halal, Kosher, NI

Organoleptic: ethereal; fruity; pineapple; sweet; wine-like

[W245607-SAMPLE-K](#)

[W245607-1KG-K](#) 1 kg

[W245607-10KG-K](#) 10 kg

[W245607-20KG-K](#) 20 kg

► natural, ≥97%, FCC, FG

CoE Nr 402c

Halal, Kosher

Organoleptic: fruity; sweet; wine-like; ethereal

[W245615-SAMPLE-K](#)

[W245615-100G-K](#) 100 g

[W245615-1KG-K](#) 1 kg

[W245615-5KG-K](#) 5 kg

☒ Ethyl propyl carbinol, see 3-Hexanol Page 60
 Ethyl propyl ketone, see 3-Hexanone Page 60
 Ethylpyrazine, see 2-Ethylpyrazine Page 50

2-Ethylpyrazine

Ethylpyrazine

[13925-00-3] $\text{C}_6\text{H}_8\text{N}_2$ FW 108.14

Fen. 265

► ≥98%, FG

FEMA 3281 Flavis 14.022 CoE Nr 2213

Organoleptic: butter; musty; woody; nutty
 Halal, Kosher, NI

[W328103-SAMPLE-K](#)

[W328103-100G-K](#) 100 g

[W328103-250G-K](#) 250 g

[W328103-1KG-K](#) 1 kg

[W328103-5KG-K](#) 5 kg



3-Ethylpyridine

[536-78-7] $\text{C}_7\text{H}_9\text{N}$ FW 107.15

Fen. 266

► ≥98%, FG

FEMA 3394 Flavis 14.061 CoE Nr 11386

Natural occurrence: Coffee, cooked chicken, dried bonito, krill, tea and Virginia tobacco.

Organoleptic: caramel; musty; smoky; peanut; tobacco; vegetable; coffee; meaty; earthy
 Halal, Kosher, NI

[W339407-SAMPLE-K](#)

[W339407-100G-K](#) 100 g

[W339407-1KG-K](#) 1 kg

[W339407-5KG-K](#) 5 kg

Ethyl pyruvate

[617-35-6] FEMA 2457 Flavis 9.442

$\text{CH}_3\text{COCOOC}_2\text{H}_5$ $\text{C}_5\text{H}_8\text{O}_3$ FW 116.12

Arc. 1348; Fen. 266

► ≥97%

CoE Nr 430

Organoleptic: green; vegetable; balsamic

Halal, NI

[W245704-SAMPLE](#)

[W245704-250G](#) 250 g

[W245704-1KG](#) 1 kg

[W245704-10KG](#) 10 kg

[W245704-25KG](#) 25 kg

► natural, ≥95%

CoE Nr 430c

Organoleptic: caramel; sweet; vegetable

Halal, Kosher

[W245712-SAMPLE-K](#)

[W245712-100G-K](#) 100 g

[W245712-1KG-K](#) 1 kg

[W245712-5KG-K](#) 5 kg

Ethyl salicylate

Ethyl 2-hydroxybenzoate

[118-61-6] 2-(HO)C₆H₄CO₂C₂H₅ C₉H₁₀O₃

FW 166.17

Arc. 1350; Fen. 267

► ≥99%, FCC

FEMA 2458 Flavis 9.748 CoE Nr 432

Organoleptic: floral; fruity; minty; sweet

Halal, Kosher, NI

[W245801-SAMPLE-K](#)

[W245801-1KG-K](#) 1 kg

[W245801-10KG-K](#) 10 kg

[W245801-25KG-K](#) 25 kg

Ethyl sorbate

Ethyl *trans,trans*-2,4-hexadienoate

[2396-84-1] $\text{CH}_3\text{CH}=\text{CHCH}=\text{CHCOOC}_2\text{H}_5$ $\text{C}_8\text{H}_{12}\text{O}_2$
 FW 140.18

Arc. 1351; Fen. 267

► ≥97%

FEMA 2459 Flavis 9.194 CoE Nr 635

Organoleptic: fruity; ethereal
 Kosher, NI

[W245909-SAMPLE-K](#)

[W245909-100G-K](#) 100 g

[W245909-1KG-K](#) 1 kg

[W245909-5KG-K](#) 5 kg

Ethyl stearate

Ethyl octadecanoate; Stearic acid ethyl ester

[111-61-5] $\text{CH}_3(\text{CH}_2)_{16}\text{COOC}_2\text{H}_5$ $\text{C}_{20}\text{H}_{40}\text{O}_2$
 FW 312.53

Arc. 1352; Fen. 258

► ≥97%

FEMA 3490 Flavis 9.21 CoE Nr 745

Organoleptic: waxy
 NI

[W349003-SAMPLE](#)

[W349003-250G](#) 250 g

[W349003-1KG](#) 1 kg

[W349003-5KG](#) 5 kg

☒ Ethyl sulfide, see Diethyl sulfide Page 35
 Ethyl tetradecanoate, see Ethyl myristate Page 48

Ethyl thioacetate

[625-60-5] $\text{CH}_3\text{COSC}_2\text{H}_5$ $\text{C}_4\text{H}_8\text{OS}$ FW 104.17

Fen. 268

► ≥98%

FEMA 3282 Flavis 12.018 CoE Nr 11665

Organoleptic: coffee; alliaceous (onion, garlic)
 NI

[W328200-SAMPLE](#)

[W328200-25G](#) 25 g

[W328200-100G](#) 100 g

[W328200-1KG](#) 1 kg

☒ 2-Ethylthiophenol, see 2-Ethylbenzenethiol Page 43

Ethyl tiglate

Ethyl *trans*-2-methyl-2-butenoate

[5837-78-5] $\text{CH}_3\text{CH}=\text{C}(\text{CH}_3)\text{CO}_2\text{C}_2\text{H}_5$ $\text{C}_7\text{H}_{12}\text{O}_2$
 FW 128.17

Arc. 1356; Fen. 268

► ≥98%

FEMA 2460 Flavis 9.495 CoE Nr 2185

Organoleptic: caramel; raspberry; fruity
 Halal

[W246018-SAMPLE](#)

[W246018-100G](#) 100 g

[W246018-1KG](#) 1 kg

[W246018-5KG](#) 5 kg

Ethyl undecanoate

Undecanoic acid ethyl ester
[627-90-7] $\text{CH}_3(\text{CH}_2)_9\text{CO}_2\text{C}_2\text{H}_5$ $\text{C}_{13}\text{H}_{26}\text{O}_2$
FW 214.34
Arc. 1359; Fen. 271

► ≥97%
FEMA 3492 Flavis 9.274 CoE Nr 10633
Organoleptic: coconut
NI

[W349208-SAMPLE](#)[W349208-100G](#)

100 g

[W349208-1KG](#)

1 kg

[W349208-4KG](#)

4 kg

Ethyl 10-undecenoate

► ≥97%
FEMA 2461 Flavis 9.237 CoE Nr 2102
Organoleptic: musty; waxy; fatty; fruity
Arc. 1360; Fen. 271

[W246107-SAMPLE](#)[W246107-100G](#)

100 g

[W246107-1KG](#)

1 kg

[W246107-4KG](#)

4 kg

Ethyl valerate

Ethyl pentanoate
[539-82-2] FEMA 2462 Flavis 9.147
 $\text{CH}_3(\text{CH}_2)_3\text{COOC}_2\text{H}_5$ $\text{C}_7\text{H}_{14}\text{O}_2$ FW 130.18
Arc. 1361; Fen. 272

► ≥98%, FG

CoE Nr 465

Organoleptic: apple
Halal, Kosher, NI[W246204-SAMPLE-K](#)[W246204-1KG-K](#)

1 kg

[W246204-9KG-K](#)

9 kg

[W246204-20KG-K](#)

20 kg

► natural (US), ≥98%, FG

Kosher

Organoleptic: apple; fruity[W246215-1KG-K](#)[W246215-100G-K](#)[W246215-SAMPLE-K](#)**Ethyl vanillin**

Ethylvanillin; 3-Ethoxy-4-hydroxybenzaldehyde
[121-32-4] $\text{C}_2\text{H}_5\text{OC}_6\text{H}_3(\text{OH})\text{CHO}$ $\text{C}_9\text{H}_{10}\text{O}_3$
FW 166.17
Arc. 1363; Fen. 272

► ≥98%, FCC

FEMA 2464 Flavis 5.019 CoE Nr 108

Organoleptic: sweet; vanilla
Halal, Kosher[W246409-SAMPLE-K](#)[W246409-1KG-K](#)

1 kg

[W246409-10KG-K](#)

10 kg

[W246409-25KG-K](#)

25 kg

▣ Ethylvanillin, see Ethyl vanillin Page 51
Ethyl vinyl carbinol, see 1-Penten-3-ol Page 105

Ethyl vinyl ketone

1-Penten-3-one
[1629-58-9] $\text{C}_2\text{H}_5\text{COCH}=\text{CH}_2$ $\text{C}_5\text{H}_8\text{O}$ FW 84.12
Fen. 641

► ≥95%, FG
FEMA 3382 Flavis 7.102 CoE Nr 11179
Organoleptic: vegetable

Halal, Kosher, NI
contains BHT as stabilizer

[W338206-SAMPLE-K](#)[W338206-25G-K](#)

25 g

[W338206-80G-K](#)

80 g

[W338206-1KG-K](#)

1 kg

Eucalyptus oil, radiata

NEW

[92201-64-4]

► Certified organic (NOP/EU)

Kosher

[W530089-SAMPLE-K](#)[W530089-1KG-K](#)

1 kg

▣ Eugenia spp., see Clove bud oil Page 30

Eugenol

2-Methoxy-4-(2-propenyl)phenol; 4-Allyl-2-methoxyphenol; 4-Allylguaiacol
[97-53-0] FEMA 2467 Flavis 4.003 CoE Nr 171
 $4-(\text{H}_2\text{C}=\text{CHCH}_2)\text{C}_6\text{H}_3\text{-}2-(\text{OCH}_3)\text{OH}$ $\text{C}_{10}\text{H}_{12}\text{O}_2$
FW 164.20

Organoleptic: cinnamon; clove; spicy
Arc. 1369; Fen. 274

► ≥98%, FCC, FG

Halal, Kosher, NI

[W246700-SAMPLE-K](#)[W246700-1KG-K](#)

1 kg

[W246700-5KG-K](#)

5 kg

[W246700-10KG-K](#)

10 kg

► natural, ≥98%

Kosher

[W246719-SAMPLE-K](#)[W246719-1KG-K](#)

1 kg

[W246719-5KG-K](#)

5 kg

[W246719-10KG-K](#)

10 kg

▣ Eugenol methyl ether, see Methyl eugenol Page 86

Eugenyl acetate[93-28-7] $\text{C}_{12}\text{H}_{14}\text{O}_3$ FW 206.24

► ≥98%, FCC

FEMA 2469 Flavis 9.02 CoE Nr 210

Organoleptic: balsam; clove; fruity; sweet
Kosher

NI

Arc. 14; Fen. 274

[W246905-SAMPLE-K](#)[W246905-1KG-K](#)

1 kg

[W246905-5KG-K](#)

5 kg

[W246905-10KG-K](#)

10 kg

▣ Eugenyl methyl ether, see Methyl eugenol Page 86
Methyl eugenol Page 86**Evening primrose oil**

[90028-66-3]

► Certified organic (NOP/EU)

from (*Oenothera biennis*)

Kosher

China origin

[W530165-SAMPLE-K](#)[W530165-5KG-K](#)

5 kg

Farnesalmixture

Farnesal, mixture of isomers

3,7,11-Trimethyl-2,6,10-dodecatrienal
[19317-11-4] C₁₅H₂₄O FW 220.35

► ≥85%

Flavis 5.148

[W401900-SAMPLE](#)

[W401900-25G](#) 25 g

[W401900-100G](#) 100 g

[W401900-1KG](#) 1 kg

Farnesene, mixture of isomers

C₁₅H₂₄ FW 204.35

FEMA 3839 Flavis 1.04

Natural occurrence: Apple, orange, grapefruit juice, mandarin and lime peel, grape, pear, ginger, nutmeg and basil.

Organoleptic: apple; lavender; lime; herbaceous; woody; green

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W383902-SAMPLE-K](#)

[W383902-100G-K](#) 100 g

[W383902-1KG-K](#) 1 kg

[W383902-4KG-K](#) 4 kg

Farnesol

3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol
[4602-84-0] (CH₃)₂C=CHCH₂CH₂C(CH₃)=CHCH₂CH₂C(CH₃)=CHCH₂OH C₁₅H₂₆O FW 222.37
Arc. 1380; Fen. 277

► mixture of isomers, ≥95%

FEMA 2478 Flavis 2.029 CoE Nr 78

Natural occurrence: Apricot, orange peel and oil, grapefruit juice, cloves, ginger thyme beef, whiskey basil, papaya, anise seed and balsam of Peru.

Organoleptic: anise; apricot; balsam; clove; grapefruit; oily; orange; floral; peach; pear

Halal, Kosher, NI

[W247804-SAMPLE-K](#)

[W247804-100G-K](#) 100 g

[W247804-250G-K](#) 250 g

[W247804-1KG-K](#) 1 kg

- ▣ Fat Ponceau G, see Sudan III Page 120
- Fat Ponceau R or 4, see Sudan IV Page 120
- Fat Soluble Sudan, see Sudan III Page 120
- Fenchol, see Fenchyl alcohol Page 52
- (-)Fenchone, see L-Fenchone Page 52

L-Fenchone

(-)1,3,3-Trimethyl-2-norbornanone; (1R)-1,3,3-Tri-methylbicyclo[2.2.1]heptan-2-one; (1R)-(-)-Fenchone; (-)-Fenchone

[7787-20-4] C₁₀H₁₆O FW 152.23

Arc. 1385

► ≥98%

Organoleptic: sweet; vanilla

Kosher

[W507709-SAMPLE-K](#)

[W507709-100G-K](#) 100 g

[W507709-1KG-K](#) 1 kg

[W507709-5KG-K](#) 5 kg

- ▣ (1R)-(-)-Fenchone, see L-Fenchone Page 52

Fenchyl acetate, mixture of α- and β-

1,3,3-Trimethyl-2-norbornanyl acetate
[13851-11-1] C₁₂H₂₀O₂ FW 196.29
Arc. 1386; Fen. 279

► ≥96%

FEMA 3390 Flavis 9.269 CoE Nr 11769

Organoleptic: sweet

NI

[W339008-SAMPLE](#)

[W339008-1KG](#) 1 kg

[W339008-5KG](#) 5 kg

[W339008-10KG](#) 10 kg

Fenchyl alcohol

NEW

Fenchol
[1632-73-1] C₁₀H₁₆O FW 154.25
Arc. 1387; Fen. 278

► ≥96%

FEMA 2480

[W248010-SAMPLE-K](#)

[W248010-1KG-K](#) 1 kg

[W248010-5KG-K](#) 5 kg

[W248010-10KG-K](#) 10 kg

Fennel oil

[8006-84-6]

Fen. 123

► FCC

FEMA 2482

from *Foeniculum vulgare* Mill. var. *dulce* DC.

Organoleptic: anise; sweet; spicy

Kosher

Spain origin

[W248207-SAMPLE-K](#)

[W248207-250G-K](#) 250 g

[W248207-1KG-K](#) 1 kg

[W248207-5KG-K](#) 5 kg

Fenugreek absolute

[84625-40-1]

► natural

FEMA 2486

from *Trigonella foenum-graecum* L.

Organoleptic: herbaceous; sweet

Kosher

France origin

[W248606-SAMPLE-K](#)

[W248606-100G-K](#) 100 g

[W248606-1KG-K](#) 1 kg

Ferulic acid

trans-4-Hydroxy-3-methoxycinnamic acid

[537-98-4] HOCH₂CH(OCH₃)CH=CHCO₂H C₁₀H₁₀O₄ FW 194.18

► ≥99%

[W518301-SAMPLE](#)

[W518301-100G](#) 100 g

[W518301-1KG](#) 1 kg

[W518301-5KG](#) 5 kg

- ▣ Fir balsam, see Balsam fir absolute Page 16

Fir needle oil, Canadian

[8021-28-1]

from *Abies balsamea*

Kosher

Canada origin

[W523518-SAMPLE-K](#)

[W523518-1KG-K](#) 1 kg

[W523518-5KG-K](#) 5 kg

Fir needle oil, Siberian

[8021-29-2]

from *Abies sibirica* Ledeb.

Kosher

Russia origin

[W519901-SAMPLE-K](#)

[W519901-1KG-K](#) 1 kg

[W519901-5KG-K](#) 5 kg

[W519901-9KG-K](#) 9 kg

- ▣ Fir oil, see L-Turpentine Page 127

Flavors and Fragrances Kit No. 1, Esters

Components

- Allyl tiglate (Aldrich W204307) 5-10 g
- Ethyl butyrate (Aldrich W242705) 5-10 g
- Ethyl heptanoate (Aldrich W243701) 5-10 g
- Ethyl hexanoate (Aldrich W243906) 5-10 g
- Ethyl octanoate (Aldrich W244902) 5-10 g
- Ethyl propionate (Aldrich W245607) 5-10 g
- Ethyl valerate (Aldrich W246204) 5-10 g
- Furfuryl butyrate (Aldrich W501700) 5-10 g
- Furfuryl heptanoate (Aldrich W503304) 5-10 g
- Furfuryl pentanoate (Aldrich W339709) 5-10 g
- Furfuryl propionate (Aldrich W334618) 5-10 g
- Hexyl butyrate (Aldrich W256803) 5-10 g
- Hexyl tiglate (Aldrich W500909) 5-10 g
- Isopropyl butyrate (Aldrich W293504) 5-10 g
- Isopropyl tiglate (Aldrich W322903) 5-10 g
- Methyl butyrate (Aldrich W269301) 5-10 g
- Propyl butyrate (Aldrich W293407) 5-10 g
- Benzyl butyrate (Aldrich W214000) 5-10 g
- Allyl butyrate (Aldrich W202118) 5-10 g

[W600008](#)

Flavors and Fragrances Kit No. 2, Heterocycles

Components

- 2-Acetylpyrazine (Aldrich W312606) 5-10 g
- 2-Acetylpyridine (Aldrich W325104) 5-10 g
- 2-Acetylthiazole (Aldrich W332801) 5-10 g
- 2-Acetylthiophene (Aldrich W503509) 5-10 g
- 2,3-Diethylpyrazine (Aldrich W313602) 5-10 g
- 2,3-Dimethylpyrazine (Aldrich W327107) 5-10 g
- 2,5-Dimethylpyrazine (Aldrich W327204) 5-10 g
- 2,6-Dimethylpyrazine (Aldrich W327301) 5-10 g
- 4,5-Dimethylthiazole (Aldrich W327409) 5-10 g
- 2-Ethoxythiazole (Aldrich W334006) 5-10 g
- 2-Ethyl-3-methylpyrazine (Aldrich W315508) 5-10 g
- 2-Ethylpyrazine (Aldrich W328103) 5-10 g
- 2-Furyl methyl ketone (Aldrich W316318) 5-10 g
- 2-Isobutyl-3-methoxyprazine (Aldrich W313203) 5-10 g
- 2-Isobutylthiazole (Aldrich W313408) 5-10 g
- 2-Methoxy-3-methylpyrazine (Aldrich W318302) 5-10 g
- 2-Methoxypyrazine (Aldrich W330205) 5-10 g
- 2-Methylpyrazine (Aldrich W330906) 5-10 g
- Methyl 2-pyrrolyl ketone (Aldrich W320218) 5-10 g
- 4-Methylthiazole (Aldrich W371602) 5-10 g
- 2,3,5,6-Tetramethylpyrazine (Aldrich W323705) 5-10 g
- Thiazole (Aldrich W361518) 5-10 g
- 2,3,5-Trimethylpyrazine (Aldrich W324418) 5-10 g
- 2,4,5-Trimethylthiazole (Aldrich W332518) 5-10 g

[W600024-1KT](#)

1 kit

Flavors and Fragrances Kit No. 3, Beverage Study**Components**

3-Ethylpyridine (Aldrich W339407) 5-10 g
 Isoamyl acetate (Aldrich W205508) 5-10 g
trans-2-Nonenal (Aldrich W321303) 5-10 g
 Hexanoic acid (Aldrich W255904) 5-10 g
 Acetic acid (Aldrich W200611) 5-10 g
 Eugenol (Aldrich W246700) 5-10 g
 Phenol (Aldrich W322318) 5-10 g
 Isovaleric acid (Aldrich W310204) 5-10 g
 Lactic acid (Aldrich W261106) 5-10 g
 Octanoic acid (Aldrich W279900) 5-10 g
 Heptyl acetate (Aldrich W254703) 5-10 g
 Isoamyl hexanoate, mixture of isomers (Aldrich W207500) 5-10 g
m-Cresol (Aldrich W353000) 5-10 g
 Furfuryl mercaptan (Aldrich W249300) 5-10 g
 4-Ethylguaiacol (Aldrich W243604) 5-10 g
 Methyl cyclopentenolone (Aldrich W270008) 5-10 g
 2,6-Dimethoxyphenol (Aldrich W313718) 5-10 g
 Benzaldehyde (Aldrich W212709) 5-10 g
 Butyric acid (Aldrich W222100) 5-10 g
 Ethyl hexanoate (Aldrich W243906) 5-10 g
 2,3-Pentanedione (Aldrich W284106) 5-10 g
 Acetoin (Aldrich W200808) 5-10 g

W600016-1KT

1 kit

Flax seed oil

NEW

Linseed oil
 [8001-26-1]

► Certified organic (NOP/EU)

from (*Linum usitatissimum*)
 Kosher
 China origin

W530238-SAMPLE-K

W530238-5KG-K

5 kg

Foeniculum vulgare Mill., see Fennel oil Page 52
 Formaldehyde dimethyl mercaptal, see Bis(methylthio)methane Page 19

Formic acid[64-18-6] HCOOH CH₂O₂ FW 46.03**► FCC, FG**

FEMA 2487 Flavis 8.001 CoE Nr 1
 Halal, Kosher, NI
 Arc. 1410; Fen. 280

W248703-SAMPLE-K

W248703-1KG-K

1 kg

W248703-5KG-K

5 kg

W248703-10KG-K

10 kg

W248703-25KG-K

25 kg

Formic acid butyl ester, see Butyl formate Page 22
 Formic acid ethyl ester, see Ethyl formate Page 45
 Formic acid methyl ester, see Methyl formate Page 86
 4-Formyl-2-methoxyphenyl acetate, see Vanillin acetate Page 129
 Framidice 3, see *N*-Ethyl-2-isopropyl-5-methylcyclohexane-carboxamide Page 47
 Frankincense, see Frankincense oil Page 102
 Olibanum oil Page 102

Frankincense oil

NEW

Olibanum oil; Frankincense; *Boswellia carterii*
 [8016-36-2]

► Certified organic (NOP/EU)

FEMA 2816
 Kosher

W281623-SAMPLE-K

W281623-1KG-K

1 kg

Fumaric acid

[110-17-8] HOOCCH=CHCOOH C₄H₄O₄
 FW 116.07

Arc. 1411; Fen. 282

► ≥99%, FCC

FEMA 2488 Flavis 8.025 CoE Nr 25

Organoleptic: sour

Kosher, NI

W248800-SAMPLE-K

W248800-1KG-K

1 kg

W248800-10KG-K

10 kg

W248800-25KG-K

25 kg

2-Furaldehyde, see Furfural Page 53
 3-Furaldehyde, see 3-Furancarboxaldehyde Page 53
 Furran-2-carboxaldehyde, see Furfural Page 53

3-Furancarboxaldehyde

3-Furaldehyde

[498-60-2] C₅H₄O₂ FW 96.08**► ≥97%**

W501603-SAMPLE

W501603-25G

25 g

W501603-100G

100 g

W501603-1KG

1 kg

Furaneol, see 4-Hydroxy-2,5-dimethyl-3(2H)-furanone Page 65
 2-Furanmethanethiol, see Furfuryl mercaptan Page 54

2-Furanmethanethiol formate[59020-90-5] C₆H₆O₂S FW 142.18

Fen. 282

► ≥97%

FEMA 3158 Flavis 13.051 CoE Nr 4112

Natural Occurrence: Cooked chicken.*Organoleptic:* butterscotch; horseradish; tropical; coffee; wine-like; ethereal

Halal, Kosher

W315818-SAMPLE-K

W315818-25G-K

25 g

W315818-100G-K

100 g

W315818-1KG-K

1 kg

Furfural

2-Furaldehyde; Furan-2-carboxaldehyde

[98-01-1] FEMA 2489 Flavis 13.018 C₅H₄O₂

FW 96.08

Arc. 1413; Fen. 283

► ≥98%, FCC

CoE Nr 2014

Organoleptic: almond; woody; sweet

Kosher, NI

W248908-SAMPLE-K

W248908-1KG-K

1 kg

W248908-5KG-K

5 kg

W248908-10KG-K

10 kg

W248908-25KG-K

25 kg

► natural, ≥98%, FCC

Kosher

Organoleptic: almond; sweet; woody

W248924-SAMPLE-K

W248924-1KG-K

1 kg

W248924-5KG-K

5 kg

W248924-10KG-K

10 kg

Furfuryl acetate

[623-17-6] FEMA 2490 Flavis 13.128 C₇H₈O₃
 FW 140.14

Arc. 1415; Fen. 284

► ≥98%, FG

CoE Nr 2065

Organoleptic: banana

Halal, Kosher, NI

W249009-SAMPLE-K

W249009-1KG-K

1 kg

W249009-5KG-K

5 kg

W249009-10KG-K

10 kg

► natural, ≥98%

CoE Nr 2065c

Organoleptic: banana; fruity

Kosher

W249017-SAMPLE-K

W249017-100G-K

100 g

W249017-1KG-K

1 kg

W249017-5KG-K

5 kg

Furfuryl alcohol

2-(Hydroxymethyl)furan

[98-00-0] C₅H₆O₂ FW 98.10

Arc. 1416; Fen. 284

► ≥98%

FEMA 2491 Flavis 13.019 CoE Nr 2023

Halal, Kosher, NI

W249106-SAMPLE-K

W249106-1KG-K

1 kg

W249106-5KG-K

5 kg

W249106-10KG-K

10 kg

W249106-25KG-K

25 kg

Furfuryl butyrate[623-21-2] C₉H₁₂O₃ FW 168.19**► ≥99%**

Flavis 13.13 CoE Nr 638

Organoleptic: grape

Kosher, NI

W501700-SAMPLE-K

W501700-100G-K

100 g

W501700-1KG-K

1 kg

W501700-5KG-K

5 kg

Furfuryl isopropyl sulfide[1883-78-9] C₈H₁₂OS FW 156.25

Fen. 286

► ≥98%

FEMA 3161 Flavis 13.032 CoE Nr 2248

Organoleptic: meaty; coffee; alliaceous (onion, garlic)

W316105-SAMPLE

W316105-25G

25 g

W316105-100G

100 g

W316105-1KG

1 kg

Furfurylmercapt

Furfuryl mercaptan

2-Furanmethanethiol; 2-Furylmethanethiol
[98-02-2] C₆H₆OS FW 114.17
Arc. 1417; Fen. 287
 ▶ ≥97%, FG
FEMA 2493 Flavis 13.026 CoE Nr 2202
Natural occurrence: Coffee, cooked beef, roasted pork, roasted chicken, and popcorn.
 Darkens on storage
Organoleptic: caramel; chocolate; oily; nutty; smoky; herbaceous; sulfurous; coffee; alliaceous (onion, garlic); fishy; waxy; meaty
 Halal, Kosher, NI

[W249300-SAMPLE-K](#)[W249300-1KG-K](#)[W249300-2.5KG-K](#)1 kg
2.5 kg**Furfuryl 3-methylbutanoate**

[13678-60-9] C₁₀H₁₄O₃ FW 182.22
Fen. 286
 ▶ ≥98%
FEMA 3283 Flavis 13.057 CoE Nr 10642
Organoleptic: berry
 Kosher, NI
[W328308-SAMPLE-K](#)
[W328308-100G-K](#) 100 g
[W328308-1KG-K](#) 1 kg
[W328308-5KG-K](#) 5 kg

☒ Furfuryl methyl disulfide, see Methyl furfuryl disulfide
Page 86

Furfuryl methyl sulfide

[1438-91-1] C₆H₈OS FW 128.19
Fen. 288
 ▶ ≥97%
FEMA 3160 Flavis 13.053 CoE Nr 11482
Organoleptic: coffee
 Kosher
 NI
[W316008-SAMPLE-K](#)
[W316008-25G-K](#) 25 g
[W316008-100G-K](#) 100 g
[W316008-1KG-K](#) 1 kg

Furfuryl pentanoate

2-Furyl pentanoate; Furfuryl valerate
[36701-01-6] C₁₀H₁₄O₃ FW 182.22
Fen. 289
 ▶ ≥97%
FEMA 3397 Flavis 13.068 CoE Nr 10647
Organoleptic: musty; fruity
 NI
[W339709-SAMPLE](#)
[W339709-100G](#) 100 g
[W339709-1KG](#) 1 kg
[W339709-5KG](#) 5 kg

☒ 2-Furyl pentanoate, see Furfuryl pentanoate Page 54

Furfuryl propionate

[623-19-8] C₈H₁₀O₃ FW 154.16
Fen. 289
 ▶ ≥98%, FG
FEMA 3346 Flavis 13.062 CoE Nr 10646
Organoleptic: floral; spicy
 Halal, Kosher, NI
[W334618-SAMPLE-K](#)
[W334618-100G-K](#) 100 g
[W334618-1KG-K](#) 1 kg
[W334618-5KG-K](#) 5 kg

1-Furfurylpyrrole

[1438-94-4] C₉H₉NO FW 147.17
Fen. 290
 ▶ ≥98%
FEMA 3284 Flavis 13.134 CoE Nr 2317
Organoleptic: vegetable; earthy; green
 Kosher
 NI
[W328405-SAMPLE-K](#)
[W328405-25G-K](#) 25 g
[W328405-100G-K](#) 100 g
[W328405-1KG-K](#) 1 kg

☒ Furfuryl sulfide, see 2,2'-(Thiodimethylene)difuran
Page 123

Furfuryl thioacetate

S-Furfuryl thioacetate
[13678-68-7] C₇H₈O₂S FW 156.20
 ▶ ≥98%
FEMA 3162 Flavis 13.033 CoE Nr 2250
 Kosher, NI
 Fen. 290
[W316202-SAMPLE-K](#)
[W316202-25G-K](#) 25 g
[W316202-100G-K](#) 100 g
[W316202-1KG-K](#) 1 kg

☒ S-Furfuryl thioacetate, see Furfuryl thioacetate Page 54

Furfuryl thiopropionate

[59020-85-8] C₈H₁₀O₂S FW 170.23
Fen. 291
 ▶ ≥98%
FEMA 3347 Flavis 13.063 CoE Nr 11484
Organoleptic: coffee; alliaceous (onion, garlic)
 Kosher
[W334707-SAMPLE-K](#)
[W334707-25G-K](#) 25 g
[W334707-100G-K](#) 100 g
[W334707-1KG-K](#) 1 kg

☒ Furfuryl valerate, see Furfuryl pentanoate Page 54
Furfuryl pentanoate Page 54

3-(2-Furyl)acrolein

[623-30-3] C₇H₆O₂ FW 122.12
Arc. 1421
 ▶ ≥99%
FEMA 2494 Flavis 13.034 CoE Nr 2252
Organoleptic: woody; spicy; nutty
 Kosher, NI
 Fen. 291
[W249408-SAMPLE-K](#)
[W249408-100G-K](#) 100 g
[W249408-1KG-K](#) 1 kg
[W249408-5KG-K](#) 5 kg

☒ 2-Furylmethanethiol, see Furfuryl mercaptan Page 54

2-Furyl methyl ketone

2-Acetyl furan
[1192-62-7] FEMA 3163 Flavis 13.054 C₆H₆O₂ FW 110.11
Arc. 39; Fen. 13
 ▶ ≥99%, FG
CoE Nr 4113
Natural occurrence: Burley tobacco, chestnuts, cocoa, coffee, cooked beef and pork, raisins, roasted almonds and peanuts, tamarind, tea, yogurt and wheat bread.
Organoleptic: almond; beef; caramel; musty; coffee; potato; tobacco
 Halal, Kosher, NI

[W316318-SAMPLE-K](#)

W316318-1KG-K	1 kg
W316318-5KG-K	5 kg
W316318-10KG-K	10 kg

▶ natural (US), ≥97%, FG

Kosher
Organoleptic: cocoa; sweet; coffee

[W316315-100G-K](#)[W316315-500G-K](#)[W316315-SAMPLE-K](#)**Galbanum oil**

[8023-91-4]
FEMA 2501
from synthetic

[W250104-SAMPLE](#)

W250104-100G	100 g
W250104-1KG	1 kg
W250104-5KG	5 kg

☒ Gallo-tannin, see Tannic acid Page 121
Garlic oil, see Garlic oil blend Page 54

Garlic oil blend

Garlic oil
[8000-78-0]

▶ artificial

30-50 wt. % Diallyl disulfide (FEMA #2028)
10-13 wt. % Diallyl trisulfide (FEMA #3265)
5-13 wt. % Allyl disulfide (FEMA #2042)
 Kosher

[W530316-SAMPLE-K](#)

W530316-1KG-K	1 kg
W530316-5KG-K	5 kg
W530316-10KG-K	10 kg

Garlic oil, Chinese

► FCC

FEMA 2503
from *Allium sativum* L.
Kosher
China origin

W250309-SAMPLE-K

W250309-1KG-K

1 kg

W250309-5KG-K

5 kg

W250309-10KG-K

10 kg

☒ GBL, see 4-Hydroxybutanoic acid lactone Page 65

Genet absolute

[8023-80-1]

► natural

FEMA 2504

from *Spartium junceum* L.

Organoleptic: apple; berry; cranberry; honey; citrus; floral; raspberry; rose; minty; green; spicy

Kosher

France origin

W250406-SAMPLE-K

W250406-25G-K

25 g

W250406-100G-K

100 g

Genet extract

NEW

[90131-21-8]

► natural, FG

FEMA 2505

from *Spartium junceum* L.

Organoleptic: sweet; honey

W250500-SAMPLE

W250500-10G

10 g

☒ Geranial and neral mixture, see Citral Page 28

Geranic acid

3,7-Dimethyl-2,6-octadienoic acid

[459-80-3] $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCO}_2\text{H}$
 $\text{C}_{10}\text{H}_{16}\text{O}_2$ FW 168.23

► 85%

FEMA 4121 Flavis 8.081

Possible uses: orange, tea, mint, ripe fruit and melon notes.¹

Natural occurrence: tea, tomato, wine.¹

Kosher, NI

Organoleptic: lemon; rose; woody; wine-like
contains 0.10% alpha-tocopherol, synthetic as anti-oxidant

Lit. cited: 1. Mosciano, Gerard, *Perfum. Flavor.* 8, 33, 66 (2008)

W412101-SAMPLE-K

W412101-100G-K

100 g

W412101-1KG-K

1 kg

Geraniol

trans-3,7-Dimethyl-2,6-octadien-1-ol
[106-24-1] FEMA 2507 Flavis 2.012 $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2\text{OH}$ $\text{C}_{10}\text{H}_{18}\text{O}$ FW 154.25
Arc. 1426; Fen. 294

► ≥97%, FCC, FG

Organoleptic: apple; apricot; berry; rose; sweet
Halal, Kosher, NI

W250708-SAMPLE-K

W250708-1KG-K

1 kg

W250708-9KG-K

9 kg

W250708-20KG-K

20 kg

► natural, ≥97%

CoE Nr 60

Kosher

Organoleptic: fruity; rose; sweet

β -citronellol <30%

W250716-SAMPLE-K

W250716-1KG-K

1 kg

W250716-4KG-K

4 kg

W250716-9KG-K

9 kg

Geranium absolute

NEW

Geranium oil

[8000-46-2]

► natural

from *Pelargonium graveolens*

Kosher

W530376-SAMPLE-K

W530376-100G-K

100 g

W530376-1KG-K

1 kg

Geranium extract

NEW

[8000-46-2]

► natural, FG

from *Pelargonium graveolens*

Kosher

Organoleptic: floral

W530382-SAMPLE-K

W530382-25G-K

25 g

W530382-100G-K

100 g

☒ Geranium oil, see Geranium absolute Page 55
Geranium oil, Chinese Page 55

Geranium oil, Chinese

Geranium oil

[8000-46-2]

► natural

FEMA 2508

from *Pelargonium graveolens*

Kosher

China origin

W250813-SAMPLE-K

W250813-1KG-K

1 kg

W250813-4KG-K

4 kg

☒ Geranium oil, east-Indian, see Palmarosa oil Page 104

Geranyl acetate

trans-3,7-Dimethyl-2,6-octadienyl acetate; *trans*-3,7-Dimethyl-2,6-octadien-1-yl acetate
[105-87-3] FEMA 2509 Flavis 9.011 CoE Nr 201 $\text{CH}_3\text{CO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{12}\text{H}_{20}\text{O}_2$ FW 196.29
Arc. 1430; Fen. 295

► FCC, FG

Organoleptic: fruity; floral; rose; sweet
Halal, Kosher, NI

W250902-SAMPLE-K

W250902-1KG-K

1 kg

W250902-5KG-K

5 kg

W250902-10KG-K

10 kg

► natural, FCC

Organoleptic: lavender; fruity; rose; sweet
Kosher

W250910-SAMPLE-K

W250910-100G-K

100 g

W250910-1KG-K

1 kg

W250910-5KG-K

5 kg

☒ Geranylacetone, see 6,10-Dimethyl-5,9-undecadien-2-one
Page 40

Geranyl butyrate

[106-29-6] FEMA 2512 Flavis 9.048 $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{14}\text{H}_{24}\text{O}_2$ FW 224.34
Arc. 1436; Fen. 296

► FCC

CoE Nr 274

Organoleptic: apple; rose; sweet

Kosher, NI

citronellyl and neryl butyrates <35%

W251208-SAMPLE-K

W251208-1KG-K

1 kg

W251208-4KG-K

4 kg

W251208-9KG-K

9 kg

► natural

CoE Nr 274c

Organoleptic: apple; apricot; fruity; sweet

Kosher

W251216-SAMPLE-K

W251216-100G-K

100 g

W251216-1KG-K

1 kg

W251216-4KG-K

4 kg

Geranyl formate

[105-86-2] $\text{C}_{11}\text{H}_{18}\text{O}_2$ FW 182.26
Arc. 1446; Fen. 296

► FCC

FEMA 2514 Flavis 9.076 CoE Nr 343

Organoleptic: green; fruity; rose; sweet

Kosher

NI

W251402-SAMPLE-K

W251402-1KG-K

1 kg

W251402-5KG-K

5 kg

W251402-10KG-K

10 kg

Geranylisovaler

Geranyl isovalerate

[109-20-6] $(\text{CH}_3)_2\text{CHCH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{O}_2$ FW 238.37
Arc. 1461; Fen. 298

► ≥95%, FG

FEMA 2518 Flavis 9.453 CoE Nr 448
Organoleptic: apple; berry; melon; fruity; rose; herbaceous; vegetable
Halal, Kosher, NI
contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W251801-SAMPLE-K](#)

[W251801-1KG-K](#) 1 kg

[W251801-4KG-K](#) 4 kg

[W251801-9KG-K](#) 9 kg

Geranyl phenylacetate

[102-22-7] $\text{C}_6\text{H}_5\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ FW 272.38
Arc. 1454

► FCC

FEMA 2516 Flavis 9.704 CoE Nr 231
Organoleptic: honey; rose
Halal, Kosher
Fen. 299
citronellyl phenylacetate 25%

[W251607-SAMPLE-K](#)

[W251607-100G-K](#) 100 g

[W251607-1KG-K](#) 1 kg

[W251607-5KG-K](#) 5 kg

Geranyl propionate

[105-90-8] FEMA 2517 Flavis 9.128
 $\text{C}_2\text{H}_5\text{CO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ FW 210.31

Organoleptic: fruity; rose; sweet
Arc. 1456; Fen. 299

► FCC

CoE Nr 409
Halal, Kosher
[W251704-SAMPLE-K](#)
[W251704-1KG-K](#) 1 kg
[W251704-5KG-K](#) 5 kg
[W251704-10KG-K](#) 10 kg

► natural

CoE Nr 409c
Kosher
[W251712-SAMPLE-K](#)
[W251712-25G-K](#) 25 g
[W251712-100G-K](#) 100 g
[W251712-1KG-K](#) 1 kg

German chamomile, see Chamomile absolute Page 27
Chamomile oil, blue Page 27
Chamomile oil, German Page 27

Ginger extract

NEW

[84696-15-1]

► natural

FEMA 2521
from *Zingiber officinale* Roscoe

[W252108-SAMPLE](#)

[W252108-250G](#) 250 g

[W252108-1KG](#) 1 kg

Ginger oil

[8007-08-7]

Fen. 138

► natural, FCC, FG,

FEMA 2522
from (*Zinziber officionale roscoae*)
Organoleptic: lemon; herbaceous; citrus; woody; spicy
Halal, Kosher
China origin

[W252204-SAMPLE-K](#)

[W252204-250G-K](#) 250 g

[W252204-1KG-K](#) 1 kg

[W252204-4KG-K](#) 4 kg

[W252204-5KG-K](#) 5 kg

[W252204-10KG-K](#) 10 kg

Glu, see L-Glutamic acid Page 56
D-Glucitol, see D-Sorbitol Page 119

L-Glutamic acid

Glu; (S)-2-Aminopentanedioic acid

[56-86-0] $\text{HO}_2\text{CCH}_2\text{CH}_2\text{CH}(\text{NH}_2)\text{CO}_2\text{H}$ $\text{C}_5\text{H}_9\text{NO}_4$
FW 147.13

Arc. 1466; Fen. 301

► ≥98.5%, FCC

FEMA 3285
Kosher, NI

[W328502-SAMPLE-K](#)

[W328502-1KG-K](#) 1 kg

[W328502-5KG-K](#) 5 kg

[W328502-10KG-K](#) 10 kg

[W328502-25KG-K](#) 25 kg

L-Glutamic acid 5-amide, see L-Glutamine Page 56

L-Glutamine

(S)-2,5-Diamino-5-oxopentanoic acid; L-Glutamic acid 5-amide

[56-85-9] $\text{H}_2\text{NCOCH}_2\text{CH}_2\text{CH}(\text{NH}_2)\text{CO}_2\text{H}$ $\text{C}_5\text{H}_{10}\text{N}_2\text{O}_3$
FW 146.14

FEMA 3684 Flavis 17.007

[W368401-1KG](#) 1 kg

Glutaric dialdehyde solution

Flavis 5.149

Kosher

[W512303-SAMPLE-K](#)

[W512303-1KG-K](#) 1 kg

[W512303-10KG-K](#) 10 kg

[W512303-25KG-K](#) 25 kg

Glycerin, see Glycerol Page 56

Glycerol

1,2,3-Propanetriol; Glycerin

[56-81-5] $\text{HOCH}_2\text{CH}(\text{OH})\text{CH}_2\text{OH}$ $\text{C}_3\text{H}_8\text{O}_3$ FW 92.09

► >99%, FCC

FEMA 2525

Kosher, NI

Arc. 1467

[W252506-SAMPLE-K](#)

[W252506-1KG-K](#) 1 kg

[W252506-10KG-K](#) 10 kg

[W252506-25KG-K](#) 25 kg

Glycerol diacetate, see Diacetin Page 34
Glycerol triacetate, see Triacetin Page 125

Glyceryl tribenzoate

Tribenzoin

[614-33-5] $\text{C}_6\text{H}_5\text{CO}_2\text{CH}(\text{CH}_2\text{O}_2\text{CC}_6\text{H}_5)_2$ $\text{C}_{24}\text{H}_{20}\text{O}_6$
FW 404.41

Fen. 306

► 95%

FEMA 3398 Flavis 9.812

[W339806](#)

Glyceryl tripropionate, see Tripropionin Page 126

Glycine

Aminoethanoic acid; Aminoacetic acid; Glycocol

[56-40-6] $\text{NH}_2\text{CH}_2\text{COOH}$ $\text{C}_2\text{H}_5\text{NO}_2$ FW 75.07
Fen. 307

► ≥98.5%, FCC

FEMA 3287 Flavis 17.034 CoE Nr 4118

Organoleptic: sweet

NI

[W328707-SAMPLE](#)

[W328707-1KG](#) 1 kg

[W328707-10KG](#) 10 kg

[W328707-25KG](#) 25 kg

Glycocol, see Glycine Page 56

Grapefruit oil, Florida

FEMA 2530

from *Citrus paradisi* Macf.

Kosher

Florida origin

[W253006-SAMPLE-K](#)

[W253006-1KG-K](#) 1 kg

[W253006-9KG-K](#) 9 kg

[W253006-20KG-K](#) 20 kg

Grape seed oil, see Cognac oil Page 30
Cognac oil Page 30

Guaiacol

Catechol monomethyl ether; 2-Methoxyphenol;

Pyrocatechol monomethyl ether

[90-05-1] $(\text{CH}_3\text{O})\text{C}_6\text{H}_4\text{OH}$ $\text{C}_7\text{H}_8\text{O}_2$ FW 124.14

Arc. 1472; Fen. 308

► natural, ≥98%, FG

FEMA 2532 Flavis 4.005 CoE Nr 173

Halal, Kosher

Organoleptic: medicinal; woody; smoky

[W253200-SAMPLE-K](#)

[W253200-1KG-K](#) 1 kg

[W253200-5KG-K](#) 5 kg

[W253200-10KG-K](#) 10 kg

[W253200-25KG-K](#) 25 kg

Guaiac wood oil

Champaca wood oil

[8016-23-7]

FEMA 2534

from *Bulnesia sarmienti* Lor.

Kosher

Organoleptic: rose

Paraguay origin

[W253405-SAMPLE-K](#)[W253405-1KG-K](#)

1 kg

[W253405-10KG-K](#)

10 kg

[W253405-25KG-K](#)

25 kg

Guaiacyl phenylacetate[4112-89-4] $C_6H_5CH_2CO_2C_6H_4-2-(OCH_3) C_{15}H_{14}O_3$
FW 242.27Arc. 1477; *Fen.* 309

► ≥98%

FEMA 2535 Flavis 9.711 CoE Nr 238

Organoleptic: smoky; meaty

Kosher

[W253502-SAMPLE-K](#)[W253502-100G-K](#)

100 g

[W253502-1KG-K](#)

1 kg

[W253502-5KG-K](#)

5 kg

Guaiacwood acetate $C_{17}H_{28}O_2$ FW 264.40

Kosher

[W522007-SAMPLE-K](#)[W522007-1KG-K](#)

1 kg

[W522007-5KG-K](#)

5 kg

[W522007-10KG-K](#)

10 kg

▣ Gum storax, see *Syrax* Page 120
Hazelnut ketone, see 5-Methyl-2-hepten-4-one, predominantly *trans* Page 87**Helichrysum oil**

NEW

[90045-56-0]

► natural

Flavor: Modifier for selected fruit flavors, including raspberry, plum and fig.

Fragrance: Provides an interesting effect in ambre, chypre, lily, muguet, rose and other bases.

from *Helichrysum italicum*

Kosher

Organoleptic: rich; honey[W530394-SAMPLE-K](#)[W530394-25G-K](#)

25 g

[W530394-100G-K](#)

100 g

▣ Helichrysum oil, see *Immortelle absolute* Page 57
Heliotropin, see *Piperonal* Page 112
Hendecane, see *Undecane* Page 127
Hendecanoic acid, see *Undecanoic acid* Page 127**Heptadecanoic acid tryptamine**N-[2-(3-Indolyl)ethyl]heptadecanamide; N-Heptadecanoyltryptamine; Margaric acid tryptamide; MAT [232257-97-5] $C_{27}H_{44}N_2O$ FW 412.65

► analytical standard, for food analysis

≥99.0% (HPLC)

[41905](#)▣ N-Heptadecanoyltryptamine, see Heptadecanoic acid tryptamine Page 57
2,4-Heptadienal, see *trans,trans*-2,4-Heptadienal Page 57**γ-Heptalactone**(±)-4-Heptanolide; (±)- γ -Propyl- γ -butyrolactone; (±)-Dihydro-5-propyl-2(3*H*)-furanone [105-21-5] $C_7H_{12}O_2$ FW 128.17Arc. 1504; *Fen.* 312

► ≥98%, FCC, FG

FEMA 2539 Flavis 10.02 CoE Nr 2253

Organoleptic: caramel; coconut; herbaceous; sweet

Halal, Kosher, NI

[W253901-SAMPLE-K](#)[W253901-100G-K](#)

100 g

[W253901-1KG-K](#)

1 kg

[W253901-5KG-K](#)

5 kg

HeptanalHeptaldehyde; Enanthaldehyde; Oenanthaldehyde; 1-Heptanal; Aldehyde C_7 [111-71-7] $CH_3(CH_2)_5CHO C_7H_{14}O$ FW 114.19Arc. 1494; *Fen.* 312

► ≥92%, FCC

FEMA 2540 Flavis 5.031 CoE Nr 117

Organoleptic: oily; fruity; woody; fatty; nutty

Halal, NI

[W254002-SAMPLE](#)[W254002-1KG](#)

1 kg

[W254002-4KG](#)

4 kg

[W254002-8KG](#)

8 kg

[W254002-20KG](#)

20 kg

▣ 1-Heptanal, see Heptanal Page 57

Heptanal dimethyl acetal, see 1,1-Dimethoxyheptane

Page 36

trans,trans-2,4-Heptadienal

2,4-Heptadienal

[4313-03-5] $C_6H_5CH=CHCH=CHCHO C_7H_{10}O$ FW 110.15*Fen.* 311

► ≥88%

FEMA 3164 CoE Nr 2123

Organoleptic: cinnamon; hazelnut; fatty

Kosher, NI

[W316407-SAMPLE-K](#)[W316407-100G-K](#)

100 g

[W316407-250G-K](#)

250 g

[W316407-1KG-K](#)

1 kg

2,3-Heptanedione

Acetyl valeryl

[96-04-8] $CH_3(CH_2)_3COCOCH_3 C_7H_{12}O_2$

FW 128.17

Arc. 47; *Fen.* 314

► ≥97%, FG

FEMA 2543 Flavis 7.064 CoE Nr 2044

Organoleptic: apple; berry; butter; cheese; oily; fruity; pineapple

Halal, Kosher

[W254304-SAMPLE-K](#)[W254304-100G-K](#)

100 g

[W254304-1KG-K](#)

1 kg

[W254304-5KG-K](#)

5 kg

1-Heptanethiol

NEW

Heptyl mercaptan; Mercaptan C_7 [1639-09-4] $CH_3(CH_2)_6SH C_7H_{16}S$ FW 132.27

► 98%

FEMA 4259 Flavis 12.13

[W425900-SAMPLE](#)[W425900-100G](#)

100 g

[W425900-500G](#)

500 g

Heptanoic acid

Oenanthic acid; Enanthic acid

[111-14-8] F FEMA 3348 Flavis 8.028

 $CH_3(CH_2)_5COOH C_7H_{14}O_2$ FW 130.18Arc. 1500; *Fen.* 314

► 97%

CoE Nr 28

Organoleptic: sour

NI

[W334804-SAMPLE](#)[W334804-SAMPLE-K](#)

1 kg

[W334804-1KG-K](#)

10 kg

[W334804-20KG-K](#)

20 kg

► natural, ≥98%

Organoleptic: cheese

Kosher

[W334812-SAMPLE-K](#)[W334812-100G-K](#)

100 g

[W334812-1KG-K](#)

1 kg

[W334812-5KG-K](#)

5 kg

▣ 1-Heptanol, see Heptyl alcohol Page 58

2-Heptanol

Methyl pentyl carbinal

[543-49-7] $CH_3(CH_2)_4CH(OH)CH_3 C_7H_{16}O$

FW 116.20

Arc. 1502; *Fen.* 315

► ≥97%

FEMA 3288 Flavis 2.045 CoE Nr 554

Organoleptic: oily; earthy

Kosher, NI

[W328804-SAMPLE-K](#)[W328804-250G-K](#)

250 g

[W328804-1KG-K](#)

1 kg

[W328804-4KG-K](#)

4 kg

[W328804-8KG-K](#)

8 kg

Heptanol

3-Heptanol

Butyl ethyl carbinol
 [589-82-2] CH₃(CH₂)₃CH(OH)CH₂CH₃ C₇H₁₆O
 FW 116.20
 Arc. 1503; Fen. 315

► ≥98%

FEMA 3547 Flavis 2.044 CoE Nr 544
Natural occurrence: Banana; cranberry; papaya; potato; malt; peppermint; Scotch spearmint; butter; cooked beef; coffee and brandy.
Organoleptic: banana; butter; herbaceous; meaty; coffee; vegetable; minty
 NI

[W354708-SAMPLE](#)

W354708-100G	100 g
W354708-1KG	1 kg
W354708-4KG	4 kg

☒ (±)-4-Heptanolide, see γ-Heptalactone Page 57

2-Heptanone

Methyl pentyl ketone
 [110-43-0] CH₃(CH₂)₄COCH₃ C₇H₁₄O FW 114.19
 Arc. 1905; Fen. 316

► ≥98%, FCC, FG

FEMA 2544 Flavis 7.002 CoE Nr 136
Organoleptic: banana; cinnamon; spicy; fruity
 Halal, Kosher, NI

[W254401-SAMPLE-K](#)

W254401-1KG-K	1 kg
W254401-8KG-K	8 kg
W254401-20KG-K	20 kg

3-Heptanone

Ethyl butyl ketone; Butyl ethyl ketone
 [106-35-4] CH₃(CH₂)₃COC₂H₅ C₇H₁₄O FW 114.19
 Arc. 1173; Fen. 316

► 96%

FEMA 2545 Flavis 7.003 CoE Nr 137
Organoleptic: ethereal; fatty; green; fruity; sweet
 Halal, Kosher, NI

[W254509-SAMPLE](#)

W254509-1KG	1 kg
W254509-4KG	4 kg
W254509-8KG	8 kg

4-Heptanone

Butyrene; Dipropyl ketone
 [123-19-3] (CH₃CH₂CH₂)₂CO C₇H₁₄O FW 114.19
 Arc. 1090; Fen. 317

► ≥97%

FEMA 2546 Flavis 7.058 CoE Nr 2034
Natural occurrence: Baked potato, cabbage, coffee, papaya, roasted peanut.
Organoleptic: apple; banana; cheese; nutty; peanut; pineapple; strawberry
 NI

[W254606-SAMPLE](#)

W254606-1KG	1 kg
W254606-4KG	4 kg
W254606-8KG	8 kg

trans-2-Heptenal

[18829-55-5] CH₃(CH₂)₃CH=CHCHO C₇H₁₂O
 FW 112.17
 Arc. 1506; Fen. 317

► ≥95%

FEMA 3165 Flavis 5.15 CoE Nr 730
Organoleptic: apple; lemon; green; fatty; spicy; vegetable
 Kosher, NI
 contains 0.1-0.5% alpha-tocopherol as antioxidant

[W316504-SAMPLE-K](#)

W316504-200G-K	200 g
W316504-1KG-K	1 kg
W316504-4KG-K	4 kg

cis-4-Heptenal

[6728-31-0] CH₃CH₂CH=CHCH₂CH₂CHO C₇H₁₂O
 FW 112.17

Arc. 1505; Fen. 318

► ≥98%, FCC, FG

FEMA 3289 Flavis 5.085 CoE Nr 2124
Natural occurrence: Butter, dried bonito, fish, krill, milk, boiled potato, peppermint, Scotch, spearmint, wheat bread.
Organoleptic: butter; vegetable; fishy; minty
 Halal, Kosher, NI
 contains 0.50% alpha-tocopherol, synthetic as antioxidant

[W328901-SAMPLE-K](#)

W328901-100G-K	100 g
W328901-200G-K	200 g
W328901-1KG-K	1 kg

cis-4-Heptenal solution

C₇H₁₂O FW 112.17

► 10 wt. % in triethyl citrate, FG, natural (US)

FEMA 3289

Organoleptic: vegetable; fatty; green

[W328915-50G-K](#)

[W328915-500G-K](#)

[W328915-SAMPLE-K](#)

1-Hepten-3-ol

Butyl vinyl carbinol
 [4938-52-7] CH₃(CH₂)₃CH(OH)CH=CH₂ C₇H₁₄O
 FW 114.19

► ≥97%

FEMA 4129 Flavis 2.155

W412901-SAMPLE	
W412901-25G	25 g
W412901-100G	100 g
W412901-1KG	1 kg

cis-3-Hepten-1-ol

[1708-81-2] C₇H₁₄O FW 114.19

► ≥97%

Kosher

[W519030-SAMPLE-K](#)

W519030-100G-K	100 g
W519030-1KG-K	1 kg

Heptyl acetate

► natural, ≥98%

FEMA 2547 Flavis 9.022 CoE Nr 212c
 Kosher
 Arc. 1513; Fen. 321

[W254711-SAMPLE-K](#)

W254711-25G-K	25 g
W254711-100G-K	100 g
W254711-1KG-K	1 kg

Heptyl acetate

n-Heptyl acetate

[112-06-1] C₉H₁₈O₂ FW 158.24

► ≥98%, FG

FEMA 2547 Flavis 9.022 CoE Nr 212
Organoleptic: apricot; oily; citrus; pear; woody
 Halal, Kosher, NI
 Arc. 1513; Fen. 321

[W254703-SAMPLE-K](#)

W254703-1KG-K	1 kg
W254703-4KG-K	4 kg
W254703-9KG-K	9 kg
W254703-20KG-K	20 kg

☒ n-Heptyl acetate, see Heptyl acetate Page 58

Heptyl alcohol

1-Heptanol

[111-70-6] CH₃(CH₂)₆OH C₇H₁₆O FW 116.20

► ≥97%, FCC

FEMA 2548 Flavis 2.021 CoE Nr 70

Natural occurrence: Apple, apricot, beer, butter, macadamia nut, mushroom, strawberry, tea, tobacco, and wine.

Organoleptic: apple; apricot; coconut; musty; oily; woody; citrus; nutty; fruity; strawberry; vanilla; vegetable; green; wine-like; meaty

Kosher, NI

[W254800-SAMPLE-K](#)

W254800-1KG-K	1 kg
W254800-4KG-K	4 kg
W254800-8KG-K	8 kg
W254800-20KG-K	20 kg

Heptyl butyrate

[5870-93-9] CH₃CH₂CH₂CO₂(CH₂)₆CH₃ C₁₁H₂₂O₂
 FW 186.29

Arc. 1521; Fen. 322

► ≥98%

FEMA 2549 Flavis 9.166 CoE Nr 504

Organoleptic: green; sweet

Kosher

[W254908-SAMPLE-K](#)

W254908-1KG-K	1 kg
W254908-4KG-K	4 kg
W254908-9KG-K	9 kg

Heptyl formate

[112-23-2] $\text{HCO}_2(\text{CH}_2)_6\text{CH}_3$ $\text{C}_8\text{H}_{16}\text{O}_2$ FW 144.21
Arc. 1540; *Fen.* 324

► ≥98%

FEMA 2552 Flavis 9.074 CoE Nr 341

Organoleptic: apple; fatty; plum
Halal, Kosher

[W255203-SAMPLE-K](#)

[W255203-1KG-K](#) 1 kg

[W255203-4KG-K](#) 4 kg

[W255203-9KG-K](#) 9 kg

- ☒ Heptyl mercaptan, see 1-Heptanethiol Page 57
- Heptyl methyl carbinal, see 2-Nonanol Page 98
- Heptyl methyl ketone, see 2-Nonanone Page 98
- (±)-6-Heptyltetrahydro-2*H*-pyran-2-one, see δ-Dodecalactone Page 41
- (±)-8-Heptyl-5-valerolactone, see δ-Dodecalactone Page 41
- Hemiarin, see 7-Methoxycoumarin Page 79

Hesperetin

NEW

3',5,7-Trihydroxy-4-methoxyflavanone; (2*S*)-5,7-Dihydroxy-2-(3-hydroxy-4-methoxyphenyl)-4-chromanone
[69097-99-0] $\text{C}_{16}\text{H}_{14}\text{O}_6$ FW 302.28

► ≥95%

FEMA 4313

[W431300-5G](#) 5 g

[W431300-50G](#) 50 g

[W431300-1KG](#) 1 kg

Hexacosanoic acid tryptamide

N-[2-(3-Indolyl)ethyl]hexacosanamide; N-Hexacosanoyltryptamine; Cerotinic acid tryptamide; CAT [152766-96-6] $\text{C}_{36}\text{H}_{62}\text{N}_2\text{O}$ FW 538.89

► analytical standard, for food analysis

≥98.0% (HPLC)

[00864](#)

- ☒ N-Hexacosanoyltryptamine, see Hexacosanoic acid tryptamide Page 59

1,7-Hexadecadiene

[125110-62-5] $\text{CH}_2=\text{CH}(\text{CH}_2)_4\text{CH}=\text{CH}(\text{CH}_2)_7\text{CH}_3$
 $\text{C}_{16}\text{H}_{30}$ FW 222.41

► analytical standard, for food analysis

≥90% (GC)

[52206-25MG](#) 25 mg

- ☒ Hexadecanoic acid, see Palmitic acid Page 104

1-Hexadecanol

Palmityl alcohol; Cetyl alcohol
[36653-82-4] $\text{CH}_3(\text{CH}_2)_{15}\text{OH}$ $\text{C}_{16}\text{H}_{34}\text{O}$ FW 242.44
Arc. 1574; *Fen.* 326

► ≥99%

FEMA 2554 Flavis 2.009 CoE Nr 57

Organoleptic: floral; waxy
NI

[W255408-SAMPLE](#)

[W255408-1KG](#) 1 kg

[W255408-5KG](#) 5 kg

[W255408-10KG](#) 10 kg

ω-6-Hexadecenolactone

[7779-50-2] $\text{C}_{16}\text{H}_{28}\text{O}_2$ FW 252.39
Arc. 105; *Fen.* 326

► ≥98%

FEMA 2555 Flavis 10.003 CoE Nr 180

Organoleptic: musty; animal
NI

[W255505-SAMPLE](#)

[W255505-25G](#) 25 g

[W255505-100G](#) 100 g

[W255505-1KG](#) 1 kg

trans,trans-2,4-Hexadienal

Sorbic aldehyde; Sorbaldehyde
[142-83-6] $\text{CH}_3\text{CH}=\text{CHCH}=\text{CHCHO}$ $\text{C}_6\text{H}_8\text{O}$
FW 96.13

Arc. 1575; *Fen.* 327

► ≥95%

FEMA 3429 Flavis 5.057 CoE Nr 640

Organoleptic: floral; citrus; green
NI

[W342904-SAMPLE](#)

[W342904-100G](#) 100 g

[W342904-1KG](#) 1 kg

[W342904-4KG](#) 4 kg

2,4-Hexadienoic acid

Sorbic acid; 2,4-Hexadienoic acid
[110-44-1] $\text{CH}_3\text{CH}=\text{CHCH}=\text{CHCOOH}$ $\text{C}_6\text{H}_8\text{O}_2$
FW 112.13

► ≥99%, FCC

FEMA 3924 Flavis 8.085

[W392103-SAMPLE](#)

[W392103-1KG](#) 1 kg

[W392103-5KG](#) 5 kg

[W392103-10KG](#) 10 kg

trans,trans-2,4-Hexadien-1-ol

Sorbic alcohol
[17102-64-6] $\text{CH}_3\text{CH}=\text{CHCH}=\text{CHCH}_2\text{OH}$ $\text{C}_6\text{H}_{10}\text{O}$
FW 98.14

Arc. 1577

► ≥97%

FEMA 3922

Natural occurrence: Raw and cooked asparagus, naranjilla fruit.

Organoleptic: almond; apple; herbaceous; green; wine-like

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W392200-SAMPLE](#)

[W392200-25G-K](#) 25 g

[W392200-100G-K](#) 100 g

[W392200-1KG-K](#) 1 kg

trans,trans-2,4-Hexadienyl acetate

Sorbyl acetate

[1516-17-2] $\text{CH}_3(\text{CH}=\text{CH})_2\text{CH}_2\text{OC(O)CH}_3$ $\text{C}_8\text{H}_{12}\text{O}_2$
FW 140.18

► 97%

FEMA 4132 Flavis 9.573

Organoleptic: pineapple; sweet; wine-like
Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W413201-SAMPLE](#)

[W413201-100G-K](#) 100 g

[W413201-1KG-K](#) 1 kg

1,3,4,6,7,8-Hexahydro-4,6,6,7,8,8-hexamethylcyclopenta[g]-2-benzopyran solution

[1222-05-5] $\text{C}_{18}\text{H}_{26}\text{O}$ FW 258.40

► 50% in diethyl phthalate

[W520608-SAMPLE](#)

[W520608-1KG](#) 1 kg

[W520608-10KG](#) 10 kg

[W520608-25KG](#) 25 kg

- ☒ Hexahydropyridine, see Piperidine Page 112
- Hexahydrothymol, see DL-Menthol Page 78

γ-Hexalactone

γ-Caprolactone; γ-Ethyl-γ-butyrolactone

[695-06-7] $\text{C}_6\text{H}_{10}\text{O}_2$ FW 114.14

Arc. 1590; *Fen.* 327

► ≥98%, FCC, FG

FEMA 2556 Flavis 10.021 CoE Nr 2254

Halal, Kosher, NI

Organoleptic: herbaceous; sweet

[W255602-SAMPLE](#)

[W255602-100G-K](#) 100 g

[W255602-1KG-K](#) 1 kg

[W255602-5KG-K](#) 5 kg

[W255602-10KG-K](#) 10 kg

δ-Hexalactone

δ-Caprolactone

[823-22-3] $\text{C}_6\text{H}_{10}\text{O}_2$ FW 114.14

Fen. 328

► ≥98%

FEMA 3167 Flavis 10.01 CoE Nr 641

[W316709-SAMPLE](#)

[W316709-100G](#) 100 g

[W316709-1KG](#) 1 kg

[W316709-5KG](#) 5 kg

- ☒ Hexamethylene dimercaptan, see 1,6-Hexanedithiol Page 60
- 2,2,4,4,6,6-Hexamethyl-s-trithiane, see Trithioacetone Page 127

Hexanal

Hexanal

Caproaldehyde; Aldehyde C₆; Hexyl aldehyde [66-25-1] FEM 2557 Flavis 5.008 CH₃(CH₂)₄CHO C₆H₁₂O FW 100.16 Arc. 1592; Fen. 326; Fen. 328

► ≥97%, FCC, FG

CoE Nr 96
Organoleptic: fatty; green
Halal, Kosher, NI

W255718-SAMPLE-K

W255718-1KG-K	1 kg
W255718-4KG-K	4 kg
W255718-8KG-K	8 kg
W255718-20KG-K	20 kg

► natural, ≥95%, FG

CoE Nr 96c
Halal, Kosher
Organoleptic: fatty; green

W255726-SAMPLE-K

W255726-25G-K	25 g
W255726-100G-K	100 g
W255726-1KG-K	1 kg

► natural, ≥90%

CoE Nr 96
Organoleptic: fatty; fruity; green
Fen. 328

W255734-25G	25 g
W255734-100G	100 g
W255734-1KG	1 kg

Hexanedioic acid, see Adipic acid Page 10

2,3-Hexanedione

Acetyl butyryl [3848-24-6] CH₃CH₂CH₂COCOCH₃ C₆H₁₀O₂ FW 114.14 Arc. 31; Fen. 331

► ≥93%, FG

FEM 2558 Flavis 7.018 CoE Nr 152
Organoleptic: butter; creamy; oily; sweet
Halal, Kosher, NI

W255807-SAMPLE-K

W255807-250G-K	250 g
W255807-1KG-K	1 kg
W255807-5KG-K	5 kg
W255807-10KG-K	10 kg

3,4-Hexanedione

[4437-51-8] CH₂CH₂COCOCH₂CH₃ C₆H₁₀O₂ FW 114.14

Arc. 1084; Fen. 329

► ≥90%

FEM 3168 Flavis 7.077 CoE Nr 2255
Organoleptic: caramel; creamy; coffee
Halal, Kosher

W316814-SAMPLE-K

W316814-100G-K	100 g
W316814-250G-K	250 g
W316814-1KG-K	1 kg
W316814-4KG-K	4 kg

1,6-Hexanedithiol

Hexamethylene dimercaptan; 1,6-Dimercaptohexane; DMH [1191-43-1] HS(CH₂)₆SH C₆H₁₄S₂ FW 150.31 Fen. 330

► ≥97%, FG

FEM 3495 Flavis 12.067 CoE Nr 11486

Organoleptic: fatty; meaty
Halal, Kosher

W349518-SAMPLE-K

W349518-25G-K	25 g
W349518-100G-K	100 g
W349518-1KG-K	1 kg

Hexanoic acid

Caproic acid; Acid C₆ [142-62-1] FEM 2559 Flavis 8.009 CH₃(CH₂)₄COOH C₆H₁₂O₂ FW 116.16

Organoleptic: cheese; fatty; sour
Arc. 1596; Fen. 331

► ≥98%, FCC, FG

CoE Nr 9

Halal, Kosher, NI

W255904-SAMPLE-K

W255904-1KG-K	1 kg
W255904-5KG-K	5 kg
W255904-10KG-K	10 kg
W255904-25KG-K	25 kg

► natural, ≥98%, FCC

CoE Nr 9c

Halal, Kosher

W255912-SAMPLE-K

W255912-1KG-K	1 kg
W255912-10KG-K	10 kg
W255912-25KG-K	25 kg

1-Hexanol, see Hexyl alcohol Page 63

2-Hexanol

(±)-2-Hexanol; Butyl methyl carbinol [626-93-7] CH₃(CH₂)₃CH(OH)CH₃ C₆H₁₄O FW 102.17

► ≥98%

Flavis 2.163

W513601-SAMPLE

W513601-100G	100 g
W513601-1KG	1 kg
W513601-4KG	4 kg

(±)-2-Hexanol, see 2-Hexanol Page 60

3-Hexanol

Ethyl propyl carbinol [623-37-0] CH₃CH₂CH₂CH(OH)CH₂CH₃ C₆H₁₄O FW 102.17 Fen. 331

► ≥97%

FEM 3351 Flavis 2.089 CoE Nr 4123

Organoleptic: alcohol; ethereal; medicinal NI

W335118-SAMPLE

W335118-100G	100 g
W335118-1KG	1 kg
W335118-4KG	4 kg

3-Hexanone

Ethyl propyl ketone

[589-38-8] CH₃CH₂CH₂COC₂H₅ C₆H₁₂O FW 100.16 Fen. 332

► ≥97%

FEM 3290 Flavis 7.096 CoE Nr 4125

Organoleptic: grape; earthy; ethereal; wine-like NI

W329002-SAMPLE

W329002-25G	25 g
W329002-100G	100 g
W329002-1KG	1 kg

trans-2-Hexenal, see trans-2-Hexen-1-al Page 60

trans-2-Hexen-1-al Page 60

trans-2-Hexen-1-al

Leaf aldehyde; trans-2-Hexenal

[6728-26-3] FEM 2560 Flavis 5.073 CoE Nr 748 CH₃CH₂CH₂CH=CHCHO C₆H₁₀O FW 98.14 Arc. 1599; Fen. 789

► ≥95%, FCC, FG

Organoleptic: almond; apple; green; plum; sweet; vegetable

Halal, Kosher, NI

hexenoic acid <3%

W256005-SAMPLE-K

W256005-1KG-K	1 kg
W256005-4KG-K	4 kg
W256005-8KG-K	8 kg
W256005-20KG-K	20 kg

► natural, FG

Organoleptic: almond; apple; fruity; vegetable; minty; green

Halal, Kosher

W256110-SAMPLE-K

W256110-25G-K	25 g
W256110-100G-K	100 g
W256110-1KG-K	1 kg

cis-3-Hexenal solution

[6789-80-6] CH₃CH₂CH₂CH=CHCHO C₆H₁₀O FW 98.14

► 50% in triacetin, FG

FEM 2561 Flavis 5.075 CoE Nr 2008

Halal, Kosher

Organoleptic: apple; grape; lilac; orange; floral; pear; pineapple; strawberry; green; vegetable contains 0.10% alpha-tocopherol, synthetic as antioxidant

Arc. 1598; Fen. 333

W256102-SAMPLE-K

W256102-25G-K	25 g
W256102-100G-K	100 g
W256102-1KG-K	1 kg

trans-2-Hexenoic acid

[13419-69-7] CH₃CH₂CH₂CH=CHCO₂H C₆H₁₀O₂
FW 114.14

Arc. 1603; Fen. 335

► ≥98%, FG

FEMA 3169 Flavis 8.054 CoE Nr 11777

Organoleptic: musty; fatty; sweet

Halal, Kosher, NI

[W316903-SAMPLE-K](#)

[W316903-100G-K](#) 100 g

[W316903-1KG-K](#) 1 kg

[W316903-5KG-K](#) 5 kg

trans-3-Hexenoic acid

[1577-18-0] C₂H₅CH=CHCH₂CO₂H C₆H₁₀O₂
FW 114.14

► ≥98%

FEMA 3170 CoE Nr 2256

Organoleptic: cheese

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W317004-SAMPLE-K](#)

[W317004-100G-K](#) 100 g

[W317004-1KG-K](#) 1 kg

[W317004-5KG-K](#) 5 kg

▣ D-erythro-Hex-2-enoic acid γ-lactone, see D-Isoascorbic acid
Page 68

1-Hexen-3-ol

[4798-44-1] CH₃CH₂CH₂CH(OH)CH=CH₂ C₆H₁₂O
FW 100.16

► ≥98%

FEMA 3608 Flavis 2.104 CoE Nr 10220

Organoleptic: banana; ethereal; wine-like

Kosher

contains alpha-tocopherol, synthetic

[W360805-SAMPLE-K](#)

[W360805-25G-K](#) 25 g

[W360805-100G-K](#) 100 g

[W360805-1KG-K](#) 1 kg

cis-2-Hexen-1-ol

[928-94-9] CH₃CH₂CH₂CH=CHCH₂OH C₆H₁₂O
FW 100.16

Fen. 813

► ≥90%

FEMA 3924 Flavis 2.156

Natural Occurrence: Fresh and cooked apple, sour cherry, blueberry, black currant, papaya, peach, french fried potato, tomato, butter, hop oil, cognac, red and white wines, and black tea.

Organoleptic: alcohol; almond; apple; vegetable; wine-like; green; pepper

Kosher

[W392405-SAMPLE-K](#)

[W392405-100G-K](#) 100 g

[W392405-1KG-K](#) 1 kg

[W392405-4KG-K](#) 4 kg

trans-2-Hexen-1-ol

[928-95-0] CH₃CH₂CH₂CH=CHCH₂OH C₆H₁₂O
FW 100.16

Arc. 1606; Fen. 336

► ≥96%, FCC, FG

FEMA 2562 CoE Nr 69

Natural occurrence: Raspberry, orange, apple, green tea, kiwi, peach, strawberry and tomato.

Organoleptic: apple; banana; orange; green; fatty; wine-like; fruity; raspberry; strawberry; vegetable; minty; herbaceous

Halal, Kosher, NI

[W256218-SAMPLE-K](#)

[W256218-250G-K](#) 250 g

[W256218-1KG-K](#) 1 kg

[W256218-8KG-K](#) 8 kg

▣ trans-3-Hexenol, see trans-3-Hexen-1-ol Page 61
3-Hexen-1-ol, see cis-3-Hexenyl acetate Page 62

cis-3-Hexen-1-ol

[928-96-1] FEMA 2563 Flavis 2.056 CoE Nr 750
C₂H₅CH=CHCH₂CH₂OH C₆H₁₂O FW 100.16

Arc. 1604; Fen. 337

► ≥98%, FCC

Organoleptic: green

Halal, Kosher, NI

[W256307-SAMPLE-K](#)

[W256307-1KG-K](#) 1 kg

[W256307-4KG-K](#) 4 kg

[W256307-8KG-K](#) 8 kg

[W256307-20KG-K](#) 20 kg

► natural, >98%, FCC, FG

Halal, Kosher

[W256323-SAMPLE-K](#)

[W256323-100G-K](#) 100 g

[W256323-1KG-K](#) 1 kg

[W256323-4KG-K](#) 4 kg

trans-3-Hexen-1-ol

trans-3-Hexenol
[928-97-2] C₂H₅CH=CHCH₂CH₂OH C₆H₁₂O
FW 100.16

Arc. 1607

► 97%

FEMA 4356

Kosher

contains 0.1% alpha-tocopherol, synthetic as antioxidant

[W435600-SAMPLE-K](#)

[W435600-100G-K](#) 100 g

[W435600-1KG-K](#) 1 kg

4-Hexen-1-ol

4-Hexen-1-ol, predominantly *trans*

[928-92-7] CH₃CH=CH(CH₂)₃OH C₆H₁₂O
FW 100.16

► ≥96%, FG

FEMA 3430 CoE Nr 2295

Halal, Kosher, NI

Fen. 338

[W343005-SAMPLE-K](#)

[W343005-25G-K](#) 25 g

[W343005-100G-K](#) 100 g

[W343005-1KG-K](#) 1 kg

[W343005-1KG](#) 1 kg

▣ 5-Hexenol, see 5-Hexen-1-ol Page 61

5-Hexen-1-ol

5-Hexenol

[821-41-0] HOCH₂(CH₂)₃CH=CH₂ C₆H₁₂O
FW 100.16

► 98%

FEMA 4351

[W435100-SAMPLE](#)

[W435100-1KG](#) 1 kg

▣ 4-Hexen-1-ol, predominantly *trans*, see 4-Hexen-1-ol
Page 61

4-Hexen-3-one

4-Hexen-3-one, predominantly *trans*

[2497-21-4] CH₃CH=CHCOCH₂H₅ C₆H₁₀O FW 98.14

► ≥92%

FEMA 3352 Flavis 7.048 CoE Nr 718

Organoleptic: ethereal

Halal, NI

Fen. 334

[W335207-SAMPLE](#)

[W335207-2G](#) 2 g

[W335207-25G](#) 25 g

[W335207-100G](#) 100 g

[W335207-1KG](#) 1 kg

▣ 4-Hexen-3-one, predominantly *trans*, see 4-Hexen-3-one
Page 61



Hexenylacetate

trans-2-Hexenyl acetate

[2497-18-9] $\text{CH}_3\text{CO}_2\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}_3$
 $\text{C}_8\text{H}_{14}\text{O}_2$ FW 142.20

► ≥98%, FCC

FEMA 2564 Flavis 9.196 CoE Nr 643

Natural Occurrence: Apple, banana, black currant, mango, peach, pear, strawberry and tea.

Organoleptic: apple; banana; grape; fruity; peach; pear; pineapple; strawberry; waxy; green; vegetable; herbaceous

Halal, Kosher

NI

Arc. 1609; Fen. 338

[W256404-SAMPLE-K](#)

[W256404-100G-K](#) 100 g

[W256404-1KG-K](#) 1 kg

[W256404-5KG-K](#) 5 kg

[W256404-9KG-K](#) 9 kg

cis-3-Hexenyl acetate

3-Hexen-1-ol; (3Z)-C-3-Hexenyl acetate; Leaf
acetate

[3681-71-8] FEMA 3171 Flavis 9.197
 $\text{CH}_3\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CHC}_2\text{H}_5$ $\text{C}_6\text{H}_{14}\text{O}_2$ FW 142.20
 Arc. 1608; Fen. 340

► ≥98%, FCC, FG

CoE Nr 644

Natural occurrence: Apple, melon peach, pear, raspberry, strawberry, tomato and Virginia tobacco.

Halal, Kosher, NI

Organoleptic: banana; green; vegetable
contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W317101-SAMPLE-K](#)

[W317101-200G-K](#) 200 g

[W317101-1KG-K](#) 1 kg

[W317101-5KG-K](#) 5 kg

► natural

Kosher

[W317128-SAMPLE-K](#)

[W317128-25G-K](#) 25 g

[W317128-100G-K](#) 100 g

[W317128-1KG-K](#) 1 kg

▣ (3Z)-C-3-Hexenyl acetate, see *cis-3-Hexenyl acetate*
 Page 62

cis-3-Hexenyl benzoate

[25152-85-6] $\text{C}_6\text{H}_5\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CHC}_2\text{H}_5$
 $\text{C}_{13}\text{H}_{16}\text{O}_2$ FW 204.26
 Fen. 359

► ≥97%

FEMA 3688 Flavis 9.806 CoE Nr 11778

Organoleptic: woody; herbaceous; green
Kosher, NI

[W368806-SAMPLE-K](#)

[W368806-100G-K](#) 100 g

[W368806-1KG-K](#) 1 kg

[W368806-5KG-K](#) 5 kg

trans-2-Hexenyl butyrate

[53398-83-7] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_3$
 $\text{C}_{10}\text{H}_{18}\text{O}_2$ FW 170.25

► ≥96%

FEMA 3926 Flavis 9.396

Natural Occurrence: High bush cranberry, strawberry chicken fat, black tea, fresh plum, lovage root and chermoya fruit.

Organoleptic: apple; cheese; green; meaty

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W392618-SAMPLE-K](#)

[W392618-100G-K](#) 100 g

[W392618-1KG-K](#) 1 kg

cis-3-Hexenyl butyrate

[16491-36-4] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CHC}_2\text{H}_5$
 $\text{C}_{10}\text{H}_{18}\text{O}_2$ FW 170.25

Arc. 1613; Fen. 340

► ≥98%

FEMA 3402 Flavis 9.27 CoE Nr 2166

Organoleptic: butter; green; wine-like

Halal, Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W340200-SAMPLE-K](#)

[W340200-100G-K](#) 100 g

[W340200-1KG-K](#) 1 kg

[W340200-4KG-K](#) 4 kg

cis-3-Hexenyl crotonate

[65405-80-3] $\text{CH}_3\text{CH}=\text{CHCO}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CHC}_2\text{H}_5$
 $\text{C}_{10}\text{H}_{16}\text{O}_2$ FW 168.23

FEMA 3982 Flavis 9.566

[W398209-SAMPLE](#)

[W398209-100G](#) 100 g

[W398209-1KG](#) 1 kg

[W398209-5KG](#) 5 kg

cis-3-Hexenyl formate

[33467-73-1] $\text{HCO}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CHC}_2\text{H}_5$ $\text{C}_7\text{H}_{12}\text{O}_2$
 FW 128.17

Arc. 1620; Fen. 341

► ≥94%

FEMA 3353 Flavis 9.24 CoE Nr 2153

Kosher, NI

Organoleptic: vegetable; green

cis-3-hexen-1-ol <5%

[W335304-SAMPLE-K](#)

[W335304-100G-K](#) 100 g

[W335304-1KG-K](#) 1 kg

[W335304-5KG-K](#) 5 kg

cis-3-Hexenyl hexanoate

[31501-11-8] $\text{CH}_3(\text{CH}_2)_4\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CHC}_2\text{H}_5$
 $\text{C}_{12}\text{H}_{22}\text{O}_2$ FW 198.30

Arc. 1616; Fen. 341

► ≥98%, FG

FEMA 3403 Flavis 9.271 CoE Nr 11779

Can be used to modify *cis-3-Hexenyl acetate* or as part of fruity-green topnote complexes in fragrance applications.

Organoleptic: apple; green; vegetable

Halal, Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W340308-SAMPLE-K](#)

[W340308-100G-K](#) 100 g

[W340308-1KG-K](#) 1 kg

[W340308-4KG-K](#) 4 kg

cis-3-Hexenyl cis-3-hexenoate

[61444-38-0] $\text{C}_5\text{H}_5\text{CH}=\text{CHCH}_2\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CH}_2$
 C_2H_5 $\text{C}_{12}\text{H}_{20}\text{O}_2$ FW 196.29

► ≥94%

FEMA 3689 Flavis 9.291

Organoleptic: melon

Kosher

[W368903-SAMPLE-K](#)

[W368903-25G-K](#) 25 g

[W368903-100G-K](#) 100 g

[W368903-1KG-K](#) 1 kg

cis-3-Hexenyl isobutyrate

[41519-23-7] $(\text{CH}_3)_2\text{CHCO}_2\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}_3$
 $\text{C}_{10}\text{H}_{18}\text{O}_2$ FW 170.25

► >98%

FEMA 3929 Flavis 9.563

Natural Occurrence: Guava, spearmint, Chinese quince.

Organoleptic: apple; orange; nutty; sweet; ethereal; wine-like; minty

Kosher

[W392901-SAMPLE-K](#)

[W392901-100G-K](#) 100 g

[W392901-1KG-K](#) 1 kg

cis-3-Hexenyl lactate

[61931-81-5] $\text{CH}_3\text{CH}(\text{OH})\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}=\text{CHC}_2\text{H}_5$
 $\text{C}_9\text{H}_{16}\text{O}_3$ FW 172.22

Fen. 343

► ≥98%

FEMA 3690 Flavis 9.545 CoE Nr 10681

Organoleptic: fruity; green

Halal, Kosher

[W369004-SAMPLE-K](#)

[W369004-100G-K](#) 100 g

[W369004-1KG-K](#) 1 kg

[W369004-5KG-K](#) 5 kg

cis-3-Hexenyl 2-methylbutanoate

[53398-85-9] $C_8H_{16}CH(CH_3)CO_2CH_2CH_2CH=CHC_2H_5$
 $C_{11}H_{20}O_2$ FW 184.28

Arc. 1622; Fen. 343

► ≥97%, FCC

FEMA 3497 Flavis 9.854 CoE Nr 2345

Natural occurrence: Apricot, spearmint, black and green tea, fresh plums.

Organoleptic: apple; herbaceous; sweet; waxy; pepper; minty
 Kosher, NI

[W349704-SAMPLE-K](#)

[W349704-100G-K](#) 100 g

[W349704-1KG-K](#) 1 kg

[W349704-4KG-K](#) 4 kg

cis-3-Hexenyl 3-methylbutanoate

[35154-45-1] $(CH_3)_2CHCH_2CO_2CH_2CH_2CH=CHC_2H_5$
 $C_{11}H_{20}O_2$ FW 184.28

Arc. 1632; Fen. 342

► ≥97%, FCC

FEMA 3498 Flavis 9.399 CoE Nr 2344

Organoleptic: apple; green
 Kosher

[W349801-SAMPLE-K](#)

[W349801-100G-K](#) 100 g

[W349801-1KG-K](#) 1 kg

[W349801-9KG-K](#) 9 kg

cis-3-Hexenyl phenylacetate

[42436-07-7] $C_6H_5CH_2CO_2CH_2CH_2CH=CHC_2H_5$
 $C_{14}H_{18}O_2$ FW 218.29

Fen. 344

► ≥99%

FEMA 3633 Flavis 9.805 CoE Nr 10682

Organoleptic: herbaceous; woody; mossy; sweet
 Kosher

NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W363308-SAMPLE-K](#)

[W363308-100G-K](#) 100 g

[W363308-1KG-K](#) 1 kg

[W363308-5KG-K](#) 5 kg

cis-3-Hexenyl propionate

[33467-74-2] $C_6H_{16}O_2$ FW 156.22

► >97%

FEMA 3933 Flavis 9.564

Kosher

[W393304-SAMPLE-K](#)

[W393304-100G-K](#) 100 g

[W393304-1KG-K](#) 1 kg

[W393304-5KG-K](#) 5 kg

cis-3-Hexenyl salicylate**cis-3-Hexenyl salicylate**

[65405-77-8] $2-(HO)C_6H_4CO_2CH_2CH_2CH=CHC_2H_5$
 $C_{13}H_{16}O_3$ FW 220.26

Arc. 1628

► ≥97%

Flavis 9.57

Organoleptic: balsam; green
 Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W509876-SAMPLE-K](#)

[W509876-100G-K](#) 100 g

[W509876-1KG-K](#) 1 kg

[W509876-5KG-K](#) 5 kg

► natural, ≥98%, FCC, FG

CoE Nr 53c

Halal, Kosher

[W256714-SAMPLE-K](#)

[W256714-100G-K](#) 100 g

[W256714-1KG-K](#) 1 kg

[W256714-4KG-K](#) 4 kg

☒ Hexyl aldehyde, see Hexanal Page 60

Hexyl benzoate

[6789-88-4] $C_6H_5CO_2(CH_2)_5CH_3$ $C_{13}H_{18}O_2$

FW 206.28

Arc. 1642; Fen. 347

► ≥98%

FEMA 3691 Flavis 9.768 CoE Nr 645

Organoleptic: balsam; woody; green
 Kosher, NI

[W369101-SAMPLE-K](#)

[W369101-1KG-K](#) 1 kg

[W369101-5KG-K](#) 5 kg

[W369101-10KG-K](#) 10 kg

Hexyl trans-2-butenoate

Hexyl crotonate

[19089-92-0] $CH_3CH=CHCO_2(CH_2)_5CH_3$ $C_{10}H_{18}O_2$

FW 170.25

Fen. 349

► ≥95%, FCC

FEMA 3354 Flavis 9.266 CoE Nr 10688

Organoleptic: pineapple
 Kosher, NI

[W335401-SAMPLE-K](#)

[W335401-1KG-K](#) 1 kg

[W335401-4KG-K](#) 4 kg

[W335401-9KG-K](#) 9 kg

Hexyl butyrate

[2639-63-6] FEMA 2568 Flavis 9.045 CoE Nr 271

$CH_3CH_2CH_2CO_2(CH_2)_5CH_3$ $C_{10}H_{20}O_2$ FW 172.26

Arc. 1645; Fen. 349

► ≥98%, FG

Halal, Kosher, NI

Organoleptic: apricot; pineapple; sweet

[W256803-SAMPLE-K](#)

[W256803-1KG-K](#) 1 kg

[W256803-9KG-K](#) 9 kg

[W256803-20KG-K](#) 20 kg

► natural, ≥98%

Organoleptic: pineapple; sweet

[W256811-SAMPLE](#)

[W256811-25G](#) 25 g

[W256811-100G](#) 100 g

[W256811-1KG](#) 1 kg

☒ Hexyl caproate, see Hexyl hexanoate Page 64

Hexylcinnamalde

a-Hexylcinnamaldehyde

[101-86-0] C₆H₅CH=C[(CH₂)₅CH₃]CHO C₁₅H₂₀O FW 216.32

Arc. 1653; *Fen.* 348

► ≥95%

FEMA 2569 Flavis 5.041 CoE Nr 129

Organoleptic: jasmine; lily; sweet

Kosher

contains 750-3000 ppm BHT as stabilizer

[W256900-SAMPLE-K](#)

[W256900-1KG-K](#)

1 kg

[W256900-5KG-K](#)

5 kg

[W256900-10KG-K](#)

10 kg

☒ Hexyl crotonate, see Hexyl trans-2-butenoate Page 63

Hexyl formate

[629-33-4] HCO₂(CH₂)₅CH₃ C₇H₁₄O₂ FW 130.18 Arc. 1663; *Fen.* 348

► ≥97%

FEMA 2570 Flavis 9.161 CoE Nr 499

Organoleptic: fruity; ethereal; green

Kosher, NI

[W257001-SAMPLE-K](#)

[W257001-1KG-K](#)

1 kg

[W257001-9KG-K](#)

9 kg

[W257001-20KG-K](#)

20 kg

Hexyl hexanoate

Hexyl caproate

[6378-65-0] FEMA 2572 CH₃(CH₂)₄CO₂(CH₂)₅CH₃ C₁₂H₂₄O₂ FW 200.32 Arc. 1650; *Fen.* 350

► ≥97%, FG

Flavis 9.066 CoE Nr 316

Organoleptic: herbaceous; fruity; green; vegetable Halal, Kosher, NI

[W257206-SAMPLE-K](#)

[W257206-1KG-K](#)

1 kg

[W257206-9KG-K](#)

9 kg

[W257206-20KG-K](#)

20 kg

► natural (US), ≥97%, FG

Kosher

Organoleptic: fruity; vegetable

[W257215-1KG-K](#)

[W257215-SAMPLE-K](#)

[W257215-100G-K](#)

☒ Hexyl 2-hydroxybenzoate, see Hexyl salicylate Page 64

Hexyl isobutyrate

Hexyl-2-methylpropionate

[2349-07-7] FEMA 3172 (CH₃)₂CHCO₂(CH₂)₅CH₃ C₁₀H₂₀O₂ FW 172.26

Organoleptic: grape; wine-like

Arc. 1646; *Fen.* 352

► ≥98%, FG

Flavis 9.478 CoE Nr 646

Halal, Kosher, NI

[W317209-SAMPLE-K](#)

[W317209-1KG-K](#)

1 kg

[W317209-4KG-K](#)

4 kg

[W317209-9KG-K](#)

9 kg

► natural (US), ≥97%, FG

Kosher

[W317215-1KG-K](#)

[W317215-100G-K](#)

[W317215-SAMPLE-K](#)

Hexyl isothiocyanate

Hexyl propionate

[2445-76-3] FEMA 2576 C₂H₅CO₂(CH₂)₅CH₃

C₉H₁₈O₂ FW 158.24

Arc. 1679; *Fen.* 355

► ≥97%, FG

Flavis 9.139 CoE Nr 420

Natural occurrence: Apple, hops, apricot, melon, passion fruit, plum, gruyere cheese, chamomile oil.

Organoleptic: apple; apricot; cheese; creamy; melon; musty; oily; fruity; floral; green; fatty; pear; pineapple; plum; sweet; waxy

Halal, Kosher, NI

[W257605-SAMPLE-K](#)

[W257605-1KG-K](#)

1 kg

[W257605-9KG-K](#)

9 kg

[W257605-20KG-K](#)

20 kg

► natural (US), ≥97%, FG

Kosher

Organoleptic: musty; pear; green; fruity

[W257615-1KG-K](#)

[W257615-SAMPLE-K](#)

[W257615-100G-K](#)

Hexyl 2-methylbutanoate

Hexyl 2-methylbutyrate

[10032-15-2] FEMA 3499

C₂H₅CH(CH₃)CO₂(CH₂)₅CH₃ C₁₁H₂₂O₂ FW 186.29

Arc. 1674; *Fen.* 353

► ≥95%, FCC, FG

Flavis 9.507 CoE Nr 4132

Organoleptic: fruity; green

Halal, Kosher, NI

[W349909-SAMPLE-K](#)

[W349909-1KG-K](#)

1 kg

[W349909-4KG-K](#)

4 kg

[W349909-9KG-K](#)

9 kg

► natural (US), ≥95%, FG

Kosher

Organoleptic: sweet; green; fruity

[W349915-1KG-K](#)

[W349915-100G-K](#)

[W349915-SAMPLE-K](#)

Hexyl 3-methylbutanoate

[10032-13-0] (CH₃)₂CHCH₂CO₂(CH₂)₅CH₃ C₁₁H₂₂O₂

FW 186.29

Arc. 1685; *Fen.* 352

► ≥99%

FEMA 3500 Flavis 9.529 CoE Nr 10692

Organoleptic: apple

NI

[W350001-SAMPLE](#)

[W350001-100G](#)

100 g

[W350001-1KG](#)

1 kg

[W350001-4KG](#)

4 kg

☒ Hexyl 2-methylbutyrate, see Hexyl 2-methylbutanoate Page 64

Hexyl methyl ketone, see 2-Octanone Page 100

Hexyl-2-methylpropionate, see Hexyl isobutyrate Page 64

n-Hexyl mustard oil, see Hexyl isothiocyanate Page 64

Hexyl octanoate

[1117-55-1] CH₃(CH₂)₆CO₂(CH₂)₅CH₃ C₁₄H₂₈O₂

FW 228.37

Arc. 1651; *Fen.* 355

► ≥97%

FEMA 2575 Flavis 9.113 CoE Nr 394

Organoleptic: vegetable; green

Kosher, NI

[W257508-SAMPLE-K](#)

[W257508-1KG-K](#)

1 kg

[W257508-4KG-K](#)

4 kg

[W257508-9KG-K](#)

9 kg

☒ HMF, see 5-(Hydroxymethyl)furfural Page 66

β-Homocycloclital, see 2,6,6-Trimethyl-1-cyclohexene-1-acetaldehyde Page 126

Hydratropaldehyde, see 2-Phenylpropionaldehyde Page 110

Hydratropic aldehyde dimethyl acetal, see 2-Phenylpropionaldehyde dimethyl acetal Page 110

Hydratropyl butyrate, see 2-Phenylpropyl butyrate Page 110

Hydratropyl isobutyrate, see 2-Phenylpropyl isobutyrate Page 110

Hydroxydimethyl

Hydrochloric acid solution

Hydrogen chloride solution
[7647-01-0] HCl HCl FW 36.46

► Muriatic acid
32 wt. % in H₂O, FCC

20 (degrees baume)
Kosher

[W530574](#)

Hydrocinnamaldehyde

3-Phenylpropionaldehyde
[104-53-0] C₆H₅CH₂CH₂CHO C₉H₁₀O FW 134.18
Arc. 2580; Fen. 668

► ≥90%, FCC

FEMA 2887 Flavis 5.08 CoE Nr 2013

Natural occurrence: Cinnamon, tomato, chicken, beer and oregano.

Organoleptic: almond; cherry; chocolate; cinnamon; clove; honey; hyacinth; musty; earthy; herbaceous; peach; plum; strawberry; sweet; vegetable; meaty; spicy

Kosher, NI

[W288705-SAMPLE-K](#)

[W288705-1KG-K](#)

1 kg

[W288705-5KG-K](#)

5 kg

[W288705-10KG-K](#)

10 kg

◻ Hydrocinnamic acid, see 3-Phenylpropionic acid Page 110
Hydrocinnamyl alcohol, see 3-Phenyl-1-propanol Page 110
Hydrocinnamyl isobutyrate, see 3-Phenylpropyl isobutyrate Page 110
Hydrocinnamyl isovalerate, see 3-Phenylpropyl isovalerate Page 110
Hydrocinnamyl propionate, see 3-Phenylpropyl propionate Page 110
Hydrocoumarin, see Dihydrocoumarin Page 35
Hydroquinone dimethyl ether, see 1,4-Dimethoxybenzene Page 36
Hydroquinone monoethyl ether, see 4-Ethoxyphenol Page 42

Hydroxyacetone

NEW

Acetol; 1-Hydroxy-2-propanone
[116-09-6] CH₃COCH₂OH C₃H₆O₂ FW 74.08

► ≥95%, FG

CI 11101 FEMA 4462
Kosher

[W446207-SAMPLE-K](#)

[W446207-1KG-K](#)

1 kg

[W446207-5KG-K](#)

5 kg

2'-Hydroxyacetophenone

2-Acetylphenol
[118-93-4] HOOC₆H₄COCH₃ C₈H₈O₂ FW 136.15
Arc. 1723; Fen. 357

► ≥98%

FEMA 3548 Flavis 7.124 CoE Nr 4136
Organoleptic: hawthorne; herbaceous; sweet

NI

[W354805-SAMPLE](#)

[W354805-1KG-K](#)

1 kg

[W354805-5KG-K](#)

5 kg

[W354805-10KG-K](#)

10 kg

◻ 3a-Hydroxy-5a-androst-16-ene, see 5a-Androst-16-en-3a-ol Page 14
2-Hydroxybenzaldehyde, see Salicylaldehyde Page 118

4-Hydroxybenzaldehyde

[123-08-0] HOCH₂CHO C₇H₆O₂ FW 122.12
Arc. 1726

► ≥97%

FEMA 3984 Flavis 5.047
Kosher

[W398403-SAMPLE-K](#)

[W398403-1KG-K](#)

1 kg

[W398403-5KG-K](#)

5 kg

[W398403-10KG-K](#)

10 kg

◻ Hydroxybenzene, see Phenol Page 108
2-Hydroxybenzoic acid, see Salicylic acid Page 118

4-Hydroxybenzoic acid

[99-96-7] HOCH₂CO₂H C₇H₆O₃ FW 138.12

► ≥99%

FEMA 3986 Flavis 8.04

[W398608](#)

◻ p-Hydroxybenzoic acid n-butyl ester, see Butyl 4-hydroxybenzoate Page 22
p-Hydroxybenzoic acid methyl ester, see Methyl 4-hydroxybenzoate Page 87
2-Hydroxybenzoic acid methyl ester, see Methyl salicylate Page 93
4-Hydroxybenzoic acid propyl ester, see Propyl 4-hydroxybenzoate Page 114

4-Hydroxybenzyl alcohol

[623-05-2] HOCH₂CH₂OH C₇H₈O₂ FW 124.14

► ≥98%

FEMA 3987 Flavis 2.165

[W398705-SAMPLE](#)

[W398705-100G](#)

100 g

[W398705-1KG](#)

1 kg

[W398705-5KG](#)

5 kg

◻ 2-Hydroxybiphenyl, see 2-Phenylphenol Page 109
DL-Hydroxybutanedioic acid, see DL-Malic acid Page 76

4-Hydroxybutanoic acid lactone

4-Hydroxybutyric acid lactone; GBL; γ-Butyrolactone; γ-Hydroxybutyric acid lactone

[96-48-0] C₄H₆O₂ FW 86.09

Arc. 552; Fen. 99

► ≥98%, FCC

FEMA 3291 Flavis 10.006 CoE Nr 615

Organoleptic: caramel

Kosher, NI

[W329118-SAMPLE-K](#)

[W329118-1KG-K](#)

1 kg

[W329118-10KG-K](#)

10 kg

[W329118-25KG-K](#)

25 kg

◻ γ-Hydroxybutyric acid lactone, see 4-Hydroxybutanoic acid lactone Page 65
4-Hydroxybutyric acid lactone, see 4-Hydroxybutanoic acid lactone Page 65

Hydroxycitronellal

[107-75-5] C₁₀H₂₀O₂ FW 172.26

► ≥95%, FCC

FEMA 2583 Flavis 5.012 CoE Nr 100

Organoleptic: lily; sweet

Arc. 1728; Fen. 358

[W258318-SAMPLE](#)

[W258318-1KG](#)

1 kg

[W258318-5KG](#)

5 kg

[W258318-10KG](#)

10 kg

Hydroxycitronellal dimethyl acetal

[141-92-4] C₁₂H₂₀O₃ FW 218.33

► ≥95%, FCC

FEMA 2585 Flavis 6.011 CoE Nr 45

Organoleptic: floral; green

Halal, Kosher

Arc. 1731; Fen. 359

[W258504-SAMPLE-K](#)

[W258504-1KG-K](#)

1 kg

[W258504-5KG-K](#)

5 kg

[W258504-10KG-K](#)

10 kg

◻ 5-Hydroxy-2,4-decadienoic acid γ-lactone, see 6-Amyl-α-pyrone Page 13
4-Hydroxydecanoic acid γ-lactone, see γ-Decalactone Page 32

5-Hydroxydecanoic acid δ-lactone, see δ-Decalactone Page 33

4-Hydroxy-3,5-dimethoxybenzaldehyde, see Syringaldehyde Page 120

4-Hydroxy-2,5-dimethyl-3(2H)-furanone

Furanol; 2,5-Dimethyl-4-hydroxy-3(2H)-furanone; Strawberry furanone

[3658-77-3] FEMA 3174 Flavis 13.01 CoE Nr 536

C₆H₈O₃ FW 128.13

Arc. 1025; Fen. 363

► ≥98%, FCC, FG

Organoleptic: strawberry; sweet

Halal, Kosher, NI

[W317403-SAMPLE-K](#)

[W317403-100G-K](#)

100 g

[W317403-1KG-K](#)

1 kg

► natural, ≥98%, FG

Halal, Kosher

[W317454-SAMPLE-K](#)

[W317454-100G-K](#)

100 g

[W317454-1KG-K](#)

1 kg

4-Hydroxy-2,5-dimethyl-3(2H)-furanone solution

[3658-77-3] C₆H₈O₃ FW 128.13

► 10 wt. % in propylene glycol

FEMA 3174 Flavis 13.01

Natural Occurrence: Coffee, grape, malt, pineapple, raspberry, roasted almond, roasted filbert and strawberry, fermented soy sauce, guava.

Organoleptic: almond; caramel; grape; meaty; coffee

Kosher

[W317411-SAMPLE-K](#)

[W317411-1KG-K](#)

1 kg

[W317411-5KG-K](#)

5 kg

[W317411-10KG-K](#)

10 kg

Hydroxydodecano

5-Hydroxydodecanoic acid δ-lactone, see δ-Dodecalactone Page 41
2-Hydroxyethyl methyl sulfide, see 2-(Methylthio)ethanol Page 94
5-(2-Hydroxyethyl)-4-methylthiazole, see 4-Methyl-5-thiazoleethanol Page 94
4'-Hydroxy-3'-methoxyacetophenone, see Acetovanillone Page 8
4-Hydroxy-3-methoxybenzaldehyde, see Vanillin Page 129
4-Hydroxy-3-methoxybenzoic acid, see Vanillic acid Page 129
4-Hydroxy-3-methoxybenzyl alcohol, see Vanillyl alcohol Page 129
trans-4-Hydroxy-3-methoxycinnamic acid, see Ferulic acid Page 52
4-Hydroxy-3-methoxytoluene, see 2-Methoxy-4-methylphenol Page 79
2-Methoxy-4-methylphenol Page 79
2-Hydroxy-5-methylanisole, see 2-Methoxy-4-methylphenol Page 79

2-Hydroxy-4-methylbenzaldehyde

[698-27-1] HOCH ₃ (CH ₃)CHO C ₈ H ₈ O ₂ FW 136.15
Fen. 365
► ≥98%
FEMA 3697 Flavis 5.091 CoE Nr 2130
Kosher
W369705-SAMPLE-K
W369705-25G-K 25 g
W369705-100G-K 100 g
W369705-1KG-K 1 kg

3-Hydroxy-3-methyl-1-butene, see 2-Methyl-3-butene-2-ol Page 83
5-Hydroxymethyl-2-furaldehyde, see 5-(Hydroxymethyl)furfural Page 66
2-(Hydroxymethyl)furan, see Furfuryl alcohol Page 53
5-Hydroxymethyl-2-furancarboxaldehyde, see 5-(Hydroxymethyl)furfural Page 66

4-Hydroxy-5-methyl-3-furanone

[19322-27-1] C ₄ OH ₂ OCH ₃ OH C ₅ H ₆ O ₃ FW 114.10
► 97%
FEMA 3635 Flavis 13.085
Kosher
W363501-SAMPLE
W363501-SAMPLE-K
W363501-25G-K 25 g
W363501-100G-K 100 g
W363501-1KG-K 1 kg

5-(Hydroxymethyl)furfural

5-Hydroxymethyl-2-furancarboxaldehyde; 5-Hydroxymethyl-2-furaldehyde; HMF [67-47-0] C ₆ H ₆ O ₃ FW 126.11
Arc. 1751
► ≥99%
Flavis 13.139
Organoleptic: butter; caramel; musty Kosher
W501808-1G-K 1 g
W501808-25G-K 25 g
W501808-100G-K 100 g
W501808-1KG-K 1 kg

4-(2-Hydroxy-5-methylphenylazo)acetanilide, see Disperse Yellow 3 Page 41
N-[4-(2-Hydroxy-5-methylphenylazo)phenyl]acetamide, see Disperse Yellow 3 Page 41
3-Hydroxy-2-methyl-4-pyrone, see Maltol Page 77
3-Hydroxy-2-methyl-4-pyrone solution, see Maltol solution Page 77
(+)-1-Hydroxyneodihydrocarveol, see (1S,2S,4R)-(+)-Limonene-1,2-diol Page 75
5-Hydroxy-3-nonalactone, see δ-Nonalactone Page 98
4-Hydroxy octanoic acid, see γ-Octalactone Page 100
15-Hydroxypentadecanoic acid lactone, see ω-Pentadecalactone Page 104
4-Hydroxypentanoic acid lactone, see (±)-γ-Valerolactone Page 128
4-Hydroxy-3-pentenoic acid γ-lactone, see α-Angelica lactone Page 14
4-Hydroxyphenethylamine, see Tyramine Page 127
3-(4-Hydroxyphenyl)-L-alanine, see L-Tyrosine Page 127
7-Hydroxy-8-(4-phenylazophenylazo)-1,3-naphthalenedisulfonic acid disodium salt, see Acid Red 73 Page 10

4-(4-Hydroxyphenyl)-2-butanone

Raspberry ketone [5471-51-2] FEMA 2588 Flavis 7.055 CoE Nr 755 HOCH ₃ CH ₂ CH ₂ COCH ₃ C ₁₀ H ₁₂ O ₂ FW 164.20
Arc. 1760; Fen. 369
► ≥98%, FCC
Organoleptic: fruity; raspberry; sweet Kosher, NI
W258806-SAMPLE-K
W258806-250G-K 250 g
W258806-1KG-K 1 kg
W258806-5KG-K 5 kg

► natural (US), ≥98%, FCC, FG

Halal, Kosher
Organoleptic: raspberry; sweet

W258814-SAMPLE-K
W258814-25G-K 25 g
W258814-100G-K 100 g
W258814-1KG-K 1 kg

5-[(1E)-2-(4-Hydroxyphenyl)ethenyl]-1,3-benzenediol, see Resveratrol Page 117
2-(4-Hydroxyphenyl)ethylamine, see Tyramine Page 127
1-Hydroxy-2-propanone, see Hydroxyacetone Page 65
2-Hydroxypropiionic acid, see Lactic acid Page 74
(+)-2-Hydroxysuccinic acid, see D,L-Malic acid Page 76
3-Hydroxy-3,7,11-trimethyl-1,6,10-dodecatriene, see Nerolidol Page 96
2-Hydroxy-m-xylene, see 2,6-Xylenol Page 130
2-Hydroxy-p-xylene, see 2,5-Xylenol Page 130
4-Hydroxy-o-xylene, see 3,4-Xylenol Page 130
4-Hydroxy-m-xylene, see 2,4-Xylenol Page 130

Hyssop oil

Hyssopus officinalis [8006-83-5]
► Certified organic (NOP/EU)
FEMA 2591
Kosher
W259105-SAMPLE-K
W259105-1KG-K 1 kg

Hyssopus officinalis, see Hyssop oil Page 66
Illicium verum, see Anise star oil Page 14
Imidole, see Pyrrole Page 116

Immortelle absolute

Helichrysum oil [90045-56-0]

► natural

FEMA 2592 from *Helichrysum angustifolium*

Kosher

Organoleptic: spicy; woody

[W259200-SAMPLE-K](#)

[W259200-100G-K](#) 100 g

[W259200-500G-K](#) 500 g

NEW

Indole

1H-Benz[b]pyrrole

[120-72-9] C₈H₇N FW 117.15

► ≥99%, FCC

FEMA 2593 Flavis 14.007 CoE Nr 560

Natural occurrence: Burley tobacco, butter, coffee, dried bonito, egg, fish, malt, rum, tea, and wine.

Organoleptic: butter; cheese; chocolate; grape; honey; jasmine; musty; floral; fatty; vanilla; fishy; wine-like; animal; earthy; vegetable

Kosher, NI

[W259306-SAMPLE-K](#)

[W259306-100G-K](#) 100 g

[W259306-1KG-K](#) 1 kg

[W259306-10KG-K](#) 10 kg

[W259306-25KG-K](#) 25 kg

N-[2-(3-Indolyl)ethyl]docosanoic acid tryptamide Page 41
N-[2-(3-Indolyl)ethyl]heptadecanamide, see Heptadecanoic acid tryptamide Page 57
N-[2-(3-Indolyl)ethyl]hexacosanamide, see Hexacosanoic acid tryptamide Page 59
N-[2-(3-Indolyl)ethyl]tetracosanamide, see Tetracosanoic acid tryptamide Page 122
N-[2-(3-Indolyl)ethyl]tricosanamide, see Tricosanoic acid tryptamide Page 125

a-Ionone

4-(2,6,6-Trimethyl-2-cyclohexenyl)-3-buten-2-one [127-41-3] FEMA 2594 Flavis 7.007 CoE Nr 141 C₁₃H₂₀O FW 192.30

Halal, Kosher

Arc. 1777; Fen. 373

► ≥90%, FG

Organoleptic: berry; cherry; woody; raspberry; violet

[W259403-SAMPLE-K](#)

[W259403-100G-K](#) 100 g

[W259403-1KG-K](#) 1 kg

[W259403-5KG-K](#) 5 kg

► natural (US), ≥84%, FG

[W259411-SAMPLE-K](#)

[W259411-25G-K](#) 25 g

[W259411-100G-K](#) 100 g

[W259411-1KG-K](#) 1 kg

Isoamylisobutyr

β-Ionone

4-(2,6,6-Trimethyl-1-cyclohexenyl)-3-buten-2-one
[79-77-6] C₁₃H₂₀O FW 192.30
Arc. 1778; Fen. 373

► predominantly *trans*, ≥97%, FCC
FEMA 2595 CoE Nr 142

Natural occurrence: Tobacco, grape, grape brandy, orange juice, papaya, peach, raspberry, roasted almond, tea and spearmint.

Kosher, NI

Organoleptic: almond; balsam; berry; grape; jam; orange; fruity; woody; floral; peach; raspberry; rose; sweet; violet; minty; wine-like; vegetable

W259500-SAMPLE-K

W259500-1KG-K	1 kg
W259500-10KG-K	10 kg
W259500-20KG-K	20 kg

▣ IPA, see Isopropyl alcohol Page 71
IPM, see Isopropyl myristate Page 72
IPM-R, see Isopropyl myristate Page 72
IPM 100, see Isopropyl myristate Page 72
IPM-EX, see Isopropyl myristate Page 72

Isoamyl acetate

Isopentyl acetate; Acetic acid 3-methylbutyl ester
[123-92-2] FEMA 2055 Flavis 9.024 CoE Nr 214
CH₃COOCH₂CH₂CH(CH₃)₂ C₇H₁₄O₂ FW 130.18
Arc. 119; Fen. 375

► ≥95%, 70% isoamyl acetate basis, FCC, FG
Organoleptic: banana; pear
Halal, Kosher, NI

2-methylbutyl acetate 30%
W205508-SAMPLE-K	
W205508-1KG-K	1 kg
W205508-4KG-K	4 kg
W205508-9KG-K	9 kg
W205508-20KG-K	20 kg

► natural, ≥97%, FCC, FG

Halal, Kosher
Organoleptic: banana; sweet

W205532-SAMPLE-K

W205532-1KG-K	1 kg
W205532-4KG-K	4 kg
W205532-9KG-K	9 kg
W205532-20KG-K	20 kg

Isoamyl alcohol

3-Methyl-1-butanol; Isopentyl alcohol
[123-51-3] FEMA 2057 Flavis 2.003 CoE Nr 51
(CH₃)₂CHCH₂CH₂OH C₅H₁₂O FW 88.15
Organoleptic: oily; whiskey

Halal, Kosher
Arc. 126; Fen. 376

► ≥98%

W205702-SAMPLE-K

W205702-1KG-K	1 kg
W205702-4KG-K	4 kg
W205702-8KG-K	8 kg
W205702-20KG-K	20 kg

► natural, ≥98%, FG

W205710-SAMPLE-K

W205710-1KG-K	1 kg
W205710-4KG-K	4 kg
W205710-8KG-K	8 kg
W205710-20KG-K	20 kg

▣ Isoamylamine, see Isopentylamine Page 71

Isoamyl benzoate

[94-46-2] C₆H₅CO₂CH₂CH₂CH(CH₃)₂ C₁₂H₁₆O₂
FW 192.25

Arc. 132; Fen. 376

► ≥98%, FCC

FEMA 2058 Flavis 9.755 CoE Nr 562

Organoleptic: sweet

Kosher, NI

2-methylbutyl benzoate 30%

W205818-SAMPLE-K

W205818-1KG-K	1 kg
W205818-5KG-K	5 kg
W205818-10KG-K	10 kg

Isoamyl butyrate

[106-27-4] FEMA 2060 Flavis 9.055 CoE Nr 282
CH₃CH₂CH₂CO₂CH₂CH₂CH(CH₃)₂ C₉H₁₈O₂
FW 158.24

Arc. 137; Fen. 377

► ≥98%, FCC, FG

Organoleptic: apricot; banana; pineapple

Halal, Kosher, NI

W206008-SAMPLE-K

W206008-1KG-K	1 kg
W206008-9KG-K	9 kg
W206008-20KG-K	20 kg

► natural, ≥98%, 80% isoamyl butyrate basis, FCC

Natural Occurrence: Melon, papaya, hop oil, grape brandy, bourbon whiskey, honey, jack fruit.

Halal, Kosher

Organoleptic: apple; banana; berry; honey; hop oil; melon; papaya; tropical; whiskey; green

2-methylbutyl butyrate 20%

W206016-SAMPLE-K

W206016-100G-K	100 g
W206016-1KG-K	1 kg
W206016-4KG-K	4 kg
W206016-20KG-K	20 kg

▣ Isoamyl caprylate, see Isoamyl octanoate Page 68

Isoamyl cinnamate

Isoamyl 3-phenyl propenoate

[7779-65-9] FEMA 2063 Flavis 9.742 CoE Nr 335
C₆H₅CH=CHCO₂CH₂CH₂CH(CH₃)₂ C₁₄H₁₈O₂
FW 218.29

Organoleptic: chocolate

Arc. 147; Fen. 377

► ≥97%

Halal, Kosher

W206318-SAMPLE-K

W206318-1KG-K	1 kg
W206318-10KG-K	10 kg
W206318-25KG-K	25 kg

► natural, ≥97%

Kosher

W206326-SAMPLE-K

W206326-100G-K	100 g
W206326-1KG-K	1 kg
W206326-5KG-K	5 kg

Isoamyl formate

Isopentyl formate

[110-45-2] HCOOC₂CH₂CH(CH₃)₂ C₆H₁₂O₂
FW 116.16

Arc. 173; Fen. 378

► mixture of isomers, ≥97%, FG

FEMA 2069 Flavis 9.162 CoE Nr 500

Organoleptic: plum

Halal, NI

W206903-SAMPLE

W206903-1KG	1 kg
W206903-9KG	9 kg
W206903-20KG	20 kg
W206903-50KG	50 kg

Isoamyl hexanoate, mixture of isomers

C₁₁H₂₂O₂ FW 186.29

► ≥98%, FCC, FG

FEMA 2075 Flavis 9.07 CoE Nr 320

Organoleptic: apple; green; pineapple; sweet
Halal, Kosher, NI

W207500-SAMPLE-K

W207500-1KG-K	1 kg
W207500-9KG-K	9 kg
W207500-20KG-K	20 kg

Isoamyl hexanoate, mixture of isomers

C₁₁H₂₂O₂ FW 186.29

Arc. 143; Fen. 379

► natural, ≥98%

FEMA 2075 Flavis 9.07 CoE Nr 320

Organoleptic: apple; pineapple; sweet; green
Kosher

W207519-SAMPLE-K

W207519-100G-K	100 g
W207519-1KG-K	1 kg
W207519-4KG-K	4 kg
W207519-20KG-K	20 kg

Isoamyl isobutyrate

[2050-01-3] FEMA 3507 Flavis 9.419

(CH₃)₂CHCO₂CH₂CH(R)CH(R)CH₃, R=H or CH₃

C₁₈H₃₆O₄ FW 316.48

Organoleptic: apricot; honey

Halal, Kosher

Arc. 138; Fen. 483

► ≥98%, FG

CoE Nr 294

2-methylbutyl isobutyrate 30%

W350702-SAMPLE-K

W350702-1KG-K	1 kg
W350702-4KG-K	4 kg
W350702-9KG-K	9 kg
W350702-20KG-K	20 kg

► natural, 98%, 70% isoamyl isobutyrate basis

W350710-SAMPLE-K

W350710-100G-K	100 g
W350710-1KG-K	1 kg
W350710-4KG-K	4 kg
W350710-20KG-K	20 kg

Isoamylisovaler

Isoamyl isovalerate

[659-70-1] FEMA 2085 Flavis 9.463 CoE Nr 458
 $\text{CH}_3(\text{CH}_2)_2\text{CHCH}_2\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)_2$ C₁₀H₂₀O₂
 FW 172.26
 Arc. 229; Fen. 380
 2-methylbutyl isovalerate <30%

► ≥98%, FCC

Organoleptic: apple; apricot; mango; sweet
 Halal, Kosher, NI

W208507-SAMPLE-K

W208507-1KG-K	1 kg
W208507-9KG-K	9 kg
W208507-20KG-K	20 kg

► natural, ≥98%, FCC

Organoleptic: apple; apricot; banana; mango;
 sweet; green; wine-like
 Halal, Kosher

W208515-SAMPLE-K

W208515-100G-K	100 g
W208515-1KG-K	1 kg
W208515-4KG-K	4 kg

Isoamyl laurate

[6309-51-9] CH₃(CH₂)₁₀CO₂CH₂CH₂CH(CH₃)₂
 C₁₇H₃₄O₂ FW 270.45
 Arc. 191; Fen. 381

► ≥97%

FEMA 2077 Flavis 9.103 CoE Nr 379

Natural occurrence: Rum, malt, whiskey, white and
 plum wines, beer, grape brandy.
Organoleptic: beer; brandy; creamy; grape; wine-like;
 waxy; plum; rum
 NI

W207705-SAMPLE

W207705-100G	100 g
W207705-1KG	1 kg
W207705-4KG	4 kg

☒ Isoamyl mercaptan, see 3-Methyl-1-butanol Page 82
 Isoamyl 2-methylbutyrate, see 3-Methylbutyl 2-methylbutanoate Page 84

Isoamyl nonanoate

[7779-70-6] CH₃(CH₂)₇CO₂CH₂CH₂CH(CH₃)₂
 C₁₄H₂₈O₂ FW 228.37
 Arc. 200; Fen. 381

► ≥96%

FEMA 2078 Flavis 9.11 CoE Nr 391

Organoleptic: apricot; floral
 NI

W207802-SAMPLE

W207802-1KG	1 kg
W207802-4KG	4 kg
W207802-9KG	9 kg

Isoamyl octanoate

Isoamyl caprylate
 [2035-99-6] FEMA 2080 Flavis 9.12 CoE Nr 401
 $\text{CH}_3(\text{CH}_2)_6\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}(\text{CH}_3)_2$ C₁₃H₂₆O₂
 FW 214.34

Arc. 145; Fen. 382

► ≥98%

Natural occurrence: Scotch, whiskey, bourbon
 whiskey, wine, banana, apple and strawberry.
Organoleptic: apple; coconut; green; waxy; fruity;
 pineapple; sweet
 NI

W208000-SAMPLE

W208000-1KG	1 kg
W208000-4KG	4 kg
W208000-9KG	9 kg

► natural, ≥98%

mixture of isoamyl octanoate and 2-methylbutyl octanoate

Organoleptic: fruity
 Halal

W208019-SAMPLE

W208019-100G	100 g
W208019-1KG	1 kg
W208019-4KG	4 kg

☒ Isoamyl 3-phenyl propenoate, see Isoamyl cinnamate
 Page 67
 Isoamyl propionate, see Isoamyl propionate, mixture of
 isomers Page 68

Isoamyl propionate

Amyl propionate
 [105-68-0] C₂H₅CO₂CH₂CH₂CH(CH₃)₂ C₈H₁₆O₂
 FW 144.21

Arc. 213; Fen. 383

► ≥98%, FCC

FEMA 2082 Flavis 9.136 CoE Nr 417

Natural occurrence: Fresh apple, tomato, white and
 red wine, apple wine.
Organoleptic: apple; apricot; banana; citrus; pine-
 apple; tomato; wine-like
 NI

W208205-SAMPLE

W208205-1KG	1 kg
W208205-4KG	4 kg
W208205-9KG	9 kg

Isoamyl propionate, mixture of isomers

Isoamyl propionate; Amyl propionate
 [105-68-0] C₂H₅CO₂CH₂CH₂CH(CH₃)₂ C₈H₁₆O₂
 FW 144.21

Arc. 213; Fen. 383

► natural, ≥98%, FCC

FEMA 2082 Flavis 9.136 CoE Nr 417

Kosher
Organoleptic: apple; pear

W208213-SAMPLE-K

W208213-100G-K	100 g
W208213-1KG-K	1 kg
W208213-4KG-K	4 kg

Isoamyl pyruvate

[7779-72-8] CH₃COCO₂CH₂CH₂CH(CH₃)₂ C₈H₁₄O₃
 FW 158.19

Arc. 217; Fen. 383

► ≥97%

FEMA 2083 Flavis 9.443 CoE Nr 431

W208302-SAMPLE

W208302-25G	25 g
W208302-100G	100 g
W208302-1KG	1 kg

Isoamyl salicylate

[87-20-7] 2-(HO)C₆H₄CO₂CH₂CH₂CH(CH₃)₂
 C₁₂H₁₆O₃ FW 208.25

Arc. 218; Fen. 384

► mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC

FEMA 2084 Flavis 9.751 CoE Nr 435

Organoleptic: grape; green; floral; herbaceous;
 sweet; wintergreen; wine-like; soapy; spicy

W208418-SAMPLE

W208418-1KG	1 kg
W208418-10KG	10 kg
W208418-25KG	25 kg

Isoamyl tiglate

[41519-18-0] CH₃CH=C(CH₃)CO₂CH₂CH₂CH(CH₃)₂
 C₁₀H₁₈O₂ FW 170.25

Arc. 225

► ≥97%

Organoleptic: fruity; wine-like

W501018-SAMPLE

W501018-100G	100 g
W501018-1KG	1 kg
W501018-4KG	4 kg

d-Isoascorbic acid

d-(–)-Isoascorbic acid; d-erythro-Hex-2-enoic acid
 γ-lactone; d-Araboascorbic acid; Erythorbic acid

[89-65-6] C₆H₈O₆ FW 176.12

Arc. 1130; Fen. 209

► ≥99%, FCC

FEMA 2410 CoE Nr 30c

Kosher

W241008-SAMPLE-K

W241008-1KG-K	1 kg
W241008-5KG-K	5 kg
W241008-10KG-K	10 kg

☒ d-(–)-Isoascorbic acid, see d-Isoascorbic acid Page 68
 1-isobenzofuranone, see Phthalide Page 111

Isoborneol

[124-76-5] C₁₀H₁₈O FW 154.25

► ≥95%

FEMA 2158 Flavis 2.059 CoE Nr 2020

Organoleptic: vanilla; woody

Kosher, NI

contains 200 ppm BHT as stabilizer

Fen. 384

W215805-SAMPLE-K

W215805-1KG-K	1 kg
W215805-5KG-K	5 kg
W215805-10KG-K	10 kg

Isobutylformate

Isobornyl acetate

[125-12-2] C₁₂H₂₀O₂ FW 196.29

Arc. 354; Fen. 385

► ≥90%

FEMA 2160 Flavis 9.218 CoE Nr 2066

Kosher

[W216003-SAMPLE-K](#)

[W216003-1KG-K](#) 1 kg

[W216003-10KG-K](#) 10 kg

[W216003-25KG-K](#) 25 kg

Isobornyl propionate

[2756-56-1] C₁₃H₂₂O₂ FW 210.31

Arc. 363; Fen. 386

► ≥92%

FEMA 2163 Flavis 9.131 CoE Nr 412

Kosher

Organoleptic: herbaceous; floral; vanilla

[W216305-SAMPLE-K](#)

[W216305-1KG-K](#) 1 kg

[W216305-10KG-K](#) 10 kg

[W216305-25KG-K](#) 25 kg

▣ Isobutanol, see Isobutyl alcohol Page 69

Isobutyl acetate

[110-19-0] FEMA 2175 Flavis 9.005

CH₃COOCH₂CH(CH₃)₂ C₆H₁₂O₂ FW 116.16

Arc. 383; Fen. 387

► ≥98%, FCC, FG

CoE Nr 195

Natural occurrence: Apple, banana, cocoa, fig, grape, grape brandy, pear, pineapple, sherry, strawberry and wine.

Organoleptic: apple; banana; ethereal; pear; pine-apple; sweet

Halal, Kosher, NI

[W217506-SAMPLE-K](#)

[W217506-1KG-K](#) 1 kg

[W217506-4KG-K](#) 4 kg

[W217506-9KG-K](#) 9 kg

[W217506-20KG-K](#) 20 kg

► natural, ≥97%, FCC, FG

CoE Nr 195c

Natural Occurrence: Apple, banana, cocoa, fig, grape, grape brandy, pear, pineapple, sherry, strawberry and wine.

Halal, Kosher

Organoleptic: apple; banana; pear; pineapple; sweet; wine-like; minty

[W217514-SAMPLE-K](#)

[W217514-1KG-K](#) 1 kg

[W217514-4KG-K](#) 4 kg

[W217514-9KG-K](#) 9 kg

Isobutyl alcohol

Isobutanol; 2-Methyl-1-propanol

[78-83-1] FEMA 2179 Flavis 2.001 CoE Nr 49
(CH₃)₂CHCH₂OH C₄H₁₀O FW 74.12

Arc. 390; Fen. 388

► ≥99%, FCC, FG

Organoleptic: fruity; wine-like

Halal, Kosher, NI

[W217905-SAMPLE-K](#)

[W217905-1KG-K](#) 2 kg

[W217905-8KG-K](#) 8 kg

[W217905-20KG-K](#) 20 kg

► natural, ≥99%, FCC

Kosher

[W217913-SAMPLE-K](#)

[W217913-1KG-K](#) 1 kg

[W217913-4KG-K](#) 4 kg

[W217913-8KG-K](#) 8 kg

Isobutylamine

1-Amino-2-methylpropane

[78-81-9] (CH₃)₂CHCH₂NH₂ C₄H₁₁N FW 73.14

► 99%

FEMA 4239 Flavis 11.002

NI

[W423901-SAMPLE](#)

[W423901-1KG](#) 1 kg

Isobutyl angelate

[7779-81-9] CH₃CH=C(CH₃)CO₂CH₂CH(CH₃)₂

C₉H₁₆O₂ FW 156.22

Arc. 396; Fen. 388

FEMA 2180 Flavis 9.408 CoE Nr 247

Organoleptic: sweet; vegetable available only in EU

[W218006](#)

Isobutyl benzoate

[120-50-3] C₆H₅CO₂CH₂CH(CH₃)₂ C₁₁H₁₄O₂

FW 178.23

Arc. 404; Fen. 389

► ≥98%

FEMA 2185 Flavis 9.757 CoE Nr 567

Organoleptic: chocolate; floral; rose Kosher, NI

[W218502-SAMPLE-K](#)

[W218502-1KG-K](#) 1 kg

[W218502-5KG-K](#) 5 kg

[W218502-10KG-K](#) 10 kg

Isobutyl trans-2-butenoate

Isobutyl crotonate

[73545-15-0] CH₃CH=CHCO₂CH₂CH(CH₃)₂
C₈H₁₄O₂ FW 142.20

Fen. 390

► ≥98%, FCC

FEMA 3432 Flavis 9.273 CoE Nr 10706

Organoleptic: fruity Kosher, NI

[W343218-SAMPLE-K](#)

[W343218-100G-K](#) 100 g

[W343218-1KG-K](#) 1 kg

[W343218-4KG-K](#) 4 kg

Isobutyl butyrate

[539-90-2] FEMA 2187 Flavis 9.043

CH₃CH₂CH₂CO₂CH₂CH(CH₃)₂ C₈H₁₆O₂ FW 144.21

Arc. 414; Fen. 390

► ≥98%, FCC, FG

CoE Nr 269

Organoleptic: fruity; ethereal

Halal, Kosher, NI

[W218707-SAMPLE-K](#)

[W218707-1KG-K](#) 1 kg

[W218707-9KG-K](#) 9 kg

[W218707-20KG-K](#) 20 kg

► natural, ≥98%, FCC

CoE Nr 269c

Kosher

[W218715-SAMPLE-K](#)

[W218715-100G-K](#) 100 g

[W218715-1KG-K](#) 1 kg

[W218715-4KG-K](#) 4 kg

▣ Isobutyl caproate, see Isobutyl hexanoate Page 69

Isobutyl cinnamate

[122-67-8] C₆H₅CH=CHCO₂CH₂CH(CH₃)₂ C₁₃H₁₆O₂
FW 204.26

► ≥98%, FCC, FG

FEMA 2193 Flavis 9.734 CoE Nr 327

Organoleptic: fruity; peach; sweet

Halal, Kosher

Arc. 424

[W219304-SAMPLE-K](#)

[W219304-100G-K](#) 100 g

[W219304-1KG-K](#) 1 kg

[W219304-5KG-K](#) 5 kg

[W219304-10KG-K](#) 10 kg

▣ Isobutyl crotonate, see Isobutyl trans-2-butenoate Page 69

5-Isobutyl-2,3-dimethylpyrazine

NEW

2,3-Dimethyl-5-(2-methylpropyl)pyrazine; 2,3-Dimethyl-5-isobutylpyrazine

[54410-83-2] C₁₀H₁₆N₂ FW 164.25

► 97%

Kosher

[W530526-SAMPLE-K](#)

[W530526-100G-K](#) 100 g

[W530526-500G-K](#) 500 g

Isobutyl formate

[542-55-2] HCO₂CH₂CH(CH₃)₂ C₅H₁₀O₂ FW 102.13

Arc. 453; Fen. 392

► ≥95%, FG

FEMA 2197 Flavis 9.164 CoE Nr 502

Natural occurrence: Apple, beer, grape brandy, pineapple, rum and vinegar.

Organoleptic: fruity; ethereal; sweet

Halal, Kosher, NI

[W219703-SAMPLE-K](#)

[W219703-1KG-K](#) 1 kg

[W219703-9KG-K](#) 9 kg

[W219703-20KG-K](#) 20 kg

Isobutylhexanoa

Isobutyl hexanoate

Isobutyl caproate
 [105-79-3] FEMA 2202 Flavis 9.064
 $\text{CH}_3(\text{CH}_2)_4\text{CO}_2\text{CH}_2\text{CH}(\text{CH}_3)_2 \quad \text{C}_{10}\text{H}_{20}\text{O}_2$ FW 172.26
 Arc. 420; Fen. 394

► ≥98%

CoE Nr 314
Organoleptic: apple; chocolate; pineapple; sweet; green
 NI

[W220205-SAMPLE](#)[W220205-1KG](#)[W220205-9KG](#)[W220205-20KG](#)

1 kg

9 kg

20 kg

► natural, ≥95%

CoE Nr 314c
Organoleptic: apple
 Halal, Kosher

[W220213-SAMPLE-K](#)[W220213-100G-K](#)

100 g

[W220213-1KG-K](#)

1 kg

[W220213-4KG-K](#)

4 kg

Isobutyl isobutyrate

[97-85-8] $(\text{CH}_3)_2\text{CHCO}_2\text{CH}_2\text{CH}(\text{CH}_3)_2 \quad \text{C}_8\text{H}_{16}\text{O}_2$
 FW 144.21
 Arc. 415; Fen. 394

► ≥97%

FEMA 2189 Flavis 9.417 CoE Nr 292
Organoleptic: grape; ethereal
 Kosher
 NI

[W218901-SAMPLE-K](#)[W218901-1KG-K](#)

1 kg

[W218901-4KG-K](#)

4 kg

[W218901-9KG-K](#)

9 kg

☒ Isobutyl mercaptan, see 2-Methyl-1-propanethiol Page 92

2-Isobutyl-3-methoxypyrazine

[24683-00-9] $\text{C}_9\text{H}_{14}\text{N}_2\text{O}$ FW 166.22
 Fen. 395

► ≥99%, FG

FEMA 3132 Flavis 14.043 CoE Nr 11338
Organoleptic: green; pepper; vegetable
 Halal, Kosher, NI

[W313203-SAMPLE-K](#)[W313203-100G-K](#)

100 g

[W313203-500G-K](#)

500 g

[W313203-1KG-K](#)

1 kg

2-Isobutyl-4-methyl-1,3-dioxolane

NEW

[18433-93-7] $\text{C}_8\text{H}_{16}\text{O}_2$ FW 144.21

► mixture of isomers, ≥97%

FEMA 4286 Flavis 6.135
 Possible applications: Italian cheeses, dairy applications, apple, pineapple and cocoa nuances.¹

Organoleptic: apple; creamy; musty; pineapple; woody
 Lit. cited: 1. Gerard Mosciano, *Perfum. Flavor.* 34 (1), 58-59 (2009)

[W428600-SAMPLE](#)[W428600-1KG](#)

1 kg

☒ Isobutyl methyl ketone, see 4-Methyl-2-pentanone
 Page 91

2-Isobutyl-3-methylpyrazine

[13925-06-9] $\text{C}_9\text{H}_{14}\text{N}_2$ FW 150.22
 Fen. 395

► ≥99%

FEMA 3133 Flavis 14.044
 Halal, Kosher

[W313300-SAMPLE-K](#)[W313300-25G-K](#)

25 g

[W313300-100G-K](#)

100 g

[W313300-1KG-K](#)

1 kg

α-Isobutylphenethyl alcohol

4-Methyl-1-phenyl-2-pentanol

[7779-78-4] $\text{C}_{12}\text{H}_{15}\text{O}$ FW 178.27

Arc. 407; Fen. 396

► 98%

FEMA 2208 Flavis 2.065 CoE Nr 2031c
Organoleptic: musty; herbaceous; green; floral

[W220841-25G](#)

25 g

[W220841-100G](#)

100 g

Isobutyl phenylacetate

[102-13-6] $\text{C}_6\text{H}_5\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}(\text{CH}_3)_2 \quad \text{C}_{12}\text{H}_{16}\text{O}_2$
 FW 192.25

Arc. 510; Fen. 396

► ≥98%, FCC

FEMA 2210 Flavis 9.788 CoE Nr 2160

Natural occurrence: Cocoa.

Organoleptic: chocolate; honey; musty; waxy; woody; spicy

Halal, Kosher

[W221007-SAMPLE-K](#)[W221007-1KG-K](#)

1 kg

[W221007-10KG-K](#)

10 kg

[W221007-25KG-K](#)

25 kg

Isobutyl propionate

[540-42-1] $\text{CH}_3\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}(\text{CH}_3)_2 \quad \text{C}_7\text{H}_{14}\text{O}_2$
 FW 130.18

Arc. 520; Fen. 397

► ≥98%

FEMA 2212 Flavis 9.125 CoE Nr 406

Organoleptic: floral

Kosher, NI

[W221201-SAMPLE-K](#)[W221201-1KG-K](#)

1 kg

[W221201-4KG-K](#)

4 kg

[W221201-9KG-K](#)

9 kg

Isobutyl salicylate

[87-19-4] $\text{C}_{11}\text{H}_{14}\text{O}_3$ FW 194.23

► ≥98%, FCC

FEMA 2213 Flavis 9.75 CoE Nr 434

Halal, Kosher

Arc. 530

[W221309-SAMPLE-K](#)[W221309-1KG-K](#)

1 kg

[W221309-5KG-K](#)

5 kg

[W221309-10KG-K](#)

10 kg

2-Isobutylthiazole

[18640-74-9] $\text{C}_7\text{H}_{11}\text{NS}$ FW 141.23

Fen. 398

► ≥99%, FG

FEMA 3134 Flavis 15.013 CoE Nr 4143

Halal, Kosher

Organoleptic: green; vegetable

NI

[W313408-SAMPLE-K](#)[W313408-100G-K](#)

100 g

[W313408-250G-K](#)

250 g

[W313408-1KG-K](#)

1 kg

[W313408-5KG-K](#)

5 kg

Isobutyraldehyde

2-Methylpropionaldehyde

[78-84-2] FEMA 2220 Flavis 5.004 $(\text{CH}_3)_2\text{CHCHO}$
 $\text{C}_4\text{H}_8\text{O}$ FW 72.11

Arc. 548; Fen. 398

► ≥98%

CoE Nr 92

Organoleptic: banana

Kosher, NI

[W222003-SAMPLE-K](#)[W222003-1KG-K](#)

1 kg

[W222003-4KG-K](#)

4 kg

[W222003-8KG-K](#)

8 kg

[W222003-20KG-K](#)

20 kg

► natural, 96%, FG

CoE Nr 92c

Halal, Kosher

[W222011-SAMPLE-K](#)[W222011-25G-K](#)

25 g

[W222011-100G-K](#)

100 g

[W222011-1KG-K](#)

1 kg

Isobutyric acid

2-Methylpropionic acid

[79-31-2] FEMA 2222 Flavis 8.006 $(\text{CH}_3)_2\text{CHCO}_2\text{H}$
 $\text{C}_4\text{H}_8\text{O}_2$ FW 88.11

Arc. 550; Fen. 399

► ≥99%, FCC

CoE Nr 6

Natural occurrence: Roman chamomile, strawberry, dairy products.

Organoleptic: butter; strawberry

Kosher, NI

[W222028-SAMPLE-K](#)[W222028-1KG-K](#)

1 kg

[W222028-5KG-K](#)

5 kg

[W222028-10KG-K](#)

10 kg

[W222028-25KG-K](#)

25 kg

► natural, ≥99%, FCC

CoE Nr 6c

Kosher

[W222216-SAMPLE-K](#)[W222216-100G-K](#)

100 g

[W222216-1KG-K](#)

1 kg

[W222216-5KG-K](#)

5 kg

☒ Isobutyric acid 3,4-methylenedioxybenzyl ester, see
 Piperonyl isobutyrate Page 112

Isopropioc acid, see 4-Methylpentanoic acid Page 91

Isoeugenol

2-Methoxy-4-propenylphenol [97-54-1] CH ₃ OCH ₂ (CH=CHCH ₃)OH C ₁₀ H ₁₂ O ₂ FW 164.20
► mixture of <i>cis</i> and <i>trans</i> , ≥99%, FCC
FEMA 2468 Flavis 4.004 CoE Nr 172
<i>Organoleptic</i> : clove; sweet; woody; spicy
Halal, Kosher, NI
W246808-SAMPLE-K
W246808-1KG-K 1 kg
W246808-5KG-K 5 kg
W246808-10KG-K 10 kg

Isoeugenyl acetate

[93-29-8] C ₁₂ H ₁₄ O ₃ FW 206.24
► ≥98%, FCC, FG
FEMA 2470 Flavis 9.03 CoE Nr 220
<i>Organoleptic</i> : carnation; rose; spicy
Halal, Kosher
Arc. 15; Fen. 401
W247006-SAMPLE-K
W247006-1KG-K 1 kg
W247006-5KG-K 5 kg
W247006-10KG-K 10 kg

trans-Isoeugenyl benzyl ether

[92666-21-2] C ₉ H ₈ CH ₂ OC ₆ H ₃ -2-(OCH ₃)-4-CH=CHCH ₃ C ₁₇ H ₁₈ O ₂ FW 254.32 Arc. 313; Fen. 401
► ≥98%
FEMA 3698 CoE Nr 522
<i>Organoleptic</i> : floral; spicy; sweet
Halal, Kosher
W369802-SAMPLE-K
W369802-100G-K 100 g
W369802-1KG-K 1 kg
W369802-5KG-K 5 kg

☒ Isoeugenyl methyl ether, see Methyl iso eugenol Page 88

Isoeugenyl phenylacetate, mixture of *cis* and *trans*

[120-24-1] C ₆ H ₅ CH ₂ CO ₂ C ₆ H ₃ -2-(OCH ₃)-4-(CH=CHCH ₃) C ₁₈ H ₁₈ O ₃ FW 282.33 Arc. 1376; Fen. 400
► ≥97%
FEMA 2477 Flavis 9.71 CoE Nr 237
<i>Organoleptic</i> : apple; cinnamon; honey; spicy; sweet
W247707-SAMPLE
W247707-100G 100 g
W247707-1KG 1 kg
W247707-5KG 5 kg

L-Isoleucine

(2S,3S)-2-Amino-3-methylpentanoic acid [73-32-5] C ₂ H ₅ CH(CH ₃)CH(NH ₂)CO ₂ H C ₆ H ₁₃ NO ₂ FW 131.17
► ≥98.5%, FCC
W527602-100G 100 g
W527602-1KG 1 kg

DL-Isoleucine

DL-2-Amino-3-methylpentanoic acid [443-79-8] CH ₃ CH ₂ CH(CH ₃)CH(NH ₂)COOH C ₆ H ₁₃ NO ₂ FW 131.17
A mixture of 4 stereoisomers.
Fen. 403
► ≥98.5%, FCC
FEMA 3295 Flavis 17.01 CoE Nr 10127
W329509-SAMPLE
W329509-25G 25 g
W329509-100G 100 g
W329509-1KG 1 kg

Isopropenyl acetate

1-Methylvinyl acetate [108-22-5] CH ₃ COOC(CH ₃)=CH ₂ C ₅ H ₈ O ₂ FW 100.12
► 99%
FEMA 4152 Flavis 9.822
W415201-SAMPLE
W415201-1KG 1 kg
W415201-4KG 4 kg
W415201-9KG 9 kg

☒ (S)-4-Isopropenyl-cyclohexene-1-carboxaldehyde, see (S)-(-)-Perillaldehyde Page 106

(1S,2S,4R)(+)-4-Isopropenyl-1-methylcyclohexan-1,2-diol, see (1S,2S,4R)(+)-Limonene-1,2-diol Page 75

(1R,2S,5R)-2-Isopropenyl-5-methylcyclohexanol, see (-)-Isopulegol Page 73

(S)-4-Isopropenyl-1-methyl cyclohexene, see (S)-(-)-Limonene Page 75

(R)-5-Isopropenyl-2-methyl-2-cyclohexone, see L-Carvone Page 25

(S)-5-Isopropenyl-2-methyl-2-cyclohexone, see o-Carvone Page 25

(1R,5R)-5-Isopropenyl-2-methyl-2-cyclohexenyl acetate, see (-)-Caryl acetate Page 26

Isopropyl acetate

[108-21-4] CH ₃ COOCH(CH ₃) ₂ C ₅ H ₁₀ O ₂ FW 102.13 Arc. 2658; Fen. 409
► ≥99%, FCC
FEMA 2926 Flavis 9.003 CoE Nr 193
<i>Organoleptic</i> : banana; fruity; sweet; ethereal
Kosher, NI
W292605-SAMPLE-K
W292605-1KG-K 1 kg
W292605-9KG-K 9 kg
W292605-20KG-K 20 kg

☒ Isopropylacetone, see 4-Methyl-2-pentanone Page 91

Isopropyl alcohol

2-Propanol; sec-Propyl alcohol; Isopropanol; IPA [67-63-0] (CH ₃) ₂ CHOH C ₃ H ₈ O FW 60.10 Arc. 2661; Fen. 410
► ≥99.7%, FCC
FEMA 3553 Flavis 7.126 CoE Nr 4011
<i>Natural occurrence</i> : Burley tobacco, cranberry, macadamia nuts, peas, roasted filbert, saffron, wine and osmanthus.
<i>Organoleptic</i> : berry; woody; herbaceous; nutty; citrus; sweet; vegetable; green; wine-like; camphoraceous; waxy; tobacco NI
W355305-SAMPLE
W355305-1KG 1 kg
W355305-5KG 5 kg
W355305-10KG 10 kg
W355305-20KG 20 kg

☒ 4-Isopropylbenzaldehyde, see Cuminaldehyde Page 31

4-Isopropylbenzyl alcohol

Cumic alcohol [536-60-7] (CH ₃) ₂ CHC ₆ H ₄ CH ₂ OH C ₁₀ H ₁₄ O FW 150.22
► ≥97%
FEMA 2933 Flavis 2.039 CoE Nr 88
<i>Organoleptic</i> : floral
Kosher, NI
Arc. 752; Fen. 411
W293318-SAMPLE-K
W293318-100G-K 100 g
W293318-1KG-K 1 kg
W293318-5KG-K 5 kg

Isopropylbutyra

Isopropyl butyrate

[638-11-9] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}(\text{CH}_3)_2$ $\text{C}_7\text{H}_{14}\text{O}_2$
FW 130.18

Arc. 2678; Fen. 412

► ≥98%

FEMA 2935 Flavis 9.041 CoE Nr 267

Natural occurrence: Apple, banana, kiwi, melon, papaya, passion fruit, rum and strawberry.

Organoleptic: creamy; pineapple; sweet; waxy; green

Kosher, NI

[W293504-SAMPLE-K](#)

[W293504-1KG-K](#)

[W293504-9KG-K](#)

[W293504-20KG-K](#)

1 kg

9 kg

20 kg

Isopropyl cinnamate

Isopropyl 3-phenylpropenoate

[7780-06-5] $\text{C}_6\text{H}_5\text{CH}=\text{CHCO}_2\text{CH}(\text{CH}_3)_2$ $\text{C}_{12}\text{H}_{14}\text{O}_2$
FW 190.24

► ≥96%, FG

FEMA 2939 Flavis 9.732 CoE Nr 325

Organoleptic: balsam; fruity

Halal, Kosher

Arc. 2678; Fen. 412

[W293903-SAMPLE-K](#)

[W293903-1KG-K](#)

[W293903-5KG-K](#)

[W293903-10KG-K](#)

1 kg

5 kg

10 kg

Isopropyl disulfide

[4253-89-8] $[(\text{CH}_3)_2\text{CH}]_2\text{S}_2$ $\text{C}_6\text{H}_{14}\text{S}_2$ FW 150.31

► ≥96%

FEMA 3827 Flavis 12.109

Organoleptic: sulfurous; alliaceous (onion, garlic); meaty
NI

[W382701-SAMPLE](#)

[W382701-100G](#)

[W382701-1KG](#)

[W382701-5KG](#)

100 g

1 kg

5 kg



Isopropyl formate

[625-55-8] $\text{HCO}_2\text{CH}(\text{CH}_3)_2$ $\text{C}_4\text{H}_8\text{O}_2$ FW 88.11

► 98%

FEMA 2944 Flavis 9.165

[W294401-100G](#) 100 g

[W294401-1KG](#) 1 kg

☒ Isopropyl hexadecanoate, see Isopropyl palmitate

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4,4'-Isopropylidenediphenol diglycidyl ether, see Bisphenol A diglycidyl ether Page 20

(R)-2-Isopropylidene-5-methylcyclohexanone, see (R)-(+)-Pulegone Page 116

4-Isopropylidene-1-methylcyclohexene, see Terpinolene

Page 121

Isopropyl isothiocyanate

NEW

Isopropyl mustard oil

[2253-73-8] $(\text{CH}_3)_2\text{CHNCS}$ $\text{C}_4\text{H}_7\text{NS}$ FW 101.17

► 97%

FEMA 4425

[W442500-SAMPLE](#)

[W442500-1KG](#) 1 kg

☒ Isopropyl mercaptan, see 2-Propanethiol Page 113

1-Isopropyl-4-methylbenzene, see p-Cymene Page 32

Isopropyl 2-methylbutyrate

[66576-71-4] $\text{C}_2\text{H}_5\text{CH}(\text{CH}_3)\text{CO}_2\text{CH}(\text{CH}_3)_2$ $\text{C}_8\text{H}_{16}\text{O}_2$
FW 144.21

Fen. 416

► ≥98%

FEMA 3699 Flavis 9.547

Kosher, NI

Organoleptic: oily; pineapple; sweet; ethereal; green

[W369918-SAMPLE-K](#)

[W369918-1KG-K](#) 1 kg

[W369918-4KG-K](#) 4 kg

[W369918-9KG-K](#) 9 kg

☒ Isopropyl methyl carbinol, see DL-3-Methyl-2-butanol

Page 83

1-Isopropyl-4-methyl-1,3-cyclohexadiene, see α-Terpineol

Page 121

1-Isopropyl-4-methyl-1,4-cyclohexadiene, see γ-Terpineol

Page 121

(1R,2S,5R)-2-Isopropyl-5-methylcyclohexanol, see L-Menthol

Page 78

2-Isopropyl-5-methylcyclohexanol, see DL-Menthol

Page 78

(2S,5R)-2-Isopropyl-5-methylcyclohexanone, see L-Menthone

Page 78

2-Isopropyl-5-methyl-2-hexenal

[35158-25-9] $(\text{CH}_3)_2\text{CHCH}_2\text{CH}=\text{C}[\text{CH}(\text{CH}_3)_2]\text{CHO}$ $\text{C}_{10}\text{H}_{18}\text{O}$ FW 154.25

Fen. 417

► ≥95%

FEMA 3406 Flavis 5.107 CoE Nr 10361

Organoleptic: berry

Kosher, NI

contains 0.50% alpha-tocopherol, synthetic as antioxidant

[W340618-SAMPLE-K](#)

[W340618-100G-K](#) 100 g

[W340618-1KG-K](#) 1 kg

[W340618-4KG-K](#) 4 kg

☒ 1-Isopropyl-4-methyl-7-oxabicyclo[2.2.1]heptane, see 1,4-Cineole Page 27

2-Isopropyl-5-methylphenol, see Thymol Page 124

5-Isopropyl-2-methylphenol, see Carvacrol Page 25

2-Isopropyl-4-methylthiazole

[15679-13-7] $\text{C}_7\text{H}_{11}\text{NS}$ FW 141.23

Fen. 417

► ≥98%, FG

FEMA 3555 Flavis 15.026

Organoleptic: earthy; meaty; nutty; green

Halal, Kosher, NI

[W355518-SAMPLE-K](#)

[W355518-100G-K](#) 100 g

[W355518-1KG-K](#) 1 kg

[W355518-5KG-K](#) 5 kg

☒ Isopropyl mustard oil, see Isopropyl isothiocyanate
Page 72

Isopropyl myristate

Myristic acid isopropyl ester; Isopropyl tetradecanoate; IPM; IPM 100; IPM-EX; IPM-R

[110-27-0] $\text{CH}_3(\text{CH}_2)_{12}\text{COOCH}(\text{CH}_3)_2$ $\text{C}_{17}\text{H}_{34}\text{O}_2$
FW 270.45

Arc. 2726; Fen. 418

► ≥98%

FEMA 3556 Flavis 9.105 CoE Nr 386

Organoleptic: cheese; cherry; cinnamon; waxy; wine-like

Kosher

[W355690-SAMPLE-K](#)

[W355690-1KG-K](#) 1 kg

[W355690-8KG-K](#) 8 kg

[W355690-20KG-K](#) 20 kg

Isopropyl palmitate

Isopropyl hexadecanoate

[142-91-6] $\text{CH}_3(\text{CH}_2)_{14}\text{COOCH}(\text{CH}_3)_2$ $\text{C}_{19}\text{H}_{38}\text{O}_2$
FW 298.50

► ≥90%

Flavis 9.606

[W515604-SAMPLE](#)

[W515604-1KG](#) 1 kg

[W515604-9KG](#) 9 kg

[W515604-20KG](#) 20 kg

2-Isopropylphenol

[88-69-7] $(\text{CH}_3)_2\text{CHC}_6\text{H}_4\text{OH}$ $\text{C}_9\text{H}_{12}\text{O}$ FW 136.19

Fen. 418

► ≥98%

FEMA 3461 Flavis 4.044 CoE Nr 11234

Organoleptic: medicinal

NI

[W346101-SAMPLE](#)

[W346101-1KG](#) 1 kg

[W346101-10KG](#) 10 kg

[W346101-25KG](#) 25 kg

Isopropyl phenylacetate

[4861-85-2] C₆H₅CH₂CO₂CH(CH₃)₂ C₁₁H₁₄O₂
FW 178.23

Arc. 2736; Fen. 420

► ≥99%

FEMA 2956 Flavis 9.786 CoE Nr 2158

Organoleptic: honey; wine-like; ethereal; rose
NI

W295604-SAMPLE

W295604-100G 100 g

W295604-1KG 1 kg

W295604-5KG 5 kg

☒ Isopropyl 3-phenylpropenoate, see Isopropyl cinnamate
Page 72
Isopropyl tetradecanoate, see Isopropyl myristate
Page 72

Isopropyl tiglate

[1733-25-1] CH₃CH=C(CH₃)CO₂CH(CH₃)₂ C₈H₁₄O₂
FW 142.20

Fen. 421

► ≥98%

FEMA 3229 Flavis 9.513 CoE Nr 10733

Organoleptic: minty; sweet
Kosher

W322903-SAMPLE-K

W322903-100G-K 100 g

W322903-1KG-K 1 kg

W322903-5KG-K 5 kg

☒ 4-Isopropyltoluene, see p-Cymene Page 32

(-)-Isopulegol

(1R,2S,5R)-2-Isopropenyl-5-methylcyclohexanol;
(1R,3R,4S)-*p*-Menth-8-en-3-ol

[89-79-2] C₁₀H₁₈O FW 154.25

Arc. 2768; Fen. 422

► ≥99%

FEMA 2962 Flavis 2.067 CoE Nr 2033

Organoleptic: minty
Halal

W296236-SAMPLE

W296236-1KG 1 kg

W296236-9KG 9 kg

W296236-20KG 20 kg

Isopulegyl acetate, mixture of isomers

[89-49-6] C₁₂H₂₀O₂ FW 196.29

Arc. 2771; Fen. 423

► ≥95%

FEMA 2965 CoE Nr 2067

Organoleptic: sweet
Kosher

W296503

☒ 1-Isothiocyanatohexane, see Hexyl isothiocyanate
Page 64

Isothiocyanatoethylbenzene, see Benzyl isothiocyanate
Page 18

Isovaleraldehyde

3-Methylbutyraldehyde

[590-86-3] FEMA 2692 Flavis 5.006
(CH₃)₂CHCH₂CHO C₅H₁₀O FW 86.13
Arc. 3053; Fen. 481

► ≥97%

CoE Nr 94

Organoleptic: fruity; peach; sour
Kosher, NI

W269204-SAMPLE-K

W269204-1KG-K 1 kg

W269204-4KG-K 4 kg

W269204-8KG-K 8 kg

W269204-20KG-K 20 kg

► natural, ≥95%

CoE Nr 94c

Organoleptic: fruity
Kosher

W269212-SAMPLE-K

W269212-25G-K 25 g

W269212-100G-K 100 g

W269212-1KG-K 1 kg

Isovaleric acid

3-Methylbutyric acid; 3-Methylbutanoic acid

[503-74-2] FEMA 3102 Flavis 8.008
(CH₃)₂CHCH₂COOH C₅H₁₀O₂ FW 102.13
Arc. 3057; Fen. 424

► ≥99%, FCC

CoE Nr 8

Organoleptic: cheese; animal
Halal, NI

W310204-SAMPLE

W310204-1KG 1 kg

W310204-5KG 5 kg

W310204-10KG 10 kg

W310204-20KG 20 kg

► natural, ≥98%, FG

Halal, Kosher

W310212-SAMPLE-K

W310212-100G-K 100 g

W310212-250G-K 250 g

W310212-1KG-K 1 kg

W310212-5KG-K 5 kg

☒ Isovalerone, see 2,6-Dimethyl-4-heptanone Page 38

Jasmin absolute

Jasmine oil

[8022-96-6]

► Morocco origin

FEMA 2598 from *Jasminum grandiflorum* L.

Halal, Kosher

Organoleptic: jasmine

W259802-SAMPLE-K

W259802-25G-K 25 g

W259802-100G-K 100 g

W259802-1KG-K 1 kg

☒ Jasmine oil, see Jasmin absolute Page 73

Jasmin extract

(NEW)

Jasmine oil

[8022-96-6]

► natural, FG

FEMA 2600

from *Jasminum grandiflorum* L.

Organoleptic: floral

W260000-SAMPLE

W260000-10G 10 g

W260000-100G 100 g

☒ Jasnone, see cis-Jasnone Page 73

cis-Jasmone

Jasnone; cis-3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one

[488-10-8] C₁₁H₁₆O FW 164.24

Arc. 1788; Fen. 425

► ≥85%, FG

FEMA 3196 Flavis 7.094

Organoleptic: jasmine; fruity

Halal, Kosher, NI

trans isomer <15%

W319600-SAMPLE-K

W319600-100G-K 100 g

W319600-1KG-K 1 kg

W319600-5KG-K 5 kg

☒ Jojoba liquid wax, see Jojoba oil Page 73

Jojoba oil

Jojoba oil from *Simmondsia chinensis*; Jojoba liquid wax; Jojoba bean oil

[61789-91-1]

► Certified organic (NOP/EU)

Kosher

USA origin

W530293-SAMPLE-K

W530293-1KG-K 1 kg

☒ Jojoba oil from *Simmondsia chinensis*, see Jojoba oil Page 73

Juniper berry oil

[8002-68-4] FEMA 2604

from *Juniperus communis* L.

Kosher

FCC

Organoleptic: berry; herbaceous; pineapple; pepper; spicy; woody; wine-like southern Europe origin

W260401-SAMPLE-K

W260401-100G-K 100 g

W260401-1KG-K 1 kg

► Certified organic (NOP/EU)

Nepal origin

W260404-SAMPLE-K

W260404-1KG-K 1 kg

Ketoandrostene

3-Keto-5 α ,16-androstene, see 5 α -Androst-16-en-3-one
Page 14
α-Ketobutyric acid, see 2-Oxobutyric acid Page 103
2-Ketobutyric acid, see 2-Oxobutyric acid Page 103
α-Ketoisocaprylic acid sodium salt, see 4-Methyl-2-oxopen-tanoic acid sodium salt Page 90
Ketoisophorone, see 4-Oxoisophorone Page 103
α-Ketoisovaleric acid sodium salt, see 3-Methyl-2-oxobu-tanoic acid sodium salt Page 90
Ketoleucine sodium salt, see 4-Methyl-2-oxpentanoic acid sodium salt Page 90
Ketone Moschus, see Musk ketone Page 96
α-Ketopropionic acid, see Pyruvic acid Page 116
Ketovaline sodium salt, see 3-Methyl-2-oxobutanoic acid sodium salt Page 90

Lactic acid

D_L-Lactic acid; 2-Hydroxypropionic acid
[50-21-5] FEMA 2611 CH₃CH(OH)COOH C₃H₆O₃ FW 90.08
Contains approximately equal amounts of D- and L-isomers.
Arc. 1792; Fen. 426
▶ 85%, FCC
CoE Nr 4
Halal, Kosher, NI
[W261106-SAMPLE-K](#)
[W261106-1KG-K](#) 1 kg
[W261106-10KG-K](#) 10 kg
[W261106-25KG-K](#) 25 kg

▶ natural, ≥85%

CoE Nr 4c
Remaining 15% contains: water, higher oligomers of lactic acid and other FEMA GRAS components
Organoleptic: fatty
Halal, Kosher
[W261114-SAMPLE-K](#)
[W261114-1KG-K](#) 1 kg
[W261114-5KG-K](#) 5 kg
[W261114-10KG-K](#) 10 kg

D_L-Lactic acid, see Lactic acid Page 74
LAT, see Tetracosanoic acid tryptamide Page 122
Lauraldehyde, see Lauric aldehyde Page 74

Lauric acid

Dodecanoic acid; ABL
[143-07-7] FEMA 2614 Flavis 8.012
CH₃(CH₂)₁₀COOH C₁₂H₂₄O₂ FW 200.32
Organoleptic: fatty
Arc. 1107; Fen. 427
▶ ≥98%, FCC, FG
CoE Nr 12
Halal, Kosher, NI
[W261408-SAMPLE-K](#)
[W261408-1KG-K](#) 1 kg
[W261408-5KG-K](#) 5 kg
[W261408-10KG-K](#) 10 kg
[W261408-25KG-K](#) 25 kg

▶ natural, ≥98%, FCC

CoE Nr 12c
Kosher
[W261416-SAMPLE-K](#)
[W261416-1KG-K](#) 1 kg
[W261416-5KG-K](#) 5 kg
[W261416-10KG-K](#) 10 kg

Lauric acid butyl ester, see Butyl laurate Page 23
Lauric acid ethyl ester, see Ethyl laurate Page 47
Lauric acid methyl ester, see Methyl laurate Page 88

Lauric aldehyde

Dodecyl aldehyde; Laurinaldehyde; Dodecanal; Lauraldehyde; Aldehyde C₁₂
[112-54-9] FEMA 2615 Flavis 5.011
CH₃(CH₂)₁₀CHO C₁₂H₂₄O FW 184.32
Arc. 1105; Fen. 427
▶ ≥95%, FCC
CoE Nr 99
Organoleptic: herbaceous; waxy; floral; sweet
Halal, Kosher, NI

[W261505-SAMPLE-K](#)

W261505-1KG-K	1 kg
W261505-4KG-K	4 kg
W261505-8KG-K	8 kg
W261505-20KG-K	20 kg

▶ natural, ≥95%, FCC, FG

CoE Nr 99c
Halal, Kosher
Organoleptic: floral; sweet; herbaceous; waxy

[W261513-SAMPLE-K](#)

W261513-100G-K	100 g
W261513-1KG-K	1 kg
W261513-4KG-K	4 kg

Laurinaldehyde, see Lauric aldehyde Page 74

Lauryl acetate

Dodecyl acetate
[112-66-3] CH₃CO₂(CH₂)₁₁CH₃ C₁₄H₂₈O₂
FW 228.37
Arc. 1113; Fen. 428

▶ ≥98%

FEMA 2616 Flavis 9.01 CoE Nr 200
Organoleptic: citrus; rose
Kosher, NI

[W261602-SAMPLE-K](#)

W261602-1KG-K	1 kg
W261602-4KG-K	4 kg
W261602-9KG-K	9 kg

Lauryl alcohol

1-Dodecanol; Dodecyl alcohol; Alcohol C₁₂
[112-53-8] CH₃(CH₂)₁₁OH C₁₂H₂₆O FW 186.33
Arc. 1108; Fen. 428

▶ ≥98%

FEMA 2617 Flavis 2.008 CoE Nr 56
Halal, Kosher, NI
Organoleptic: coconut; honey; fatty; earthy; soapy; waxy

[W261718-SAMPLE-K](#)

W261718-1KG-K	1 kg
W261718-4KG-K	4 kg
W261718-8KG-K	8 kg
W261718-20KG-K	20 kg

Lavandula officinalis Labiateae, see Lavender oil 40/42% fleurs Page 74

Lavender absolute

[8000-28-0]

▶ natural

FEMA 2620
from *Lavandula angustifolia* L.
Organoleptic: herbaceous

[W262000-SAMPLE](#)

W262000-100G	100 g
W262000-1KG	1 kg

Lavender oil, see Lavender oil 40/42% fleurs Page 74

Lavender oil

[8000-28-0]

Fen. 166

▶ Certified organic (NOP/EU)

FEMA 2622
from (*Lavandula angustifolia*)
Kosher
eastern Europe origin

[W262235-SAMPLE-K](#)

W262235-1KG-K	1 kg
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Lavender oil 40/42% fleurs

Lavender oil

[8000-28-0]

Fen. 166

FEMA 2622
from *Lavandula officinalis* Chaix
Kosher
Organoleptic: lavender; spicy
Russia origin

[W262218-SAMPLE-K](#)

W262218-1KG-K	1 kg
W262218-4KG-K	4 kg

Lavender oil synthetic

Organoleptic: floral; herbaceous

[W512850-SAMPLE](#)

W512850-1KG	1 kg
W512850-4KG	4 kg
W512850-8KG	8 kg

Lavender spike oil, see Spike lavender oil Page 119
Leaf acetate, see cis-3-Hexenyl acetate Page 62
Leaf aldehyde, see trans-2-Hexen-1-al Page 60
trans-2-Hexen-1-al Page 60

Lemongrass oil, see Lemongrass oil, East Indian Page 74

Lemongrass oil

[8007-02-1]

▶ Certified organic (NOP/EU)

FEMA 2624
Kosher

[W262440-SAMPLE-K](#)

W262440-1KG-K	1 kg
-------------------------------	------

Lemongrass oil, East Indian

Lemongrass oil
[8007-02-1]
► natural
FEMA 2624
from <i>Cymbopogon citratus</i> DC. and <i>Cymbopogon flexuosus</i>
Kosher
India origin
W262404-SAMPLE-K
W262404-1KG-K 1 kg
W262404-9KG-K 9 kg
W262404-20KG-K 20 kg

Lemongrass oil

[8007-02-1]
► rectified, Guatemala origin
from <i>Cymbopogon citratus</i> DC. and <i>Cymbopogon flexuosus</i>
Kosher
W523100-SAMPLE-K
W523100-1KG-K 1 kg
W523100-4KG-K 4 kg
W523100-9KG-K 9 kg

Lemon oil

[8008-56-8] FEMA 2625
► rectified, Argentina origin
from <i>Citrus limon</i> (L.) Burm. F.
Kosher
Organoleptic: lemon; sour
Fen. 169
W262501-SAMPLE-K
W262501-1KG-K 1 kg
W262501-5KG-K 5 kg

► cold-pressed, California origin

from (*Citrus limon*)
Organoleptic: lemon; sour
Halal, Kosher
Fen. 169

W262528-SAMPLE-K
W262528-1KG-K 1 kg
W262528-5KG-K 5 kg

► Certified organic (NOP/EU)

Kosher
Italy origin
W262533-SAMPLE-K
W262533-1KG-K 1 kg

Lemon oil, terpeneless

[68648-39-5]
► natural, FG
FEMA 2626
from <i>Citrus limonum</i>
W262600-SAMPLE
W262600-500G 500 g
W262600-1KG 1 kg

☒ Lepidine, see 4-Methylquinoline Page 93

L-Leucine

(S)-2-Amino-4-methylpentanoic acid
[61-90-5] $(\text{CH}_3)_2\text{CHCH}_2\text{CH}(\text{NH}_2)\text{CO}_2\text{H}$ $\text{C}_6\text{H}_{13}\text{NO}_2$
FW 131.17
Fen. 429
► ≥98.5%, FCC
FEMA 3297 Flavis 17.012 CoE Nr 10482
Kosher, NI
W329703-SAMPLE-K
W329703-100G-K 100 g
W329703-1KG-K 1 kg
W329703-5KG-K 5 kg

(R)-(+)-Limonene

► ≥93%
FEMA 2633 Flavis 1.045 CoE Nr 491
Organoleptic: lemon; orange; citrus; sweet
Kosher, NI
Arc. 1800; Fen. 430
W263303-SAMPLE-K
W263303-1KG-K 1 kg
W263303-8KG-K 8 kg
W263303-20KG-K 20 kg

(S)-(-)-Limonene

(-) -Carvene; (S)-4-Isopropenyl-1-methyl cyclohexene; (-)- <i>p</i> -Mentha-1,8-diene
[5989-54-8] C_10H_{16} FW 136.23
► ≥95%, FCC
Flavis 1.046
Organoleptic: herbaceous; minty; camphoraceous
Kosher
W504505-SAMPLE-K
W504505-1KG-K 1 kg
W504505-4KG-K 4 kg
W504505-8KG-K 8 kg

☒ (±)-Limonene, see Dipentene Page 40

(1S,2S,4R)-(+)-Limonene-1,2-diol

(+)-1-Hydroxyneodihydrocarveol; (1S,2S,4R)-(+)-4-Isopropenyl-1-methylcyclohexan-1,2-diol;
(1S,2S,4R)-(+)- <i>p</i> -Menth-8-en-1,2-diol; (1S,2S,4R)-8- <i>p</i> -Menth-8-ene-1,2-diol; (+)-(1S,2S,4R)-Limonene glycol
[38630-75-0] $\text{C}_{10}\text{H}_{18}\text{O}_2$ FW 170.25
► ≥97%
FEMA 4409
W440900-1G 1 g
W440900-25G 25 g
W440900-100G 100 g

☒ (+)-(1S,2S,4R)-Limonene glycol, see (1S,2S,4R)-(+)-Limonene-1,2-diol Page 75
(-)-Linalool, see L-Linalool Page 76

Linalool

(±)-3,7-Dimethyl-1,6-octadien-3-ol; (±)-3,7-Dimethyl-3-hydroxy-1,6-octadiene
[78-70-6] $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)(\text{OH})\text{CH}=\text{CH}_2$ $\text{C}_{10}\text{H}_{18}\text{O}$ FW 154.25
Arc. 1803; Fen. 431
► ≥97%, FCC, FG
FEMA 2635 Flavis 2.013 CoE Nr 61
Organoleptic: lemon; orange; floral; citrus; sweet
Halal, Kosher, NI
W263508-SAMPLE-K
W263508-1KG-K 1 kg
W263508-9KG-K 9 kg
W263508-20KG-K 20 kg

Linalool

L-Linalool	Linalyl formate	Litsea cubeba oil
(-)-Linalool; (<i>R</i>)-(-)-3,7-Dimethyl-1,6-octadien-3-ol [126-91-0] $\text{CH}_3\text{C}(\text{CH}_3)_2\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)(\text{OH})\text{CH}=\text{CH}_2$ $\text{C}_{10}\text{H}_{18}\text{O}$ FW 154.25 Arc. 1803	[115-99-1] $\text{HCO}_2\text{C}(\text{C}=\text{CH}_2)(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{11}\text{H}_{18}\text{O}_2$ FW 182.26 Arc. 1815; Fen. 435	[6885-99-2] FEMA 3846 Kosher from <i>Litsea cubeba</i> Pers. China origin
► natural, ≥80% FEMA 2635 CoE Nr 61 <i>Organoleptic</i> : floral; woody Kosher Fen. 431	► FCC FEMA 2642 Flavis 9.08 CoE Nr 347 <i>Organoleptic</i> : green; herbaceous; citrus; woody Halal, Kosher, NI	W517208-SAMPLE-K W517208-1KG-K 1 kg W517208-4KG-K 4 kg W517208-9KG-K 9 kg
W263516-SAMPLE-K W263516-1KG-K 1 kg W263516-4KG-K 4 kg W263516-9KG-K 9 kg	W264202-SAMPLE-K W264202-1KG-K 1 kg W264202-4KG-K 4 kg W264202-9KG-K 9 kg	► Certified organic (NOP/EU) NEW Vietnam origin
Linalyl acetate	Linalyl isovalerate	Lovage oil
3,7-Dimethyl-1,6-octadien-3-yl acetate [115-95-7] FEMA 2636 Flavis 9.013 CoE Nr 203 $\text{CH}_3\text{CO}_2\text{C}(\text{CH}=\text{CH}_2)(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{12}\text{H}_{20}\text{O}_2$ FW 196.29 Arc. 1806; Fen. 433	[1118-27-0] $(\text{CH}_3)_2\text{CHCH}_2\text{CO}_2\text{C}(\text{CH}=\text{CH}_2)(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{15}\text{H}_{26}\text{O}_2$ FW 238.37 Arc. 1825; Fen. 437	[8016-31-7] FEMA 2651 <i>Natural occurrence</i> : Lovage root. from <i>Levisticum officinale</i> Koch Kosher <i>Organoleptic</i> : cheese; fruity; vegetable; herba- ceous; sweet; walnut; green; meaty; earthy France origin
► ≥97%, FCC synthetic <i>Organoleptic</i> : floral; fruity; pear; sweet Kosher, NI	► ≥95% FEMA 2646 Flavis 9.454 CoE Nr 449 <i>Organoleptic</i> : apple; fruity; sage; sweet NI	W265101-SAMPLE-K W265101-25G-K 25 g W265101-100G-K 100 g W265101-1KG-K 1 kg
W263605-SAMPLE-K W263605-1KG-K 1 kg W263605-9KG-K 9 kg W263605-20KG-K 20 kg	W264601-SAMPLE W264601-100G 100 g W264601-1KG 1 kg W264601-4KG 4 kg	W265101-4KG-K 4 kg W265101-9KG-K 9 kg
► natural, ≥80% <i>Organoleptic</i> : floral; fruity; sweet Kosher	► ≥92%, FCC, FG FEMA 2645 Flavis 9.13 CoE Nr 411 <i>Organoleptic</i> : herbaceous; pear; sweet Halal, Kosher, NI	► 2,6-Lutidine, see 2,6-Dimethylpyridine Page 39
W263613-SAMPLE-K W263613-100G-K 100 g W263613-1KG-K 1 kg W263613-4KG-K 4 kg	W264504-SAMPLE-K W264504-1KG-K 1 kg W264504-4KG-K 4 kg W264504-9KG-K 9 kg	L-Lysine
Linalyl benzoate	Linoleic acid	W34704-SAMPLE
[126-64-7] $\text{C}_{17}\text{H}_{22}\text{O}_2$ FW 258.36	cis-9,cis-12-Octadecadienoic acid [60-33-3] $\text{CH}_3(\text{CH}_2)_4\text{CH}=\text{CHCH}_2\text{CH}=\text{CH}(\text{CH}_2)_7\text{CO}_2\text{H}$ $\text{C}_{18}\text{H}_{32}\text{O}_2$ FW 280.45 Fen. 608	W34704-100G 100 g W34704-1KG 1 kg W34704-5KG 5 kg
► ≥95% FEMA 2638 Flavis 9.771 CoE Nr 654 <i>Organoleptic</i> : gardenia; jasmine Halal, Kosher Arc. 1808; Fen. 434	► ≥99% FEMA 3380 Flavis 8.041 CoE Nr 694 NI	Macadamia oil NEW
W263818-SAMPLE-K W263818-1KG-K 1 kg	W338001-SAMPLE W338001-25G 25 g W338001-100G 100 g W338001-1KG 1 kg	[438545-25-6]
Linalyl butyrate	Linseed oil , see Flax seed oil Page 53 Linseed oil, epoxidized, see Epoxidized linseed oil Page 41 Lipid Crimson, see Sudan IV Page 120	► Certified organic (NOP/EU) from <i>Macadamia integrifolia</i> Kosher Kenya origin
[78-36-4] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{C}(\text{CH}=\text{CH}_2)(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{14}\text{H}_{24}\text{O}_2$ FW 224.34 Arc. 1809; Fen. 434	► Maleic acid diethyl ester, see Diethyl maleate Page 34	
► ≥93% FEMA 2639 Flavis 9.05 CoE Nr 276 <i>Organoleptic</i> : banana Halal, Kosher, NI	► Magnesium phosphate hydrate [53408-95-0] $\text{Mg}_3(\text{PO}_4)_2 \cdot x\text{H}_2\text{O}$ $\text{Mg}_3\text{O}_8\text{P}_2 \cdot x\text{H}_2\text{O}$ FW 262.86 (Anh)	
W263907-SAMPLE-K W263907-250G-K 250 g W263907-1KG-K 1 kg W263907-4KG-K 4 kg W263907-9KG-K 9 kg	W515701-SAMPLE W515701-1KG 1 kg W515701-5KG 5 kg W515701-10KG 10 kg	

DL-Malic acid

DL-Hydroxybutanedioic acid; (\pm)-2-Hydroxysuccinic acid
[6915-15-7] HO₂CCH₂CH(OH)CO₂H C₄H₆O₅
FW 134.09

► **≥99%**

FEMA 2655 Flavis 8.017
Kosher

[W265501-SAMPLE-K](#)

[W265501-1KG-K](#) 1 kg

[W265501-5KG-K](#) 5 kg

[W265501-10KG-K](#) 10 kg

☒ Malonic acid diethyl ester, see Diethyl malonate Page 35

Maltol

3-Hydroxy-2-methyl-4-pyrone

[118-71-8] FEMA 2656 Flavis 7.014 C₆H₆O₃
FW 126.11

Arc. 1831; *Fen.* 440

► **FCC, FG**

CoE Nr 148

Organoleptic: chocolate
Halal, Kosher, NI

[W265608-SAMPLE-K](#)

[W265608-250G-K](#) 250 g

[W265608-1KG-K](#) 1 kg

[W265608-5KG-K](#) 5 kg

[W265608-10KG-K](#) 10 kg

[W265608-25KG-K](#) 25 kg

► **natural, FG**

Halal, Kosher

[W265624-SAMPLE-K](#)

[W265624-100G-K](#) 100 g

[W265624-1KG-K](#) 1 kg

[W265624-5KG-K](#) 5 kg

Maltol solution

3-Hydroxy-2-methyl-4-pyrene solution

[118-71-8] C₆H₆O₃ FW 126.11

► **1 wt. % in benzyl alcohol**

FEMA 2656 Flavis 7.014

Arc. 1831; *Fen.* 440

[W265616-SAMPLE](#)

[W265616-1KG](#) 1 kg

[W265616-5KG](#) 5 kg

[W265616-10KG](#) 10 kg

Malty isobutyrate

[65416-14-0] C₁₀H₁₂O₄ FW 196.20

Fen. 440

► **≥98%, FG**

FEMA 3462 Flavis 9.525 CoE Nr 10739

Organoleptic: caramel; jam

Halal, Kosher

[W346209-SAMPLE-K](#)

[W346209-100G-K](#) 100 g

[W346209-250G-K](#) 250 g

[W346209-1KG-K](#) 1 kg

Mandarin green oil

NEW

[8008-31-9]

► **Certified organic (NOP/EU)**

FEMA 2657

from (*Citrus reticulata*)

Kosher

Italy origin

[W265734-SAMPLE-K](#)

[W265734-1KG-K](#) 1 kg

Mandarin oil

FEMA 2657

► **Italian, FCC**

CoE Nr 142

Natural Occurrence: Mandarin peel.

Organoleptic: berry; grape; orange; fruity; citrus; peach; waxy

Halal, Kosher

Fen. 181

[W265713-SAMPLE-K](#)

[W265713-100G-K](#) 100 g

[W265713-1KG-K](#) 1 kg

[W265713-4KG-K](#) 4 kg

► **Argentina**

from *Citrus reticulata* Blanco

Organoleptic: grape; orange; fruity; citrus; peach; sour; waxy

[W265721-SAMPLE](#)

[W265721-1KG](#) 1 kg

[W265721-4KG](#) 4 kg

☒ Margaric acid tryptamide, see Heptadecanoic acid tryptamide Page 57

Marjoram oil

NEW

[8015-01-8]

► **sweet, Certified organic (NOP/EU)**

FEMA 2663

from (*Origanum majorana*)

Kosher

Egypt origin

[W266309-SAMPLE-K](#)

[W266309-1KG-K](#) 1 kg

Marjoram oil, Spanish

[8016-33-9]

from *Thymus mastichina*

Kosher

Spain origin

[W523208-SAMPLE-K](#)

[W523208-1KG-K](#) 1 kg

[W523208-4KG-K](#) 4 kg

[W523208-9KG-K](#) 9 kg

☒ MAT, see Heptadecanoic acid tryptamide Page 57

MEK, see 2-Butanone Page 21

Melaleuca alternifolia, see Tea tree oil Page 121

Melissa oil, see Balm leaves oil Page 16

Melonal, see 2,6-Dimethyl-5-heptenal Page 38

(S)-p-Mentha-1,8-dien-7-al, see (S)-(-)-Perillaldehyde Page 106

p-Mentha-1,3-diene, see α -Terpinene Page 121

p-Mentha-1,4-diene, see γ -Terpinene Page 121

p-Mentha-1,8-diene, see Dipentene Page 40

(S)-(-)-Limonene Page 75

p-Mentha-1,8-diene-7-ol, see (S)-(-)-Perillyl alcohol Page 106

p-Mentha-6,8-dien-2-ol, see l-Carveol, mixture of cis and trans Page 25

p-Mentha-6,8-dien-2-one, see D-Carvone Page 25

l-Carvone Page 25

Menthylactone

[13341-72-5] C₁₀H₁₄O₂ FW 166.22

► **≥99%**

FEMA 3764 Flavis 10.036

Natural occurrence: Peppermint and penny royal oil, *Mentha arvensis*.

Organoleptic: cherry; creamy; minty; sweet

Halal

[W376418-SAMPLE](#)

[W376418-25G](#) 25 g

[W376418-100G](#) 100 g

[W376418-1KG](#) 1 kg

☒ (1R,4S)-p-Menth-3-one, see L-Menthone Page 78
Mentha Spicata deterpinalized, see Spearmint oil Page 119

p-Menta-8-thiol-3-one

2-(1-Mercapto-1-methylethyl)-5-methylcyclohexanone; 8-Mercaptomenthone

[38462-22-5] FEMA 3177 Flavis 12.038 C₁₀H₁₆OS FW 186.31

Fen. 444

Fen. 444

► **mixture of cis and trans, ≥94%, FG**

CoE Nr 11789

Halal, Kosher, NI

Organoleptic: berry

[W317705-SAMPLE-K](#)

[W317705-100G-K](#) 100 g

[W317705-250G-K](#) 250 g

[W317705-1KG-K](#) 1 kg

[W317705-5KG-K](#) 5 kg

► **mixture of cis and trans, natural, ≥94%**

Organoleptic: grape

Kosher

[W317713-SAMPLE-K](#)

[W317713-100G-K](#) 100 g

[W317713-1KG-K](#) 1 kg

☒ p-Menth-1,4(8)-diene, see Terpinolene Page 121

(1S,2S,4R)-(+)p-Menth-8-en-1,2-diol, see (1S,2S,4R)-

(+)-Limonene-1,2-diol Page 75

(1S,2S,4R)-8-p-Menth-8-ene-1,2-diol, see (1S,2S,4R)-

(+)-Limonene-1,2-diol Page 75

(1R,3R,4S)-p-Menth-8-en-3-ol, see (-)-Isopulegol

Page 73

(S)-p-Menth-1-en-8-ol, see α -Terpineol Page 121

p-Menth-4(8)-en-3-one, see (R)-(+)-Pulegone Page 116

(R)-p-Menth-4(8)-en-3-one, see (R)-(+)-Pulegone

Page 116

p-Menth-8-en-2-one, see D-Dihydrocarvone, mixture of

isomers Page 35

p-menth-1-en-8-yl-formate, see Terpinyl formate, mixture of

isomers Page 121

p-menth-1-en-8-yl-isobutyrate, see Terpinyl isobutyrate,

mixture of isomers Page 122

p-menth-1-en-8-yl-propionate, see Terpinyl propionate

Page 122

Menthofuran, see 4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran

Page 122

Menthol, see L-Menthol Page 78

D-Menthol Page 78

Menthol

L-Menthol

(1R,2S,5R)-(-)-Menthol; 5-Methyl-2-(1-methylethyl)cyclohexanol; (-)-Menthol; (1R,2S,5R)-2-Isopropyl-5-methylcyclohexanol
[2216-51-5] FEMA 2665 CoE Nr 65c C₁₀H₂₀O FW 156.27

Arc. 1840; Fen. 447

► ≥99%, FCC

Natural occurrence: *Mentha* species.
Organoleptic: minty; camphoraceous; tobacco Kosher, NI

W266590-SAMPLE-K

W266590-1KG-K	1 kg
W266590-4KG-K	4 kg
W266590-9KG-K	9 kg
W266590-25KG-K	25 kg

► natural, ≥99%, FCC

Natural occurrence: *Mentha* species.

NI

Organoleptic: minty; tobacco; camphoraceous; woody

W266523-SAMPLE-K

W266523-SAMPLE	100 g
W266523-1KG-K	1 kg
W266523-4KG-K	4 kg

DL-Menthol

2-Isopropyl-5-methylcyclohexanol; Hexahydro-thymol; Menthol
[89-78-1] C₁₀H₂₀O FW 156.27

Arc. 1841; Fen. 447

► FCC

FEMA 2665 Flavis 2.015 CoE Nr 63
Organoleptic: minty; woody; camphoraceous Kosher, NI

W266507-SAMPLE-K

W266507-250G-K	250 g
W266507-1KG-K	1 kg
W266507-4KG-K	4 kg

▣ (1R,2S,5R)-(-)-Menthol, see L-Menthol Page 78
Menthol Carboxamide WS-3, see N-Ethyl-2-isopropyl-5-methylcyclohexanecarboxamide Page 47
(-)-Menthone, see L-Menthone Page 78

L-Menthone

(-)-Menthone; (1R,4S)-*p*-Menthan-3-one; (2S,5R)-2-Isopropyl-5-methylcyclohexanone
[14073-97-3] C₁₀H₁₈O FW 154.25

Arc. 1843; Fen. 448

► mixture of isomers, ≥96%, FCC

FEMA 2667 CoE Nr 2035

Natural occurrence: *Mentha* species.

Organoleptic: berry; minty; fruity; peach; raspberry; sweet; herbaceous; camphoraceous; woody Halal, Kosher, NI

W266701-SAMPLE-K

W266701-1KG-K	1 kg
W266701-9KG-K	9 kg
W266701-20KG-K	20 kg

L-Methyl acetate

(1R)-(-)-Methyl acetate
[2623-23-6] C₁₂H₂₂O₂ FW 198.30

► natural, ≥98%, FCC

FEMA 2668

Natural occurrence: *Mentha arvensis*, peppermint, scotch spearmint, raspberry, mango, buchu oil, lemon balm, ginger and orange juice eucalyptus oil.
Organoleptic: berry; mango; melon; oily; orange; herbaceous; fruity; minty; raspberry; sweet; camphoraceous; woody Kosher, NI

Fen. 450

W266825-SAMPLE-K

W266825-100G-K	100 g
W266825-1KG-K	1 kg
W266825-5KG-K	5 kg

DL-Methyl acetate

► ≥97%, FCC

FEMA 2668 CoE Nr 206

Natural occurrence: *Mentha arvensis*, peppermint, scotch spearmint, raspberry, mango, buchu oil, lemon balm, ginger and orange juice eucalyptus oil.
Organoleptic: berry; melon; oily; orange; fruity; woody; minty; herbaceous; raspberry; spicy; camphoraceous Kosher, NI

Arc. 1846; Fen. 450

W266809-SAMPLE-K

W266809-1KG-K	1 kg
W266809-10KG-K	10 kg
W266809-25KG-K	25 kg

▣ (1R)-(-)-Methyl acetate, see L-Methyl acetate Page 78

Methyl isovalerate

[16409-46-4] C₁₅H₂₈O₂ FW 240.38
Arc. 1854; Fen. 450

► ≥98%, FG

FEMA 2669 Flavis 9.455 CoE Nr 450

Organoleptic: fruity; woody; sweet Halal, NI

W266906-SAMPLE

W266906-100G	100 g
W266906-1KG	1 kg
W266906-5KG	5 kg

L-Methyl lactate

[61597-98-6] C₁₃H₂₄O₃ FW 228.33
Fen. 451

► ≥97%

FEMA 3748

Organoleptic: alcohol; minty; camphoraceous

W374806-SAMPLE

W374806-100G	100 g
W374806-1KG	1 kg
W374806-5KG	5 kg

▣ Mercaptan C₂, see Ethanethiol Page 42

Mercaptan C₃, see Propyl mercaptan Page 114

Mercaptan C₄, see 1-Butanethiol Page 20

2-Butanethiol Page 21

Mercaptan C₅, see 1-Pentanethiol Page 104

Mercaptan C₇, see 1-Heptanethiol Page 57

Mercaptoacetaldehyde dimer, see 2,5-Dihydroxy-1,4-dithiane Page 36

2-Mercaptoanisole, see 2-Methoxythiophenol Page 81

2-Mercapto-3-butanol, mixture of isomers

[37887-04-0] CH₃CH(OH)CH(SH)CH₃ C₄H₁₀OS FW 106.19

Fen. 451

► ≥97%, FG

FEMA 3502 Flavis 12.024 CoE Nr 760

Organoleptic: sulfurous; meaty; alliaceous (onion, garlic)
Halal, Kosher

W350206-SAMPLE-K

W350206-25G-K	25 g
W350206-100G-K	100 g
W350206-1KG-K	1 kg

3-Mercapto-2-butanol

[40789-98-8] CH₃CH(SH)COCH₃ C₄H₈OS FW 104.17

Fen. 452

► ≥80%

FEMA 3298 Flavis 12.047 CoE Nr 11497

Organoleptic: chocolate; alliaceous (onion, garlic); meaty; coffee

W329800-SAMPLE-K

W329800-25G-K	25 g
W329800-100G-K	100 g
W329800-1KG-K	1 kg

3-Mercapto-2-butane solution

[40789-98-8] CH₃COCH₂SHCH₃ C₄H₈OS FW 104.17

► 10 wt. % in triacetin

FEMA 3298 Flavis 12.047

W329810-SAMPLE

W329810-1KG	1 kg
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▣ Mercaptoethylpyrazine, see Pyrazineethanethiol Page 116

8-Mercapto-3-methylbutanethione, see *p*-Mentha-8-thiol-3-one Page 77

3-Mercapto-3-methylbutanol, see 3-Mercapto-3-methylbutan-1-ol Page 78

3-Mercapto-3-methylbutan-1-ol

3-Mercapto-3-methylbutanol

[34300-94-2] C₅H₁₂OS FW 120.21

► ≥98%

FEMA 3854 Flavis 12.137

Kosher

W385409-SAMPLE-K

W385409-25G-K	25 g
W385409-100G-K	100 g

▣ 2-(1-Mercapto-1-methylethyl)-5-methylcyclohexanone, see *p*-Mentha-8-thiol-3-one Page 77

3-Mercapto-2-oxopropionic acid sodium salt, see Mercaptorylic acid sodium salt Page 79

2-,3-,10-Mercaptopinane, mixture of isomers

Pinanyl mercaptan
[23832-18-0] C₁₀H₁₈S FW 170.31

Fen. 453

► 95%

FEMA 3503 Flavis 12.141 CoE Nr 2332

Organoleptic: grapefruit; citrus; sulfurous Kosher

[W350303-SAMPLE-K](#)

[W350303-25G-K](#)

25 g

[W350303-100G-K](#)

100 g

[W350303-1KG-K](#)

1 kg

☒ 1-Mercaptopropanone (dimer), see 2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane Page 37

2-Mercaptopropionic acid

Thiolactic acid

[79-42-5] CH₃CH(SH)COOH C₃H₆O₂S FW 106.14 Fen. 456

► ≥95%

FEMA 3180 Flavis 12.039 CoE Nr 4156

Organoleptic: meaty
Halal, Kosher

[W318000-SAMPLE-K](#)

[W318000-1KG-K](#)

1 kg

[W318000-5KG-K](#)

5 kg

[W318000-10KG-K](#)

10 kg

[W318000-25KG-K](#)

25 kg

Mercaptopyruvic acid sodium salt

Sodium mercaptopyruvate; 3-Mercapto-2-oxopropionic acid sodium salt

[10255-67-1] HSCH₂COCOONa C₃H₃NaO₃S FW 142.11

► 90%

FEMA 3901

[W390101](#)

☒ 2-Mercaptothiophene, see 2-Thiophenethiol Page 123
Mesitol, see 2,4,6-Trimethylphenol Page 126
Mesityl oxide, see 4-Methyl-3-penten-2-one Page 92
p-Meth-1-en-3-yl-formate, see Terpinolene Page 121
Methional, see 3-(Methylthio)propionaldehyde Page 95

DL-Methionine

DL-2-Amino-4-(methylthio)butanoic acid; (±)-2-Amino-4-(methylmercapto)butyric acid

[59-51-8] CH₃SCH₂CH₂CH(NH₂)COOH C₅H₁₁NO₂S FW 149.21

Fen. 455

► ≥98.5%, FCC

FEMA 3301 Flavis 17.014 CoE Nr 569

[W330108-SAMPLE](#)

[W330108-1KG](#)

1 kg

[W330108-5KG](#)

5 kg

[W330108-10KG](#)

10 kg

☒ Methionol, see 3-(Methylthio)-1-propanol Page 95

2'-Methoxyacetophenone

2-Acetylanisole

[579-74-8] CH₃OC₆H₄COCH₃ C₉H₁₀O₂ FW 150.17

► 99%

FEMA 4163 Flavis 7.254

Soluble in: Alcohol

Organoleptic: earthy; medicinal

[W416301](#)

☒ 4'-Methoxyacetophenone, see Acetanisole Page 8
2-Methoxybenzaldehyde, see o-Anisaldehyde Page 14
3-Methoxybenzaldehyde, see m-Anisaldehyde Page 14
4-Methoxybenzaldehyde, see p-Anisaldehyde Page 14
Methoxybenzene, see Anisole Page 15
p-Methoxybenzoic acid, see p-Anisic acid Page 15
3-Methoxybenzoic acid, see m-Anisic acid Page 15
4-Methoxybenzoic acid, see p-Anisic acid Page 15
4-Methoxybenzyl alcohol, see Anisyl alcohol Page 15
4-Methoxybenzyl formate, see Anisyl formate Page 15
4-Methoxybenzyl methyl ketone, see 1-(o-Methoxyphenyl)-2-propanone Page 81
4-Methoxybenzyl propionate, see Anisyl propionate Page 15

2-Methoxy-4-methylphenol

2-Hydroxy-5-methylanisole; 2-Methoxy-p-cresol; Creosol; 4-Hydroxy-3-methoxytoluene; 4-Methylguaiacol

[93-51-6] FEMA 2671 Flavis 4.007

CH₃OC₆H₃(CH₃)OH C₈H₁₀O₂ FW 138.16

Arc. 705; Fen. 459

► ≥98%, FG

CoE Nr 175

Natural occurrence: Coffee, gruyere cheese, pork, beer, rum, bourbon whiskey, malt, sherry, cocoa, tea, mushroom, bourbon vanilla, green mate and jasmine flowers.

Organoleptic: carnation; cheese; chocolate; clove; jasmine; sweet; vanilla; wine-like; meaty; green; woody; smoky; coffee
Halal, Kosher, NI

[W267104-SAMPLE-K](#)

[W267104-100G-K](#)

100 g

[W267104-1KG-K](#)

1 kg

[W267104-5KG-K](#)

5 kg

[W267104-10KG-K](#)

10 kg

► natural, 97%

CoE Nr 175c

Natural occurrence: Coffee, gruyere cheese, pork, beer, rum, bourbon whiskey, malt, sherry, cocoa, tea, mushroom, bourbon vanilla, green mate, jasmine flowers.

Organoleptic: bacon; carnation; cheese; clove; jasmine; mesquite; medicinal; spicy; sweet; vanilla; meaty; coffee; smoky; woody; wine-like
Kosher

[W267112-SAMPLE-K](#)

[W267112-25G-K](#)

25 g

[W267112-100G-K](#)

100 g

[W267112-1KG-K](#)

1 kg

2-Methoxy-3-(1-methylpropyl)pyrazine

2-sec-Butyl-3-methoxypyrazine

[24168-70-5] C₉H₁₄N₂O FW 166.22

► ≥98%

FEMA 3433 Flavis 14.062 CoE Nr 11300

Organoleptic: green; vegetable; pepper

Halal, Kosher, NI

Fen. 459

[W343307-SAMPLE-K](#)

[W343307-25G-K](#)

25 g

[W343307-100G-K](#)

100 g

[W343307-1KG-K](#)

1 kg

2-Methoxy-3-methylpyrazine

[2847-30-5] C₆H₈N₂O FW 124.14

Fen. 460

► ≥99%, FCC, FG

FEMA 3183 Flavis 14.126 CoE Nr 2266

Organoleptic: almond

Halal, Kosher, NI

[W318302-SAMPLE-K](#)

[W318302-25G-K](#)

25 g

[W318302-100G-K](#)

100 g

[W318302-250G-K](#)

250 g

[W318302-1KG-K](#)

1 kg

[W318302-5KG-K](#)

5 kg

☒ 2-Methoxynaphthalene, see Nerolin Yara Yara Page 97

Methoxyorisopro

2-Methoxy-3(5 or 6)-isopropylpyrazine

3,5 Or 6-Isopropyl-2-methoxypyrazine

[93905-03-4] C₈H₁₂N₂O FW 152.19

Fen. 457

► ≥98%

FEMA 3358 Flavis 14.121 CoE Nr 11344

Natural occurrence: Green peas and potatoes.

Organoleptic: horseradish; earthy; green; peanut; pepper
Kosher, NI**W335800-1G-K**

1 g

W335800-25G-K

25 g

W335800-100G-K

100 g

☒ 2-Methoxyphenol, see Guaiacol Page 56

2-Methoxyphenyl acetate

O-Acetylguaiacol

[613-70-7] CH₃CO₂C₆H₄OCH₃ C₉H₁₀O₃ FW 166.17

Arc. 1475; Fen. 308

► ≥98%

FEMA 3687 Flavis 9.174 CoE Nr 552

Organoleptic: musty; woody; walnut

NI

W368709-SAMPLE**W368709-100G** 100 g**W368709-1KG** 1 kg**W368709-5KG** 5 kg☒ 4-Methoxyphenylacetone, see 1-(*p*-Methoxyphenyl)-2-propanone Page 81
1-(2-Methoxyphenylazo)-2-naphthol, see Sudan red G Page 120**4-(4-Methoxyphenyl)-2-butanone**

Anisylacetone

[104-20-1] CH₃OC₆H₄CH₂CH₂COCH₃ C₁₁H₁₄O₂

FW 178.23

Arc. 248; Fen. 461

► ≥98%, FCC, FG

FEMA 2672 Flavis 7.029 CoE Nr 163

Organoleptic: cherry; floral; raspberry; sweet Halal, Kosher, NI

W267201-SAMPLE-K**W267201-100G-K** 100 g**W267201-1KG-K** 1 kg**W267201-5KG-K** 5 kg

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3-(4-Methoxyphenyl)-1-propanol

[5406-18-8] CH₃OC₆H₄(CH₂)₃OH C₁₀H₁₄O₂
FW 166.22

► 99%

Flavis 2.173

W510262

1-(*p*-Methoxyphenyl)-2-propanone

4-Methoxyphenylacetone; 4-Methoxybenzyl methyl ketone

[122-84-9] CH₃OC₆H₄CH₂COCH₃ C₁₀H₁₂O₂
FW 164.20

Arc. 1883; Fen. 462

► ≥97%

FEMA 2674 Flavis 7.087 CoE Nr 2047

Organoleptic: caramel; creamy; vanilla
Kosher, NI

W267406-SAMPLE-K

W267406-100G-K 100 g

W267406-1KG-K 1 kg

W267406-5KG-K 5 kg

☒ trans-1-Methoxy-4-(1-propenyl)benzene, see trans-Anethole
Page 14

2-Methoxy-4-propenylphenol, see Isoeugenol Page 70

2-Methoxy-4-(2-propenyl)phenol, see Eugenol Page 51

2-Methoxy-4-propylphenol

4-Propylguaiacol; Dihydroeugenol

[2785-87-7] CH₃OC₆H₃(CH₂CH₂CH₃)OH C₁₀H₁₄O₂
FW 166.22

Arc. 944; Fen. 463

► ≥99%

FEMA 3598 Flavis 4.049

Natural occurrence: Fish, pork, grape brandy, mate, rum, whiskey, tea and sherry.

Organoleptic: anise; apricot; clove; oily; spicy; floral; pepper; woody; fishy; meaty; wine-like; soapy
Kosher, NI

W359807-SAMPLE-K

W359807-100G-K 100 g

W359807-1KG-K 1 kg

W359807-5KG-K 5 kg

2-Methoxypyrazine

[3149-28-8] C₅H₆N₂O FW 110.11

Fen. 464

► ≥99%, FCC

FEMA 3302 Flavis 14.054 CoE Nr 11347

Organoleptic: chocolate; nutty
Kosher, NI

W330205-SAMPLE-K

W330205-25G-K 25 g

W330205-100G-K 100 g

W330205-1KG-K 1 kg

2-Methoxythiophenol

2-Mercaptoanisole; 2-Methoxybenzenethiol; Thiomuic acid

[7217-59-6] CH₃OC₆H₄SH C₇H₈OS FW 140.20

► ≥97%

FEMA 4159 Flavis 12.139

Organoleptic: caramel; coffee; smoky
Halal

W415901-SAMPLE

W415901-25G 25 g

W415901-100G 100 g

W415901-500G 500 g

W415901-1KG 1 kg

2'-Methylacetophenone

NEW

Methyl o-tolyl ketone; o-Methylacetophenone; 2-Acetyltoluene; 1-(2-Tolyl)ethanone; 1-(2-Methylphenyl)ethanone

[577-16-2] CH₃C₆H₄COCH₃ C₉H₁₀O FW 134.18

► ≥96%

FEMA 4316 Flavis 7.251

Natural occurrence: Carambola.¹

Possible applications: Vanilla, cherry, almond, coumarin and various nut nuances.¹

Organoleptic: almond; cherry

Lit. cited: 1. Gerard Mosciano, *Perfum. Flavor.* 34 (1), 58-59 (2009)

W431600-SAMPLE

W431600-50G 50 g

W431600-250G 250 g

W431600-1KG 1 kg

4'-Methylacetophenone

Methyl p-tolyl ketone

[122-00-9] CH₃C₆H₄COCH₃ C₉H₁₀O FW 134.18

Arc. 1895; Fen. 466

► ≥95%, FCC, FG

FEMA 2677 Flavis 7.022 CoE Nr 156

Organoleptic: hawthorne; fruity

Halal, Kosher, NI

W267708-SAMPLE-K

W267708-1KG-K 1 kg

W267708-5KG-K 5 kg

W267708-10KG-K 10 kg

W267708-25KG-K 25 kg

☒ Methyl allylacetate, see Methyl 4-pentenoate Page 91
Methyl 2-aminobenzoate, see Methyl anthranilate
Page 82

Methyl o-anisate, see Methyl 2-methoxybenzoate Page 88

Methyl p-anisate

Methyl 4-methoxybenzoate; p-Anisic acid methyl ester

[121-98-2] CH₃OC₆H₄CO₂CH₃ C₉H₁₀O₃ FW 166.17

Arc. 1908; Fen. 469

► ≥99%

FEMA 2679 Flavis 9.713 CoE Nr 248

Natural occurrence: Cocoa, guava, mushroom.

Organoleptic: anise; chocolate; creamy; melon;

fruity; sweet; vanilla; woody; spicy

Kosher, NI

W267902-SAMPLE-K

W267902-250G-K 250 g

W267902-1KG-K 1 kg

W267902-5KG-K 5 kg

W267902-10KG-K 10 kg

2-Methylanisole

[578-58-5] CH₃C₆H₄OCH₃ C₈H₁₀O FW 122.16

Fen. 469

► ≥99%

FEMA 2680 Flavis 4.014 CoE Nr 187

Organoleptic: floral; earthy; walnut

Kosher, NI

W268003-SAMPLE-K

W268003-100G-K 100 g

W268003-1KG-K 1 kg

W268003-5KG-K 5 kg

Methylanisole

4-Methylanisole

[104-93-8] CH₃C₆H₄OCH₃ C₈H₁₀O FW 122.16
Arc. 719; Fen. 470

► ≥99%, FCC

FEMA 2681 Flavis 4.015 CoE Nr 188
Organoleptic: cedar; sweet; vanilla; camphoraceous
Halal, Kosher, NI

W268100-SAMPLE-K

W268100-1KG-K	1 kg
W268100-5KG-K	5 kg
W268100-10KG-K	10 kg

Methyl anthranilate

Methyl 2-aminobenzoate

[134-20-3] FEMA 2682 Flavis 9.715
2-(H₂N)C₆H₄CO₂CH₃ C₈H₉NO₂ FW 151.16
Organoleptic: chocolate; grape; grapefruit; jasmine; lemon; lime; musty; floral; fruity; citrus; herbaceous; strawberry; sweet; coffee; medicinal
Arc. 1910; Fen. 470

► ≥98%, FCC, FG

CoE Nr 250

Natural occurrence: Cocoa, coffee, grape, grapefruit, jasmine, lemon, lime, mandarin, strawberry and tangerine.

Halal, Kosher, NI

W268208-SAMPLE-K

W268208-1KG-K	1 kg
W268208-5KG-K	5 kg
W268208-10KG-K	10 kg

► natural (US), ≥99%, FG

CoE Nr 250c

Natural Occurrence: Cocoa, coffee, grape, grapefruit, jasmine, lemon, lime, mandarin, strawberry and tangerine.

Halal, Kosher

W268216-SAMPLE-K

W268216-25G-K	25 g
W268216-100G-K	100 g
W268216-1KG-K	1 kg

Methyl atratate

[4707-47-5] C₁₀H₁₂O₄ FW 196.20

► ≥98%

Flavis 9.623

W523305-SAMPLE

W523305-1KG	1 kg
W523305-5KG	5 kg
W523305-10KG	10 kg

☒ 2-Methylbenzaldehyde, see o-Tolualdehyde Page 124

3-Methylbenzaldehyde, see m-Tolualdehyde Page 124

4-Methylbenzaldehyde, see p-Tolualdehyde Page 124

α-Methyl-benzenepropanol, see 4-Phenyl-2-butanol

Page 109

2-Methylbenzenethiol, see o-Toluenethiol Page 124

Methyl benzoate

[93-58-3] FEMA 2683 Flavis 9.725 C₆H₅COOCH₃
C₈H₁₀O₂ FW 136.15

Organoleptic: fruity
Arc. 1912; Fen. 472; Fen. 470

► ≥98%, FCC

CoE Nr 260

NI

W268305-SAMPLE

W268305-1KG	1 kg
W268305-10KG	10 kg
W268305-25KG	25 kg

► natural, ≥98%, FCC

CoE Nr 260c

Kosher

W268313-SAMPLE-K

W268313-100G-K	100 g
W268313-1KG-K	1 kg
W268313-5KG-K	5 kg

2-Methylbenzoxazole NEW

2-Methyl-4,5-benzoxazole; 2-Methyl-1,3-benzoxazole

[95-21-6] C₈H₇NO FW 133.15

► 99%

FEMA 4398 Flavis 13.154

Possible applications: Tobacco, rice vanilla, nut nuances for pecan, almond and pistachio, cherry, coffee.¹

Organoleptic: almond; musty; vanilla

Lit. cited: 1. Gerard Mosciano, *Perfum. Flavor.* 34 (1), 58-59 (2009)

W439800-SAMPLE

W439800-1KG	1 kg
-------------	------

☒ 2-Methyl-1,3-benzoxazole, see 2-Methylbenzoxazole

Page 82

☒ 2-Methyl-4,5-benzoxazole, see 2-Methylbenzoxazole

Page 82

α-Methylbenzyl acetate

Styrryl acetate

[93-92-5] CH₃CO₂CH(CH₃)C₆H₅ C₁₀H₁₂O₂
FW 164.20

Arc. 2176; Fen. 473

► ≥98%, FCC

FEMA 2684 Flavis 9.178 CoE Nr 573

Organoleptic: apple; apricot; gardenia; green; pineapple; plum

Halal, Kosher, NI

W268402-SAMPLE-K

W268402-1KG-K	1 kg
W268402-5KG-K	5 kg
W268402-10KG-K	10 kg
W268402-25KG-K	25 kg

α-Methylbenzyl alcohol

(±)-1-Phenylethanol; Styrene alcohol; (±)-α-Methylbenzyl alcohol; Styrryl alcohol; Methyl phenyl carbinol

[98-85-1] C₆H₅CH(OH)CH₃ C₈H₁₀O FW 122.16
Arc. 2175; Fen. 473

► ≥99%, FCC

FEMA 2685 Flavis 2.064 CoE Nr 2030

Organoleptic: hyacinth

Halal, Kosher

W268518-SAMPLE-K

W268518-1KG-K	1 kg
W268518-10KG-K	10 kg
W268518-25KG-K	25 kg

☒ (±)-α-Methylbenzyl alcohol, see α-Methylbenzyl alcohol
Page 82

α-Methylbenzyl butyrate

Styrryl butyrate

[3460-44-4] CH₃CH₂CH₂CO₂CH(CH₃)C₆H₅
C₁₂H₁₆O₂ FW 192.25

Arc. 2179; Fen. 474

► ≥99%

FEMA 2686 Flavis 9.231 CoE Nr 2083

Organoleptic: fruity; earthy

Kosher

W268607-SAMPLE-K

W268607-100G-K	100 g
W268607-1KG-K	1 kg
W268607-5KG-K	5 kg

α-Methylbenzyl propionate**► >98%**

FEMA 2689 Flavis 9.144 CoE Nr 425

Organoleptic: gardenia; musty; green; earthy

Kosher

Arc. 2186; Fen. 476

W268909-SAMPLE-K

W268909-1KG-K	1 kg
W268909-5KG-K	5 kg
W268909-10KG-K	10 kg

☒ 4-Methylbiphenyl, see 4-Phenyltoluene Page 111

2-Methyl-1-butanethiol

[1878-18-8] C₂H₅CH(CH₃)CH₂SH C₅H₁₂S

FW 104.21

Fen. 477

► ≥95%

FEMA 3303 Flavis 12.048 CoE Nr 11509

W330302-SAMPLE

W330302-25G	25 g
W330302-100G	100 g
W330302-1KG	1 kg

3-Methyl-1-butanethiol

Isoamyl mercaptan

[541-31-1] (CH₃)₂CHCH₂CH₂SH C₅H₁₂S FW 104.21

► ≥97%

FEMA 3858 Flavis 12.171

W385808-SAMPLE

W385808-100G	100 g
W385808-1KG	1 kg
W385808-4KG	4 kg

3-Methyl-2-butanethiol

[2084-18-6] $(\text{CH}_3)_2\text{CHCH}(\text{SH})\text{CH}_3$ $\text{C}_5\text{H}_{12}\text{S}$
FW 104.21

Fen. 477

► ≥98%

FEMA 3304 Flavis 12.049 CoE Nr 11510

Kosher

[W330418-SAMPLE-K](#)

[W330418-25G-K](#) 25 g

[W330418-100G-K](#) 100 g

[W330418-1KG-K](#) 1 kg

2-Methyl-1-butanol

[137-32-6] FEMA 3998 Flavis 2.076
 $\text{C}_2\text{H}_5\text{CH}(\text{CH}_3)\text{CH}_2\text{OH}$ $\text{C}_5\text{H}_{12}\text{O}$ FW 88.15

► natural, ≥98.5%

Kosher

[W399817-SAMPLE-K](#)

[W399817-100G-K](#) 100 g

[W399817-1KG-K](#) 1 kg

[W399817-4KG-K](#) 4 kg

► ≥99%

Halal

[W399809-SAMPLE](#)

[W399809-1KG](#) 1 kg

[W399809-8KG](#) 8 kg

[W399809-20KG](#) 20 kg

▣ 3-Methyl-1-butanol, see Isoamyl alcohol Page 67
3-Methyl-2-butanol, see DL-3-Methyl-2-butanol Page 83

DL-3-Methyl-2-butanol

3-Methyl-2-butanol; Isopropyl methyl carbinol

[598-75-4] $(\text{CH}_3)_2\text{CHCH}(\text{OH})\text{CH}_3$ $\text{C}_5\text{H}_{12}\text{O}$ FW 88.15

► ≥98%

FEMA 3703 Flavis 2.111

NI

[W370304-SAMPLE](#)

[W370304-100G](#) 100 g

[W370304-1KG](#) 1 kg

[W370304-4KG](#) 4 kg

trans-2-Methyl-2-butenal

Tiglic aldehyde; Tiglinaldehyde; trans-2,3-Dimethyl-acrolein

[497-03-0] $\text{CH}_3\text{CH}=\text{C}(\text{CH}_3)\text{CHO}$ $\text{C}_5\text{H}_8\text{O}$ FW 84.12

Arc. 2950; Fen. 478

► ≥99%, FG

FEMA 3407 Flavis 5.095 CoE Nr 2281

Organoleptic: green; fruity

Halal, Kosher, NI

tiglic acid <2.0%

[W340707-SAMPLE-K](#)

[W340707-100G-K](#) 100 g

[W340707-1KG-K](#) 1 kg

[W340707-5KG-K](#) 5 kg

3-Methyl-2-butenal

3-Methylcrotonaldehyde; 3,3-Dimethylacrolein; 3,3-Dimethylacrylaldehyde; Prenal

[107-86-8] $(\text{CH}_3)_2\text{C}=\text{CHCHO}$ $\text{C}_5\text{H}_8\text{O}$ FW 84.12
Arc. 984

► 97%

FEMA 3646 Flavis 5.124

[W364607-SAMPLE](#)

[W364607-25G](#) 25 g

[W364607-100G](#) 100 g

[W364607-1KG](#) 1 kg

trans-2-Methyl-2-butenoic acid

trans-2,3-Dimethylacrylic acid; Tiglic acid

[80-59-1] $\text{CH}_3\text{CH}=\text{C}(\text{CH}_3)\text{COOH}$ $\text{C}_5\text{H}_8\text{O}_2$
FW 100.12

Arc. 2949; Fen. 479

► ≥99%, FG

FEMA 3599 Flavis 8.064 CoE Nr 10168

Organoleptic: balsam; spicy

Halal, Kosher

[W359904-SAMPLE-K](#)

[W359904-100G-K](#) 100 g

[W359904-1KG-K](#) 1 kg

[W359904-5KG-K](#) 5 kg

2-Methyl-3-butene-2-ol

1,1-Dimethylallyl alcohol; 3-Hydroxy-3-methyl-1-buten-3-ol

[115-18-4] $\text{CH}_2=\text{CHC}(\text{CH}_3)_2\text{OH}$ $\text{C}_5\text{H}_{10}\text{O}$ FW 86.13
Arc. 1924

► ≥98%

FEMA 2.123 CoE Nr 4162

Organoleptic: oily; earthy; herbaceous

Kosher

NI

[W503908-SAMPLE-K](#)

[W503908-1KG-K](#) 1 kg

[W503908-4KG-K](#) 4 kg

[W503908-8KG-K](#) 8 kg

3-Methyl-2-butene-1-ol

3-Dimethylallyl alcohol; Prenol

[556-82-1] $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{OH}$ $\text{C}_5\text{H}_{10}\text{O}$ FW 86.13

Arc. 985; Fen. 480

► ≥98%

FEMA 3647 Flavis 2.109 CoE Nr 4163

Organoleptic: green; fruity

Kosher, NI

[W364703-SAMPLE-K](#)

[W364703-1KG-K](#) 1 kg

[W364703-4KG-K](#) 4 kg

[W364703-8KG-K](#) 8 kg

3-Methyl-3-butene-1-ol

[763-32-6] $\text{CH}_2=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{OH}$ $\text{C}_5\text{H}_{10}\text{O}$
FW 86.13

► ≥97%

Flavis 2.176

[W519308-SAMPLE](#)

[W519308-1KG](#) 1 kg

[W519308-4KG](#) 4 kg

[W519308-9KG](#) 9 kg

▣ 3-methyl-2-butene-1-ol acetate, see Prenyl acetate
Page 112
3-methyl-2-butenoate, see Prenyl acetate Page 112
3-methyl-2-butene-1-yl acetate, see Prenyl acetate
Page 112

2-Methylbutyl acetate

[624-41-9] FEMA 3644 Flavis 9.286 CoE Nr 10762
 $\text{CH}_3\text{CO}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{C}_2\text{H}_5$ $\text{C}_7\text{H}_{14}\text{O}_2$ FW 130.18
Organoleptic: banana; peanut

Fen. 480

► 99%

Kosher, NI

[W364401-SAMPLE-K](#)

[W364401-1KG-K](#) 1 kg

[W364401-4KG-K](#) 4 kg

[W364401-9KG-K](#) 9 kg

[W364401-180KG-K](#) 180 kg

► natural, ≥94%, FG

Halal, Kosher

[W364428-SAMPLE-K](#)

[W364428-100G-K](#) 100 g

[W364428-1KG-K](#) 1 kg

[W364428-4KG-K](#) 4 kg

2-Methylbutyl isovalerate

2-Methylbutyl 3-methylbutanoate
[2445-77-4] FEMA 3506 Flavis 9.531 CoE Nr 10772
 $(\text{CH}_3)_2\text{CHCH}_2\text{CO}_2\text{CH}_2\text{CH}(\text{CH}_3)\text{C}_2\text{H}_5$ $\text{C}_{10}\text{H}_{20}\text{O}_2$
FW 172.26

Arc. 1936; Fen. 482

► ≥98%, FCC

Natural occurrence: Peppermint, Scotch spearmint, sherry and whiskey.

Organoleptic: apple; fatty; sweet; waxy; minty; wine-like; soapy; herbaceous

Halal, Kosher, NI

[W350605-SAMPLE-K](#)

[W350605-1KG-K](#) 1 kg

[W350605-4KG-K](#) 4 kg

[W350605-9KG-K](#) 9 kg

► natural, ≥98%, FCC

Kosher

Organoleptic: apple

[W350613-SAMPLE-K](#)

[W350613-100G-K](#) 100 g

[W350613-1KG-K](#) 1 kg

[W350613-4KG-K](#) 4 kg

▣ 2-Methylbutyl 3-methylbutanoate, see 2-Methylbutyl isovalerate Page 83

Methylbutylmeth

3-Methylbutyl 2-methylbutanoate

Isoamyl 2-methylbutyrate
 [27625-35-0] FEMA 3505 Flavis 9.53 C₁₀H₂₀O₂
 FW 172.26
 Fen. 481

► ≥98%

Organoleptic: fruity
 Kosher, NI

[W350508-SAMPLE-K](#)

W350508-100G-K	100 g
W350508-1KG-K	1 kg
W350508-4KG-K	4 kg

► natural, 70% 3-methylbutyl 2-methylbutanoate basis

CoE Nr 10721

Organoleptic: apple; sweet
 Kosher

3-methylbutyl 3-methylbutanoate 30%

[W350516-SAMPLE-K](#)

W350516-100G-K	100 g
W350516-1KG-K	1 kg
W350516-4KG-K	4 kg

2-Methylbutyl 2-methylbutyrate

DL-2-Methylbutyric acid 2-methylbutyl ester
 [2445-78-5] FEMA 3359 Flavis 9.516 CoE Nr 10773
 C₂H₅CH(CH₃)CO₂CH₂CH(CH₃)C₂H₅ C₁₀H₂₀O₂
 FW 172.26
 Fen. 482

► ≥90%, FG

Organoleptic: apple
 Halal, Kosher, NI

[W335908-SAMPLE-K](#)

W335908-100G-K	100 g
W335908-1KG-K	1 kg
W335908-4KG-K	4 kg

► natural, ≥98%

Organoleptic: apple; floral

[W335916-SAMPLE](#)

W335916-100G-K	100 g
W335916-1KG-K	1 kg

Methyl p-tert-butylphenylacetate

[3549-23-3] (CH₃)₃CC₆H₄CH₂CO₂CH₃ C₁₃H₁₈O₂
 FW 206.28
 Arc. 1934; Fen. 484

► ≥95%, FG

FEMA 2690 Flavis 9.758 CoE Nr 577
Organoleptic: creamy; hyacinth; jasmine; green; rose
 Halal, Kosher

[W269018-SAMPLE-K](#)

W269018-25G-K	25 g
W269018-100G-K	100 g
W269018-1KG-K	1 kg

2-Methylbutyraldehyde

[96-17-3] C₂H₅CH(CH₃)CHO C₅H₁₀O FW 86.13
 Arc. 1938; Fen. 484

► ≥90%

FEMA 2691 Flavis 5.049 CoE Nr 575

Halal, Kosher, NI

Organoleptic: chocolate; coffee

isopentanal <5%

[W269107-SAMPLE-K](#)

W269107-100G-K	100 g
W269107-1KG-K	1 kg
W269107-4KG-K	4 kg
W269107-8KG-K	8 kg

☒ 3-Methylbutyraldehyde, see Isovaleraldehyde Page 73

Methyl butyrate

[623-42-7] FEMA 2693 Flavis 9.038
 CH₃CH₂CH₂COOCH₃ C₅H₁₀O₂ FW 102.13
 Arc. 1939; Fen. 486

► ≥98%, FG

CoE Nr 263

Organoleptic: apple; ethereal
 Halal, Kosher, NI

[W269301-SAMPLE-K](#)

W269301-1KG-K	1 kg
W269301-5KG-K	5 kg
W269301-10KG-K	10 kg
W269301-20KG-K	20 kg

► natural, ≥98%, FG

CoE Nr 263c

Halal, Kosher

Organoleptic: apple

[W269328-SAMPLE-K](#)

W269328-100G-K	100 g
W269328-1KG-K	1 kg
W269328-4KG-K	4 kg

2-Methylbutyric acid

[116-53-0] C₂H₅CH(CH₃)CO₂H C₅H₁₀O₂ FW 102.13
 Arc. 1941; Fen. 486

► ≥98%, FG

FEMA 2695 Flavis 8.046 CoE Nr 2002

Natural occurrence: Apple, apricot, cider, cocoa, cranberry, grape, grape brandy, oriental tobacco, strawberry, vinegar and whiskey.

Organoleptic: apple; apricot; cheese; chocolate; grape; fruity; pineapple; sour; strawberry; wine-like; woody

Halal, Kosher, NI

[W269506-SAMPLE-K](#)

W269506-1KG-K	1 kg
W269506-5KG-K	5 kg
W269506-10KG-K	10 kg
W269506-25KG-K	25 kg

(±)-2-Methylbutyric acid

[116-53-0] CH₃CH₂CH(CH₃)COOH C₅H₁₀O₂
 FW 102.13

Arc. 1941; Fen. 486

► natural, ≥98%, FG

FEMA 2695 Flavis 8.046 CoE Nr 2002c

Natural Occurrence: Apple, apricot, cider, cocoa, cranberry, grape, grape brandy, oriental tobacco, strawberry, vinegar, whiskey.

Halal, Kosher

Organoleptic: apple; apricot; berry; cheese; chocolate; creamy; grape; fruity; peach; pineapple; sour; strawberry; woody; wine-like

[W269514-SAMPLE-K](#)

W269514-100G-K	100 g
W269514-1KG-K	1 kg
W269514-5KG-K	5 kg

☒ 3-Methylbutyric acid, see Isovaleric acid Page 73

DL-2-Methylbutyric acid 2-methylbutyl ester, see 2-Methylbutyl 2-methylbutyrate Page 84
 2-Methylbutyl 2-methylbutyrate Page 84
 γ-Methyl-γ-butyrolactone, see (±)-γ-Valerolactone Page 128

Methyl caproate, see Methyl decanoate Page 85

Methyl caproate, see Methyl hexanoate Page 87

2-Methylcaproic acid, see 2-Methylhexanoic acid Page 87

Methyl caprylate, see Methyl octanoate Page 90

Methyl cedryl ether

[19870-74-7] C₁₆H₂₈O FW 236.39

► >96%

[W525405-SAMPLE](#)

W525405-1KG	1 kg
W525405-5KG	5 kg
W525405-10KG	10 kg

α-Methylcinnamaldehyde

► ≥97%, FCC

FEMA 2697 Flavis 5.05 CoE Nr 578

Organoleptic: cinnamon; herbaceous; spicy; sweet

Kosher, NI

Arc. 1951; Fen. 488

[W269700-SAMPLE-K](#)

W269700-1KG-K	1 kg
W269700-5KG-K	5 kg
W269700-10KG-K	10 kg

Methyl cinnamate

[103-26-4] C₆H₅CH=CHCOOCH₃ C₁₀H₁₀O₂
FW 162.19

Arc. 1949; Fen. 488

► natural, ≥98%, FCC

FEMA 2698 Flavis 9.74 CoE Nr 333c
Halal, Kosher

[W269816-SAMPLE-K](#)

W269816-25G-K	25 g
W269816-100G-K	100 g
W269816-1KG-K	1 kg

Methyl trans-cinnamate

[1754-62-7] C₆H₅CH=CHCO₂CH₃ C₁₀H₁₀O₂
FW 162.19

Arc. 1949; Fen. 488

► ≥98%, FCC, FG

FEMA 2698 CoE Nr 333
Organoleptic: balsam; fruity; strawberry

Halal, Kosher, NI

[W269808-SAMPLE-K](#)

W269808-1KG-K	1 kg
W269808-10KG-K	10 kg
W269808-25KG-K	25 kg

6-Methylcoumarin

[92-48-8] C₁₀H₈O₂ FW 160.17

Arc. 1965; Fen. 490

► ≥99%, FCC, FG

FEMA 2699 Flavis 13.012 CoE Nr 579

Organoleptic: anise; coconut; creamy; herbaceous; vanilla; balsamic
Halal, Kosher

[W269905-SAMPLE-K](#)

W269905-100G-K	100 g
W269905-1KG-K	1 kg
W269905-5KG-K	5 kg

☒ 3-Methylcrotonaldehyde, see 3-Methyl-2-butenal Page 83

1-Methyl-1,4-cyclohexadiene

[4313-57-9] C₇H₁₀ FW 94.15

► ≥96%

[W508101-SAMPLE](#)

W508101-25G	25 g
W508101-100G	100 g
W508101-1KG	1 kg

Methyl cyclohexanecarboxylate

[4630-82-4] C₆H₁₁CO₂CH₃ C₈H₁₄O₂ FW 142.20

Fen. 492

► ≥98%

FEMA 3568 Flavis 9.536 CoE Nr 11920

Organoleptic: berry; creamy

[W356808-SAMPLE](#)

W356808-100G	100 g
W356808-1KG	1 kg
W356808-5KG	5 kg

3-Methyl-1,2-cyclohexanedione

[3008-43-3] CH₃C₆H₇(=O)₂ C₇H₁₀O₂ FW 126.15
Fen. 491

► ≥98%, FG

FEMA 3305 Flavis 7.08 CoE Nr 2311
Halal, NI

[W330507-SAMPLE](#)

W330507-25G	25 g
W330507-100G	100 g
W330507-1KG	1 kg

2-Methylcyclohexanone

Tetrahydro-o-cresol
[583-60-8] CH₃C₆H₉(=O) C₇H₁₂O FW 112.17

► ≥99%

FEMA 3946 Flavis 7.179

[W394602-SAMPLE](#)

W394602-100G	100 g
W394602-1KG	1 kg
W394602-5KG	5 kg

3-Methylcyclohexanone

Tetrahydro-m-cresol
[591-24-2] CH₃C₆H₉(=O) C₇H₁₂O FW 112.17

► ≥97%

FEMA 3947 Flavis 7.18

Natural Occurrence: Peppermint oil, cornmint oil, penny royal oil, buchu oil and heater beef fat.
Organoleptic: medicinal; camphoraceous; minty

[W394718-SAMPLE](#)

W394718-100G	100 g
W394718-1KG	1 kg
W394718-4KG	4 kg

4-Methylcyclohexanone

Tetrahydro-p-cresol
[589-92-4] CH₃C₆H₉(=O) C₇H₁₂O FW 112.17

► ≥99%

FEMA 3948

[W394807-SAMPLE](#)

W394807-100G	100 g
W394807-1KG	1 kg
W394807-4KG	4 kg

3-Methyl-2-cyclohexenone

[1193-18-6] CH₃C₆H₇(=O) C₇H₁₀O FW 110.15
Fen. 443

► ≥98%

FEMA 3360 Flavis 7.098 CoE Nr 11134

Organoleptic: caramel; cherry; nutty; medicinal
Kosher

NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W336009-SAMPLE-K](#)

W336009-100G-K	100 g
W336009-1KG-K	1 kg
W336009-5KG-K	5 kg

☒ (±)-2-(4-Methyl-3-cyclohexenyl)isopropyl acetate, see Terpinyl acetate Page 121
(S)-2-(4-Methyl-3-cyclohexenyl)-2-propanol, see α-Terpineol Page 121

Methyl cyclopentenolone

Cyclotene

[765-70-8] FEMA 2700 CoE Nr 758 C₆H₈O₂
FW 112.13

► 98%, FCC, FG

Organoleptic: caramel; maple; smoky; nutty; coffee
Halal, Kosher, NI

[W270008-SAMPLE-K](#)

W270008-100G-K	100 g
W270008-250G-K	250 g
W270008-1KG-K	1 kg
W270008-5KG-K	5 kg
W270008-25KG-K	25 kg

3-Methyl-2-cyclopenten-1-one**3-Methyl-2-cyclopentenone**

[2758-18-1] CH₃C₅H₅(=O) C₆H₈O FW 96.13

Fen. 494

► 97%

FEMA 3435 Flavis 7.112

W343502-25G	25 g
W343502-100G	100 g

Methyl decanoate

Methyl caprate; Capric acid methyl ester

[110-42-9] CH₃(CH₂)₈COOCH₃ C₁₁H₂₂O₂
FW 186.29

Arc. 1944

► ≥99%

Flavis 9.251 CoE Nr 2304

Organoleptic: oily; wine-like; fruity
NI

[W505501-SAMPLE](#)

W505501-100G	100 g
W505501-1KG	1 kg
W505501-4KG	4 kg

5H-5-Methyl-6,7-dihydrocyclopenta[b]pyrazine

[23747-48-0] C₈H₁₀N₂ FW 134.18

Fen. 495

► ≥97%, FG

FEMA 3306 Flavis 14.037 CoE Nr 2314

Halal, Kosher

Organoleptic: earthy; peanut

NI

[W330604-SAMPLE-K](#)

W330604-25G	25 g
W330604-100G	100 g
W330604-250G	250 g
W330604-1KG	1 kg

Methyldihydroja

Methyl dihydrojasmonate, mixture of *cis* and *trans*

[24851-98-7] C₁₃H₂₂O₃ FW 226.31
Arc. 2076; Fen. 496

► ≥96%

FEMA 3408 Flavis 9.52 CoE Nr 10785
Natural occurrence: Jasmine
Organoleptic: jasmine; sweet
Halal, Kosher, NI

[W340804-SAMPLE-K](#)

[W340804-1KG-K](#)

1 kg

[W340804-5KG-K](#)

5 kg

[W340804-10KG-K](#)

10 kg

4-Methyl-2,6-dimethoxyphenol

[6638-05-7] CH₃C₆H₂(OCH₃)₂OH C₉H₁₂O₃
FW 168.19

► ≥97%

FEMA 3704 Flavis 4.053

NI

Fen. 497

[W370401-SAMPLE](#)

[W370401-25G](#)

25 g

[W370401-100G](#)

100 g

[W370401-1KG](#)

1 kg

■ Methyl disulfide, see Dimethyl disulfide Page 38
Methyl dodecanoate, see Methyl laurate Page 88
Methyl enanthate, see Methyl heptanoate Page 86
3,4-(Methylenedioxy)benzaldehyde, see Piperonal Page 112
trans-(1R,9S)-8-Methylene-4,11,11-trimethylbicyclo[7.2.0]undec-4-ene, see β-Caryophyllene Page 26
(1R,4R,6R,10S)-9-Methylene-4,12,12-trimethyl-5-oxatricyclo[8.2.0.0^{4,6}]dodecane, see (-)-Caryophyllene oxide Page 26
Methyl ethyl ketone, see 2-Butanone Page 21

Methyl eugenol

Eugenol methyl ether; Eugenyl methyl ether [93-15-2] H₂C=CHCH₂C₆H₃(OCH₃)₂ C₁₁H₁₄O₂
FW 178.23

Arc. 2026; Fen. 649

► ≥98%, FCC

FEMA 2475 CoE Nr 185

Natural occurrence: Anise, banana, basil, cinnamon, cloves, nutmeg, plum, raspberry, peach, papaya, passionfruit, and apricot.

Organoleptic: anise; apricot; banana; chocolate; cinnamon; clove; coconut; creamy; musty; oily; fruity; spicy; peach; plum; raspberry; sweet; vanilla; earthy; woody; green

Kosher, NI

[W247502-SAMPLE-K](#)

[W247502-1KG-K](#)

1 kg

[W247502-10KG-K](#)

10 kg

[W247502-25KG-K](#)

25 kg

Methyl formate

Formic acid methyl ester [107-31-3] HCO₂CH₃ C₂H₄O₂ FW 60.05

► ≥95%

Flavis 9.642

[W519103-SAMPLE](#)

[W519103-1KG](#)

1 kg

[W519103-10KG](#)

10 kg

[W519103-25KG](#)

25 kg

■ 5-Methyl-2-furaldehyde, see 5-Methylfurfural Page 86

2-Methylfuran

Silvan

[534-22-5] C₅H₆O FW 82.10

► ≥98%

FEMA 4179 Flavis 13.03

Kosher, NI

contains 450 ppm BHT as stabilizer

[W417901-SAMPLE-K](#)

[W417901-1KG-K](#)

1 kg

[W417901-4KG-K](#)

4 kg

[W417901-9KG-K](#)

9 kg

■ Methyl furan-2-carboxylate, see Methyl 2-furoate Page 86
5-Methyl-2(3H)-furanone, see α-Angelica lactone Page 14
2-Methylfuran-3-thioacetate, see 2-Methyl-3-furanthiol acetate Page 86

Methyl furfuryl disulfide

Furfuryl methyl disulfide

[57500-00-2] C₆H₈OS₂ FW 160.26

► ≥95%, FG

FEMA 3362 Flavis 13.064 CoE Nr 11513

Natural occurrence: Coffee, malt, pork liver, wheat bread, asparagus, potato, roasted turkey, grilled beef, malt, cocoa, cooked rice, mushrooms, clams.

Organoleptic: caramel; nutty; fruity; coffee; vegetable; fishy; meaty; alliaceous (onion, garlic)

Halal, Kosher, NI

Fen. 502

[W336203-SAMPLE-K](#)

[W336203-25G-K](#)

25 g

[W336203-100G-K](#)

100 g

[W336203-1KG-K](#)

1 kg

Methyl 2-furoate

Methyl furan-2-carboxylate; Methyl pyromucate

[611-13-2] C₆H₆O₃ FW 126.11

Arc. 2033; Fen. 503

► ≥98%

FEMA 2703 Flavis 13.002 CoE Nr 358

Organoleptic: berry

Kosher

[W270318-SAMPLE-K](#)

[W270318-100G-K](#)

100 g

[W270318-1KG-K](#)

1 kg

3-(5-Methyl-2-furyl)butanal

[31704-80-0] C₉H₁₂O₂ FW 152.19

Fen. 504

► ≥99%

FEMA 3307 Flavis 13.058 CoE Nr 10355

Organoleptic: fruity; vegetable

[W330701-SAMPLE](#)

[W330701-25G](#)

25 g

[W330701-100G](#)

100 g

[W330701-1KG](#)

1 kg

■ 2-Methyl-3-furyl disulphide; 3,3'-Dithio-2,2'-dimethylidifuran, see Bis(2-Methyl-3-furyl) disulfide Page 19
S-(2-methyl-3-furyl) ethanethioate, see 2-Methyl-3-furanthiol acetate Page 86

2-Methyl-3-furyl thioacetate, see 2-Methyl-3-furanthiol acetate Page 86

Methylglyoxal solution, see Pyruvaldehyde solution

Page 116

4-Methylguaiacol, see 2-Methoxy-4-methylphenol

Page 79

2-Methoxy-4-methylphenol Page 79

Methyl heptanoate

Methyl enanthate

[106-73-0] CH₃(CH₂)₅COOCH₃ C₈H₁₆O₂ FW 144.21

Arc. 2046; Fen. 506

► ≥99%

FEMA 2705 Flavis 9.096 CoE Nr 368

Organoleptic: berry; green

Kosher

[W270504-SAMPLE-K](#)

[W270504-1KG-K](#)

1 kg

[W270504-4KG-K](#)

4 kg

[W270504-9KG-K](#)

9 kg

2-Methylheptanoic acid

[1188-02-9] $\text{CH}_3(\text{CH}_2)_4\text{CH}(\text{CH}_3)\text{CO}_2\text{H}$ $\text{C}_8\text{H}_{16}\text{O}_2$
FW 144.21

Arc. 2040; Fen. 507

► ≥97%

FEMA 2706 Flavis 8.047 CoE Nr 2003

Organoleptic: butter; cheese; creamy
Halal, Kosher

[W270601-SAMPLE-K](#)

[W270601-100G-K](#) 100 g

[W270601-1KG-K](#) 1 kg

[W270601-5KG-K](#) 5 kg

2-Methyl-3-heptanone

Butyl isopropyl ketone

[13019-20-0] $\text{CH}_3(\text{CH}_2)_3\text{COCH}(\text{CH}_3)_2$ $\text{C}_8\text{H}_{16}\text{O}$
FW 128.21

► 98%

FEMA 4000 Flavis 7.24

[W400009-SAMPLE](#)

[W400009-25G](#) 25 g

[W400009-100G](#) 100 g

[W400009-1KG](#) 1 kg

6-Methyl-5-hepten-2-ol

[1569-60-4] $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{CH}(\text{OH})\text{CH}_3$
 $\text{C}_8\text{H}_{16}\text{O}$ FW 128.21

► ≥99%

Flavis 2.124

[W511404-SAMPLE](#)

[W511404-25G](#) 25 g

[W511404-100G](#) 100 g

[W511404-1KG](#) 1 kg

6-Methyl-5-hepten-2-one

[110-93-0] FEMA 2707 Flavis 7.015 $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{COCH}_3$ $\text{C}_8\text{H}_{14}\text{O}$ FW 126.20

Kosher

Organoleptic: oily; herbaceous; green
Arc. 2043; Fen. 507

► ≥98%, FCC

CoE Nr 149

NI

[W270709-SAMPLE-K](#)

[W270709-1KG-K](#) 1 kg

[W270709-8KG-K](#) 8 kg

[W270709-20KG-K](#) 20 kg

► natural, ≥98%, FCC

CoE Nr 149c

[W270733-SAMPLE-K](#)

[W270733-25G-K](#) 25 g

[W270733-100G-K](#) 100 g

[W270733-1KG-K](#) 1 kg

5-Methyl-2-hepten-4-one, predominantly *trans*

Hazelnut ketone

[81925-81-7] $\text{C}_2\text{H}_5\text{CH}(\text{CH}_3)\text{COCH}=\text{CHCH}_3$ $\text{C}_8\text{H}_{14}\text{O}$
FW 126.20

Fen. 508

► 98%, FG

FEMA 3761 Flavis 7.139 CoE Nr 2085

Organoleptic: butter; hazelnut

Halal, Kosher

[W376108-SAMPLE-K](#)

[W376108-25G-K](#) 25 g

[W376108-100G-K](#) 100 g

[W376108-1KG-K](#) 1 kg

Methyl hexanoate

Methyl caproate; Caproic acid methyl ester

[106-70-7] FEMA 2708 Flavis 9.069
 $\text{CH}_3(\text{CH}_2)_3\text{COOCH}_3$ $\text{C}_7\text{H}_{14}\text{O}_2$ FW 130.18

Arc. 1945; Fen. 500; Fen. 509

► ≥99%, FG

CoE Nr 319

Organoleptic: ethereal; pineapple

Halal, NI

[W270806-SAMPLE](#)

[W270806-1KG](#) 1 kg

[W270806-4KG](#) 4 kg

[W270806-9KG](#) 9 kg

[W270806-20KG](#) 20 kg

► natural, ≥99%

CoE Nr 319c

Organoleptic: pineapple; ethereal

Halal, Kosher

[W270814-SAMPLE-K](#)

[W270814-100G-K](#) 100 g

[W270814-1KG-K](#) 1 kg

[W270814-4KG-K](#) 4 kg

2-Methylhexanoic acid

2-Methylcaproic acid

[4536-23-6] $\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{CH}_3)\text{COOH}$ $\text{C}_7\text{H}_{14}\text{O}_2$
FW 130.18

Fen. 510

► ≥99%, FG

FEMA 3191 Flavis 8.035 CoE Nr 582

Halal, Kosher

[W319104-SAMPLE-K](#)

[W319104-100G-K](#) 100 g

[W319104-1KG-K](#) 1 kg

[W319104-5KG-K](#) 5 kg

Methyl trans-3-hexenoate

[2396-78-3] $\text{CH}_3\text{CH}_2\text{CH}=\text{CHCH}_2\text{CO}_2\text{CH}_3$ $\text{C}_7\text{H}_{12}\text{O}_2$
FW 128.17

► 98%

FEMA 3364 Flavis 9.267

Kosher

Organoleptic: pineapple

[W336408-100G-K](#) 100 g

[W336408-1KG-K](#) 1 kg

[W336408-5KG-K](#) 5 kg

5-Methyl-5-hexen-2-one

[3240-09-3] $\text{H}_2\text{C}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{COCH}_3$ $\text{C}_7\text{H}_{12}\text{O}$
FW 112.17

► 99%

FEMA 3365 Flavis 7.100

[W336501](#)

► Methyl 2-hexynoate, see Cedar leaf oil Page 26
Methyl 2-hydroxybenzoate, see Methyl salicylate Page 93

Methyl 4-hydroxybenzoate

Methyl paraben; *p*-Hydroxybenzoic acid methyl ester

[99-76-3] $\text{HOCH}_2\text{CH}_2\text{CO}_2\text{CH}_3$ $\text{C}_8\text{H}_{8}\text{O}_3$ FW 152.15

► ≥99%, FCC

FEMA 2710 CoE Nr 657c

Kosher, NI

Fen. 513

[W271004-SAMPLE-K](#)

[W271004-1KG-K](#) 1 kg

[W271004-5KG-K](#) 5 kg

[W271004-10KG-K](#) 10 kg

Methyl 3-hydroxyhexanoate

[21188-58-9] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{CO}_2\text{CH}_3$
 $\text{C}_7\text{H}_{14}\text{O}_3$ FW 146.18

Arc. 2079

► ≥97%, FG

FEMA 3508 Flavis 9.532 CoE Nr 10812

Organoleptic: oily; wine-like; ethereal; fruity

Halal, Kosher, NI

Fen. 514

[W350818-SAMPLE-K](#)

[W350818-100G-K](#) 100 g

[W350818-1KG-K](#) 1 kg

[W350818-5KG-K](#) 5 kg



Methylhydroxyme

Methyl 4-hydroxy-3-methoxybenzoate, see Methyl vanillate
Page 95
3-Methylindole, see Skatole Page 118
Methyl isobutyl ketone, see 4-Methyl-2-pentanone
Page 91

Methyl isobutyrate

[547-63-7] $(\text{CH}_3)_2\text{CHCOOCH}_3$ $\text{C}_5\text{H}_{10}\text{O}_2$ FW 102.13
Arc. 1940; Fen. 517

► ≥98.5%

FEMA 2694 Flavis 9.412 CoE Nr 287
Organoleptic: fruity; floral
Kosher, NI

W269409-SAMPLE-K

W269409-1KG-K	1 kg
W269409-9KG-K	9 kg
W269409-20KG-K	20 kg

Methyl isocaproate, see Methyl 4-methylvalerate Page 89

Methyl isoeugenol

1,2-Dimethoxy-4-propenylbenzene; Isoeugenyl methyl ether

[93-16-3] $\text{CH}_3\text{CH}=\text{CHC}_6\text{H}_3(\text{OCH}_3)_2$ $\text{C}_{11}\text{H}_{14}\text{O}_2$
FW 178.23

► ≥98%

FEMA 2476 Flavis 4.013 CoE Nr 186
Organoleptic: spicy
Halal, Kosher, NI
Arc. 2027; Fen. 404

W247618-SAMPLE-K

W247618-250G-K	250 g
W247618-1KG-K	1 kg
W247618-10KG-K	10 kg

5-Methyl-2-isopropylphenol, see Thymol Page 124

2-Methyl-3-(*p*-isopropylphenyl)propion-aldehyde

[103-95-7] $(\text{CH}_3)_2\text{CHC}_6\text{H}_4\text{CH}_2\text{CH}(\text{CH}_3)\text{CHO}$
 $\text{C}_{13}\text{H}_{18}\text{O}$ FW 190.28

Fen. 517

► ≥90%, FCC

FEMA 2743 Flavis 5.045 CoE Nr 133
Organoleptic: floral; vegetable
Halal, Kosher
Arc. 758

W274305-SAMPLE-K

W274305-1KG-K	1 kg
W274305-5KG-K	5 kg
W274305-10KG-K	10 kg

Methyl isothiocyanate

NEW

[556-61-6] CH_3NCS $\text{C}_2\text{H}_3\text{NS}$ FW 73.12

► 97%

FEMA 4426

W442600-SAMPLE

W442600-1KG	1 kg
-------------	------

Methyl isovalerate

[556-24-1] $(\text{CH}_3)_2\text{CHCH}_2\text{COOCH}_3$ $\text{C}_6\text{H}_{12}\text{O}_2$
FW 116.16

Arc. 2264; Fen. 518

► ≥99%

FEMA 2753 Flavis 9.462 CoE Nr 457

Organoleptic: apple

Kosher, NI

W275301-SAMPLE-K

W275301-1KG-K	1 kg
W275301-4KG-K	4 kg
W275301-9KG-K	9 kg

Methyl 2-methoxybenzoate

Methyl o-anisate

[606-45-1] $\text{CH}_3\text{OC}_6\text{H}_4\text{CO}_2\text{CH}_3$ $\text{C}_9\text{H}_{10}\text{O}_3$ FW 166.17
Arc. 1877

► ≥97%

FEMA 2717 Flavis 9.796 CoE Nr 2192

Organoleptic: hyacinth; herbaceous

Kosher, NI

Fen. 522

W271705-SAMPLE-K

W271705-100G-K	100 g
W271705-1KG-K	1 kg
W271705-5KG-K	5 kg

Methyl 4-methoxybenzoate, see Methyl *p*-anisate
Page 81

1-Methyl-3-methoxy-4-isopropylbenzene

[1076-56-8] $\text{C}_{11}\text{H}_{16}\text{O}$ FW 164.24

Fen. 522

► 98%

FEMA 3436 Flavis 4.043 CoE Nr 11245

Natural Occurrence: Coffee, french fried potato.

Organoleptic: chocolate; musty; herbaceous; nutty; earthy; spicy; green; coffee; vegetable
Kosher

W343609-SAMPLE-K

W343609-100G-K	100 g
W343609-1KG-K	1 kg
W343609-5KG-K	5 kg

Methyl *N*-methylanthranilate, see Dimethyl anthranilate
Page 37

Methyl laurate

Methyl dodecanoate; Lauric acid methyl ester

[111-82-0] $\text{CH}_3(\text{CH}_2)_{10}\text{CO}_2\text{CH}_3$ $\text{C}_{13}\text{H}_{26}\text{O}_2$
FW 214.34

Arc. 2095; Fen. 520

► ≥98%

FEMA 2715 Flavis 9.101 CoE Nr 377

Organoleptic: coconut; creamy; soapy; waxy
NI

W271500-SAMPLE

W271500-1KG	1 kg
W271500-4KG	4 kg
W271500-9KG	9 kg

2-(Methylmercapto)ethanol, see 2-(Methylthio)ethanol
Page 94
3-(Methylmercapto)propionaldehyde, see 3-(Methylthio)
propionaldehyde Page 95

Methyl 2-methylbutyrate

[868-57-5] FEMA 2719 Flavis 9.483

$\text{CH}_3\text{CH}_2\text{CH}(\text{CH}_3)\text{COOCH}_3$ $\text{C}_6\text{H}_{12}\text{O}_2$ FW 116.16

Arc. 2108; Fen. 524

► ≥98%, FCC

CoE Nr 2085

Organoleptic: apple; sweet

Kosher, NI

W271918-SAMPLE-K

W271918-100G-K	100 g
W271918-1KG-K	1 kg
W271918-4KG-K	4 kg
W271918-9KG-K	9 kg
W271918-20KG-K	20 kg

► natural, ≥98%, FCC, FG

CoE Nr 2085c

Halal, Kosher

W271926-SAMPLE-K

W271926-100G-K	100 g
W271926-1KG-K	1 kg
W271926-4KG-K	4 kg

Methyl methacrylate

[80-62-6] $\text{CH}_2=\text{C}(\text{CH}_3)\text{COOCH}_3$ $\text{C}_5\text{H}_8\text{O}_2$

FW 100.12

► ≥98.5%

FEMA 4019 Flavis 9.647

contains 10-100 ppm hydroquinone monomethyl ether as inhibitor

W400201-SAMPLE

W400201-1KG	1 kg
W400201-5KG	5 kg
W400201-10KG	10 kg

2-Methyl-3-(3,4-methylenedioxyphenyl)-propanal

[1205-17-0] C₁₁H₁₂O₃ FW 192.21

Organoleptic: herbaceous; floral

W523909-SAMPLE

W523909-100G

100 g

W523909-1KG

1 kg

W523909-5KG

5 kg

☒ 7-Methyl-3-methylene-1,6-octadiene, see Myrcene

Page 96

5-Methyl-2-(1-methylethyl)cyclohexanol, see L-Menthol

Page 78

5-Methyl-2-(1-methylethyl)phenol, see Thymol Page 124

Methyl 2-methyl-3-furyl disulfide

[65505-17-1] C₆H₈OS₂ FW 160.26

FEMA 3573 Flavis 13.079 CoE Nr 11924

Natural Occurrence: Cooked beef and tea.

Kosher

Organoleptic: chocolate; fatty; peanut; sulfurous; alliaceous (onion, garlic); pepper; meaty; coffee; spicy

W357308-SAMPLE-K

W357308-25G-K

25 g

W357308-100G-K

100 g

W357308-1KG-K

1 kg

☒ Methyl (methylmercapto)acetate, see Methyl (methylthio)acetate Page 89

Methyl 3-(methylmercapto)propionate, see Methyl 3-(methylthio)propionate Page 89

Methyl 2-methylpentanoate

[2177-77-7] CH₃CH₂CH₂CH(CH₃)CO₂CH₃ C₇H₁₄O₂
FW 130.18

► ≥98%

FEMA 3707 Flavis 9.549

Organoleptic: hazelnut; fruity

W370703-SAMPLE

W370703-100G

100 g

W370703-1KG

1 kg

W370703-4KG

4 kg

Methyl (methylthio)acetate

Methyl (methylmercapto)acetate; Methyl S-methylthioglycolate

[16630-66-3] CH₃SCH₂COOCH₃ C₄H₈O₂S
FW 120.17

► 97%

FEMA 4003 Flavis 12.146

W400300-SAMPLE

W400300-25G

25 g

W400300-100G

100 g

W400300-1KG

1 kg

☒ Methyl methylthiofuran, see 2-Methyl-3-methylthiofuran Page 89

2-Methyl-3-methylthiofuran

Methyl methylthiofuran

[63012-97-5] C₆H₈OS FW 128.19

► ≥98%

FEMA 3949 Flavis 13.152

Natural Occurrence: Cooked beef and tea.

Organoleptic: cheese; nutty; sulfurous; meaty;

coffee; spicy

Kosher

W394904-SAMPLE-K

W394904-25G-K

25 g

W394904-100G-K

100 g

W394904-1KG-K

1 kg

☒ Methyl S-methylthioglycolate, see Methyl (methylthio)acetate Page 89

Methyl 3-(methylthio)propionate

Methyl 3-(methylmercapto)propionate

[13532-18-8] CH₃SCH₂CH₂COOCH₃ C₅H₁₀O₂S
FW 134.20

Arc. 2120; Fen. 526

► ≥98%, FG

FEMA 2720 Flavis 12.002 CoE Nr 428

Organoleptic: fruity; sulfurous

Halal, Kosher, NI

W272000-SAMPLE-K

W272000-250G-K

250 g

W272000-1KG-K

1 kg

W272000-5KG-K

5 kg

☒ Methyl 2-naphthyl ketone, see Methyl β-naphthyl ketone Page 89

Methyl 4-methylvalerate

Methyl isocaproate

[2412-80-8] (CH₃)₂CHCH₂CH₂CO₂CH₃ C₇H₁₄O₂
FW 130.18

Arc. 1946; Fen. 528

► ≥97%

FEMA 2721 Flavis 9.432 CoE Nr 322

Organoleptic: pineapple; sweet

NI

W272108-SAMPLE

W272108-100G

100 g

W272108-1KG

1 kg

W272108-4KG

4 kg

Methyl myristate

Methyl tetradecanoate; Myristic acid methyl ester

[124-10-7] CH₃(CH₂)₁₂COOCH₃ C₁₅H₃₀O₂

FW 242.40

Arc. 2121; Fen. 528

► ≥98%

FEMA 2722 Flavis 9.106 CoE Nr 387

Organoleptic: honey; fatty

Kosher, NI

W272205-SAMPLE-K

W272205-1KG-K

1 kg

W272205-8KG-K

8 kg

W272205-20KG-K

20 kg

1-Methylnaphthalene

[90-12-0] C₁₀H₈CH₃ C₁₁H₁₀ FW 142.20

Fen. 529

► ≥90%

FEMA 3193 Flavis 1.014 CoE Nr 11009

Organoleptic: earthy

Kosher, NI

W319309-SAMPLE-K

W319309-100G-K

100 g

W319309-1KG-K

1 kg

W319309-5KG-K

5 kg

☒ Methyl 2-naphthyl ether, see Nerolin Yara Yara Page 97

Methyl β-naphthyl ketone

2-Acetonaphthone; 2-Acetyl naphthalene; Methyl 2-naphthyl ketone; 2'-Acetonaphthone

[93-08-3] C₁₀H₇COCH₃ C₁₂H₁₀O FW 170.21

Arc. 2124; Fen. 529

► ≥99%, FCC

FEMA 2723 Flavis 7.013 CoE Nr 147

Organoleptic: berry; blossom; coconut; grape;

orange; fruity; floral; strawberry; sweet; vanilla

Kosher

W272302-SAMPLE-K

W272302-100G-K

100 g

W272302-1KG-K

1 kg

W272302-5KG-K

5 kg

☒ Methyl 2-naphthyl ketone, see Methyl β-naphthyl ketone Page 89

Methyl nicotinate

Nicotinic acid methyl ester

[93-60-7] C₇H₇NO₂ FW 137.14

Arc. 2126; Fen. 530

► ≥99%

FEMA 3709 Flavis 14.071

Organoleptic: herbaceous; tobacco

Kosher, NI

W370908-SAMPLE-K

W370908-1KG-K

1 kg

W370908-5KG-K

5 kg

W370908-10KG-K

10 kg

Methyl nonanoate

Methyl pelargonate; Nonanoic acid methyl ester

[1731-84-6] CH₃(CH₂)₇COOCH₃ C₁₀H₂₀O₂

FW 172.26

Arc. 2128; Fen. 531

► ≥97%

FEMA 2724 Flavis 9.108 CoE Nr 389

Organoleptic: coconut; nutty; wine-like

Kosher, NI

W272418-SAMPLE-K

W272418-1KG-K

1 kg

W272418-4KG-K

4 kg

W272418-9KG-K

9 kg

Methylnonanoica

4-Methylnonanoic acid

[45019-28-1] $\text{CH}_3(\text{CH}_2)_4\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$
 $\text{C}_{10}\text{H}_{20}\text{O}_2$ FW 172.26

► ≥97%

FEMA 3574 Flavis 8.062 CoE Nr 11925

Organoleptic: meaty

Kosher, NI

[W357405-SAMPLE-K](#)

[W357405-25G-K](#)

25 g

[W357405-100G-K](#)

100 g

[W357405-1KG-K](#)

1 kg

☒ Methyl 2-nonenanoate, see Methyl trans-2-nonenanoate
 Page 90

Methyl trans-2-nonenanoate

Methyl 2-nonenanoate

[111-79-5] $\text{CH}_3(\text{CH}_2)_5\text{CH}=\text{CHCO}_2\text{CH}_3$ $\text{C}_{10}\text{H}_{18}\text{O}_2$
 FW 170.25

Arc. 2139; Fen. 532

► ≥97%

FEMA 2725 Flavis 9.234 CoE Nr 2099

Organoleptic: green; violet

Halal, Kosher

[W272507-SAMPLE-K](#)

[W272507-100G-K](#)

100 g

[W272507-1KG-K](#)

1 kg

[W272507-5KG-K](#)

5 kg

Methyl 3-nonenanoate

[13481-87-3] $\text{CH}_3(\text{CH}_2)_4\text{CH}=\text{CHCH}_2\text{CO}_2\text{CH}_3$
 $\text{C}_{10}\text{H}_{18}\text{O}_2$ FW 170.25

Fen. 532

► ≥96%, FG

FEMA 3710 Flavis 9.298

Organoleptic: melon

Halal, Kosher, NI

[W371009-SAMPLE-K](#)

[W371009-100G-K](#)

100 g

[W371009-1KG-K](#)

1 kg

[W371009-4KG-K](#)

4 kg

☒ Methyl nonyl carbinol, see 2-Undecanol Page 127
 Methyl nonyl ketone, see 2-Undecanone Page 128

Methyl 2-nonyoate

[111-80-8] $\text{CH}_3(\text{CH}_2)_5\text{C}\equiv\text{CCO}_2\text{CH}_3$ $\text{C}_{10}\text{H}_{16}\text{O}_2$
 FW 168.23

Arc. 2144; Fen. 533

► 99%

FEMA 2726 Flavis 9.156 CoE Nr 479

Organoleptic: peach; violet

Halal, Kosher

[W272604-SAMPLE-K](#)

[W272604-100G-K](#)

100 g

[W272604-1KG-K](#)

1 kg

[W272604-5KG-K](#)

5 kg

Methyl cis-12-octadecenoate solution

NEW

cis-12-Octadecenoic acid methyl ester solution
 [2733-86-0] $\text{C}_{19}\text{H}_{36}\text{O}_2$ FW 296.49

► 100 mg/mL in ethanol, analytical standard, for food analysis
 ≥96.0% (GC)

[76064](#)

Methyl octanoate

Methyl caprylate; Caprylic acid methyl ester
 [111-11-5] $\text{CH}_3(\text{CH}_2)_6\text{COOCH}_3$ $\text{C}_9\text{H}_{18}\text{O}_2$ FW 158.24
 Arc. 1947; Fen. 534

► 99%

FEMA 2728 Flavis 9.117 CoE Nr 398

Organoleptic: fruity; green; citrus

Kosher, NI

[W272809-SAMPLE-K](#)

[W272809-1KG-K](#)

1 kg

[W272809-9KG-K](#)

9 kg

[W272809-20KG-K](#)

20 kg

(±)-4-Methyloctanoic acid

[54947-74-9] $\text{CH}_3(\text{CH}_2)_3\text{CH}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CO}_2\text{H}$
 $\text{C}_9\text{H}_{18}\text{O}_2$ FW 158.24

Fen. 534

► ≥98%, FG

FEMA 3575 Flavis 8.063 CoE Nr 11926

Natural occurrence: Cooked mutton and lamb.

Organoleptic: cheese; musty; mossy; green; plastic; meaty; waxy

Halal, Kosher, NI

[W357502-SAMPLE-K](#)

[W357502-25G-K](#)

25 g

[W357502-100G-K](#)

100 g

[W357502-1KG-K](#)

1 kg

Methyl trans-2-octenoate

[7367-81-9] $\text{CH}_3(\text{CH}_2)_4\text{CH}=\text{CHCO}_2\text{CH}_3$ $\text{C}_9\text{H}_{16}\text{O}_2$
 FW 156.22

Arc. 2143; Fen. 536

► ≥96%

FEMA 3712 Flavis 9.299 CoE Nr 11800

Organoleptic: fruity; green

Kosher, NI

[W371203-SAMPLE-K](#)

[W371203-100G-K](#)

100 g

[W371203-1KG-K](#)

1 kg

[W371203-4KG-K](#)

4 kg

☒ Methyl octyl ketone, see 2-Decanone Page 33

Methyl 2-octynoate

[111-12-6] $\text{CH}_3(\text{CH}_2)_4\text{C}\equiv\text{CCO}_2\text{CH}_3$ $\text{C}_9\text{H}_{14}\text{O}_2$
 FW 154.21

Arc. 2045; Fen. 536

► ≥99%, FCC, FG

FEMA 2729 Flavis 9.158 CoE Nr 481

Halal, Kosher

Organoleptic: green; vegetable; violet contains 0.1% alpha-tocopherol

[W272906-SAMPLE-K](#)

[W272906-100G-K](#)

100 g

[W272906-1KG-K](#)

1 kg

[W272906-5KG-K](#)

5 kg

2-Methyl-3(5 or 6)-ethoxypyrazine, mixture of isomers

2-Ethoxy-3(5 or 6)-methylpyrazine, mixture of isomers

[65504-94-1] $\text{C}_7\text{H}_{10}\text{N}_2\text{O}$ FW 138.17

Fen. 500

► 99%

FEMA 3569 CoE Nr 11325

Organoleptic: almond; earthy; pineapple

Halal, Kosher

[W356905-SAMPLE-K](#)

[W356905-25G-K](#)

25 g

[W356905-100G-K](#)

100 g

[W356905-1KG-K](#)

1 kg

3-Methyl-2-oxobutanoic acid sodium salt

Sodium 3-methyl-2-oxobutyrate; α-Ketoisovaleric acid sodium salt; Ketovaline sodium salt; 3-Methyl-2-oxobutyric acid sodium salt

[3715-29-5] $(\text{CH}_3)_2\text{CHCOCOONa}$ $\text{C}_5\text{H}_7\text{NaO}_3$
 FW 138.10

► 95%

[W386901-SAMPLE](#)

[W386901-10G](#)

10 g

☒ 3-Methyl-2-oxobutyric acid sodium salt, see 3-Methyl-2-oxobutanoic acid sodium salt Page 90

3-Methyl-2-oxopentanoic acid sodium salt

[3715-31-9] $\text{C}_2\text{H}_5\text{CH}(\text{CH}_3)\text{COCO}_2\text{Na}$ $\text{C}_6\text{H}_9\text{NaO}_3$
 FW 152.12

► ≥98%

FEMA 3870

[W387001-SAMPLE](#)

4-Methyl-2-oxopentanoic acid sodium salt

Sodium 4-methyl-2-oxovalerate; 4-Methyl-2-oxo-valeric acid sodium salt; Ketoleucine sodium salt; α-Ketoisopropanoic acid sodium salt

[4502-00-5] $(\text{CH}_3)_2\text{CHCH}_2\text{COCOONa}$ $\text{C}_6\text{H}_9\text{NaO}_3$
 FW 152.12

► 97%

FEMA 3871

[W387101-25G](#)

25 g

☒ Methyl 3-oxo-2-(2-pentenyl)cyclopentaneacetate, see Methyl jasmonate Page 88
 4-Methyl-2-oxoaleric acid sodium salt, see 4-Methyl-2-oxopentanoic acid sodium salt Page 90

Methyl palmitate

Methyl hexadecanoate; Palmitic acid methyl ester
 [112-39-0] CH₃(CH₂)₁₄CO₂CH₃ C₁₇H₃₄O₂
 FW 270.45

► ≥97%

Flavis 9.18 CoE Nr 581

[W509531-SAMPLE](#)

[W509531-1KG](#)

1 kg

[W509531-4KG](#)

4 kg

[W509531-8KG](#)

8 kg

☒ Methyl paraben, see Methyl 4-hydroxybenzoate Page 87
 Methyl pelargonate, see Methyl nonanoate Page 89

2-Methylpentanal

2-Methylvaleraldehyde

[123-15-9] CH₃CH₂CH₂CH(CH₃)CHO C₆H₁₂O
 FW 100.16
Fen. 537

► ≥97%

FEMA 3413 Flavis 5.069 CoE Nr 706

Organoleptic: earthy; ethereal; fruity
 NI

[W341304-SAMPLE](#)

[W341304-1KG](#)

1 kg

[W341304-4KG](#)

4 kg

[W341304-8KG](#)

8 kg

☒ Methyl pentanoate, see Methyl valerate Page 95

2-Methylpentanoic acid

2-Methylvaleric acid; 2-Methylpentanoic acid; (±)-2-Methylvaleric acid

[97-61-0] CH₃CH₂CH₂CH(CH₃)CO₂H C₆H₁₂O₂
 FW 116.16

► ≥98%, FCC, FG

FEMA 2754 Flavis 8.031 CoE Nr 31

Organoleptic: cheese; sour
 Halal, Kosher, NI
Arc. 2265; *Fen.* 582

[W275409-SAMPLE-K](#)

[W275409-100G-K](#)

100 g

[W275409-1KG-K](#)

1 kg

[W275409-5KG-K](#)

5 kg

3-Methylpentanoic acid

(±)-3-Methylvaleric acid

[105-43-1] CH₃CH₂CH(CH₃)CH₂CO₂H C₆H₁₂O₂
 FW 116.16

Arc. 2266; *Fen.* 538

► ≥98%, FG

FEMA 3437 Flavis 8.056 CoE Nr 10149

Organoleptic: berry; creamy; herbaceous
 Halal, Kosher, NI

[W343706-SAMPLE-K](#)

[W343706-25G-K](#)

25 g

[W343706-100G-K](#)

100 g

[W343706-1KG-K](#)

1 kg

4-Methylpentanoic acid

4-Methylvaleric acid; 4-Methylpentanoic acid; Iso-caproic acid
 [646-07-1] (CH₃)₂CHCH₂CH₂CO₂H C₆H₁₂O₂
 FW 116.16

Arc. 2267

► ≥98%, FCC, FG

FEMA 3463 Flavis 8.057 CoE Nr 10150

Organoleptic: cheese

Halal, Kosher, NI

[W346306-SAMPLE-K](#)

[W346306-250G-K](#)

250 g

[W346306-1KG-K](#)

1 kg

[W346306-10KG-K](#)

10 kg

2-Methyl-2-pentenal

[623-36-9] C₂H₅CH=C(CH₃)CHO C₆H₁₀O
 FW 98.14

Arc. 2015; *Fen.* 541

► ≥97%

FEMA 3194 Flavis 5.09 CoE Nr 2129

Organoleptic: fruity; green

Halal, Kosher, NI

[W319406-SAMPLE-K](#)

[W319406-1KG-K](#)

1 kg

[W319406-4KG-K](#)

4 kg

[W319406-9KG-K](#)

9 kg

Methyl 4-pentenoate

4-Pentenoic acid methyl ester; Methyl allylacetate;
 Allylacetic acid methyl ester

[818-57-5] C₆H₁₀O₂ FW 114.14

► ≥95%

FEMA 4353

[W435300-1G](#)

1 g

[W435300-25G](#)

25 g

[W435300-100G](#)

100 g

trans-2-Methyl-2-pentenoic acid

[16957-70-3] C₂H₅CH=C(CH₃)CO₂H C₆H₁₀O₂
 FW 114.14

► ≥98%, FCC, FG

FEMA 3195 CoE Nr 4177

Organoleptic: fruity

Halal, NI

Fen. 542

[W319503-SAMPLE](#)

[W319503-100G](#)

100 g

[W319503-1KG](#)

1 kg

[W319503-5KG](#)

5 kg

[W319503-10KG](#)

10 kg

2-Methyl-4-pentenoic acid

[1575-74-2] H₂C=CHCH₂CH(CH₃)CO₂H C₆H₁₀O₂
 FW 114.14

Fen. 543

► ≥98%

FEMA 3511 Flavis 8.059 CoE Nr 10148

Organoleptic: cheese

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W351105-SAMPLE-K](#)

[W351105-100G-K](#)

100 g

[W351105-1KG-K](#)

1 kg

[W351105-5KG-K](#)

5 kg

Methylpentenone

4-Methyl-3-penten-2-one

Mesityl oxide
 [141-79-7] $(\text{CH}_3)_2\text{C}=\text{CHCOCH}_3$ $\text{C}_6\text{H}_{10}\text{O}$ FW 98.14
 Arc. 1856; Fen. 543
 ▶ ≥90%
 FEMA 3368 Flavis 7.101 CoE Nr 11853

NI
Organoleptic: vegetable; vanilla
 4-methyl-4-penten-2-one ≤10%

[W336807-SAMPLE](#)

W336807-1KG	1 kg
W336807-4KG	4 kg
W336807-9KG	9 kg

- ☒ cis-3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one, see *cis-Jasmone* Page 73
- Methyl pentyl carbinol, see 2-Heptanol Page 57
- 3-Methyl-2-pentyl-2-cyclopenten-1-one, see Dihydrojasnone Page 35
- Methyl pentyl ketone, see 2-Heptanone Page 58
- β-Methylphenethyl alcohol, see 2-Phenyl-1-propanol Page 109
- 2-Methylphenol, see *o-Cresol* Page 31
- 3-Methylphenol, see *m-Cresol* Page 31
- 4-Methylphenol, see *p-Cresol* Page 31

Methyl phenylacetate

[101-41-7] $\text{C}_6\text{H}_5\text{CH}_2\text{CO}_2\text{CH}_3$ $\text{C}_9\text{H}_{10}\text{O}_2$ FW 150.17
 Arc. 2169; Fen. 546

▶ ≥98%, FCC
 FEMA 2733 Flavis 9.783 CoE Nr 2155
Organoleptic: honey; jasmine; sweet

Halal, Kosher, NI

[W273309-SAMPLE-K](#)

W273309-1KG-K	1 kg
W273309-5KG-K	5 kg
W273309-10KG-K	10 kg

- ☒ Methyl phenyl carbinol, see α-Methylbenzyl alcohol Page 82
- 4-Methyl-2-phenyl-1,3-dioxolane, see Benzaldehyde propylene glycol acetal, mixture of isomers Page 16
- 1-(2-Methylphenyl)ethanone, see 2'-Methylacetophenone Page 81
- Methyl phenyl ether, see Anisole Page 15

5-Methyl-2-phenyl-2-hexenal

[21834-92-4] $(\text{CH}_3)_2\text{CHCH}_2\text{CH}=\text{C}(\text{C}_6\text{H}_5)\text{CHO}$
 $\text{C}_{13}\text{H}_{16}\text{O}$ FW 188.27
 Fen. 550

▶ ≥96%, FG
 FEMA 3199 Flavis 5.099 CoE Nr 10365
Organoleptic: chocolate

Halal, Kosher, NI

[W319902-SAMPLE-K](#)

W319902-100G-K	100 g
W319902-250G-K	250 g
W319902-1KG-K	1 kg
W319902-5KG-K	5 kg

- ☒ Methyl phenyl ketone, see Acetophenone Page 8
- 4-Methyl-1-phenyl-2-pentanol, see α-Isobutylphenethyl alcohol Page 70

4-Methyl-1-phenyl-2-pantanone

Benzyl isobutyl ketone
 [5349-62-2] $(\text{CH}_3)_2\text{CHCH}_2\text{COCH}_2\text{C}_6\text{H}_5$ $\text{C}_{12}\text{H}_{16}\text{O}$
 FW 176.25
 Arc. 2201; Fen. 551

▶ ≥92%, FG
 FEMA 2740 Flavis 7.025 CoE Nr 159
Organoleptic: woody; spicy; sweet

Halal, Kosher

4-methyl-1-phenyl-2-pentanol 1.6%

[W274003-SAMPLE-K](#)

W274003-25G-K	25 g
W274003-100G-K	100 g
W274003-1KG-K	1 kg

4-Methyl-2-phenyl-2-pentenal, mixture of cis and trans

[26643-91-4] $(\text{CH}_3)_2\text{CHCH}=\text{C}(\text{C}_6\text{H}_5)\text{CHO}$ $\text{C}_{12}\text{H}_{14}\text{O}$
 FW 174.24
 Fen. 551

▶ ≥88%

FEMA 3200 Flavis 5.1 CoE Nr 10366
Organoleptic: chocolate

Halal, Kosher, NI

[W320005-SAMPLE-K](#)

W320005-100G-K	100 g
W320005-1KG-K	1 kg
W320005-5KG-K	5 kg

2-Methyl-1-phenyl-2-propanol

1,1-Dimethyl-2-phenylethyl alcohol; Benzyl dimethyl carbinol
 [100-86-7] $\text{C}_6\text{H}_5\text{CH}_2\text{C}(\text{CH}_3)_2\text{OH}$ $\text{C}_{10}\text{H}_{14}\text{O}$
 FW 150.22

▶ 98%

FEMA 2393 Flavis 2.035

[W239301-SAMPLE](#)

W239301-1KG	1 kg
W239301-5KG	5 kg
W239301-10KG	10 kg

1-Methylpiperidine

▶ ≥98%

Kosher

[W510211-SAMPLE-K](#)

W510211-1KG-K	1 kg
W510211-4KG-K	4 kg
W510211-8KG-K	8 kg

2-Methylpiperidine

α-Pipecoline; 2-Pipecoline
 [109-05-7] $\text{C}_6\text{H}_{13}\text{N}$ FW 99.17

▶ 98%

FEMA 4244 Flavis 14.133

[W424401-SAMPLE](#)

W424401-1KG	1 kg
W424401-4KG	4 kg

2-Methyl-1-propanethiol

Isobutyl mercaptan
 [513-44-0] $(\text{CH}_3)_2\text{CHCH}_2\text{SH}$ $\text{C}_4\text{H}_{10}\text{S}$ FW 90.19

▶ ≥92%

FEMA 3874 Flavis 12.173

Halal, Kosher

[W387401-SAMPLE-K](#)

W387401-1KG-K	1 kg
W387401-4KG-K	4 kg
W387401-8KG-K	8 kg

- ☒ 2-Methyl-1-propanol, see Isobutyl alcohol Page 69
- Methyl propenyl ketone, see 3-Penten-2-one Page 105
- (4S)-2-(2-Methyl-1-propenyl)-4-methyltetrahydropyran, see Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2H-pyran Page 122
- 2-Methylpropionaldehyde, see Isobutyraldehyde Page 70

Methyl propionate

[554-12-1] $\text{CH}_3\text{CH}_2\text{COOCH}_3$ $\text{C}_4\text{H}_8\text{O}_2$ FW 88.11
 Arc. 2209; Fen. 553

▶ ≥98%

FEMA 2742 Flavis 9.134 CoE Nr 415
Organoleptic: apple; banana; strawberry

Kosher, NI

[W274208-SAMPLE-K](#)

W274208-1KG-K	1 kg
W274208-5KG-K	5 kg
W274208-10KG-K	10 kg
W274208-20KG-K	20 kg

- ☒ 2-Methylpropionic acid, see Isobutyric acid Page 70
- Methyl propyl carbinol, see 2-Pentanol Page 104

Methyl propyl disulfide

[2179-60-4] $\text{CH}_3\text{CH}_2\text{CH}_2\text{SSCH}_3$ $\text{C}_4\text{H}_{10}\text{S}_2$
 FW 122.25

Arc. 2218; Fen. 555

▶ ≥90%

FEMA 3201 Flavis 12.019 CoE Nr 585
Organoleptic: alliaceous (onion, garlic)

Kosher, NI

[W320102-SAMPLE-K](#)

W320102-25G-K	25 g
W320102-100G-K	100 g
W320102-1KG-K	1 kg

- ☒ Methyl propyl ketone, see 2-Pentanone Page 105

2-Methyl-4-propyl-1,3-oxathiane, mixture of cis and trans

[67715-80-4] C₈H₁₆OS FW 160.28
Fen. 556

► ≥98%, FG

FEMA 3578 Flavis 16.03 CoE Nr 11540

Organoleptic: tropical; green
Halal, Kosher

[W357804-SAMPLE-K](#)

[W357804-25G-K](#)

25 g

[W357804-100G-K](#)

100 g

[W357804-1KG-K](#)

1 kg

2-Methyl-3-propylpyrazine

[15986-80-8] C₈H₁₂N₂ FW 136.19

► ≥98%

Flavis 14.129

Organoleptic: nutty
Kosher

[W502502](#)

2-(1-Methylpropyl)thiazole

2-sec-Butylthiazole

[18277-27-5] C₇H₁₁NS FW 141.23

Fen. 557

► ≥98%

FEMA 3372 Flavis 15.022 CoE Nr 11598

Natural occurrence: Tomato.

Organoleptic: chocolate; musty; herbaceous; nutty; green; pepper; vegetable; alliaceous (onion, garlic); minty

Kosher, NI

[W337218-SAMPLE-K](#)

[W337218-25G-K](#)

25 g

[W337218-100G-K](#)

100 g

[W337218-1KG-K](#)

1 kg

Methyl propyl trisulfide

NEW

[17619-36-2] C₄H₁₀S₃ FW 154.32

Arc. 2229; Fen. 558

► 50%, FG

FEMA 3308 Flavis 12.02

[W330829-SAMPLE](#)

[W330829-1KG](#)

1 kg

2-Methylpyrazine

[109-08-0] C₅H₆N₂ FW 94.11

Fen. 559

► ≥99%, FCC, FG

FEMA 3309 Flavis 14.027 CoE Nr 2270

Organoleptic: chocolate; nutty; meaty; green
Halal, Kosher, NI

[W330906-SAMPLE-K](#)

[W330906-100G-K](#)

100 g

[W330906-1KG-K](#)

1 kg

[W330906-5KG-K](#)

5 kg

▣ Methyl pyrazinyl sulfide, see 2-(Methylthio)pyrazine
Page 95

Methyl 2-pyridyl ketone, see 2-Acetylpyridine Page 9

Methyl 3-pyridyl ketone, see 3-Acetylpyridine Page 9

Methyl pyromucate, see Methyl 2-furoate Page 86

N-Methylpyrrole, see 1-Methylpyrrole Page 93

1-Methylpyrrole

N-Methylpyrrole

[96-54-8] C₅H₇N FW 81.12

Arc. 2231

► ≥99%

Flavis 14.023

Organoleptic: woody; smoky; herbaceous
NI

[W509973-SAMPLE](#)

[W509973-250G](#)

250 g

[W509973-1KG](#)

1 kg

[W509973-5KG](#)

5 kg

Methyl 2-pyrrolyl ketone

2-Acetylpyrrole

[1072-83-9] C₆H₇NO FW 109.13

Fen. 560

► ≥98%, FG

FEMA 3202 Flavis 14.047 CoE Nr 4035

Organoleptic: walnut

Halal, Kosher, NI

[W320218-SAMPLE-K](#)

[W320218-100G-K](#)

100 g

[W320218-1KG-K](#)

1 kg

[W320218-5KG-K](#)

5 kg

4-Methylquinoline

Lepidine

[491-35-0] C₁₀H₉N FW 143.19

► ≥99%

Flavis 14.002 CoE Nr 488

[W513903-SAMPLE](#)

[W513903-100G](#)

100 g

[W513903-1KG](#)

1 kg

[W513903-5KG](#)

5 kg

6-Methylquinoline

p-Toluoquinoline

[91-62-3] C₁₀H₉N FW 143.19

► ≥98%, FG

FEMA 2744 Flavis 14.042 CoE Nr 2339

Halal, NI

[W274402-SAMPLE](#)

[W274402-100G](#)

100 g

[W274402-250G](#)

250 g

[W274402-1KG](#)

1 kg

2-Methylquinoxaline

[7251-61-8] C₉H₈N₂ FW 144.17

► ≥97%

Flavis 14.139

[W511609-SAMPLE](#)

[W511609-100G](#)

100 g

[W511609-1KG](#)

1 kg

[W511609-5KG](#)

5 kg

5-Methylquinoxaline

[13708-12-8] C₉H₈N₂ FW 144.17

Fen. 561

► ≥99%, FG

FEMA 3203 Flavis 14.028 CoE Nr 2271

Organoleptic: coffee; nutty

Halal, Kosher, NI

[W320307-SAMPLE-K](#)

[W320307-100G-K](#)

100 g

[W320307-250G-K](#)

250 g

[W320307-1KG-K](#)

1 kg

Methyl salicylate

2-Hydroxybenzoic acid methyl ester; Oil of wintergreen; Wintergreen oil; Methyl 2-hydroxybenzoate

[119-36-8] 2-(HO)₂C₆H₄CO₂CH₃ C₈H₆O₃ FW 152.15

Arc. 2241; Fen. 163

► ≥98%, FCC

FEMA 2745 Flavis 9.749 CoE Nr 433

Organoleptic: spicy; minty; sweet

Halal, Kosher, NI

[W274518-SAMPLE-K](#)

[W274518-1KG-K](#)

1 kg

[W274518-5KG-K](#)

5 kg

[W274518-10KG-K](#)

10 kg

▣ m-Methylsalicylic acid, see m-Anisic acid Page 15

Methyl stearate

Methyl octadecanoate; Stearic acid methyl ester

[112-61-8] CH₃(CH₂)₁₆CO₂CH₃ C₁₉H₃₈O₂

FW 298.50

Arc. 2242

► ≥96%

Flavis 9.651

Organoleptic: oily

[W504807-SAMPLE](#)

[W504807-1KG](#)

1 kg

[W504807-5KG](#)

5 kg

[W504807-10KG](#)

10 kg

▣ Methyl styryl ketone, see Benzylideneacetone Page 18

Methyl sulfide, see Dimethyl sulfide Page 40

Methyl sulfoxide

DMSO; Dimethyl sulfoxide

[67-68-5] (CH₃)₂SO C₂H₆OS FW 78.13

Supercools easily and remelts slowly at room temperature. Solidified product can be re-liquified by warming to room temperature without detriment to the product.

► ≥99%

FEMA 3875 Flavis 12.175

Organoleptic: butter; alliaceous (onion, garlic)

Halal

[W387509-SAMPLE](#)

[W387509-1KG](#)

1 kg

[W387509-10KG](#)

10 kg

[W387509-25KG](#)

25 kg

▣ 2-Methyltetrahydro-3-furanone, see 2-Methyltetrahydrofuran-3-one Page 93

Methyltetrahydr

2-Methyltetrahydrofuran-3-one

4,5-Dihydro-2-methyl-3(2H)-furanone [3188-00-9] C ₆ H ₈ O ₂ FW 100.12 Fen. 563
▶ ≥97%, FG
FEMA 3373 Flavis 13.042 CoE Nr 2338
<i>Organoleptic:</i> butter Halal, Kosher, NI
W337307-SAMPLE-K
W337307-100G-K 100 g
W337307-250G-K 250 g
W337307-1KG-K 1 kg
W337307-5KG-K 5 kg

2-Methyl-3-tetrahydrofuranthiol

[57124-87-5] C ₅ H ₁₀ OS FW 118.20 Fen. 563
▶ mixture of <i>cis</i> and <i>trans</i> , ≥97%, FG
FEMA 3787 Flavis 13.16
<i>Natural Occurrence:</i> Beef.
<i>Organoleptic:</i> caramel; sulfurous; alliaceous (onion, garlic); meaty; coffee Halal, Kosher
W378704-SAMPLE-K
W378704-25G-K 25 g
W378704-100G-K 100 g
W378704-1KG-K 1 kg

2-Methyl-3-tetrahydrofuranthiol solution

[57124-87-5]
▶ 1.0 wt. % in propylene glycol
Flavis 13.16
<i>Organoleptic:</i> sulfurous
W550701-SAMPLE
W550701-100G 100 g
W550701-1KG 1 kg

2-Methyltetrahydrothiophen-3-one

[13679-85-1] C ₅ H ₈ OS FW 116.18
▶ ≥97%
FEMA 3512 Flavis 15.023 CoE Nr 11601
<i>Organoleptic:</i> butter; balsamic Kosher
NI
W351202-SAMPLE-K
W351202-25G-K 25 g
W351202-100G-K 100 g
W351202-1KG-K 1 kg

4-Methylthiazole

[693-95-8] C ₄ H ₅ NS FW 99.15 Fen. 565
▶ ≥98%
FEMA 3716 Flavis 15.035 CoE Nr 11627
<i>Organoleptic:</i> nutty; green Halal, Kosher, NI
W371602-SAMPLE-K
W371602-100G-K 100 g
W371602-1KG-K 1 kg
W371602-5KG-K 5 kg

4-Methyl-5-thiazoleethanol

5-(2-Hydroxyethyl)-4-methylthiazole; Sulfurol [137-00-8] C ₆ H ₉ NOS FW 143.21 Arc. 2243; Fen. 565
▶ ≥98%, FG
FEMA 3204 Flavis 15.014 CoE Nr 11621
<i>Organoleptic:</i> nutty; meaty Halal, Kosher, NI
W320404-SAMPLE-K
W320404-250G-K 250 g
W320404-1KG-K 1 kg
W320404-5KG-K 5 kg
W320404-10KG-K 10 kg
W320404-25KG-K 25 kg

4-(Methylthio)butanol

▶ ≥97%
FEMA 3600 Flavis 12.078
<i>Organoleptic:</i> cabbage; alliaceous (onion, garlic) Kosher
W360007-SAMPLE-K
W360007-25G-K 25 g
W360007-100G-K 100 g
W360007-1KG-K 1 kg

4-Methylthio-2-butanone

[34047-39-7] CH ₃ SCH ₂ CH ₂ COCH ₃ C ₅ H ₁₀ OS FW 118.20 Fen. 570
▶ ≥97%
FEMA 3375 Flavis 12.057 CoE Nr 11688
<i>Organoleptic:</i> fruity; sweet Kosher
W337501-SAMPLE-K
W337501-25G-K 25 g
W337501-100G-K 100 g
W337501-1KG-K 1 kg

Methyl thiobutyrate

S-Methyl thiobutyrate; S-Methyl thiobutanoate [2432-51-1] CH ₃ CH ₂ CH ₂ COSCH ₃ C ₅ H ₁₀ OS FW 118.20
▶ ≥97%, FG
FEMA 3310 Flavis 12.032 CoE Nr 2328
<i>Organoleptic:</i> cheese; musty; vegetable; animal; alliaceous (onion, garlic)
Halal, Kosher, NI
Fen. 571
W331007-SAMPLE-K
W331007-100G-K 100 g
W331007-1KG-K 1 kg
W331007-5KG-K 5 kg

☒ S-Methyl thiobutyrate, see Methyl thiobutyrate Page 94

2-(Methylthio)ethanol

2-(Methylmercapto)ethanol; 2-Hydroxyethyl methyl sulfide [5271-38-5] CH ₃ SCH ₂ CH ₂ OH C ₃ H ₆ OS FW 92.16
▶ ≥99%
FEMA 4004 Flavis 12.179
W400408-SAMPLE
W400408-100G 100 g
W400408-1KG 1 kg
W400408-5KG 5 kg

Methyl 2-thiofuroate

[13679-61-3] C ₆ H ₆ O ₂ S FW 142.18 Fen. 571
▶ ≥98%
FEMA 3311 Flavis 13.142 CoE Nr 11547
<i>Organoleptic:</i> creamy; sulfurous; alliaceous (onion, garlic)
Halal, Kosher, NI
W331104-SAMPLE-K
W331104-25G-K 25 g
W331104-100G-K 100 g
W331104-250G-K 250 g
W331104-1KG-K 1 kg

3-(Methylthio)-1-hexanol

[51755-66-9] CH₃CH₂CH₂CH(SCH₃)CH₂CH₂OH
C₇H₁₆OS FW 148.27

Fen. 572

► ≥97%

FEMA 3438 Flavis 12.063 CoE Nr 11548
Organoleptic: melon; green; spicy; earthy; vegetable; pepper
Kosher, NI

[W343803-SAMPLE-K](#)

[W343803-25G-K](#) 25 g

[W343803-100G-K](#) 100 g

[W343803-1KG-K](#) 1 kg

3-(Methylthio)hexyl acetate

[51755-85-2] C₉H₁₈O₂S FW 190.30

Fen. 572

► ≥97%

FEMA 3789 Flavis 12.236
Kosher

[W378917-SAMPLE-K](#)

[W378917-25G-K](#) 25 g

[W378917-100G-K](#) 100 g

[W378917-1KG-K](#) 1 kg

4-Methylthio-4-methyl-2-pentanone

[23550-40-5] CH₃SC(CH₃)₂CH₂COCH₃ C₇H₁₄OS
FW 146.25

Fen. 573

► ≥98%

FEMA 3376 Flavis 12.058 CoE Nr 11551
Organoleptic: fruity
Kosher

[W337609-SAMPLE-K](#)

[W337609-25G-K](#) 25 g

[W337609-100G-K](#) 100 g

[W337609-1KG-K](#) 1 kg

(Methylthio)methylpyrazine, mixture of isomers

[67952-65-2] C₆H₈N₂S FW 140.21

Fen. 527

► ≥98%, FG

FEMA 3208 Flavis 14.035 CoE Nr 2290
Organoleptic: almond; caramel; musty; vegetable; coffee
Halal, Kosher

[W320803-SAMPLE-K](#)

[W320803-25G-K](#) 25 g

[W320803-100G-K](#) 100 g

[W320803-1KG-K](#) 1 kg

5-Methyl-2-thiophenecarboxaldehyde

[13679-70-4] C₆H₆OS FW 126.18

Fen. 574

► ≥98%

FEMA 3209 Flavis 15.004 CoE Nr 2203
Organoleptic: cherry
Halal, Kosher, NI

[W320900-SAMPLE-K](#)

[W320900-100G-K](#) 100 g

[W320900-250G-K](#) 250 g

[W320900-1KG-K](#) 1 kg

3-(Methylthio)-1-propanol

Methionol

[505-10-2] CH₃S(CH₂)₃OH C₄H₁₀OS FW 106.19
Arc. 2245; Fen. 576

► ≥98%, FG

FEMA 3415 Flavis 12.062 CoE Nr 11554

Halal, Kosher, NI

Organoleptic: alliaceous (onion, garlic); meaty; vegetable; earthy

[W341509-SAMPLE-K](#)

[W341509-100G-K](#) 100 g

[W341509-1KG-K](#) 1 kg

[W341509-5KG-K](#) 5 kg

3-(Methylthio)propionaldehyde

Methional; 3-(Methylmercapto)propionaldehyde

[3268-49-3] CH₃SCH₂CH₂CHO C₄H₈OS FW 104.17
Arc. 2244; Fen. 576

► ≥97%, FG

FEMA 2747 Flavis 12.001 CoE Nr 125

Natural occurrence: Asparagus, baked potato, beans, beer; cheddar cheese, cooked chicken, macadamia nut, peanuts and potato chips.

Organoleptic: beef; cheese; creamy; oily; fruity; nutty; meaty; peanut; fishy; vegetable; alliaceous (onion, garlic)

Halal, Kosher, NI

[W274704-SAMPLE-K](#)

[W274704-1KG-K](#) 1 kg

[W274704-5KG-K](#) 5 kg

[W274704-25KG-K](#) 25 kg

3-(Methylthio)propyl isothiocyanate

[505-79-3] CH₃S(CH₂)₃NCS C₅H₉NS₂ FW 147.26

Fen. 578; Fen. 586

► ≥98%, FG

FEMA 3312 Flavis 12.03 CoE Nr 2326

Organoleptic: vegetable; alliaceous (onion, garlic)
Halal, Kosher, NI

[W331201-SAMPLE-K](#)

[W331201-25G-K](#) 25 g

[W331201-100G-K](#) 100 g

[W331201-1KG-K](#) 1 kg

2-(Methylthio)pyrazine

Methyl pyrazinyl sulfide

[21948-70-9] C₅H₆N₂S FW 126.18

► ≥96.5%

FEMA 3231 Flavis 14.034

[W323101-100G](#) 100 g

[W323101-1KG](#) 1 kg

[W323101-5KG](#) 5 kg

▣ Methyl o-tolyl ketone, see 2'-Methylacetophenone

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Methyl p-tolyl ketone, see 4'-Methylacetophenone

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Methyl tridecyl ketone, see 2-Pentadecanone Page 104

Methyl umbelliferyl ether, see 7-Methoxycoumarin

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Methyl 10-undecenoate

Undecylenic acid methyl ester; 10-Undecenoic acid methyl ester

[111-81-9] CH₂=CH(CH₂)₈CO₂CH₃ C₁₂H₂₂O₂ FW 198.30

► 96%

FEMA 4253

Organoleptic: banana; honey; oily; citrus; rose; earthy; soapy; wine-like

[W425301-SAMPLE](#)

[W425301-100G](#) 100 g

[W425301-1KG](#) 1 kg

[W425301-4KG](#) 4 kg

▣ Methyl undecyl ketone, see 2-Tridecanone Page 125
2-Methylvaleraldehyde, see 2-Methylpentanal Page 91

Methyl valerate

Methyl pentanoate

[624-24-8] CH₃(CH₂)₃CO₂CH₃ C₆H₁₂O₂ FW 116.16
Arc. 2263; Fen. 582

► ≥99%

FEMA 2752 Flavis 9.182 CoE Nr 588

Organoleptic: fruity; nutty
Kosher, NI

[W275204-SAMPLE-K](#)

[W275204-1KG-K](#) 1 kg

[W275204-4KG-K](#) 4 kg

[W275204-9KG-K](#) 9 kg

▣ 2-Methylvaleric acid, see 2-Methylpentanoic acid Page 91
(±)-2-Methylvaleric acid, see 2-Methylpentanoic acid Page 91
(±)-3-Methylvaleric acid, see 3-Methylpentanoic acid Page 91
4-Methylvaleric acid, see 4-Methylpentanoic acid Page 91

Methyl vanillate

Methyl 4-hydroxy-3-methoxybenzoate

[3943-74-6] HOCH₂H₃(OCH₃)CO₂CH₃ C₉H₁₀O₄ FW 182.17

► ≥99%

Flavis 9.799 CoE Nr 2305

Kosher

[W510319-SAMPLE-K](#)

[W510319-25G-K](#) 25 g

[W510319-100G-K](#) 100 g

[W510319-1KG-K](#) 1 kg

▣ 1-Methylvinyl acetate, see Isopropenyl acetate Page 71

4-Methyl-5-vinylthiazole

[1759-28-0] C₆H₇NS FW 125.19

Fen. 583

► ≥97%

FEMA 3313 Flavis 15.018 CoE Nr 11633

Organoleptic: chocolate; nutty

Kosher, NI

[W331309-SAMPLE-K](#)

[W331309-25G-K](#) 25 g

[W331309-100G-K](#) 100 g

[W331309-1KG-K](#) 1 kg

▣ MFT Acetate, see 2-Methyl-3-furanthiol acetate Page 86
Mimosa absolute, see Mimosa absolute Moroccan Page 95

Mimosaabsolutem

Mimosa absolute Moroccan

Mimosa absolute
[8031-03-6]
FEMA 2755
from *Acacia decurrens* Willd. var. *dealbata*
Kosher
Organoleptic: floral
France origin
W275506-SAMPLE-K
W275506-25G-K 25 g
W275506-100G-K 100 g
W275506-1KG-K 1 kg

☒ Monoethylamine, see Ethylamine solution Page 42
Muriatic acid, see Hydrochloric acid solution Page 65

Musk ketone

Ketone Moschus; 4-*tert*-Butyl-2,6-dimethyl-3,5-dinitroacetophenone
[81-14-1] $(\text{CH}_3)_3\text{CC}_6(\text{NO}_2)_2(\text{CH}_3)_2\text{COCH}_3$
 $\text{C}_{14}\text{H}_{18}\text{N}_2\text{O}_5$ FW 294.30
from synthetic
China origin
W522902-SAMPLE
W522902-1KG 1 kg
W522902-5KG 5 kg
W522902-10KG 10 kg

Myrcene

7-Methyl-3-methylene-1,6-octadiene; β -Myrcene
[123-35-3] $\text{H}_2\text{C}=\text{CH}(\text{=CH}_2)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$
 $\text{C}_{10}\text{H}_{16}$ FW 136.23
Arc. 2283; Fen. 585
► ≥90%, FCC, FG
FEMA 2762 Flavis 1.008 CoE Nr 2197
Natural occurrence: Anise seed, basil, beer, black currant, gin, laurel, rosemary and thyme.
Organoleptic: anise; grape; fruity; herbaceous; peach; sweet; vanilla; vegetable; wine-like; green; woody
Halal, Kosher, NI
contains 0.08% dl-alpha tocopherol as stabilizer
W276200-SAMPLE-K
W276200-1KG-K 1 kg
W276200-8KG-K 8 kg
W276200-20KG-K 20 kg

☒ β -Myrcene, see Myrcene Page 96
Myristicaceae, see Nutmeg oil Page 99
Nutmeg oil Page 99

Myristic acid

Tetradecanoic acid
[544-63-8] FEMA 2764 Flavis 8.016
 $\text{CH}_3(\text{CH}_2)_{12}\text{COOH}$ $\text{C}_{14}\text{H}_{28}\text{O}_2$ FW 228.37
Arc. 2288; Fen. 586

► FCC, FG

CoE Nr 16
Organoleptic: oily; waxy
Halal, Kosher, NI

W276405-SAMPLE-K

W276405-100G-K	100 g
W276405-1KG-K	1 kg
W276405-5KG-K	5 kg
W276405-10KG-K	10 kg
W276405-25KG-K	25 kg

► natural, FCC

Halal, Kosher

W276413-SAMPLE-K

W276413-1KG-K	1 kg
W276413-5KG-K	5 kg
W276413-10KG-K	10 kg
W276413-25KG-K	25 kg

☒ Myristic acid ethyl ester, see Ethyl myristate Page 48
Myristic acid isopropyl ester, see Isopropyl myristate Page 72
Myristic acid methyl ester, see Methyl myristate Page 89

Myrrh oil

[8016-37-3]

FEMA 2766
from *Commiphora* spp.
France origin

W276618-SAMPLE

W276618-100G	100 g
W276618-1KG	1 kg

☒ (–)-Myrtenal, see (1R)-(–)-Myrtenal Page 96

(1R)-(–)-Myrtenal

(1R)-2-Pinen-10-al; (1R)-6,6-Dimethylbicyclo[3.1.1]hept-2-en-2-carboxaldehyde; (–)-Myrtenal
[18486-69-6] $\text{C}_{10}\text{H}_{14}\text{O}$ FW 150.22
Arc. 2293; Fen. 281

► ≥97%

FEMA 3395 CoE Nr 10379

Natural occurrence: Cumin seed, juniper berry, pepper, peppermint, scotch spearmint.

Organoleptic: berry; honey; lime; vanilla; minty; pepper; woody
Kosher, NI

W339504-SAMPLE-K

W339504-100G-K	100 g
W339504-250G-K	250 g
W339504-1KG-K	1 kg

Myrtenol

[19894-97-4] $\text{C}_{10}\text{H}_{16}\text{O}$ FW 152.23
Fen. 586

► ≥95%

FEMA 3439 Flavis 2.091 CoE Nr 10285

Natural occurrence: Bilberry, buchu oil, hop oil, myrtle oil, pepper, raspberry, scotch spearmint, strawberry, Virginia tobacco.

Organoleptic: berry; medicinal; woody; minty; vanilla
Kosher, NI

W343900-SAMPLE-K

W343900-100G-K	100 g
W343900-1KG-K	1 kg
W343900-5KG-K	5 kg

(–)-Myrtenyl acetate

(1R)-6,6-Dimethylbicyclo[3.1.1]hept-2-ene-2-methyl acetate
[1079-01-2] $\text{C}_{12}\text{H}_{18}\text{O}_2$ FW 194.27

Arc. 2295

► ≥95%

FEMA 3765 Flavis 9.302 CoE Nr 10887

Organoleptic: herbaceous; sweet
Kosher

W376507-SAMPLE-K

W376507-100G-K	100 g
W376507-1KG-K	1 kg
W376507-5KG-K	5 kg

2-Naphthalenethiol

Thio-2-naphthol (β); 2-Naphthyl mercaptan
[91-60-1] $\text{C}_{10}\text{H}_7\text{SH}$ $\text{C}_{10}\text{H}_8\text{S}$ FW 160.24

Fen. 588

► 99%

FEMA 3314 Flavis 12.033

W331401

☒ 2-Naphthyl mercaptan, see 2-Naphthalenethiol Page 96

Naringenin



4',5,7-Trihydroxyflavanone; (±)-Naringenin; (±)-2,3-Dihydro-5,7-dihydroxy-2-(4-hydroxyphenyl)-4H-1-benzopyran-4-one

[67604-48-2] $\text{C}_{15}\text{H}_{12}\text{O}_5$ FW 272.25

► 98%

W530098-SAMPLE

W530098-500G	500 g
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☒ (±)-Naringenin, see Naringenin Page 96

Neohesperidin dihydrochalcone

1-(4-((2-O-[6-Deoxy- α -L-mannopyranosyl]- β -D-glucopyranosyl)oxy)-2,6-dihydroxyphenyl)-3-[hydroxy-4-methoxyphenyl]-1-propanone
[20702-77-6] $\text{C}_{28}\text{H}_{36}\text{O}_{15}$ FW 612.58

► ≥85%, FG

FEMA 3811 Flavis 16.061

Halal, Kosher

Organoleptic: orange; sweet

W381101-SAMPLE-K

W381101-25G-K	25 g
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W381101-100G-K	100 g
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Nerol

cis-3,7-Dimethyl-2,6-octadien-1-ol

[106-25-2] $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2\text{OH}$
 $\text{C}_{10}\text{H}_{18}\text{O}$ FW 154.25

Arc. 2315; Fen. 590

► FCC, ≥97%

FEMA 2770 Flavis 2.058 CoE Nr 2018

from synthetic

Organoleptic: citrus

Kosher, NI

China origin

W277002-SAMPLE-K

W277002-1KG-K	1 kg
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W277002-4KG-K	4 kg
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W277002-9KG-K	9 kg
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Nerolidol

3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol; 3-Hydroxy-3,7,11-trimethyl-1,6,10-dodecatriene
[7212-44-4] $(\text{CH}_3)_2\text{C}=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)=\text{CHCH}_2\text{CH}_2\text{C}(\text{CH}_3)(\text{OH})\text{CH}=\text{CH}_2$ $\text{C}_{15}\text{H}_{26}\text{O}$
FW 222.37
Arc. 2316; Fen. 591

► mixture of cis and trans, FCC

FEMA 2772 Flavis 2.018 CoE Nr 67

Organoleptic: apple; citrus; woody; green; rose
Kosher, NI

W277207-SAMPLE-K

W277207-1KG-K 1 kg

W277207-4KG-K 4 kg

W277207-9KG-K 9 kg

Neroli extract

NEW

Orange flower bitter; Bitter orange flower
[72968-50-4]

► natural, FG

from *Citrus aurantium*
Kosher

Organoleptic: floral

W530412-SAMPLE-K

W530412-25G-K 25 g

☒ Neroli extract, see Orange flower absolute Page 103

Nerolin bromelia

2-Ethoxynaphthalene; Ethyl 2-naphthyl ether;
Neroline

[93-18-5] $\text{C}_{12}\text{H}_{12}\text{O}$ FW 172.22

Arc. 2301; Fen. 587

FEMA 2768 Flavis 4.033 CoE Nr 2058
from synthetic

Kosher

Organoleptic: grape
China origin

W276804-SAMPLE-K

W276804-1KG-K 1 kg

W276804-10KG-K 10 kg

☒ Neroline, see Nerolin bromelia Page 97

Nerolin Yara Yara

2-Methoxynaphthalene; Methyl 2-naphthyl ether
[93-04-9] $\text{C}_{10}\text{H}_7\text{OCH}_3$ $\text{C}_{11}\text{H}_{10}\text{O}$ FW 158.20
Arc. 2302; Fen. 589

► ≥99%

Flavis 4.074

from synthetic

Organoleptic: floral; strawberry; sweet
China origin

W525308-SAMPLE

W525308-1KG 1 kg

W525308-10KG 10 kg

W525308-25KG 25 kg

Neroli oil, Morocco

[8016-38-4]

► FG

FEMA 2771 from *Citrus aurantium* L.
Halal, Kosher
France origin

W277126-SAMPLE-K

W277126-25G-K 25 g

W277126-100G-K 100 g

W277126-1KG-K 1 kg

Neryl acetate

cis-3,7-Dimethyl-2,6-octadien-1-yl acetate

[141-12-8] $\text{CH}_3\text{CO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{12}\text{H}_{20}\text{O}_2$ FW 196.29

Arc. 2322; Fen. 591

► ≥98%, FCC, FG

FEMA 2773 Flavis 9.213 CoE Nr 2061

Natural occurrence: Orange juice, lemon, grapefruit, mandarin, lime and bergamot essential oils, black currant buds, grape, nutmeg, cocoa, tea, spice and buchu oil.

Organoleptic: apple; apricot; blossom; chocolate; grape; grapefruit; honey; lemon; lime; oily; orange; floral; herbaceous; citrus; peach; pear; raspberry; rose; sweet; green; waxy

Halal, Kosher, NI
contains 0.10% alpha-tocopherol, synthetic as antioxidant

W277304-SAMPLE-K

W277304-1KG-K 1 kg

W277304-4KG-K 4 kg

W277304-9KG-K 9 kg

Neryl butyrate

[999-40-6] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{14}\text{H}_{24}\text{O}_2$ FW 224.34

Arc. 2324; Fen. 592

► ≥90%

FEMA 2774 Flavis 9.167 CoE Nr 505

Organoleptic: orange; floral; green; sweet

W277401-SAMPLE

W277401-100G 100 g

W277401-1KG 1 kg

W277401-4KG 4 kg

Neryl isobutyrate

[2345-24-6] $(\text{CH}_3)_2\text{CHCO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{14}\text{H}_{24}\text{O}_2$ FW 224.34

Arc. 2325; Fen. 593

► ≥97%

FEMA 2775 Flavis 9.424 CoE Nr 299

Organoleptic: berry; lilac; orange; floral; plum;

raspberry; rose; strawberry; sweet

Kosher, NI
contains 0.10% alpha-tocopherol, synthetic as antioxidant

W277509-SAMPLE-K

W277509-100G-K 100 g

W277509-1KG-K 1 kg

W277509-4KG-K 4 kg

Neryl isovalerate

[3915-83-1] $(\text{CH}_3)_2\text{CHCH}_2\text{CO}_2\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)\text{CH}_2\text{CH}=\text{C}(\text{CH}_3)_2$ $\text{C}_{15}\text{H}_{26}\text{O}_2$ FW 238.37

► ≥92%

FEMA 2778 Flavis 9.471 CoE Nr 508

Organoleptic: ethereal; sage; sweet

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

Fen. 593

W277800-SAMPLE-K

W277800-100G-K 100 g

W277800-1KG-K 1 kg

W277800-4KG-K 4 kg

trans,trans-2,4-Nonadienal

[5910-87-2] $\text{CH}_3(\text{CH}_2)_3\text{CH}=\text{CHCH}=\text{CHCHO}$
 $\text{C}_9\text{H}_{14}\text{O}$ FW 138.21

► ≥85%

FEMA 3212 Flavis 5.194 CoE Nr 732

Natural occurrence: Avocado, Brazil nut, caviar, cooked beef, chicken and pork, cooked lamb/mutton, fish, milk and roasted peanut.

Organoleptic: melon; fatty; floral; fishy; vegetable; meaty; green

Kosher, NI

Fen. 595

W321206-SAMPLE-K

W321206-25G-K 25 g

W321206-100G-K 100 g

W321206-1KG-K 1 kg

trans-2,cis-6-Nonadienal

Violet leaf aldehyde

[557-48-2] $\text{C}_2\text{H}_5\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}=\text{CHCHO}$
 $\text{C}_9\text{H}_{14}\text{O}$ FW 138.21

► mixture of isomers, ≥96%, FCC

FEMA 3377 Flavis 5.058 CoE Nr 659

Halal, Kosher, NI

Organoleptic: green; waxy; violet; vegetable
Arc. 2339; Fen. 595

W337706-SAMPLE-K

W337706-25G-K 25 g

W337706-100G-K 100 g

W337706-1KG-K 1 kg

trans,trans-2,6-Nonadienal

[17587-33-6] $\text{C}_6\text{H}_5\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}=\text{CHCHO}$
 $\text{C}_9\text{H}_{14}\text{O}$ FW 138.21

Arc. 2339; Fen. 596

► ≥93%, FG

FEMA 3766 Flavis 5.172

Organoleptic: vegetable; green

Halal, Kosher, NI

W376604-SAMPLE-K

W376604-25G-K 25 g

W376604-100G-K 100 g

W376604-1KG-K 1 kg

Nonadienol

trans-2,cis-6-Nonadien-1-ol

[28069-72-9] $\text{CH}_3\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}=\text{CHCH}_2\text{OH}$ $\text{C}_9\text{H}_{16}\text{O}$ FW 140.22
Arc. 2341; Fen. 597
► ≥95%, FCC, FG
FEMA 2780 Flavis 2.231 CoE Nr 589
Organoleptic: melon; green; vegetable; violet
Halal, Kosher, NI
contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W278009-SAMPLE-K](#)

[W278009-25G-K](#) 25 g

[W278009-100G-K](#) 100 g

[W278009-1KG-K](#) 1 kg

☒ Nonadienyl acetate, see *trans-2,cis-6-Nonadienyl acetate* Page 98

trans-2,cis-6-Nonadienyl acetate

Nonadienyl acetate
[68555-65-7] $\text{CH}_3\text{CH}_2\text{CH}=\text{CHCH}_2\text{CH}_2\text{CH}=\text{CHCOOC}_2\text{H}_5$ $\text{C}_{11}\text{H}_{18}\text{O}_2$ FW 182.26
► mixture of isomers, ≥97%

FEMA 3952

Organoleptic: apple; oily; vegetable; green
Kosher

[W395218-SAMPLE-K](#)

[W395218-25G-K](#) 25 g

[W395218-100G-K](#) 100 g

[W395218-1KG-K](#) 1 kg

γ-Nonanoic lactone

[104-61-0] $\text{C}_9\text{H}_{16}\text{O}_2$ FW 156.22

► ≥98%, FCC

FEMA 2781 Flavis 10.001 CoE Nr 178

Organoleptic: anise; coconut; fatty; herbaceous
Kosher, NI
Arc. 2350; Fen. 597

[W278106-SAMPLE-K](#)

[W278106-1KG-K](#) 1 kg

[W278106-10KG-K](#) 10 kg

[W278106-25KG-K](#) 25 kg

δ-Nonalactone

5-Hydroxyxynonanoic acid, lactone

[3301-94-8] $\text{C}_9\text{H}_{16}\text{O}_2$ FW 156.22

Arc. 2342; Fen. 367

► 98%, FCC, FG

FEMA 3356 Flavis 10.014 CoE Nr 2194

Natural occurrence: Butter, milk, chicken fat, grilled beef, pork fat, and white wine.

Organoleptic: apricot; butter; nutty; sweet; meaty; wine-like
Halal, Kosher, NI

[W335606-SAMPLE-K](#)

[W335606-100G-K](#) 100 g

[W335606-1KG-K](#) 1 kg

[W335606-4KG-K](#) 4 kg

Nonanal

Pelargonaldehyde; Nonyl aldehyde; Aldehyde C₉
[124-19-6] $\text{CH}_3(\text{CH}_2)_7\text{CHO}$ $\text{C}_9\text{H}_{18}\text{O}$ FW 142.24
Arc. 2343; Fen. 598

► ≥95%, FCC

FEMA 2782 Flavis 5.025 CoE Nr 114

Natural occurrence: Apple, avocado, black currants, cooked beef, cucumber, fish, grapefruit, lemon, lime, mandarin, orange and peach.

Organoleptic: apple; coconut; grape; grapefruit; lemon; lime; melon; oily; orange; nutty; citrus; waxy; fatty; peach; rose; vegetable; fishy; meaty
Halal, Kosher, NI
contains tocopherol as stabilizer

[W278203-SAMPLE-K](#)

[W278203-1KG-K](#) 1 kg

[W278203-4KG-K](#) 4 kg

[W278203-8KG-K](#) 8 kg

[W278203-20KG-K](#) 20 kg

☒ Nonanoic acid methyl ester, see Methyl nonanoate
Page 89
γ-Nonanoic lactone, see γ-Nonalactone Page 98
1-Nonalol, see Nonyl alcohol Page 99

2-Nonanol

Heptyl methyl carbinol

[628-99-9] $\text{CH}_3(\text{CH}_2)_6\text{CH}(\text{OH})\text{CH}_3$ $\text{C}_9\text{H}_{20}\text{O}$
FW 144.25

Arc. 2048; Fen. 600

► ≥97%

FEMA 3315 Flavis 2.087 CoE Nr 4149

Organoleptic: melon; fatty; green
NI

[W331503-SAMPLE](#)

[W331503-100G](#) 100 g

[W331503-1KG](#) 1 kg

[W331503-4KG](#) 4 kg

☒ Nonanol acetate, see Nonyl acetate Page 99

2-Nonanone

Heptyl methyl ketone

[821-55-6] FEMA 2785 Flavis 7.02

$\text{CH}_3(\text{CH}_2)_6\text{COCH}_3$ $\text{C}_9\text{H}_{18}\text{O}$ FW 142.24

Arc. 2052; Fen. 601

► ≥99%

CoE Nr 154c

Natural occurrence: Blue cheese, butter, cheddar cheese, coconut, fish, krill, oil of rue.

Organoleptic: cheese; coconut; oily; fatty; herbaceous; floral; fruity; fishy; soapy; waxy
Kosher, NI

[W278505-SAMPLE-K](#)

[W278505-250G-K](#) 250 g

[W278505-1KG-K](#) 1 kg

[W278505-5KG-K](#) 5 kg

[W278505-10KG-K](#) 10 kg

► natural, ≥97%, FCC

CoE Nr 154

Natural Occurrence: Blue cheese, butter, cheddar cheese, coconut, fish, krill, oil of rue.

Organoleptic: butter; cheese; coconut; oily; herbaceous; citrus; pineapple; fishy; soapy; vegetable; waxy
Halal, Kosher

[W278513-SAMPLE-K](#)

[W278513-25G-K](#) 25 g

[W278513-100G-K](#) 100 g

[W278513-1KG-K](#) 1 kg

[W278513-4KG-K](#) 4 kg

1,9-Nonanedithiol

1,9-Dimercaptononane

[3489-28-9] $\text{HS}(\text{CH}_2)_9\text{SH}$ $\text{C}_9\text{H}_{20}\text{S}_2$ FW 192.39

Fen. 599

► ≥95%

FEMA 3513 Flavis 12.069 CoE Nr 11558

Possible uses: mushroom, meat, chicken, cereal, cucumber.¹

Organoleptic: meaty; sulfurous
Kosher

Lit. cited: 1. Mosciano, Gerard, *Perfum. Flavor.* 6, 33, 73 (2008)

[W351318-SAMPLE-K](#)

[W351318-25G-K](#) 25 g

[W351318-100G-K](#) 100 g

[W351318-1KG-K](#) 1 kg

Nonanoic acid

Pelargonic acid; Acid C₉

[112-05-0] $\text{CH}_3(\text{CH}_2)_7\text{COOH}$ $\text{C}_9\text{H}_{18}\text{O}_2$ FW 158.24

Arc. 2347; Fen. 600

► ≥96%

FEMA 2784 Flavis 8.029 CoE Nr 29

Organoleptic: cheese; waxy
Halal, Kosher, NI

[W278408-SAMPLE-K](#)

[W278408-1KG-K](#) 1 kg

[W278408-5KG-K](#) 5 kg

[W278408-10KG-K](#) 10 kg

[W278408-20KG-K](#) 20 kg

Ethyl hexyl ketone

[925-78-0] FEMA 3440 $\text{CH}_3(\text{CH}_2)_5\text{COC}_2\text{H}_5$ $\text{C}_9\text{H}_{18}\text{O}$

FW 142.24

Arc. 2351; Fen. 601

► >96%, FG

Flavis 7.113 CoE Nr 11160

Organoleptic: cheese; herbaceous; fruity; green
Halal, Kosher, NI

[W344001-SAMPLE-K](#)

[W344001-25G-K](#) 25 g

[W344001-100G-K](#) 100 g

[W344001-1KG-K](#) 1 kg

► natural (US), ≥97%, FG*Organoleptic:* leafy; fruity; herbaceous[W344015-500G](#)[W344015-100G-K](#)[W344015-SAMPLE-K](#)**trans-2-Nonenal**[18829-56-6] $\text{CH}_3(\text{CH}_2)_5\text{CH}=\text{CHCHO}$ $\text{C}_9\text{H}_{16}\text{O}$
FW 140.22

Arc. 2356; Fen. 603

► ≥93%

FEMA 3213 Flavis 5.072 CoE Nr 733

Organoleptic: waxy; fatty
Kosher, NI[W321303-SAMPLE-K](#)[W321303-200G-K](#)

200 g

[W321303-1KG-K](#)

1 kg

[W321303-4KG-K](#)

4 kg

cis-6-Nonenal[2277-19-2] $\text{C}_2\text{H}_5\text{CH}=\text{CH}(\text{CH}_2)_4\text{CHO}$ $\text{C}_9\text{H}_{16}\text{O}$
FW 140.22

Fen. 603

► ≥92%, FG

FEMA 3580 Flavis 5.059 CoE Nr 661

Organoleptic: melon; citrus
Halal, Kosher, NI

contains 0.50% alpha-tocopherol, synthetic as antioxidant

[W358002-SAMPLE-K](#)[W358002-25G-K](#)

25 g

[W358002-100G-K](#)

100 g

[W358002-1KG-K](#)

1 kg

cis-2-Nonen-1-ol[41453-56-9] $\text{CH}_3(\text{CH}_2)_5\text{CH}=\text{CHCH}_2\text{OH}$ $\text{C}_9\text{H}_{18}\text{O}$
FW 142.24

Fen. 604

► ≥97%

FEMA 3720 Flavis 2.112 CoE Nr 10292

Organoleptic: melon; waxy
Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W372005-SAMPLE-K](#)[W372005-25G-K](#)

25 g

[W372005-100G-K](#)

100 g

[W372005-1KG-K](#)

1 kg

trans-2-Nonen-1-ol[31502-14-4] $\text{CH}_3(\text{CH}_2)_5\text{CH}=\text{CHCH}_2\text{OH}$ $\text{C}_9\text{H}_{18}\text{O}$
FW 142.24

Fen. 605

► ≥96%, FCC

FEMA 3379 Flavis 2.09 CoE Nr 10292

Organoleptic: melon; waxy; fatty; sweet; violet;
vegetable
Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W337900-SAMPLE-K](#)[W337900-25G-K](#)

25 g

[W337900-100G-K](#)

100 g

[W337900-1KG-K](#)

1 kg

cis-3-Nonen-1-ol**NEW**[10340-23-5] $\text{CH}_3(\text{CH}_2)_4\text{CH}=\text{CHCH}_2\text{CH}_2\text{OH}$ $\text{C}_9\text{H}_{18}\text{O}$
FW 142.24**► 95%**

FEMA 4412 Flavis 2.234

[W441200-SAMPLE](#)[W441200-100G](#)

100 g

[W441200-1KG](#)

1 kg

cis-6-Nonen-1-ol[35854-86-5] $\text{C}_2\text{H}_5\text{CH}=\text{CH}(\text{CH}_2)_5\text{OH}$ $\text{C}_9\text{H}_{18}\text{O}$
FW 142.24

Fen. 604

► ≥93%, FG

FEMA 3465 Flavis 2.093 CoE Nr 10294

Organoleptic: melon; green

Halal, Kosher, NI

[W346500-SAMPLE-K](#)[W346500-25G-K](#)

25 g

[W346500-100G-K](#)

100 g

[W346500-1KG-K](#)

1 kg

Nonyl acetateN-Nonyl acetate; Acetate C-9; Pelargonyl acetate;
Nonanol acetate[143-13-5] $\text{CH}_3\text{CO}_2(\text{CH}_2)_8\text{CH}_3$ $\text{C}_{11}\text{H}_{22}\text{O}_2$ FW 186.29
Arc. 2363; Fen. 605**FCC**

FEMA 2788 Flavis 9.008 CoE Nr 198

Organoleptic: gardenia; soapy; fruity

NI

[W278807-SAMPLE](#)[W278807-1KG](#)

1 kg

[W278807-4KG](#)

4 kg

[W278807-9KG](#)

9 kg

▣ N-Nonyl acetate, see Nonyl acetate Page 99

Nonyl alcohol1-Nonanol; Alcohol C₉[143-08-8] $\text{CH}_3(\text{CH}_2)_8\text{OH}$ $\text{C}_9\text{H}_{20}\text{O}$ FW 144.25
Arc. 2348; Fen. 606**► ≥98%, FCC**

FEMA 2789 Flavis 2.007 CoE Nr 55

Organoleptic: citrus; rose

Halal, Kosher

[W278904-SAMPLE-K](#)[W278904-1KG-K](#)

1 kg

[W278904-8KG-K](#)

8 kg

[W278904-20KG-K](#)

20 kg

▣ Nonyl aldehyde, see Nonanal Page 98

(1R)-(-)-Nopyl acetate[35836-72-7] $\text{C}_{13}\text{H}_{20}\text{O}_2$ FW 208.30

Arc. 2384

► ≥98%[W516309-SAMPLE](#)[W516309-1KG](#)

1 kg

[W516309-5KG](#)

5 kg

[W516309-10KG](#)

10 kg

Nutmeg oilNutmeg oil, East Indian; *Myristicaceae*

[8008-45-5]

Fen. 196

FCC

FEMA 2793

from *Myristica fragrans* Houtt.*Organoleptic:* spicy

Kosher

Indonesia origin

origin

[W279307-SAMPLE-K](#)[W279307-1KG-K](#)

1 kg

[W279307-5KG-K](#)

5 kg

▣ Nutmeg oil, East Indian, see Nutmeg oil Page 99

Ocimene

3,7-Dimethyl-1,3,6-octatriene; 3,7-Dimethyl-1,3,6-octatetraen

[13877-91-3] $\text{C}_{10}\text{H}_{16}$ FW 136.23

Arc. 2388

► mixture of isomers, ≥90%

Flavis 1.018

Mixture of cis-Ocimene (~70-75%) and Limonene (~20-25%)

[W353901-SAMPLE](#)[W353901-100G](#)

100 g

[W353901-1KG](#)

1 kg

▣ Ocimene quintoxide, see 2,2-Dimethyl-5-(1-methylpropen-1-yl)tetrahydrofuran Page 38

Ocumum basilicum, see Basil oil, comoric type Page 16

cis-9,cis-12-Octadecadienoic acid, see Linoleic acid Page 76

Octadecanoic acid, see Stearic acid Page 119

cis-9-Octadecenoic acid, see Oleic acid Page 102

cis-12-Octadecenoic acid methyl ester solution, see Methyl cis-12-octadecenoate solution Page 90

2,4-Octadienal, predominantly trans, trans[5577-44-6] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}=\text{CHCH}=\text{CHCHO}$
 $\text{C}_8\text{H}_{12}\text{O}$ FW 124.18

Arc. 2393; Fen. 609

► ≥95%

FEMA 3721 Flavis 5.186 CoE Nr 11805

≥85% trans,trans isomer

Organoleptic: green; fatty; vegetable

Kosher, NI

[W372102-SAMPLE-K](#)[W372102-100G-K](#)

100 g

[W372102-250G-K](#)

250 g

[W372102-1KG-K](#)

1 kg

Octalactone

γ -Octalactone

γ -Octanoic lactone; Octano-1,4-lactone; 4-Hydroxy octanoic acid

[104-50-7] FEMA 2796 Flavis 10.022 C₈H₁₄O₂ FW 142.20

Arc. 2403; Fen. 609

► ≥97%, FCC, FG

CoE Nr 2274

Organoleptic: coconut; creamy; herbaceous; peach Halal, Kosher, NI

[W279609-SAMPLE-K](#)

[W279609-100G-K](#)

100 g

[W279609-1KG-K](#)

1 kg

[W279609-5KG-K](#)

5 kg

► natural, ≥97%, FG

CoE Nr 2274c

Halal, Kosher

[W279617-SAMPLE-K](#)

[W279617-25G-K](#)

25 g

[W279617-100G-K](#)

100 g

[W279617-1KG-K](#)

1 kg

Octanal

Octyl aldehyde; Caprylic aldehyde; Aldehyde C₈ [124-13-0] FEMA 2797 Flavis 5.009 CoE Nr 97 CH₃(CH₂)₆CHO C₈H₁₆O FW 128.21

Arc. 2397; Fen. 611

► ≥92%, FCC

Organoleptic: honey; fruity; fatty; citrus

Halal, Kosher, NI

[W279706-SAMPLE-K](#)

[W279706-1KG-K](#)

1 kg

[W279706-4KG-K](#)

4 kg

[W279706-8KG-K](#)

8 kg

[W279706-20KG-K](#)

20 kg

► natural, ≥92%, FCC

Kosher

Organoleptic: honey; fatty; citrus

[W279714-SAMPLE-K](#)

[W279714-100G-K](#)

100 g

[W279714-1KG-K](#)

1 kg

[W279714-4KG-K](#)

4 kg



1,8-Octanedithiol

1,8-Dimercaptooctane

[1191-62-4] HS(CH₂)₈SH C₈H₁₈S₂ FW 178.36

Fen. 612

► ≥97%

FEMA 3514 Flavis 12.034 CoE Nr 2331

Organoleptic: meaty; sulfurous

Kosher

[W351407-SAMPLE-K](#)

[W351407-25G-K](#)

25 g

[W351407-100G-K](#)

100 g

[W351407-1KG-K](#)

1 kg

Octanoic acid

Caprylic acid; Acid C₈

[124-07-2] FEMA 2799 Flavis 8.01

CH₃(CH₂)₆COOH C₈H₁₆O₂ FW 144.21

Arc. 2400; Fen. 613

► ≥98%, FG

CoE Nr 10

Organoleptic: oily

Halal, Kosher, NI

[W279900-SAMPLE-K](#)

[W279900-2KG-K](#)

2 kg

[W279900-10KG-K](#)

10 kg

[W279900-20KG-K](#)

20 kg

► natural, ≥98%

CoE Nr 10c

Organoleptic: cheese

Kosher

[W279927-SAMPLE-K](#)

[W279927-1KG-K](#)

1 kg

[W279927-5KG-K](#)

5 kg

[W279927-10KG-K](#)

10 kg

[W279927-25KG-K](#)

25 kg

☒ γ -Octanoic lactone, see γ -Octalactone Page 100

1-Octanol

Octyl alcohol; Capryl alcohol; Alcohol C₈

[111-87-5] FEMA 2800 Flavis 2.006 CH₃(CH₂)₇OH

C₈H₁₈O FW 130.23

► ≥98%, FCC, FG

CoE Nr 54

Organoleptic: citrus; fatty; woody; waxy

Halal, Kosher, NI

[W280003-SAMPLE-K](#)

[W280003-1KG-K](#)

1 kg

[W280003-4KG-K](#)

4 kg

[W280003-8KG-K](#)

8 kg

[W280003-20KG-K](#)

20 kg

► natural, ≥98%, FCC

CoE Nr 54c

Kosher

Organoleptic: orange; floral

[W280011-SAMPLE-K](#)

[W280011-1KG-K](#)

1 kg

[W280011-4KG-K](#)

4 kg

[W280011-8KG-K](#)

8 kg

2-Octanol

Ethyl-N-amylcarbinol; Ethylpentylcarbinol; sec-Caprylic alcohol; Capryl alcohol

[123-96-6] CH₃(CH₂)₅CH(OH)CH₃ C₈H₁₈O FW 130.23

► ≥97%

FEMA 2801 Flavis 2.022 CoE Nr 71

Organoleptic: oily; earthy

Halal, Kosher, NI

Arc. 2057; Fen. 614

[W280100-SAMPLE-K](#)

[W280100-1KG-K](#)

1 kg

[W280100-8KG-K](#)

8 kg

[W280100-20KG-K](#)

20 kg

3-Octanol

Ethyl pentyl carbinol

[589-98-0] FEMA 3581 Flavis 2.098 CH₃(CH₂)₄CH(OH)CH₂CH₃ C₈H₁₈O FW 130.23

► ≥97%, FCC, FG

CoE Nr 4023

Natural occurrence: Spearmint oil, oat groats, Ocimum basilicum, pimento leaf and truffle.

Organoleptic: melon; musty; oily; herbaceous; nutty; earthy; minty; spicy; waxy; woody Halal, Kosher, NI

[W358118-SAMPLE-K](#)

[W358118-100G-K](#)

100 g

[W358118-1KG-K](#)

1 kg

[W358118-8KG-K](#)

8 kg

► natural, ≥97%, FCC, FG

Natural Occurrence: Spearmint oil, oat groats, Ocimum basilicum, pimento leaf and truffle.

Halal, Kosher

Organoleptic: cheese; minty; spicy; waxy; earthy; woody; herbaceous

[W358126-SAMPLE-K](#)

[W358126-100G-K](#)

100 g

[W358126-1KG-K](#)

1 kg

[W358126-4KG-K](#)

4 kg

2-Octanone

Hexyl methyl ketone

[111-13-7] CH₃(CH₂)₅COCH₃ C₈H₁₆O FW 128.21

Arc. 2066; Fen. 615

► ≥98%

FEMA 2802 Flavis 7.019 CoE Nr 153

Organoleptic: green; herbaceous; floral; fruity

Kosher, NI

[W280208-SAMPLE-K](#)

[W280208-800G-K](#)

800 g

[W280208-1KG-K](#)

1 kg

[W280208-2.5KG-K](#)

2.5 kg

[W280208-4KG-K](#)

4 kg

[W280208-8KG-K](#)

8 kg

[W280208-20KG-K](#)

20 kg

3-Octanone

Ethyl pentyl ketone; Ethyl amyl ketone
 [106-68-3] $\text{CH}_3(\text{CH}_2)_4\text{COC}_2\text{H}_5$ $\text{C}_8\text{H}_{16}\text{O}$ FW 128.21
 Arc. 1148; Fen. 615

► ≥98%, FG

FEMA 2803 Flavis 7.062 CoE Nr 2042

Natural occurrence: Banana, blueberry, thyme, mushroom, rosemary and hyssop.

Halal, Kosher

Organoleptic: banana; berry; butter; cheese; musty; spicy; herbaceous; vegetable; earthy; green NI

[W280305-SAMPLE-K](#)

W280305-1KG-K	1 kg
W280305-8KG-K	8 kg
W280305-20KG-K	20 kg

trans-2-Octenal

[2548-87-0] $\text{CH}_3(\text{CH}_2)_4\text{CH}=\text{CHCHO}$ $\text{C}_8\text{H}_{14}\text{O}$
 FW 126.20

Arc. 124; Fen. 617

► ≥94%

FEMA 3215 Flavis 5.19 CoE Nr 663

Organoleptic: spicy; herbaceous; green Kosher, NI

[W321508-SAMPLE-K](#)

W321508-100G-K	100 g
W321508-1KG-K	1 kg
W321508-4KG-K	4 kg

1-Octene**1-Octen-3-ol**

Pentyl vinyl carbinol
 [3391-86-4] $\text{CH}_3(\text{CH}_2)_4\text{CH}(\text{OH})\text{CH}=\text{CH}_2$ $\text{C}_8\text{H}_{16}\text{O}$
 FW 128.21

Arc. 231; Fen. 617

► ≥98%, FCC, FG

FEMA 2805 Flavis 2.023 CoE Nr 72

Natural occurrence: Clover, cooked artichoke, fish, mushroom, peas, soybeans, wheat bread, tea, and beef.

Organoleptic: cheese; creamy; earthy; herbaceous; vegetable; meaty; fishy

Halal, Kosher, NI

[W280518-SAMPLE-K](#)

W280518-1KG-K	1 kg
W280518-4KG-K	4 kg
W280518-8KG-K	8 kg
W280518-20KG-K	20 kg

trans-2-Octen-1-ol

[18409-17-1] $\text{CH}_3(\text{CH}_2)_4\text{CH}=\text{CHCH}_2\text{OH}$ $\text{C}_8\text{H}_{16}\text{O}$
 FW 128.21

► 97%

FEMA 3887

Natural occurrence: Apple, bilberry, guava, orange, melon, peas, potato, chicken, cognac, rum and mushroom.

Organoleptic: citrus; fruity; green; vegetable; earthy; meaty

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W388718-SAMPLE](#)

W388718-100G-K	100 g
W388718-1KG-K	1 kg

cis-5-Octen-1-ol

[64275-73-6] $\text{C}_2\text{H}_5\text{CH}=\text{CH}(\text{CH}_2)_4\text{OH}$ $\text{C}_8\text{H}_{16}\text{O}$
 FW 128.21

Fen. 621

► ≥98%

FEMA 3722 Flavis 2.113

Organoleptic: fatty; green Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W372218-SAMPLE-K](#)

W372218-100G-K	100 g
W372218-1KG-K	1 kg
W372218-4KG-K	4 kg

1-Octen-3-one solution

► 50 wt. % in 1-octen-3-ol, FG

FEMA 3515 Flavis 7.081 CoE Nr 2312

Organoleptic: cucumber; mushroom; earthy; vegetable

Halal, Kosher

NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W351504-SAMPLE-K](#)

W351504-25G-K	25 g
W351504-100G-K	100 g
W351504-1KG-K	1 kg

trans-3-Octen-2-one

[18402-82-9] $\text{CH}_3(\text{CH}_2)_3\text{CH}=\text{CHCOCH}_3$ $\text{C}_8\text{H}_{14}\text{O}$
 FW 126.20

Fen. 619

► ≥98%

FEMA 3416 CoE Nr 11170

Organoleptic: berry; butter; lemon; nutty; sweet; herbaceous; earthy; vegetable; spicy

Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W341606-SAMPLE-K](#)

W341606-100G-K	100 g
W341606-1KG-K	1 kg
W341606-4KG-K	4 kg

1-Octen-3-yl acetate

3-Acetoxy octene; Amyl vinyl carbinol acetate

[2442-10-6] $\text{C}_{10}\text{H}_{18}\text{O}_2$ FW 170.25

Fen. 620

► ≥97%, FCC

FEMA 3582 Flavis 9.281 CoE Nr 11716

Organoleptic: lavender

Kosher

[W358207-SAMPLE-K](#)

W358207-100G-K	100 g
W358207-1KG-K	1 kg
W358207-4KG-K	4 kg

1-Octen-3-yl butyrate

Butanoic acid 1-octen-3-yl ester

[16491-54-6] $\text{C}_{12}\text{H}_{22}\text{O}_2$ FW 198.30

Fen. 622

► ≥97%, FCC

FEMA 3612 Flavis 9.282

Natural Occurrence: Passion fruit.

Organoleptic: butter; musty; strawberry; fishy; animal; vegetable; waxy; earthy

Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W361208-SAMPLE-K](#)

W361208-100G-K	100 g
W361208-1KG-K	1 kg
W361208-4KG-K	4 kg

☒ *trans-2-Octenoic acid ethyl ester*, see Ethyl-*trans*-2-octenoate
 Page 49

Octylacetate

Octyl acetate

Acetic acid octyl ester
 [112-14-1] FEMA 2806 Flavis 9.007
 $\text{CH}_3\text{CO}_2(\text{CH}_2)_7\text{CH}_3$ $\text{C}_{10}\text{H}_{20}\text{O}_2$ FW 172.26
 Arc. 2408; Fen. 623

► ≥98%, FCC, FG

CoE Nr 197
 Halal, Kosher, NI
Organoleptic: jasmine; herbaceous; fruity

W280607-SAMPLE-K

W280607-1KG-K	1 kg
W280607-4KG-K	4 kg
W280607-9KG-K	9 kg
W280607-20KG-K	20 kg

► natural, ≥98%, FCC

CoE Nr 197c
Organoleptic: melon

W280615-SAMPLE

W280615-25G	25 g
W280615-100G	100 g
W280615-1KG	1 kg
W280615-4KG	4 kg

3-Octyl acetate

[4864-61-3] FEMA 3583 Flavis 9.254
 $\text{CH}_3\text{CO}_2\text{CH}(\text{C}_2\text{H}_5)(\text{CH}_2)_4\text{CH}_3$ $\text{C}_{10}\text{H}_{20}\text{O}_2$ FW 172.26
 Arc. 2406; Fen. 624

► ≥98%, FCC, FG

CoE Nr 2347
Organoleptic: apple; minty; rose
 Halal, Kosher, NI

W358304-SAMPLE-K

W358304-100G-K	100 g
W358304-1KG-K	1 kg
W358304-4KG-K	4 kg

► natural (US), ≥97%, FG

Kosher
Organoleptic: herbaceous; warm; fruity; floral

W358315-1KG-K**W358315-100G-K****W358315-SAMPLE-K**

Octyl alcohol, see 1-Octanol Page 100
 Octyl aldehyde, see Octanal Page 100

Octyl butyrate

[110-39-4] FEMA 2807 Flavis 9.046
 $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2(\text{CH}_2)_7\text{CH}_3$ $\text{C}_{12}\text{H}_{24}\text{O}_2$ FW 200.32
 Arc. 2411; Fen. 624

► ≥98%, FG

CoE Nr 272
Organoleptic: musty; citrus; green; fruity
 Halal, Kosher, NI

W280704-SAMPLE-K

W280704-1KG-K	1 kg
W280704-9KG-K	9 kg
W280704-20KG-K	20 kg

► natural (US), ≥95%

CoE Nr 272c
Organoleptic: orange
 Kosher

W280712-SAMPLE-K

W280712-25G-K	25 g
W280712-100G-K	100 g
W280712-1KG-K	1 kg

(±)-γ-Octyl-γ-butyrolactone, see γ-Dodecalactone
 Page 41
 Octyl caprylate, see Octyl octanoate Page 102

Octyl formate

Octyl methanoate
 [112-32-3] $\text{HCO}_2(\text{CH}_2)_7\text{CH}_3$ $\text{C}_9\text{H}_{18}\text{O}_2$ FW 158.24
 Arc. 2422; Fen. 625

► ≥97%, FCC

FEMA 2809 Flavis 9.075 CoE Nr 342
Organoleptic: orange; citrus; fruity; rose
 Kosher

W280909-SAMPLE-K

W280909-1KG-K	1 kg
W280909-4KG-K	4 kg
W280909-9KG-K	9 kg

Octyl isobutyrate

[109-15-9] $(\text{CH}_3)_2\text{CHCO}_2(\text{CH}_2)_7\text{CH}_3$ $\text{C}_{12}\text{H}_{24}\text{O}_2$
 FW 200.32

Arc. 2412; Fen. 627

► ≥98%, FCC

FEMA 2808 Flavis 9.473 CoE Nr 593
Organoleptic: creamy; earthy; soapy; woody; green
 Kosher, NI

W280801-SAMPLE-K

W280801-1KG-K	1 kg
W280801-4KG-K	4 kg
W280801-9KG-K	9 kg

Octyl isovalerate

n-Octyl-3-methyl butyrate
 [7786-58-5] $(\text{CH}_3)_2\text{CHCH}_2\text{CO}_2(\text{CH}_2)_7\text{CH}_3$ $\text{C}_{13}\text{H}_{26}\text{O}_2$
 FW 214.34
 Arc. 2438; Fen. 627

► ≥98%

FEMA 2814 Flavis 9.451 CoE Nr 446
Organoleptic: honey; rose
 NI

W281409-SAMPLE

W281409-1KG	1 kg
W281409-4KG	4 kg
W281409-9KG	9 kg

(±) Octyl methanoate, see Octyl formate Page 102
 n-Octyl-3-methyl butyrate, see Octyl isovalerate Page 102

Octyl octanoate

Octyl caprylate

[2306-88-9] $\text{C}_{16}\text{H}_{32}\text{O}_2$ FW 256.42
 Arc. 2416; Fen. 629

► ≥98%

FEMA 2811 Flavis 9.114 CoE Nr 395
Organoleptic: coconut; oily; fruity; sweet
 Kosher, NI

W281107-SAMPLE-K

W281107-1KG-K	1 kg
W281107-4KG-K	4 kg
W281107-9KG-K	9 kg

Octyl propionate

[142-60-9] $\text{C}_2\text{H}_5\text{CO}_2(\text{CH}_2)_7\text{CH}_3$ $\text{C}_{11}\text{H}_{22}\text{O}_2$
 FW 186.29

Arc. 2435; Fen. 630

► ≥99%

FEMA 2813 Flavis 9.126 CoE Nr 407
Organoleptic: waxy
 Kosher, NI

W281301-SAMPLE-K

W281301-1KG-K	1 kg
W281301-4KG-K	4 kg
W281301-9KG-K	9 kg

(±) Octyl salicylate, see 2-Ethylhexyl salicylate Page 46
 3-Octyl tiglate, see 1-Ethylhexyl tiglate Page 46
 Oenanthaldehyde, see Heptanal Page 57

Oenanthic acid, see Heptanoic acid Page 57
 Oil of mustard, see Allyl isothiocyanate Page 11
 Oil of turpentine, see l-Turpentine Page 127
 Oil Red 113, see Sudan red G Page 120
 Oil Red IV, see Sudan IV Page 120

Oleic acid

Elainic acid; cis-9-Octadecenoic acid
 [112-80-1] $\text{CH}_3(\text{CH}_2)_7\text{CH}=\text{CH}(\text{CH}_2)_7\text{COOH}$
 $\text{C}_{18}\text{H}_{34}\text{O}_2$ FW 282.46

► natural, FCC, FG

FEMA 2815 Flavis 8.013 CoE Nr 13
Organoleptic: fatty
 Halal, Kosher
 Arc. 2440; Fen. 631

W281506-SAMPLE-K

W281506-1KG-K	1 kg
W281506-4KG-K	4 kg
W281506-10KG-K	10 kg
W281506-20KG-K	20 kg

Frankincense oil, see Frankincense oil Page 102

Olibanum oil

Frankincense; *Boswellia carterii*

[8016-36-2]

FEMA 2816

from *Boswellia spp.*

Kosher

France origin

W281611-SAMPLE-K

W281611-100G-K	100 g
W281611-1KG-K	1 kg

Olive oil NEW

[8001-25-0]

► extra virgin, Certified organic (NOP/EU)
from (*Olea europaea*)
Kosher
Tunisia origin

[W530191-SAMPLE-K](#)

[W530191-5KG-K](#)

5 kg

Onion oil, Dutch

FEMA 2817
from *Allium cepa* L.
Kosher
The Netherlands origin

[W281719-SAMPLE-K](#)

[W281719-100G-K](#)

100 g

[W281719-1KG-K](#)

1 kg

Onion oil, Mexican

FEMA 2817
from synthetic
Halal, Kosher
Mexico origin

[W281794-SAMPLE-K](#)

[W281794-100G-K](#)

100 g

[W281794-1KG-K](#)

1 kg

Onion oleoresin NEW

[8002-72-0]

► FG
Kosher

[W281799-1KG-K](#)

1 kg

Opopanax oil

[8021-36-1]
from *Commiphora erythrea*
Kosher
Organoleptic: balsam
France origin

[W522600-SAMPLE-K](#)

[W522600-100G-K](#)

100 g

[W522600-1KG-K](#)

1 kg

Orange flower absolute NEW

Neroli extract; Orange flower bitter; Bitter orange flower

[72968-50-4]

► natural

FEMA 2818
from *Citrus aurantium*
Kosher
Organoleptic: sweet; warm; rich

[W281800-SAMPLE-K](#)

[W281800-5G-K](#)

5 g

[W281800-25G-K](#)

25 g

☒ Orange flower bitter, see Neroli extract Page 103
Orange flower absolute Page 103

Orange oil

[8008-57-9]

Organoleptic: orange; sweet

► cold-pressed, California origin

FEMA 2825

from *Citrus sinensis* (L.) Osbeck

Halal, Kosher

Fen. 206

[W282510-SAMPLE-K](#)

[W282510-1KG-K](#)

L-Ornithine hydrochloride

(S)-(+)-2,5-Diaminopentanoic acid hydrochloride; L-Ornithine monohydrochloride; (S)-2,5-Diamino-pentanoic acid monohydrochloride
[3184-13-2] NH₂(CH₂)₃CH(CO₂H)(NH₂) · HCl FW 168.62

► 99%

FEMA 4190

[W419001-1KG](#)

[W419001-100G](#)

[W419001-SAMPLE](#)

☒ L-Ornithine monohydrochloride, see L-Ornithine hydrochloride
Page 103

Orris concrete

[8002-73-1]

FEMA 2829

from *Iris florentina*, *Iris germanica*

Halal, Kosher

Organoleptic: apricot; berry; grape; honey; oily; peach; raspberry; sweet; vanilla; violet; woody
France origin

[W282928-SAMPLE-K](#)

[W282928-25G-K](#)

25 g

[W282928-100G-K](#)

100 g

☒ 1-Oxa-2-cyclohexadecanone, see ω -Pentadecalactone
Page 104

2-Oxobutyric acid

Propionylformic acid; α -Ketobutyric acid; 2-Keto-butyric acid

[600-18-0] CH₃CH₂COCOOH C₄H₆O₃ FW 102.09

Fen. 631

► ≥97%

FEMA 3723 Flavis 8.066

Organoleptic: caramel; creamy
Kosher, NI

[W372307-SAMPLE-K](#)

[W372307-100G-K](#)

100 g

[W372307-250G-K](#)

250 g

[W372307-1KG-K](#)

1 kg

☒ 2-Oxohexamethyleneimine, see ϵ -Caprolactam Page 25

4-Oxoisophorone

2,6,6-Trimethyl-2-cyclohexene-1,4-dione; Keto-isophorone

[1125-21-9] C₉H₁₂O₂ FW 152.19

Fen. 771

► ≥98%, FG

FEMA 3421 Flavis 7.109 CoE Nr 11200

Organoleptic: musty; woody; sweet
Halal, Kosher

[W342106-SAMPLE-K](#)

[W342106-100G-K](#)

100 g

[W342106-1KG-K](#)

1 kg

[W342106-5KG-K](#)

5 kg

Origanum oil

[8007-11-2]

► FCC

FEMA 2828

from *Thymus capitatus* L. Hoffmanns & Link (primary material)

Halal, Kosher, NI

Spain origin

[W282812-SAMPLE-K](#)

[W282812-100G-K](#)

100 g

[W282812-1KG-K](#)

1 kg

[W282812-5KG-K](#)

5 kg

☒ 3,5 Or 6-Isopropyl-2-methoxypyrazine, see 2-Methoxy-3(5 or 6)-isopropylpyrazine Page 79

Oxopentanoicaci

- 4-Oxopentanoic acid, see Levulinic acid Page 75
- 3-Oxo-2-(pentenyl)cyclopentanecarboxylic acid, methyl ester, see Methyl jasmone Page 88
- 2-Oxo-3-phenylpropanoic acid, see Phenylpyruvic acid Page 111
- 2-Oxo-3-phenylpropionic acid, see Phenylpyruvic acid Page 111
- 2-Oxopropionic acid, see Pyruvic acid Page 116
- 4-Oxovaleric acid, see Levulinic acid Page 75
- PAA, see Phenylacetic acid Page 108

Palmarosa oil NEW

Palmarosa oil from *Cymbopogon martini*; Geranium oil, east-Indian
[8014-19-5]

► Certified organic (NOP/EU)

FEMA 2831
from (*Cymbopogon martini*)
Kosher
Kenya origin

[W283109-SAMPLE-K](#)

[W283109-1KG-K](#)

1 kg

- Palmarosa oil from *Cymbopogon martini*, see Palmarosa oil Page 104

Palm fruit oil NEW

Palm oil
[8002-75-3]

► Certified organic (NOP/EU)

from (*Elaeis guineensis*)
Colombia origin

[W530216-SAMPLE](#)

[W530216-5KG](#)

5 kg

Palmitic acid

Hexadecanoic acid
[57-10-3] $\text{CH}_3(\text{CH}_2)_{14}\text{COOH}$ $\text{C}_{16}\text{H}_{32}\text{O}_2$ FW 256.42
Arc. 2447

► FCC, FG

FEMA 2832 Flavis 8.014 CoE Nr 14
Halal, Kosher, NI
Fen. 635

[W283207-SAMPLE-K](#)

[W283207-1KG-K](#)

1 kg

[W283207-10KG-K](#)

10 kg

[W283207-25KG-K](#)

25 kg

- Palmitic acid ethyl ester, see Ethyl palmitate Page 49
- Palmitic acid methyl ester, see Methyl palmitate Page 90
- Palmityl alcohol, see 1-Hexadecanol Page 59
- Palm oil, see Palm fruit oil Page 104

Palm oil

[8002-75-3]

► analytical standard, for food analysis refined

[70905](#)

- Para Red, see Pararot Page 104

Pararot

NEW

1-(4-Nitrophenylazo)-2-naphthol; 1-(*p*-Nitrophenylazo)-2-naphthol; Para Red
[6410-10-2] $\text{O}_2\text{NC}_6\text{H}_4\text{N}=\text{NC}_{10}\text{H}_6\text{OH}$ $\text{C}_{16}\text{H}_{11}\text{N}_3\text{O}_3$ FW 293.28

► analytical standard, for food analysis

≥97.0% (HPLC)

[40446-100MG](#)

100 mg

Parsley leaf extract

NEW

[8000-68-8]

► FG, natural

from *Petroselinum crispum*

Kosher

Organoleptic: green; herbaceous

[W530432-SAMPLE-K](#)

[W530432-25G-K](#)

25 g

[W530432-100G-K](#)

100 g

Parsley oil

[8000-68-8]

► FCC

FEMA 2836

from *Petroselinum sativum* Hoff

Kosher

France origin

[W283606-SAMPLE-K](#)

[W283606-100G-K](#)

100 g

[W283606-1KG-K](#)

1 kg

[W283606-5KG-K](#)

5 kg

Patchouli oil

[8014-09-3] FEMA 2838

from *Pogostemon cablin* (Blanco) Benth

Kosher

Indonesia origin

[W283800-SAMPLE-K](#)

[W283800-1KG-K](#)

1 kg

[W283800-5KG-K](#)

5 kg

[W283800-10KG-K](#)

10 kg

► Certified organic (NOP/EU)

NEW

[W283823-SAMPLE-K](#)

[W283823-1KG-K](#)

1 kg

- PEA, see Phenethyl alcohol Page 106

β -PEA, see Phenethyl alcohol Page 106

Pelargonialdehyde, see Nonanal Page 98

Pelargonic acid, see Nonanoic acid Page 98

Pelargonyl acetate, see Nonyl acetate Page 99

ω -Pentadecalactone

15-Hydroxypentadecanoic acid lactone; Pentadecanolide; 1-Oxa-2-cyclohexadecanone; 15-Pentadecalactone; Pentalide

[106-02-5] $\text{C}_{15}\text{H}_{28}\text{O}_2$ FW 240.38

Arc. 811; Fen. 636

► ≥98%

FEMA 2840 Flavis 10.004 CoE Nr 181

Organoleptic: berry

Halal, Kosher, NI

[W284009-SAMPLE-K](#)

[W284009-100G-K](#)

100 g

[W284009-1KG-K](#)

1 kg

[W284009-5KG-K](#)

5 kg

Pentadecanoic acid

NEW

[1002-84-2] $\text{CH}_3(\text{CH}_2)_{13}\text{COOH}$ $\text{C}_{15}\text{H}_{30}\text{O}_2$
FW 242.40

► ≥99%

FEMA 4334

[W433400-SAMPLE](#)

[W433400-1KG](#)

1 kg

- Pentadecanolide, see ω -Pentadecalactone Page 104
- 15-Pentadecalactone, see ω -Pentadecalactone Page 104

2-Pentadecanone

Methyl tridecyl ketone

[2345-28-0] $\text{CH}_3\text{CO}(\text{CH}_2)_{12}\text{CH}_3$ $\text{C}_{15}\text{H}_{30}\text{O}$
FW 226.40

Fen. 636

► ≥98%

FEMA 3724 Flavis 7.137 CoE Nr 11808
Kosher

[W372404-SAMPLE-K](#)

[W372404-100G-K](#)

100 g

[W372404-1KG-K](#)

1 kg

[W372404-5KG-K](#)

5 kg

- Pentalide, see ω -Pentadecalactone Page 104
- ω -Pentadecalactone Page 104
- Pentanal, see Valeraldehyde Page 128

1-Pentanethiol NEW

Mercaptan C_5 ; Pentyl mercaptan; Amyl mercaptan
[110-66-7] $\text{CH}_3(\text{CH}_2)_4\text{SH}$ $\text{C}_5\text{H}_{12}\text{S}$ FW 104.21

► 98%

FEMA 4333 Flavis 12.191

[W433300-SAMPLE](#)

[W433300-1KG](#)

1 kg

- Pentanoic acid, see Valeric acid Page 128
- 1-Pentanol, see Amyl alcohol Page 13

2-Pentanol

(\pm)-2-Pentanol; Methyl propyl carbinol; sec-Pentyl alcohol
[6032-29-7] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}(\text{OH})\text{CH}_3$ $\text{C}_5\text{H}_{12}\text{O}$
FW 88.15

Arc. 127; Fen. 639

► ≥98%

FEMA 3316 Flavis 2.088 CoE Nr 4201

Organoleptic: oily; green

Kosher

[W331600-SAMPLE-K](#)

[W331600-1KG-K](#)

1 kg

[W331600-4KG-K](#)

4 kg

[W331600-8KG-K](#)

8 kg

- (\pm)-2-Pentanol, see 2-Pentanol Page 104

2-Pentanone

Methyl propyl ketone
[107-87-9] CH₃COCH₂CH₂CH₃ C₅H₁₀O FW 86.13
Arc. 2226; Fen. 639

► ≥98%, FCC

FEMA 2842 Flavis 7.054 CoE Nr 754

Natural occurrence: Apple, banana, blue cheese, butter, cheddar cheese, cocoa, coffee, fish, rum, strawberry, Virginia tobacco, whiskey.

Organoleptic: alcohol; apple; banana; cheese; chocolate; musty; ethereal; fruity; pineapple; potato; strawberry; sweet; wine-like; fishy

NI

4-methyl-2-pentanone <2.0%

W284203-SAMPLE

W284203-100G	100 g
W284203-1KG	1 kg
W284203-4KG	4 kg
W284203-8KG	8 kg
W284203-20KG	20 kg

3-Pentanone

Diethyl ketone
[96-22-0] CH₃CH₂COCH₂CH₃ C₅H₁₀O FW 86.13

► ≥99%

Flavis 7.084 CoE Nr 2350
NI

W510106-SAMPLE

W510106-1KG	1 kg
W510106-4KG	4 kg
W510106-8KG	8 kg

trans-2-Pentenal

2-Ethylacrylic aldehyde
[1576-87-0] C₂H₅CH=CHCHO C₅H₈O FW 84.12
Fen. 640

► ≥95%, FG

FEMA 3218 CoE Nr 10375

Organoleptic: apple; orange; green; vegetable
Halal, Kosher, NI

W321818-SAMPLE-K

W321818-25G-K	25 g
W321818-100G-K	100 g
W321818-1KG-K	1 kg

trans-2-Pentenoic acid

[13991-37-2] C₂H₅CH=CHCO₂H C₅H₈O₂
FW 100.12

► 98%

FEMA 4193 Flavis 8.107

cis isomer ≤10%

W419301

4-Pentenoic acid

3-Vinylpropionic acid; Allylactic acid
[591-80-0] CH₂=CHCH₂CH₂COOH C₅H₈O₂
FW 100.12

Arc. 2452; Fen. 640

► ≥98%, FG

FEMA 2843 Flavis 8.048 CoE Nr 2004

Organoleptic: butter; cheese; fruity

Halal, Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

W284300-SAMPLE-K

W284300-25G-K	25 g
W284300-100G-K	100 g
W284300-1KG-K	1 kg

☒ 4-Pentenoic acid methyl ester, see Methyl 4-pentenoate Page 91

1-Penten-3-ol

Ethyl vinyl carbinol
[616-25-1] CH₃CH₂CH(OH)CH=CH₂ C₅H₁₀O
FW 86.13

Arc. 2454; Fen. 641

► ≥98%, FG

FEMA 3584 Flavis 2.099 CoE Nr 4025

Organoleptic: butter; horseradish; green
Halal, Kosher, NI

W358401-SAMPLE-K

W358401-100G-K	100 g
W358401-200G-K	200 g
W358401-1KG-K	1 kg
W358401-4KG-K	4 kg

cis-2-Penten-1-ol

[1576-95-0] C₂H₅CH=CHCH₂OH C₅H₁₀O FW 86.13

► ≥96%

FEMA 4305

Kosher

W430500-SAMPLE-K

W430500-100G-K	100 g
W430500-1KG-K	1 kg

☒ 1-Penten-3-one, see Ethyl vinyl ketone Page 51

3-Penten-2-one

Methyl propenyl ketone
[625-33-2] CH₃CH=CHCOCH₃ C₅H₈O FW 84.12
Fen. 642

► ≥70%

FEMA 3417 Flavis 7.044 CoE Nr 666

Organoleptic: fruity
Kosher, NI

W341703-SAMPLE-K

W341703-25G-K	25 g
W341703-100G-K	100 g
W341703-1KG-K	1 kg

4-Penten-1-yl acetate

(NEW)

[1576-85-8] C₇H₁₂O₂ FW 128.17

► 98%

Flavis 9.917

W401101

☒ Pentyl acetate, see Amyl acetate Page 13
Pentyl alcohol, see Amyl alcohol Page 13
sec-Pentyl alcohol, see 2-Pentanol Page 104
Pentylamine, see Amylamine Page 13

2-Pentyl butyrate

[60415-61-4] C₉H₁₇CO₂CH(CH₃)C₃H₇ C₉H₁₈O₂
FW 158.24

► >98%

FEMA 3893 Flavis 9.658

Organoleptic: fatty; sweet
Kosher

W389323-SAMPLE-K**2-Pentylfuran**

[3777-69-3] FEMA 3317 C₉H₁₄O FW 138.21
Fen. 643

► ≥97%, FG

Flavis 13.059 CoE Nr 10966

Organoleptic: green; vegetable
Halal, Kosher, NI

W331708-SAMPLE-K

W331708-25G-K	25 g
W331708-100G-K	100 g
W331708-1KG-K	1 kg

► natural (US), ≥97%, FG

Color: may darken over time

Organoleptic: metallic; green bean; vegetable

W331715

☒ n-Pentyl hexanoate, see Amyl hexanoate Page 13
Pentyl mercaptan, see 1-Pantanethiol Page 104

2-Pentylpyridine

2-Amyl pyridine
[2294-76-0] C₁₀H₁₅N FW 149.23
Fen. 644

► ≥97%

FEMA 3383 Flavis 14.06 CoE Nr 11412

Organoleptic: melon; vegetable; green

W338303-SAMPLE

W338303-25G	25 g
W338303-100G	100 g
W338303-1KG	1 kg

☒ (±)-6-Pentyltetrahydro-2H-pyran-2-one, see δ-Decalactone Page 33

(±)-δ-Pentyl-δ-valerolactone, see δ-Decalactone Page 33

Pentyl vinyl carbinol, see 1-Octen-3-ol Page 101

Peppermintoil

Peppermint oil

[8006-90-4] FEMA 2848
Fen. 222

► purified by redistillation, FCC

from *Mentha piperita L.*

Organoleptic: camphoraceous; minty
Halal, Kosher
USA origin

W284807-SAMPLE-K

W284807-1KG-K

1 kg

W284807-4KG-K

4 kg

W284807-9KG-K

9 kg

► FCC

from *Mentha piperita L.*

Organoleptic: minty; camphoraceous
Halal, Kosher
USA origin

W284815-SAMPLE-K

W284815-1KG-K

1 kg

W284815-4KG-K

4 kg

W284815-9KG-K

9 kg

► purified by triple-distillation, FCC

Organoleptic: minty; camphoraceous
Kosher
USA origin

W284823-SAMPLE-K

W284823-1KG-K

1 kg

W284823-4KG-K

4 kg

W284823-9KG-K

9 kg

► terpeneless, FCC

Organoleptic: camphoraceous; minty
Kosher
USA origin

W284831-SAMPLE-K

W284831-1KG-K

1 kg

W284831-4KG-K

4 kg

W284831-9KG-K

9 kg

► Certified organic (NOP/EU)

NEW

from *Mentha piperita L.*
Kosher

W284843-SAMPLE-K

W284843-1KG-K

1 kg

▣ (-)-Perillaaldehyde, see (S)-(–)-Perillaaldehyde Page 106

(S)-(–)-Perillaaldehyde

(S)-4-Isopropenyl-cyclohexene-1-carboxaldehyde;
(S)-*p*-Mentha-1,8-dien-7-al; (-)-Perillaaldehyde
[18031-40-8] C₁₀H₁₄O FW 150.22

► ≥92%

FEMA 3557 CoE Nr 4154

Organoleptic: cherry; oily; green
Kosher, NI

W355704-SAMPLE-K

W355704-100G-K

100 g

W355704-1KG-K

1 kg

W355704-5KG-K

5 kg

(S)-(–)-Perillyl alcohol

p-Mentha-1,8-diene-7-ol

[18457-55-1] C₁₀H₁₆O FW 152.23
Arc. 936; Fen. 442

► ≥90%, FG

FEMA 2664 Flavis 2.06 CoE Nr 2024

Organoleptic: green; fatty
Halal, Kosher, NI

W266418-SAMPLE-K

W266418-100G-K

100 g

W266418-1KG-K

1 kg

W266418-5KG-K

5 kg

Peru balsam

[8007-00-9]

FEMA 2116 CoE Nr 298n

Kosher

Organoleptic: cinnamon; fruity; sweet; vanilla; herbaceous; woody

W211613-SAMPLE-K

W211613-1KG-K

1 kg

W211613-10KG-K

10 kg

W211613-25KG-K

25 kg

Peru balsam oil

FEMA 2117 CoE Nr 298n

from *Myroxylon pereirae* Klotzsch
purified by distillation

Kosher, NI

El Salvador origin

W211710-SAMPLE-K

W211710-1KG-K

1 kg

W211710-5KG-K

5 kg

W211710-10KG-K

10 kg

Petitgrain oil, Paraguay

Bitter orange oil

[8014-17-3]

Kosher

from *Citrus aurantium*

W523607-SAMPLE-K

W523607-1KG-K

1 kg

W523607-4KG-K

4 kg

W523607-9KG-K

9 kg

► Certified organic (NOP/EU)

NEW

Paraguay origin

W530183-SAMPLE-K

W530183-1KG-K

1 kg

▣ Petroselinum Sativum, see Parsley oil Page 104

α-Phellandrene

[99-83-2] C₁₀H₁₆ FW 136.23

FEMA 2856 Flavis 1.006 CoE Nr 2117

Organoleptic: minty; herbaceous

Halal, Kosher, NI

Arc. 2459; Fen. 644

W285609-SAMPLE-K

W285609-1KG-K

1 kg

W285609-4KG-K

4 kg

W285609-8KG-K

8 kg

W285609-20KG-K

20 kg

Phenethyl acetate

2-Phenethyl acetate; 2-Phenylethyl acetate

[103-45-7] FEMA 2857 Flavis 9.031 CoE Nr 221
CH₃COOCH₂CH₂C₆H₅ C₁₀H₁₂O₂ FW 164.20

Halal, Kosher, NI

Arc. 2512; Fen. 645

► ≥98%, FCC

Natural occurrence: Melon, pineapple, grape, brandy, Arctic bramble, olives and lettuce.

Organoleptic: apple; apricot; caramel; grape; honey; melon; citrus; fruity; pineapple; rose; sweet; wine-like

W285706-SAMPLE-K

W285706-1KG-K

1 kg

W285706-5KG-K

5 kg

W285706-10KG-K

10 kg

► natural, ≥99%, FCC

Natural Occurrence: Melon, pineapple, grape, brandy, Arctic bramble, olives and lettuce.

Organoleptic: grape; honey; melon; floral; fruity; pineapple; rose; sweet; wine-like; vegetable; citrus

W285714-SAMPLE-K

W285714-25G-K

25 g

W285714-100G-K

100 g

W285714-1KG-K

1 kg

▣ 2-Phenethyl acetate, see Phenethyl acetate Page 106

Phenethyl alcohol

2-Phenylethanol; Benzyl carbinol; 2-Phenylethyl alcohol; PEA; β-PEA

[60-12-8] FEMA 2858 Flavis 2.019 CoE Nr 68
C₆H₅CH₂CH₂OH C₆H₁₀O FW 122.16

Arc. 2513; Fen. 645

► ≥99%, FCC, FG

Halal, Kosher, NI

Organoleptic: honey; rose

W285803-SAMPLE-K

W285803-1KG-K

1 kg

W285803-10KG-K

10 kg

W285803-25KG-K

25 kg

► natural, ≥99%, FCC

Halal, Kosher

Organoleptic: honey; floral; rose

W285811-SAMPLE-K

W285811-25G-K

25 g

W285811-100G-K

100 g

W285811-1KG-K

1 kg

Phenethyl anthranilate

Benzyl carbonyl anthranilate

[133-18-6] 2-(H₂N)C₆H₄CO₂CH₂CH₂C₆H₅

C₁₅H₁₅NO₂ FW 241.29

Arc. 2514; Fen. 646

► ≥98%, FCC

FEMA 2859 Flavis 9.723 CoE Nr 258

Organoleptic: chocolate; honey; iris; fruity; rose; sweet

Kosher

W285900-SAMPLE-K

W285900-100G-K

100 g

W285900-1KG-K

1 kg

W285900-5KG-K

5 kg

Phenethylpropio

Phenethyl benzoate

[94-47-3] C₆H₅CO₂CH₂CH₂C₆H₅ C₁₅H₁₄O₂
FW 226.27

Arc. 2515; Fen. 647

► ≥99%

FEMA 2860 Flavis 9.774 CoE Nr 667

Organoleptic: honey; rose

Kosher, NI

[W286001-SAMPLE-K](#)

[W286001-1KG-K](#)

1 kg

[W286001-5KG-K](#)

5 kg

[W286001-10KG-K](#)

10 kg

Phenethyl butyrate

[103-52-6] CH₃CH₂CH₂CO₂CH₂CH₂C₆H₅ C₁₂H₁₆O₂
FW 192.25

Arc. 2516; Fen. 647

► ≥98%, FCC

FEMA 2861 Flavis 9.168 CoE Nr 506

Organoleptic: grape; floral; strawberry; sweet

Kosher, NI

[W286109-SAMPLE-K](#)

[W286109-1KG-K](#)

1 kg

[W286109-5KG-K](#)

5 kg

[W286109-10KG-K](#)

10 kg

☒ Phenethyl caproate, see Phenethyl hexanoate Page 107
Phenethyl caprylate, see Phenethyl octanoate Page 107

Phenethyl cinnamate

Benzyl carbonyl cinnamate

[103-53-7] C₆H₅CH=CHCO₂CH₂CH₂C₆H₅ C₁₇H₁₆O₂
FW 252.31

Arc. 2522; Fen. 648

► ≥96%

FEMA 2863 Flavis 9.743 CoE Nr 336

Organoleptic: sweet

Kosher, NI

[W286303-SAMPLE-K](#)

[W286303-1KG-K](#)

1 kg

[W286303-5KG-K](#)

5 kg

[W286303-10KG-K](#)

10 kg

Phenethyl formate

Benzyl carbonyl formate

[104-62-1] HCO₂CH₂CH₂C₆H₅ C₉H₁₀O₂ FW 150.17
Arc. 2529; Fen. 648

► ≥96%

FEMA 2864 Flavis 9.083 CoE Nr 350

Organoleptic: floral; green; herbaceous; rose
Kosher, NI

[W286400-SAMPLE-K](#)

[W286400-1KG-K](#)

1 kg

[W286400-5KG-K](#)

5 kg

[W286400-10KG-K](#)

10 kg

Phenethyl 2-furoate

[7149-32-8] C₁₃H₁₂O₃ FW 216.23

Arc. 2530

► ≥98%

FEMA 2865 Flavis 13.006 CoE Nr 362

Organoleptic: musty

Kosher

Fen. 649

[W286508-SAMPLE-K](#)

[W286508-100G-K](#)

100 g

[W286508-1KG-K](#)

1 kg

[W286508-5KG-K](#)

5 kg

Phenethyl hexanoate

Phenethyl caproate

[6290-37-5] CH₃(CH₂)₄CO₂CH₂CH₂C₆H₅ C₁₄H₂₀O₂
FW 220.31

Arc. 2518; Fen. 649

► ≥97%, FG

FEMA 3221 Flavis 9.261 CoE Nr 10882

Organoleptic: banana; green; rose

Halal, Kosher, NI

[W322105-SAMPLE-K](#)

[W322105-100G-K](#)

100 g

[W322105-1KG-K](#)

1 kg

[W322105-10KG-K](#)

10 kg

Phenethyl isobutyrate

[103-48-0] (CH₃)₂CHCO₂CH₂CH₂C₆H₅ C₁₂H₁₆O₂
FW 192.25

Arc. 2517; Fen. 650

► ≥98%, FCC

FEMA 2862 Flavis 9.427 CoE Nr 302

Organoleptic: fruity; rose

Kosher, NI

[W286206-SAMPLE-K](#)

[W286206-1KG-K](#)

1 kg

[W286206-5KG-K](#)

5 kg

[W286206-10KG-K](#)

10 kg

☒ Phenethyl isopentanoate, see Phenethyl isovalerate
Page 107

Phenethyl isothiocyanate, see 2-Phenylethyl isothiocyanate
Page 109

Phenethyl isovalerate

Phenethyl isopentanoate; Benzyl carbonyl isovalerate

[140-26-1] (CH₃)₂CHCH₂CO₂CH₂CH₂C₆H₅ C₁₃H₁₈O₂
FW 206.28

Arc. 2558; Fen. 650

► ≥98%, FCC, FG

FEMA 2871 Flavis 9.466 CoE Nr 461

Organoleptic: fruity; rose

Halal, Kosher, NI

[W287105-SAMPLE-K](#)

[W287105-1KG-K](#)

1 kg

[W287105-10KG-K](#)

10 kg

[W287105-25KG-K](#)

25 kg

☒ Phenethyl mercaptan, see Phenylethyl mercaptan

Page 109

Phenethyl 2-methylbutyrate

Benzyl carbonyl ethyl methyl acetate

[24817-51-4] C₆H₅CH(CH₃)CO₂CH₂CH₂C₆H₅ C₁₃H₁₈O₂
FW 206.28

Arc. 2537; Fen. 651

► ≥95%, FCC

FEMA 3632 Flavis 9.538 CoE Nr 10883

Kosher, NI

Organoleptic: floral; fruity

[W363200-SAMPLE-K](#)

[W363200-250G-K](#)

250 g

[W363200-1KG-K](#)

1 kg

[W363200-5KG-K](#)

5 kg

Phenethyl octanoate

Phenethyl caprylate

[5457-70-5] CH₃(CH₂)₆CO₂CH₂CH₂ C₁₆H₂₄O₂
FW 248.36

Arc. 2519; Fen. 651

► ≥99%

FEMA 3222 Flavis 9.262 CoE Nr 10884

Organoleptic: fruity; green; floral

Halal, NI

[W322202-SAMPLE-K](#)

[W322202-100G](#)

100 g

[W322202-1KG](#)

1 kg

[W322202-10KG](#)

10 kg

Phenethyl propionate

Phenylethanol propanoate

[122-70-3] C₆H₅CO₂CH₂CH₂C₆H₅ C₁₁H₁₄O₂
FW 178.23

Arc. 2549; Fen. 652

► ≥98%, FCC

FEMA 2866 Flavis 9.707 CoE Nr 234

Organoleptic: apricot; hyacinth; floral; fruity; rose;

sweet

Halal, Kosher, NI

[W286605-SAMPLE-K](#)

[W286605-1KG-K](#)

1 kg

[W286605-5KG-K](#)

5 kg

[W286605-10KG-K](#)

10 kg

Phenethylsalicy

Phenethyl salicylate

Benzyl carbonyl salicylate
 [87-22-9] 2-(HO)C₆H₄CO₂CH₂CH₂C₆H₅ C₁₅H₁₄O₃
 FW 242.27
 Arc. 2551; Fen. 653

► ≥97%

FEMA 2868 Flavis 9.753 CoE Nr 437
Organoleptic: balsam; carnation; hyacinth; rose
 Kosher

[W286818-SAMPLE-K](#)

W286818-1KG-K	1 kg
W286818-5KG-K	5 kg
W286818-10KG-K	10 kg

Phenethyl tiglate

Benzyl carbonyl tiglate
 [55719-85-2] CH₃CH=C(CH₃)CO₂CH₂CH₂C₆H₅
 C₁₃H₁₆O₂ FW 204.26
 Arc. 2555; Fen. 654

► ≥94%

FEMA 2870 Flavis 9.496 CoE Nr 2186
Organoleptic: herbaceous; raspberry; rose; strawberry; green
 Kosher
 contains 0.10% alpha-tocopherol, synthetic as antioxidant
[W287008-SAMPLE-K](#)

W287008-100G-K	100 g
W287008-1KG-K	1 kg
W287008-5KG-K	5 kg

Phenol

Hydroxybenzene
 [108-95-2] C₆H₅OH C₆H₆O FW 94.11

► ≥99%

FEMA 3223 Flavis 4.041 CoE Nr 11811
 Halal, Kosher, NI
 Fen. 654
[W322318-SAMPLE-K](#)

W322318-1KG-K	1 kg
W322318-5KG-K	5 kg
W322318-10KG-K	10 kg

2-Phenoxyethyl isobutyrate

Ethylene glycol monophenylether isobutyrate
 [103-60-6] (CH₃)₂CHCO₂CH₂CH₂OC₆H₅ C₁₂H₁₆O₃
 FW 208.25
 Arc. 2466; Fen. 655

► ≥97%, FCC

FEMA 2873 Flavis 9.487 CoE Nr 2089
Organoleptic: honey; rose
[W287318-SAMPLE](#)

W287318-1KG	1 kg
W287318-5KG	5 kg
W287318-10KG	10 kg

Phenoxyethyl propionate

[23495-12-7] C₂H₅CO₂CH₂CH₂OC₆H₅ C₁₁H₁₄O₃
 FW 194.23
 Arc. 2467

► ≥98%

Kosher

[W514802-SAMPLE-K](#)

W514802-1KG-K	1 kg
W514802-5KG-K	5 kg
W514802-10KG-K	10 kg

Phenylacetaldehyde

α-Tolualdehyde
 [122-78-1] C₆H₅CH₂CHO C₆H₈O FW 120.15

► ≥90%, FCC, FG

FEMA 2874 Flavis 5.03 CoE Nr 116

Natural occurrence: Apple, apricot, bilberry, cherry, grapefruit, guava, orange peel, peach, raisin, grape, asparagus, blackberry, papaya, melon, cabbage, sweet pepper and celery leaves.

Organoleptic: apple; apricot; berry; cherry; chocolate; grape; grapefruit; honey; hyacinth; lemon; melon; orange; fruity; green; nutty; peach; peanut; vegetable; wine-like

Halal, Kosher, NI

Arc. 2470; Fen. 657

[W287407-SAMPLE-K](#)

W287407-1KG-K	1 kg
W287407-5KG-K	5 kg
W287407-10KG-K	10 kg

Phenylacetaldehyde solution

[122-78-1] C₆H₅CH₂CHO C₆H₈O FW 120.15
 Arc. 2470; Fen. 657

► natural, 10 wt. % in ethanol

FEMA 2874 Flavis 5.03

Natural occurrence: Apple, apricot, bilberry, cherry, grapefruit, guava, orange peel, peach, raisin, grape, asparagus, blackberry, papaya, melon, cabbage, sweet pepper and celery leaves.

Organoleptic: apple; berry; cherry; chocolate; grape; grapefruit; honey; orange; herbaceous; floral; peach; peanut; sweet; green

Kosher

[W287415-SAMPLE-K](#)

W287415-25G-K	25 g
W287415-100G-K	100 g
W287415-1KG-K	1 kg

Phenylacetaldehyde dimethyl acetal

(2,2-Dimethoxyethyl)benzene
 [101-48-4] C₆H₅CH₂CH(OCH₃)₂ C₁₀H₁₄O₂
 FW 166.22

Arc. 2485; Fen. 658

► ≥98%, FCC

FEMA 2876 Flavis 6.006 CoE Nr 40
Organoleptic: hyacinth; green; spicy

Halal, Kosher, NI

[W287601-SAMPLE-K](#)

W287601-1KG-K	1 kg
W287601-5KG-K	5 kg
W287601-10KG-K	10 kg

Phenylacetic acid

PAA; α-Tolyc acid; Benzeneacetic acid

[103-82-2] FEMA 2878 Flavis 8.038 C₆H₅CH₂CO₂H
 C₆H₈O₂ FW 136.15

Arc. 2492; Fen. 659

► ≥99%, FCC

CoE Nr 672

Organoleptic: honey; floral; green; sweet
 Halal, NI

[W287806-SAMPLE](#)

W287806-1KG	1 kg
W287806-10KG	10 kg
W287806-25KG	25 kg

► natural, ≥99%

CoE Nr 672c

Natural Occurrence: Guava, wines, papaya, raspberry, strawberry, potato, tomato, gruyere, Swiss and cheddar cheeses, mango, passion fruit, honey and tea.

Organoleptic: cheese; chocolate; honey; musty; floral; fruity; raspberry; rose; strawberry; vanilla; vegetable; herbaceous; meaty; wine-like

[W287814-SAMPLE](#)

W287814-25G	25 g
W287814-100G	100 g
W287814-1KG	1 kg

☒ trans-3-Phenylacrylic acid, see trans-Cinnamic acid
 Page 27

L-Phenylalanine

(S)-2-Amino-3-phenylpropionic acid

[63-91-2] C₆H₅CH₂CH(NH₂)CO₂H C₉H₁₁NO₂
 FW 165.19

Fen. 664

► ≥98.5%, FCC

FEMA 3585 Flavis 17.018 CoE Nr 10488
 Kosher
 NI

[W358509-SAMPLE-K](#)

W358509-1KG-K	1 kg
W358509-5KG-K	5 kg
W358509-10KG-K	10 kg

DL-Phenylalanine

(±)-2-Amino-3-phenylpropionic acid

[150-30-1] C₆H₅CH₂CH(NH₂)COOH C₉H₁₁NO₂
 FW 165.19

Fen. 663

► ≥98.5%, FCC

FEMA 3726 Flavis 17.017 CoE Nr 10488
Organoleptic: sweet
 NI

[W372609-SAMPLE](#)

W372609-100G	100 g
W372609-1KG	1 kg
W372609-5KG	5 kg

☒ 1-Phenylazo-2-naphthol, see Sudan I Page 120
 1-4-(Phenylazo)phenylazo]-2-naphthol, see Sudan III
 Page 120

4-Phenyl-2-butanol

α -Methyl-benzene propanol
[2344-70-9] $C_6H_5CH_2CH_2CH(OH)CH_3$ $C_{10}H_{14}O$
FW 150.22
► ≥96.5%
FEMA 2879 Flavis 2.036

W287901

2-Phenyl-2-butenal, mixture of cis and trans

[4411-89-6] $CH_3CH=C(C_6H_5)CHO$ $C_{10}H_{10}O$
FW 146.19
Fen. 660
► ≥97%
FEMA 3224 Flavis 5.062 CoE Nr 670
Organoleptic: chocolate; floral; earthy
Halal, NI

W322407-SAMPLE

W322407-25G	25 g
W322407-100G	100 g
W322407-1KG	1 kg

Phenyl disulfide

Diphenyl disulfide
[882-33-7] $C_6H_5SSC_6H_5$ $C_{12}H_{10}S_2$ FW 218.34
Fen. 198
► ≥98%
FEMA 3225 Flavis 12.043 CoE Nr 11757
Organoleptic: earthy; sulfurous
Kosher

W322504-SAMPLE-K

W322504-100G-K	100 g
W322504-1KG-K	1 kg
W322504-5KG-K	5 kg

□ 2-Phenylethanethiol, see Phenylethyl mercaptan Page 109
 (±)-1-Phenylethanol, see α -Methylbenzyl alcohol Page 82
 2-Phenylethanol, see Phenethyl alcohol Page 106
 Phenylethanol propionate, see Phenethyl propionate
Page 107
 Phenyl ether, see Diphenyl ether Page 40
 2-Phenylethyl acetate, see Phenethyl acetate Page 106
 2-Phenylethyl alcohol, see Phenethyl alcohol Page 106
 Phenylethylene, see Styrene Page 120
 Phenylethylene oxide, see Styrene oxide Page 120

2-Phenylethyl isothiocyanate

Phenethyl isothiocyanate
[2257-09-2] $C_6H_5CH_2CH_2NCS$ C_9H_9NS FW 163.24
► ≥99%, FG
FEMA 4014 Flavis 12.193
Halal, Kosher

W401404-SAMPLE-K

W401404-25G-K	25 g
W401404-100G-K	100 g
W401404-1KG-K	1 kg

Phenylethyl mercaptan

2-Phenylethanethiol; 2-Phenylethyl mercaptan;
Phenethyl mercaptan
[4410-99-5] $C_6H_5CH_2CH_2SH$ $C_8H_{10}S$ FW 138.23
► ≥99%
FEMA 3894 Flavis 12.194

W389404-SAMPLE

W389404-25G	25 g
W389404-100G	100 g
W389404-1KG	1 kg

□ 2-Phenylethyl mercaptan, see Phenylethyl mercaptan
Page 109
Phenyl mercaptan, see Benzenethiol Page 16

1-Phenyl-3-methyl-3-pentanol

► ≥98%
FEMA 2883 Flavis 2.037 CoE Nr 86
Organoleptic: floral
NI
Arc. 2541; Fen. 664

W288306-SAMPLE

W288306-100G	100 g
W288306-1KG	1 kg
W288306-5KG	5 kg

□ Phenoxyxirane, see Styrene oxide Page 120

5-Phenyl-1-pentanol

Benzene pentanol
[10521-91-2] $C_6H_5(CH_2)_5OH$ $C_{11}H_{16}O$ FW 164.24
Arc. 2498
► ≥98%
FEMA 3618 Flavis 2.051 CoE Nr 674
Organoleptic: carnation; medicinal
Kosher

W361801-SAMPLE-K

W361801-25G-K	25 g
W361801-100G-K	100 g
W361801-1KG-K	1 kg

2-Phenylphenol

2-Hydroxybiphenyl
[90-43-7] $C_6H_5C_6H_4OH$ $C_{12}H_{10}O$ FW 170.21
► ≥99%

FEMA 3959

W395900-SAMPLE	
W395900-1KG	1 kg
W395900-5KG	5 kg
W395900-10KG	10 kg

□ 2-Phenylpropanol, see 2-Phenylpropionaldehyde Page 110

1-Phenyl-1,2-propanedione

Acetyl benzoyl
[579-07-7] $C_6H_5COCOCH_3$ $C_9H_8O_2$ FW 148.16
Fen. 666

► 98%, FG

FEMA 3226 Flavis 7.079 CoE Nr 2275

Halal, Kosher

Organoleptic: butter; medicinal; green; vegetable;
pepper
NI

W322601-SAMPLE-K

W322601-100G-K	100 g
W322601-1KG-K	1 kg
W322601-5KG-K	5 kg

□ (±)-1-Phenylpropanol, see 1-Phenyl-1-propanol Page 109

1-Phenyl-1-propanol

α -Ethylbenzyl alcohol; (±)-1-Phenylpropanol
[93-54-9] $C_6H_5CH(C_6H_5)OH$ $C_9H_{12}O$ FW 136.19

► ≥97%

FEMA 2884 Flavis 2.033 CoE Nr 82

Organoleptic: balsam; floral; sweet

W288403-SAMPLE

W288403-1KG	1 kg
W288403-5KG	5 kg
W288403-10KG	10 kg



Phenylpropanol

2-Phenyl-1-propanol

(\pm)-2-Phenyl-1-propanol; β -Methylphenethyl alcohol
[1123-85-9] $\text{CH}_3\text{CH}(\text{C}_6\text{H}_5)\text{CH}_2\text{OH}$ $\text{C}_9\text{H}_{12}\text{O}$
FW 136.19

► ≥97%

FEMA 2732 Flavis 2.073 CoE Nr 2257

Organoleptic: hyacinth

Arc. 1707; *Fen.* 544

[W273201-SAMPLE](#)

[W273201-1KG](#)

1 kg

[W273201-5KG](#)

5 kg

[W273201-10KG](#)

10 kg

☒ (\pm)-2-Phenyl-1-propanol, see 2-Phenyl-1-propanol
Page 109

3-Phenyl-1-propanol

3-Phenylpropyl alcohol; Hydrocinnamyl alcohol
[122-97-4] $\text{C}_6\text{H}_5(\text{CH}_2)_3\text{OH}$ $\text{C}_9\text{H}_{12}\text{O}$ FW 136.19
Arc. 2589; *Fen.* 667

► ≥98%, FCC

FEMA 2885 Flavis 2.031 CoE Nr 80

This alcohol or its ester derivatives are used as fragrance component in fresh flower compositions, like lilac, hyacinth, and lily of the valley because of the balsamic odor character.

Preservative in cosmetics - This alcohol a natural fragrance with antimicrobial properties against bacteria and molds. It is used in combination with Heliotropin or Piperonal as a preservative for cosmetic products.

Organoleptic: balsam; hyacinth; floral; sweet
NI

[W288500-SAMPLE](#)

[W288500-1KG](#)

1 kg

[W288500-5KG](#)

5 kg

[W288500-10KG](#)

10 kg

☒ 3-Phenylprop-2-enal, see Cinnamaldehyde Page 27
trans-3-Phenyl-2-propenal, see *trans*-Cinnamaldehyde
Page 27

3-Phenyl-2-propen-1-ol, see Cinnamyl alcohol Page 28

2-Phenylpropionaldehyde

Hydratopaldehyde; 2-Phenylpropanal
[93-53-8] $\text{CH}_3\text{CH}(\text{C}_6\text{H}_5)\text{CHO}$ $\text{C}_9\text{H}_{10}\text{O}$ FW 134.18
Arc. 1696; *Fen.* 668

► ≥95%, FCC, FG

FEMA 2886 Flavis 5.038 CoE Nr 126

Organoleptic: floral

Halal, Kosher

[W288608-SAMPLE-K](#)

[W288608-1KG-K](#)

1 kg

[W288608-5KG-K](#)

5 kg

[W288608-10KG-K](#)

10 kg

☒ 3-Phenylpropionaldehyde, see Hydrocinnamaldehyde
Page 65

2-Phenylpropionaldehyde dimethyl acetal

1,1-Dimethoxy-2-phenylpropane; Hydratropic aldehyde dimethyl acetal
[90-87-9] $\text{CH}_3\text{CH}(\text{C}_6\text{H}_5)\text{CH}(\text{OCH}_3)_2$ $\text{C}_{11}\text{H}_{16}\text{O}_2$
FW 180.24

Arc. 1700; *Fen.* 669

► ≥97%, FCC

FEMA 2888 Flavis 6.03 CoE Nr 2017

Organoleptic: spicy; earthy; walnut

[W288802-SAMPLE](#)

[W288802-100G](#)

100 g

[W288802-1KG](#)

1 kg

[W288802-5KG](#)

5 kg

2-Phenylpropyl isobutyrate

Hydratropyl isobutyrate

[65813-53-8] $(\text{CH}_3)_2\text{CHCO}_2\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\text{CH}_3$
 $\text{C}_{13}\text{H}_{18}\text{O}_2$ FW 206.28

Arc. 1709; *Fen.* 672

► ≥97%

FEMA 2892 Flavis 9.485 CoE Nr 2087

Organoleptic: floral; fruity

Kosher

[W289205-SAMPLE-K](#)

[W289205-25G-K](#)

25 g

[W289205-100G-K](#)

100 g

[W289205-1KG-K](#)

1 kg

3-Phenylpropyl isobutyrate

Hydrocinnamyl isobutyrate

[103-58-2] $(\text{CH}_3)_2\text{CHCO}_2(\text{CH}_2)_3\text{C}_6\text{H}_5$ $\text{C}_{13}\text{H}_{18}\text{O}_2$
FW 206.28

Arc. 2592; *Fen.* 673

► ≥98%

FEMA 2893 Flavis 9.428 CoE Nr 303

Organoleptic: balsam; fruity; sweet

FG (meets Japan Food Sanitation Law standards), Halal, Kosher

[W289302-SAMPLE-K](#)

[W289302-1KG-K](#)

1 kg

[W289302-10KG-K](#)

10 kg

[W289302-25KG-K](#)

25 kg

3-Phenylpropyl isovalerate

Hydrocinnamyl isovalerate; 3-Phenylpropyl- β -methylbutyrate

[5452-07-3] $(\text{CH}_3)_2\text{CHCH}_2\text{CO}_2(\text{CH}_2)_3\text{C}_6\text{H}_5$ $\text{C}_{14}\text{H}_{20}\text{O}_2$
FW 220.31

Arc. 2605; *Fen.* 673

► ≥99%

FEMA 2899 CoE Nr 462

Organoleptic: plum; raspberry; strawberry

[W289906-SAMPLE](#)

[W289906-100G](#)

100 g

[W289906-1KG](#)

1 kg

[W289906-5KG](#)

5 kg

☒ Phenyl propyl ketone, see Butyrophene Page 24
3-Phenylpropyl- β -methylbutyrate, see 3-Phenylpropyl isovalerate Page 110

2-Phenylpropyl butyrate

Hydratropyl butyrate
[80866-83-7] $\text{CH}_3\text{CH}_2\text{CH}_2\text{CO}_2\text{CH}_2\text{CH}(\text{C}_6\text{H}_5)\text{CH}_3$
 $\text{C}_{13}\text{H}_{18}\text{O}_2$ FW 206.28

Arc. 1708; *Fen.* 670

► ≥98%

FEMA 2891 Flavis 9.057 CoE Nr 285

Organoleptic: apricot; sweet

Kosher

[W289108](#)

3-Phenylpropyl propionate

Hydrocinnamyl propionate

[122-74-7] $\text{C}_6\text{H}_5(\text{CH}_2)_3\text{OCOCH}_2\text{CH}_3$ $\text{C}_{12}\text{H}_{16}\text{O}_2$
FW 192.25

► ≥97%

FEMA 2897 Flavis 9.138 CoE Nr 419

Organoleptic: floral

Kosher

Arc. 2600; *Fen.* 674

[W289701-SAMPLE-K](#)

[W289701-100G-K](#)

100 g

[W289701-1KG-K](#)

1 kg

[W289701-5KG-K](#)

5 kg

2-(3-Phenylpropyl)pyridine[2110-18-1] C₁₄H₁₅N FW 197.28

Fen. 674

► ≥97%

FEMA 3751 Flavis 14.072

W375101-SAMPLE**W375101-25G****W375101-100G****W375101-1KG****Phthalide**

1-Isobenzofuranone

[87-41-2] C₈H₆O₂ FW 134.13

► 98%

FEMA 4195 Flavis 10.056

W419501-SAMPLE**W419501-1KG****W419501-5KG****Phenylpyruvic acid**

2-Oxo-3-phenylpropanoic acid; 2-Oxo-3-phenylpropanoic acid

[156-06-9] C₉H₈COOH C₉H₈O₃ FW 164.16

► 98%

FEMA 3892 Flavis 8.109

W389201**Phenyl salicylate**

Salol

[118-55-8] 2-(HO)C₆H₄CO₂C₆H₅ C₁₃H₁₀O₃ FW 214.22

Arc. 2607

► ≥99%

FEMA 3960 Flavis 9.689

W396001-SAMPLE**W396001-1KG****W396001-5KG****W396001-10KG**

☒ 4-Phenyltoluene, see 4-Methylbiphenyl Page 111

4-Phenyltoluene

4-Methylbiphenyl

[644-08-6] C₆H₅C₆H₄CH₃ C₁₃H₁₂ FW 168.23

► ≥98%

FEMA 3186 Flavis 1.011 CoE Nr 2292

Organoleptic: chocolate; fennel; herbaceous; minty; spicy
Kosher

Fen. 498

W318604-SAMPLE-K**W318604-25G-K****W318604-100G-K****W318604-1KG-K****Phosphoric acid solution**► 85 wt. % in H₂O

FEMA 2900

Kosher

Arc. 2612

W290017-SAMPLE-K**W290017-1KG-K****W290017-10KG-K****W290017-25KG-K****Phytol**

3,7,11,15-Tetramethyl-2-hexadecen-1-ol

[7541-49-3] CH₃[CH(CH₃)(CH₂)₃]C(CH₃)=CHCH₂OH
C₂₀H₄₀O FW 296.53
Arc. 2613
► ≥97%
Organoleptic: balsam; floral
NI**W502200-SAMPLE****W502200-100G****W502200-1KG****W502200-4KG****Pimenta berry oil**

NEW

Pimento oil; Pimento berry; Allspice

[8006-77-7]

► natural

FEMA 2018 from *Pimenta officinalis* Lindl.

Kosher

Organoleptic: spicy

W201800-SAMPLE-K**W201800-100G-K****W201800-500G-K****Pimenta leaf oil**

Pimento oil; Pimento berry; Allspice

[8006-77-7]

FEMA 2901

from *Pimenta officinalis* Lindl.

Kosher

Jamaica origin

W290106-SAMPLE-K**W290106-100G-K****W290106-1KG-K****W290106-5KG-K**

☒ Pimenta oil, see Pimenta berry oil Page 111

Pimento leaf oil Page 111

Pimento berry, see Pimenta berry oil Page 111

Pimento berry oil Page 111

Pimento leaf oil Page 111

Pinanyl mercaptan, see 2-,3-,10-Mercaptophinane, mixture of isomers Page 78

(1R)-2-Pinen-10-al, see (1R)-(−)-Myrtenal Page 96

(−)-α-Pinene

(1S)-(−)-α-Pinene; (1S,5S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene; (1S,5S)-2-Pinene

[7785-26-4] C₁₀H₁₆ FW 136.23

Arc. 2619; Fen. 676

► ≥98%, FCC

FEMA 2902 CoE Nr 2112

Organoleptic: woody

Halal, Kosher, NI

W290203-SAMPLE-K**W290203-1KG-K****W290203-8KG-K****W290203-20KG-K**

☒ (+)-α-Pinene, see (1R)-(+)α-Pinene Page 111

(−)-β-Pinene

(1S)-(−)-β-Pinene; (1S,5S)-2(10)-Pinene; (1S,5S)-6,6-Dimethyl-2-methylenebicyclo[3.1.1]heptane

[18172-67-3] C₁₀H₁₆ FW 136.23

Arc. 2620; Fen. 676

► ≥97%, FCC

FEMA 2903 CoE Nr 2114

Halal, Kosher, NI

Organoleptic: woody

W290300-SAMPLE-K**W290300-1KG-K****W290300-8KG-K****W290300-20KG-K****(1R)-(+)-α-Pinene**

(+)α-Pinene; (1R,5R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene; (1R,5R)-2-Pinene

[7785-70-8] C₁₀H₁₆ FW 136.23

► ≥97%

FEMA 2902 CoE Nr 2113

Halal, Kosher, NI

Arc. 2619; Fen.

W290238-SAMPLE-K**W290238-1KG-K****W290238-8KG-K****W290238-20KG-K**

☒ (1S)-(−)-α-Pinene, see (−)-α-Pinene Page 111

(1S)-(−)-β-Pinene, see (−)-β-Pinene Page 111

(1R,5R)-2-Pinene, see (1R)-(+)α-Pinene Page 111

(1S,5S)-2-Pinene, see (−)-α-Pinene Page 111

(1S,5S)-2(10)-Pinene, see (−)-β-Pinene Page 111

Pine needle oil

[8021-29-2]

► natural

FEMA 2905

from *Pinus* spp.

Kosher

Organoleptic: turpentine

W290500-SAMPLE-K**W290500-250G-K****W290500-1KG-K**

☒ (1S,5S)-2-Pinen-4-one, see (1S)-(−)-Verbenone Page 129

α-Pipecoline, see 2-Methylpiperidine Page 92

2-Pipecoline, see 2-Methylpiperidine Page 92

Piperazine

Piperazine

Diethylenediamine; 1,4-Diazacyclohexane
[110-85-0] C₄H₁₀N₂ FW 86.14
 ▶ 99%
 FEMA 4250 Flavis 14.141
[W425001](#)

Piperidine

Hexahydropyridine
[110-89-4] C₆H₁₁N FW 85.15
 ▶ ≥99%, FCC
 FEMA 2908 Flavis 14.01 CoE Nr 675
Organoleptic: floral; sweet; animal
 Halal, Kosher, NI
 Arc. 2626; *Fen.* 678
[W290807-SAMPLE-K](#)
[W290807-1KG-K](#) 1 kg
[W290807-4KG-K](#) 4 kg
[W290807-9KG-K](#) 9 kg
[W290807-20KG-K](#) 20 kg

Piperine

1-Piperoylpiperidine
[94-62-2] C₁₇H₁₉NO₃ FW 285.34
 Arc. 2627; *Fen.* 678
 ▶ ≥97%, FG
 FEMA 2909 Flavis 14.003 CoE Nr 492
 Halal, Kosher
Organoleptic: pepper; animal
 NI
[W290904-SAMPLE-K](#)
[W290904-25G-K](#) 25 g
[W290904-100G-K](#) 100 g
[W290904-1KG-K](#) 1 kg

■ 1-Piperoylpiperidine, see Piperine Page 112

Piperonal

1,3-Benzodioxole-5-carboxaldehyde; Heliotropin;
 3,4-(Methylenedioxy)benzaldehyde
[120-57-0] C₈H₆O₃ FW 150.13
 Arc. 1484; *Fen.* 680
 ▶ ≥99%, FCC, FG
 FEMA 2911 Flavis 5.016 CoE Nr 104
Natural occurrence: Tahitian vanilla, camphor wood,
 violet flowers, burley tobacco, dill and sherry.
Organoleptic: almond; anise; balsam; berry; cherry;
 creamy; floral; raspberry; sweet; vanilla; violet;
 woody; herbaceous; wine-like
 Halal, Kosher, NI

[W291102-SAMPLE-K](#)

W291102-1KG-K	1 kg
W291102-10KG-K	10 kg
W291102-25KG-K	25 kg
W291102-50KG-K	50 kg

Piperonyl acetate

[326-61-4] C₁₀H₁₀O₄ FW 194.18
 Arc. 1487; *Fen.* 680
 ▶ ≥99%
 FEMA 2912 Flavis 9.22 CoE Nr 2068
Organoleptic: cherry; strawberry

[W291218-SAMPLE](#)

W291218-100G	100 g
W291218-1KG	1 kg
W291218-5KG	5 kg

Piperonyl isobutyrate

Isobutyric acid 3,4-methylenedioxybenzyl ester
[5461-08-5] C₁₂H₁₄O₄ FW 222.24
 Arc. 1490; *Fen.* 681

▶ ≥98%

FEMA 2913 Flavis 9.430 CoE Nr 305
Organoleptic: berry; jam
 Kosher

[W291307-SAMPLE-K](#)

W291307-25G-K	25 g
W291307-100G-K	100 g
W291307-1KG-K	1 kg

■ 1-Piperoylpiperidine, see Piperine Page 112
 Polyethylene glycol sorbitan monostearate, see Polysorbate 60 Page 112
 Polyoxyethylenesorbitan monooleate, see Polysorbate 80 Page 112
 Polyoxyethylene sorbitan monostearate, see Polysorbate 60 Page 112

Polysorbate 20

[9005-64-5]

FEMA 2915

[W291501-SAMPLE](#)

W291501-1KG	1 kg
W291501-10KG	10 kg
W291501-25KG	25 kg

Polysorbate 60

TWEEN® 60; Polyoxyethylene sorbitan mono-stearate; Polyethylene glycol sorbitan monostearate [9005-67-8]
Fen. 682

FEMA 2916

[W291609-SAMPLE](#)

W291609-1KG	1 kg
W291609-10KG	10 kg
W291609-25KG	25 kg

Polysorbate 80

Polyoxyethylenesorbitan monooleate; TWEEN® 80 [9005-65-6]
Fen. 682

FEMA 2917

Halal, Kosher

[W291706-SAMPLE-K](#)

W291706-1KG-K	1 kg
W291706-10KG-K	10 kg
W291706-25KG-K	25 kg

■ Ponceau 2 R, see Ponceau Xylidine Page 112

Ponceau Xylidine

Acid Red 26; Ponceau 2 R; Xylidine ponceau; Xylidine ponceau 2R

[3761-53-3] CI 16150 C₁₈H₁₄N₂Na₂O₇S₂ FW 480.42

► analytical standard, for food analysis

≥96.0% (HPLC)

[22308-25MG](#) 25 mg

Potassium acetate

► 98%

FEMA 2920

Arc. 2636

[W292001-SAMPLE](#)

W292001-1KG	1 kg
W292001-5KG	5 kg
W292001-10KG	10 kg

■ Prenal, see 3-Methyl-2-butenal Page 83
 Prenol, see 3-Methyl-2-but-en-1-ol Page 83

Prenyl acetate

3-methyl-2-but-en-1-yl acetate; 3-methyl-2-but-enyl acetate; 3,3-dimethyl allyl acetate; 3-methyl-2-but-en-1-ol acetate; Isopent-2-enyl acetate [1191-16-8] CH₃CO₂CH₂CH=C(CH₃)₂ C₇H₁₂O₂

Arc. 2641

▶ ≥98%

FEMA 4202 Flavis 9.692

Organoleptic: apple; lavender; green
 Kosher, NI

[W420201-SAMPLE-K](#)

W420201-1KG-K	1 kg
W420201-5KG-K	5 kg
W420201-10KG-K	10 kg

L-Proline

(S)-Pyrrolidine-2-carboxylic acid

[147-85-3] C₅H₉NO₂ FW 115.13

Fen. 684

► ≥98.5%, FCC

FEMA 3318 Flavis 17.019 CoE Nr 10378
 Kosher, NI

[W331902-SAMPLE-K](#)

W331902-100G-K	100 g
W331902-1KG-K	1 kg
W331902-5KG-K	5 kg

■ Propanal, see Propionaldehyde Page 113
 1,2-Propanediol, see Propylene glycol Page 114

1,3-Propanedithiol

1,3-Dimercaptopropane; Trimethylene dimercaptan
[109-80-8] HS(CH₂)₃SH C₃H₆S₂ FW 108.23
Fen. 685

► ≥96%

FEMA 3588 Flavis 12.076 CoE Nr 11929

Organoleptic: meaty
Kosher

[W358800-SAMPLE-K](#)

W358800-25G-K	25 g
W358800-100G-K	100 g
W358800-1KG-K	1 kg

☒ 1-Propanethiol, see Propyl mercaptan Page 114

2-Propanethiol

Isopropyl mercaptan
[75-33-2] (CH₃)₂CHSH C₃H₆S FW 76.16

► ≥98%

FEMA 3897 Flavis 12.197

Organoleptic: meaty; sulfurous; alliaceous (onion, garlic)
NI

[W389706-SAMPLE](#)

W389706-1KG	1 kg
W389706-4KG	4 kg
W389706-8KG	8 kg

☒ 1,2,3-Propanetricarboxylic acid, see Tricarballylic acid
Page 125

1,2,3-Propanetriol, see Glycerol Page 56

Propanoic acid, see Propionic acid Page 113

1-Propanol

Propyl alcohol
[71-23-8] FEMA 2928 Flavis 2.002 CH₃CH₂CH₂OH
C₃H₈O FW 60.10
Arc. 2660; Fen. 691

► ≥99%

CoE Nr 50

Natural occurrence: Apple, apricot, banana, beer, gin, honey, pear, sherry, and tea.
Organoleptic: alcohol; apple; musty; fruity; peanut; pear; sweet; earthy

Kosher, NI

[W292818-SAMPLE-K](#)

W292818-1KG-K	1 kg
W292818-4KG-K	4 kg
W292818-8KG-K	8 kg
W292818-20KG-K	20 kg

► natural, ≥98%

CoE Nr 50c

Organoleptic: alcohol; sweet
Kosher

[W292826-SAMPLE-K](#)

W292826-1KG-K	1 kg
W292826-4KG-K	4 kg
W292826-8KG-K	8 kg

☒ 2-Propanol, see Isopropyl alcohol Page 71
4-Propenylanisole, see *trans*-Anethole Page 14

Propenyl guaethol

► ≥99%, FCC

FEMA 2922 Flavis 4.002 CoE Nr 170

Organoleptic: caramel; creamy; medicinal; nutty; sweet; vanilla; spicy

Halal, Kosher
Arc. 2646; Fen. 687

[W292206-SAMPLE-K](#)

W292206-100G-K	100 g
W292206-1KG-K	1 kg
W292206-5KG-K	5 kg

Propionaldehyde

Propanal

[123-38-6] CH₃CH₂CHO C₃H₆O FW 58.08
Arc. 2652; Fen. 688

► ≥97%

FEMA 2923 Flavis 5.002 CoE Nr 90

Natural Occurrence: Apple, banana, blue cheese, cauliflower, cooked pork, grape brandy, potato chips, sake, tea, whiskey and wine.

Organoleptic: almond; apple; banana; cheese; chocolate; grape; musty; ethereal; wine-like; vegetable

Kosher, NI

[W292303-SAMPLE-K](#)

W292303-1KG-K	1 kg
W292303-4KG-K	4 kg
W292303-8KG-K	8 kg
W292303-20KG-K	20 kg

Propionic acid

Propanoic acid; Propanyl acid; Acid C₃

[79-09-4] FEMA 2924 Flavis 8.003 CH₃CH₂COOH
C₃H₆O₂ FW 74.08
Arc. 2654; Fen. 688

► ≥99.5%, FCC, FG

CoE Nr 3

Halal, Kosher, NI

[W292400-SAMPLE-K](#)

W292400-1KG-K	1 kg
W292400-10KG-K	10 kg
W292400-25KG-K	25 kg

► ≥99.5%

CoE Nr 3c

Kosher

[W292443](#)

► natural, 99%, FG

CoE Nr 3c

Halal, Kosher

[W292419-SAMPLE-K](#)

W292419-100G-K	100 g
W292419-1KG-K	1 kg
W292419-5KG-K	5 kg

► feed grade, 98.7%

[W292451](#)

☒ Propionic acid sodium salt, see Sodium propionate
Page 119

N-Propionic acid tetrahydrofurfuryl ester, see (+/-)-Tetrahydrofurfuryl propionate Page 122

Propionylformic acid, see 2-Oxobutyric acid Page 103

Propiophenone

Ethyl phenyl ketone

[93-55-0] C₆H₅COC₂H₅ C₉H₁₀O FW 134.18

Fen. 689

► ≥99%

FEMA 3469 Flavis 7.04 CoE Nr 599

Organoleptic: cherry
NI

[W346918-SAMPLE](#)

W346918-1KG	1 kg
W346918-5KG	5 kg
W346918-10KG	10 kg

☒ Propofol, see 2,6-Diisopropylphenol Page 36

Propyl acetate

[109-60-4] FEMA 2925 Flavis 9.002

CH₃COOCH₂CH₂CH₃ C₅H₁₀O₂ FW 102.13

Arc. 2657; Fen. 690

► ≥98%

CoE Nr 192

Organoleptic: celery

Halal, Kosher, NI

[W292508-SAMPLE-K](#)

W292508-1KG-K	1 kg
W292508-4KG-K	4 kg
W292508-10KG-K	10 kg
W292508-20KG-K	20 kg

► natural, ≥97%, FCC, FG

CoE Nr 192c

Halal, Kosher

[W292516-SAMPLE-K](#)

W292516-100G-K	100 g
W292516-1KG-K	1 kg
W292516-4KG-K	4 kg

☒ Propyl alcohol, see 1-Propanol Page 113

sec-Propyl alcohol, see Isopropyl alcohol Page 71

Propylamine

1-Aminopropane

[107-10-8] CH₃CH₂CH₂NH₂ C₃H₉N FW 59.11

► ≥99%

FEMA 4237 Flavis 11.004

W423701-1KG	1 kg
W423701-8KG	8 kg
W423701-20KG	20 kg

p-Propyl anisole

Dihydroanethole

[104-45-0] CH₃CH₂CH₂C₆H₄OCH₃ C₁₀H₁₄O

FW 150.22

Arc. 924; Fen. 691

► ≥99%, FCC, FG

FEMA 2930 Flavis 4.039 CoE Nr 2026

Organoleptic: anise; herbaceous

Halal, Kosher

[W293008-SAMPLE-K](#)

W293008-1KG-K	1 kg
W293008-5KG-K	5 kg
W293008-10KG-K	10 kg

☒ n-Propyl-n-butanoate, see Propyl butyrate Page 113

Propylbutyrate

Propyl butyrate

n-Propyl-*n*-butanoate

[105-66-8] FEMA 2934 Flavis 9.04
 $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOCH}_2\text{CH}_2\text{CH}_3$ $\text{C}_7\text{H}_{14}\text{O}_2$ FW 130.18
 Arc. 2676; Fen. 692

► ≥98%

CoE Nr 266

Natural Occurrence: Apple, banana, kiwi, melon, papaya, passion fruit, rum and strawberry.

Organoleptic: apple; creamy; honey; wine-like; waxy Kosher, NI

[W293407-SAMPLE-K](#)

[W293407-1KG-K](#) 1 kg

[W293407-4KG-K](#) 4 kg

[W293407-9KG-K](#) 9 kg

► natural, ≥95%

CoE Nr 266c

Kosher

Organoleptic: ethereal

[W293415-SAMPLE-K](#)

[W293415-25G-K](#) 25 g

[W293415-100G-K](#) 100 g

[W293415-1KG-K](#) 1 kg

[W293415-4KG-K](#) 4 kg

☒ (±)-*γ*-Propyl-*γ*-butyrolactone, see *γ*-Heptalactone

Page 57

Propyl caproate, see Propyl hexanoate Page 114

Propyl disulfide

Dipropyl disulfide

[629-19-6] $\text{CH}_3\text{CH}_2\text{CH}_2\text{SSCH}_2\text{CH}_2\text{CH}_3$ $\text{C}_6\text{H}_{14}\text{S}_2$
 FW 150.31

Arc. 2695; Fen. 694

► ≥97%, FG

FEMA 3228 Flavis 12.014 CoE Nr 540

Organoleptic: herbaceous; green; earthy; alliaceous (onion, garlic)

Halal, Kosher, NI

[W322806-SAMPLE-K](#)

[W322806-100G-K](#) 100 g

[W322806-1KG-K](#) 1 kg

[W322806-5KG-K](#) 5 kg

Propylene glycol

Propylene glycol; 1,2-Propanediol

[57-55-6] $\text{CH}_3\text{CH}(\text{OH})\text{CH}_2\text{OH}$ $\text{C}_3\text{H}_8\text{O}_2$ FW 76.09
 Arc. 2696

► ≥99.5%, FCC

FEMA 2940 CoE Nr 4212

Halal, Kosher

Fen. 695

[W294004-SAMPLE-K](#)

[W294004-1KG-K](#) 1 kg

[W294004-10KG-K](#) 10 kg

[W294004-25KG-K](#) 25 kg

Propyl formate

n-Propyl methanoate

[110-74-7] $\text{HCOOCH}_2\text{CH}_2\text{CH}_3$ $\text{C}_4\text{H}_8\text{O}_2$ FW 88.11
 Arc. 2705; Fen. 697

► ≥97%

FEMA 2943 Flavis 9.073 CoE Nr 340

Organoleptic: berry; ethereal; green; sweet Kosher, NI

[W294306-SAMPLE-K](#)

[W294306-1KG-K](#) 1 kg

[W294306-4KG-K](#) 4 kg

[W294306-9KG-K](#) 9 kg

Propyl gallate

3,4,5-Trihydroxybenzoic acid propyl ester; Tenox PG

[121-79-9] 3,4,5-(HO)₃C₆H₄CO₂CH₂CH₂CH₃
 $\text{C}_{10}\text{H}_{12}\text{O}_5$ FW 212.20

Arc. 2710; Fen. 698

► FCC, ≥98%

FEMA 2947

Kosher

[W294705-SAMPLE-K](#)

[W294705-1KG-K](#) 1 kg

[W294705-5KG-K](#) 5 kg

[W294705-10KG-K](#) 10 kg

☒ 4-Propylguaiacol, see 2-Methoxy-4-propylphenol Page 81

Propyl hexanoate

n-Propyl hexanoate; Caproic acid propyl ester;

Propyl caproate

[626-77-7] FEMA 2949 Flavis 9.061 CoE Nr 311
 $\text{CH}_3(\text{CH}_2)_4\text{CO}_2\text{CH}_2\text{CH}_2\text{CH}_3$ $\text{C}_9\text{H}_{16}\text{O}_2$ FW 158.24
 Arc. 2682; Fen. 699

► ≥98%

Organoleptic: cheese; wine-like

NI

[W294918-SAMPLE](#)

[W294918-1KG](#) 1 kg

[W294918-4KG](#) 4 kg

[W294918-9KG](#) 9 kg

► natural, ≥90%

Organoleptic: pineapple

Kosher

[W294926-SAMPLE-K](#)

[W294926-25G-K](#) 25 g

[W294926-100G-K](#) 100 g

[W294926-1KG-K](#) 1 kg

☒ *n*-Propyl hexanoate, see Propyl hexanoate Page 114

Propyl 4-hydroxybenzoate

4-Hydroxybenzoic acid propyl ester; Propyl paraben
[94-13-3] $\text{HOCH}_2\text{CH}_2\text{CH}_2\text{CH}_3$ $\text{C}_{10}\text{H}_{12}\text{O}_3$
FW 180.20

► ≥99%

FEMA 2951

[W295101-SAMPLE](#)

[W295101-1KG](#) 1 kg

[W295101-5KG](#) 5 kg

[W295101-25KG](#) 25 kg

3-Propylidenephthalide

[17369-59-4] $\text{C}_11\text{H}_{10}\text{O}_2$ FW 174.20
Arc. 2720; Fen. 701

► ≥96%

FEMA 2952 Flavis 10.005 CoE Nr 494

Organoleptic: woody; floral; sweet; herbaceous; spicy

Halal, Kosher

[W295205-SAMPLE-K](#)

[W295205-100G-K](#) 100 g

[W295205-1KG-K](#) 1 kg

[W295205-5KG-K](#) 5 kg

[W295205-25KG-K](#) 25 kg

Propyl isobutyrate

n-Propyl-2-methylpropanoate

[644-49-5] $(\text{CH}_3)_2\text{CHCO}_2\text{CH}_2\text{CH}_2\text{CH}_3$ $\text{C}_7\text{H}_{14}\text{O}_2$
FW 130.18

Arc. 2677; Fen. 701

► ≥97%

FEMA 2936 Flavis 9.414 CoE Nr 289

Organoleptic: pineapple

Kosher, NI

[W293601-SAMPLE-K](#)

[W293601-1KG-K](#) 1 kg

[W293601-4KG-K](#) 4 kg

[W293601-9KG-K](#) 9 kg

Propyl mercaptan

1-Propanethiol; Mercaptan C₃; *n*-Propylmercaptan

[107-03-9] $\text{CH}_3\text{CH}_2\text{CH}_2\text{SH}$ $\text{C}_3\text{H}_8\text{S}$ FW 76.16

Arc. 2723; Fen. 702

► ≥98%

FEMA 3521 Flavis 12.071 CoE Nr 11816

Organoleptic: vegetable; sulfurous; alliaceous (onion, garlic)

Halal, Kosher, NI

[W352101-SAMPLE-K](#)

[W352101-1KG-K](#) 1 kg

[W352101-2KG-K](#) 2 kg

☒ *n*-Propylmercaptan, see Propyl mercaptan Page 114

n-Propyl methanoate, see Propyl formate Page 114

2-Propyl-4-methyl-1,3-dioxolane, mixture of isomers[4352-99-2] C₇H₁₄O₂ FW 130.18

► ≥98%

Flavis 6.095

[W510866-SAMPLE](#)[W510866-100G](#)[W510866-1KG](#)[W510866-4KG](#)

■ n-Propyl-2-methylpropanoate, see Propyl isobutyrate
Page 114

Propyl paraben, see Propyl 4-hydroxybenzoate Page 114

o-Propylphenol, see 2-Propylphenol Page 115

p-Propylphenol, see 4-Propylphenol Page 115

2-Propylphenol

o-Propylphenol

[644-35-9] CH₃CH₂CH₂C₆H₄OH C₉H₁₂O FW 136.19

Fen. 703

► ≥97%

FEMA 3522 Flavis 4.046 CoE Nr 11908

[W352209-SAMPLE](#)[W352209-100G](#)[W352209-1KG](#)[W352209-5KG](#)

100 g

1 kg

5 kg

4-Propylphenol

p-Propylphenol

[645-56-7] CH₃CH₂CH₂C₆H₄OH C₉H₁₂O FW 136.19

Fen. 704

► ≥97%

FEMA 3649 Flavis 4.05

Organoleptic: medicinal

Halal, Kosher

[W364908-SAMPLE-K](#)[W364908-25G-K](#)[W364908-100G-K](#)[W364908-1KG-K](#)

25 g

100 g

1 kg

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Propylpropionat

Propyl propionate

[106-36-5] FEMA 2958 Flavis 9.122
 $\text{CH}_3\text{CH}_2\text{COOCH}_2\text{CH}_2\text{CH}_3$ $\text{C}_6\text{H}_{12}\text{O}_2$ FW 116.16
 Arc. 2742; Fen. 706

► ≥98%, FCC

CoE Nr 403

Organoleptic: oily; fruity; wine-like
Kosher, NI**W295809-SAMPLE-K****W295809-1KG-K****W295809-4KG-K****W295809-9KG-K**

1 kg

4 kg

9 kg

► natural (US), ≥98%, FCC

CoE Nr 403c

Kosher

Organoleptic: wine-like**W295817-SAMPLE-K****W295817-100G-K****W295817-1KG-K****W295817-4KG-K**

100 g

1 kg

4 kg

2-PropylpyridineConyrine
 [622-39-9] $\text{C}_8\text{H}_{11}\text{N}$ FW 121.18

► ≥97%

FEMA 4065 Flavis 14.164

Organoleptic: green; minty; floral**W406503****(R)-(+)-Pulegone**

(+)-Pulegone; (*R*)-2-Isopropylidene-5-methylcyclohexanone; (*R*)-*p*-Menth-4(8)-en-3-one; *p*-Menth-4(8)-en-3-one
 [89-82-7] $\text{C}_{10}\text{H}_{16}\text{O}$ FW 152.23
 Arc. 2769; Fen. 707

► ≥85%

FEMA 2963 CoE Nr 2050c

Natural occurrence: Buchu oil, native spearmint, pennyroyal, peppermint, scotch spearmint and thyme.*Organoleptic:* cinnamon; lime; herbaceous; fruity; minty; vanilla; spicy
NI**W296309-SAMPLE****W296309-100G****W296309-1KG****W296309-5KG**

100 g

1 kg

5 kg

□ (+)-Pulegone, see (*R*)-(+)-Pulegone Page 116**Pumpkin seed oil**

NEW

[8016-49-7]

► Certified organic (NOP/EU)

Kosher

China origin

W530274-SAMPLE-K**W530274-5KG-K**

5 kg

Pyrazine

[290-37-9] $\text{C}_4\text{H}_4\text{N}_2$ FW 80.09
 Arc. 2775

► ≥99%

FEMA 4015 Flavis 14.144

Kosher

W401501-SAMPLE-K**W401501-100G-K**

100 g

W401501-1KG-K

1 kg

W401501-5KG-K

5 kg

Pyrazineethanethiol

Mercaptoethylpyrazine

[35250-53-4] $\text{C}_6\text{H}_8\text{N}_2\text{S}$ FW 140.21
 Fen. 707

► ≥97%, FG

FEMA 3230 Flavis 14.031 CoE Nr 2285

Organoleptic: meaty; sulfurous; vegetable

Halal, Kosher

W323004-SAMPLE-K**W323004-25G-K**

25 g

W323004-100G-K

100 g

W323004-1KG-K

1 kg

Pyridine

[110-86-1] $\text{C}_5\text{H}_5\text{N}$ FW 79.10
 Arc. 2776; Fen. 708

► ≥99%

FEMA 2966 Flavis 14.008 CoE Nr 604

Organoleptic: sour; fishy

Halal, Kosher

W296600-SAMPLE-K**W296600-1KG-K**

1 kg

W296600-10KG-K

10 kg

W296600-25KG-K

25 kg

□ Pyrocatechol dimethyl ether, see 1,2-Dimethoxybenzene Page 36
 Pyrocatechol monomethyl ether, see Guaiacol Page 56
 Pyrogallol 1,3-dimethyl ether, see 2,6-Dimethoxyphenol Page 37

Pyroligneous acid

[8030-97-5]
 Arc. 2780; Fen. 710

FEMA 2967

W296708-SAMPLE**W296708-1KG**

1 kg

W296708-5KG

5 kg

W296708-10KG

10 kg

Pyrrole

Azole; Divinylimidine; Imidole

[109-97-7] $\text{C}_4\text{H}_5\text{N}$ FW 67.09
 Arc. 2783; Fen. 710

► ≥98%, FCC

FEMA 3386 Flavis 14.041 CoE Nr 2381

Organoleptic: nutty; ethereal; sweet

NI

W338605-SAMPLE**W338605-100G**

100 g

W338605-1KG

1 kg

W338605-5KG

5 kg

Pyrrolidine

NEW

Tetrahydropyrrrole; Tetramethyleneimine

[123-75-1] $\text{C}_4\text{H}_6\text{N}$ FW 71.12

Arc. 2784; Fen. 711

► ≥99%

FEMA 3523 Flavis 14.064

Organoleptic: animal

NI

W352316-SAMPLE**W352316-1KG**

1 kg

W352316-8KG

8 kg

□ (S)-Pyrrolidine-2-carboxylic acid, see L-Proline Page 112
 Pyruvaldehyde, see Pyruvaldehyde solution Page 116

Pyruvaldehyde solution

Acetylformaldehyde; Methylglyoxal solution; Pyruvic aldehyde

[78-98-8] CH_3COCHO $\text{C}_3\text{H}_4\text{O}_2$ FW 72.06

Arc. 2786; Fen. 711

► 40 wt. % in H₂O

FEMA 2969 Flavis 7.001 CoE Nr 105

Organoleptic: caramel

Halal, NI

W296902-SAMPLE**W296902-100G**

100 g

W296902-500G

500 g

W296902-1KG

1 kg

W296902-10KG

10 kg

Pyruvic acid

2-Oxopropionic acid; α-Ketopropionic acid

[127-17-3] FEMA 2970 Flavis 8.019 CH_3COCOOH
 $\text{C}_3\text{H}_4\text{O}_3$ FW 88.06

Natural Occurrence: Asparagus, beef, sake, Virginia tobacco, wheat bread.

Arc. 2785; Fen. 712

► ≥97%

CoE Nr 19

Organoleptic: caramel; creamy; vegetable; meaty; coffee; wine-like

Kosher, NI

W297003-SAMPLE-K**W297003-250G-K**

250 g

W297003-1KG-K

1 kg

W297003-5KG-K

5 kg

W297003-10KG-K

10 kg

W297003-25KG-K

25 kg

► natural, ≥80%

CoE Nr 19c

Organoleptic: caramel; creamy; vegetable; meaty; coffee

Kosher

W297070-SAMPLE-K**W297070-25G-K**

25 g

W297070-100G-K

100 g

W297070-1KG-K

1 kg

Quinine monohydrochloride dihydrate

► 90%

FEMA 2976 Flavis 14.155 CoE Nr 715

Kosher

Fen. 713

dihydroquinine hydrochloride <10%

[W297607-SAMPLE-K](#)[W297607-100G-K](#)

100 g

[W297607-1KG-K](#)

1 kg

[W297607-5KG-K](#)

5 kg

Quinoline

1-Benzazine; 2,3-Benzopyridine

[91-22-5] C₉H₇N FW 129.16

Arc. 2791; Fen. 714

► ≥97%

FEMA 3470 Flavis 14.063 CoE Nr 11364

NI

[W347000-SAMPLE](#)[W347000-1KG](#)

1 kg

[W347000-5KG](#)

5 kg

[W347000-10KG](#)

10 kg

☒ Rapeseed oil, see Canola oil Page 24

Raspberry ketone, see 4-(4-Hydroxyphenyl)-2-butanone

Page 66

Resorcinol

1,3-Benzenediol

[108-46-3] C₆H₄-1,3-(OH)₂ C₆H₆O₂ FW 110.11

Arc. 2793; Fen. 715

► ≥98%

FEMA 3589 Flavis 4.047 CoE Nr 11250

NI

[W358908-SAMPLE](#)[W358908-1KG](#)

1 kg

[W358908-5KG](#)

5 kg

[W358908-10KG](#)

10 kg

☒ Resorcinol dimethyl ether, see 1,3-Dimethoxybenzene
Page 36

β-Resorcyclic acid, see 2,4-Dihydroxybenzoic acid

Page 36

Resveratrol3,4',5-Trihydroxy-*trans*-stilbene; 5-[(1E)-2-(4-Hydroxyphenyl)ethenyl]-1,3-benzenediol[501-36-0] C₁₄H₁₂O₃ FW 228.24

► analytical standard, for food analysis

[34092-100MG](#)

100 mg

Rhodinol

l-Citronellol

[141-25-3] C₁₀H₂₀O FW 156.27

Arc. 2797; Fen. 716

► mixture of l-citronellol and geraniol, FCC

FEMA 2980 CoE Nr 76

Natural Occurrence: Geranium and citronella oils.

Organoleptic: lemon; musty; oily; fruity; rose; sweet; waxy; wine-like

Halal, Kosher, NI

[W298018-SAMPLE-K](#)[W298018-25G-K](#)

25 g

[W298018-100G-K](#)

100 g

[W298018-1KG-K](#)

1 kg

☒ β-Rhodinol, see (S)-(−)-β-Citronellol Page 29

D-(−)-Ribose[50-69-1] C₅H₁₀O₅ FW 150.13

Fen. 720

► ≥98%

FEMA 3793

NI

[W379301-SAMPLE](#)[W379301-100G](#)

100 g

[W379301-1KG](#)

1 kg

[W379301-5KG](#)

5 kg

Rice bran oil

NEW

[68553-81-1]

► Certified organic (NOP/EU)

Kosher

Mexico origin

[W530241-5KG-K](#)

5 kg

☒ Rose absolute, see Rose absolute, Moroccan Page 117

Rose absolute, Moroccan

Rose absolute

[8007-01-0]

FEMA 2988

from *Rosa damascena*

Kosher

Organoleptic: rose

France origin

[W298816-SAMPLE-K](#)[W298816-25G-K](#)

25 g

[W298816-100G-K](#)

100 g

[W298816-1KG-K](#)

1 kg

Rose crystals

► ≥97%

from synthetic

Kosher

China origin

[W523801-SAMPLE-K](#)[W523801-1KG-K](#)

1 kg

[W523801-10KG-K](#)

10 kg

[W523801-25KG-K](#)

25 kg

Rosemary oil

[8000-25-7] FEMA 2992

from *Rosemarinus officinalis* L.

► Certified organic (NOP/EU)

NEW

Tunisia origin

[W299225-SAMPLE](#)[W299225-1KG](#)

1 kg

► FCC

Organoleptic: camphoraceous

Halal, Kosher

Fen. 245

[W299200-SAMPLE-K](#)[W299200-1KG-K](#)

1 kg

[W299200-4KG-K](#)

4 kg

[W299200-9KG-K](#)

9 kg

Rose oil,Turkishfrom *Rosa* spp.

Organoleptic: oily; rose

France origin

[W523704-SAMPLE](#)[W523704-25G](#)

25 g

[W523704-100G](#)

100 g

[W523704-1KG](#)

1 kg

☒ (+)-Rose oxide, see Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2H-pyran Page 122

Rosewood oil, see Bois de rose Page 20

Rum Ether

Ethyl oxyhydrate

[8030-89-5]

Arc. 1324; Fen. 721

► FG

FEMA 2996

Organoleptic: whiskey; wine-like

Halal, Kosher

[W299618-SAMPLE-K](#)[W299618-1KG-K](#)

1 kg

[W299618-4KG-K](#)

4 kg

[W299618-8KG-K](#)

8 kg

Saccharin hemicalcium salt

2,3-Dihydro-3-oxobenzisosulfonazole; o-Sulfobenzimidole

[6381-91-5] C₁₄H₈CaN₂O₆S₂ · 3.5H₂O FW 467.48

► analytical standard, for food analysis

47840

1000 mg

Saffloweroil

Safflower oil NEW

Safflower seed oil from *Carthamus tinctorius* seed [8001-23-8]

► Certified organic (NOP/EU)

Mexico origin

[W530202-SAMPLE](#)

[W530202-5KG](#) 5 kg

☒ Safflower seed oil from *Carthamus tinctorius* seed, see Safflower oil Page 118

Safranal

2,3-Dihydro-2,2,6-trimethylbenzaldehyde

[116-26-7] C₁₀H₁₄O FW 150.22

Fen. 769

► ≥88%, FG

FEMA 3389 Flavis 5.104 CoE Nr 10383

Organoleptic: herbaceous

Halal, Kosher, NI

B-cyclocitral <12%

[W338907-SAMPLE-K](#)

[W338907-25G-K](#) 25 g

[W338907-100G-K](#) 100 g

[W338907-1KG-K](#) 1 kg

Sage oil

[8022-56-8]

Fen. 250

► Spanish, FCC

FEMA 3003

from *Salvia officinalis* L.

Organoleptic: herbaceous

Halal, Kosher

Spain origin

[W300306-SAMPLE-K](#)

[W300306-1KG-K](#) 1 kg

[W300306-4KG-K](#) 4 kg

[W300306-9KG-K](#) 9 kg

► Certified organic (NOP/EU) NEW

FEMA 3001

from (*Salvia officinalis*)

Kosher

[W300100-SAMPLE-K](#)

[W300100-1KG-K](#) 1 kg

☒ SAIB, see Sucrose acetate isobutyrate Page 120
Sucrose acetate isobutyrate Page 120
SAIB-SG-ET-10, see Sucrose acetate isobutyrate solution Page 120

Salicylaldehyde

2-Hydroxybenzaldehyde

[90-02-8] 2-(HO)C₆H₄CHO C₇H₆O₂ FW 122.12
Arc. 2815; Fen. 723

► ≥98%

FEMA 3004 Flavis 5.055 CoE Nr 605

Organoleptic: almond; spicy

Halal, Kosher, NI

[W300403-SAMPLE-K](#)

[W300403-1KG-K](#) 1 kg

[W300403-10KG-K](#) 10 kg

[W300403-25KG-K](#) 25 kg

☒ Salicylaldehyde methyl ether, see o-Anisaldehyde

Page 14

Salicylic acid

2-Hydroxybenzoic acid

[69-72-7] 2-(HO)C₆H₄CO₂H C₇H₆O₃ FW 138.12

► ≥99%

FEMA 3985 Flavis 8.112

Kosher

[W398500-SAMPLE-K](#)

[W398500-1KG-K](#) 1 kg

[W398500-10KG-K](#) 10 kg

[W398500-25KG-K](#) 25 kg

☒ Salol, see Phenyl salicylate Page 111

Sandalwood oil

[8006-87-9]

► Indonesia origin

FEMA 3005

from *Santalum album* L.

Kosher

[W300500-SAMPLE-K](#)

[W300500-25G-K](#) 25 g

[W300500-100G-K](#) 100 g

[W300500-1KG-K](#) 1 kg

Sassafras oil

[8006-80-2]

from *Sassafras albidum* (Nutt) Nees

Kosher

Vietnam origin

[W510483-SAMPLE-K](#)

[W510483-1KG-K](#) 1 kg

[W510483-5KG-K](#) 5 kg

[W510483-10KG-K](#) 10 kg

☒ Scarlet B, see Sudan III Page 120

Scarlet Red Scharlach, see Sudan IV Page 120

Schardinger β-Dextrin, see β-Cyclodextrin Page 31

(3aR)-(+)-Sclareolide

[564-20-5] C₁₆H₂₆O₂ FW 250.38

► 97%

FEMA 3794 Flavis 16.055

[W379401-25G](#)

25 g

[W379401-100G](#)

100 g

[W379401-1KG](#)

1 kg

☒ Sebacic acid diethyl ester, see Diethyl sebacate Page 35

Sesame oil NEW

Sesame oil from *Sesamum indicum*

[8008-74-0]

► Certified organic (NOP/EU)

Kosher

Mexico origin

[W530253-SAMPLE-K](#)

[W530253-5KG-K](#)

5 kg

☒ Sesame oil from *Sesamum indicum*, see Sesame oil

Page 118

Silvan, see 2-Methylfuran Page 86

Skatole NEW

3-Methylindole

[83-34-1] C₉H₉N FW 131.17

Arc. 2846; Fen. 726

► ≥98%

FEMA 3019

Organoleptic: jasmine; animal

[W301912-SAMPLE](#)

[W301912-100G](#)

100 g

[W301912-500G](#)

500 g

[W301912-1KG](#)

1 kg

[W301912-5KG](#)

5 kg

Sodium Acetate Anhydrous

► >99%, FCC

FEMA 3024

Kosher

Fen. 727

[W302406-SAMPLE-K](#)

[W302406-1KG-K](#)

1 kg

[W302406-10KG-K](#)

10 kg

[W302406-25KG-K](#)

25 kg

Sodium alginate

Alginic acid sodium salt from brown algae; Algin [9005-38-3]

A straight-chain, hydrophilic, colloidal, polyuronic acid composed of glucuronic and mannuronic acid residues.

FEMA 2015

[W201502-SAMPLE](#)

[W201502-1KG](#)

1 kg

[W201502-5KG](#)

5 kg



Sodium benzoate

Benzoic acid sodium salt [532-32-1] C ₆ H ₅ COONa C ₇ H ₅ NaO ₂ FW 144.10 Arc. 2849
► ≥99%, FCC FEMA 3025 Halal, Kosher, NI Fen. 727
W302503-SAMPLE-K
W302503-1KG-K 1 kg
W302503-10KG-K 10 kg
W302503-25KG-K 25 kg

Sodium citrate dihydrate

Sodium citrate tribasic dihydrate; Trisodium citrate dihydrate; Citric acid trisodium salt dihydrate [6132-04-3] HOOC(COONa)(CH ₂ COONa) ₂ · 2H ₂ O C ₈ H ₅ Na ₃ O ₇ · 2H ₂ O FW 294.10 Arc. 2852
► ≥99%, FG FEMA 3026 Halal, Kosher Fen. 723
W302600-SAMPLE-K
W302600-1KG-K 1 kg
W302600-10KG-K 10 kg
W302600-25KG-K 25 kg

☒ Sodium citrate tribasic dihydrate, see Sodium citrate dihydrate Page 119

Sodium diacetate

Sodium hydrogen diacetate [126-96-5] C ₄ H ₇ NaO ₄ FW 142.09 FEMA 3900 Flavis 16.073
W390003-SAMPLE
W390003-1KG 1 kg
W390003-10KG 10 kg
W390003-25KG 25 kg

☒ Sodium hydrogen diacetate, see Sodium diacetate Page 119
Sodium hydrogenphosphate, see Sodium phosphate dibasic Page 119
Sodium mercaptopyruvate, see Mercaptopyruvic acid sodium salt Page 79
Sodium 3-methyl-2-oxobutyrate, see 3-Methyl-2-oxobutanoic acid sodium salt Page 90
Sodium 4-methyl-2-oxovalerate, see 4-Methyl-2-oxopentanoic acid sodium salt Page 90

Sodium phosphate dibasic

Disodium hydrogen phosphate; sec-Sodium phosphate; Disodium phosphate; Sodium hydrogenphosphate [7558-79-4] Na ₂ HPO ₄ HNa ₂ O ₄ P FW 141.96
► ≥99% FEMA 2399
W239901-SAMPLE
W239901-1KG 1 kg
W239901-5KG 5 kg

☒ sec-Sodium phosphate, see Sodium phosphate dibasic Page 119

Sodium propionate

Propionic acid sodium salt [137-40-6] CH ₃ CH ₂ COONa C ₃ H ₅ NaO ₂ FW 96.06
► FCC Kosher
W518905-SAMPLE-K
W518905-1KG-K 1 kg
W518905-10KG-K 10 kg
W518905-25KG-K 25 kg

☒ Sodium succinate dibasic, see Disodium succinate Page 40
Solvent Orange 7, see Sudan II Page 120
Solvent Red 24, see Sudan IV Page 120
Solvent Red 23, see Sudan III Page 120
Solvent Yellow 14, see Sudan I Page 120
Sorbaldehyde, see *trans,trans*-2,4-Hexadienal Page 59
Sorbic acid, see 2,4-Hexadienoic acid Page 59
Sorbic alcohol, see *trans,trans*-2,4-Hexadien-1-ol Page 59

Sorbitan monostearate

[1338-41-6] C ₂₄ H ₄₆ O ₆ FW 430.62 Arc. 2859
► FCC FEMA 3028 Fen. 729

W302805-SAMPLE
W302805-1KG 1 kg
W302805-5KG 5 kg
W302805-10KG 10 kg

D-Sorbitol

D-Glucitol [50-70-4] C ₆ H ₁₄ O ₆ FW 182.17 Arc. 2860
► ≥98%, FCC FEMA 3029 CoE Nr 81c Kosher NI Fen. 730
W302902-SAMPLE-K
W302902-1KG-K 1 kg
W302902-10KG-K 10 kg
W302902-25KG-K 25 kg

☒ Sorbyl acetate, see *trans,trans*-2,4-Hexadienyl acetate Page 59
trans,trans-2,4-Hexadienyl acetate Page 59
Sotolon, see 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one Page 38
4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution Page 38
Soya oil from *Glycine max*, see Soybean oil Page 119

Soybean oil

Soya oil from <i>Glycine max</i> [8001-22-7]
► Certified organic (NOP/EU) Kosher USA origin
W530261-SAMPLE-K
☒ Soybean oil, epoxidized, see Epoxidized soya bean oil Page 42

Spearmint oil

[8008-79-5] FEMA 3032 Fen. 263
► FCC, FG from <i>Mentha spicata</i> Huds <i>Organoleptic</i> : minty; green Halal, Kosher USA origin
W303208-SAMPLE-K
W303208-1KG-K 1 kg
W303208-4KG-K 4 kg
W303208-9KG-K 9 kg

terpeneless

<i>Organoleptic</i> : minty; camphoraceous; green Kosher USA origin
W303216-SAMPLE-K
W303216-1KG-K 1 kg
W303216-4KG-K 4 kg
W303216-9KG-K 9 kg

from synthetic

Kosher <i>Organoleptic</i> : camphoraceous; minty; green
W303224-SAMPLE-K
W303224-1KG-K 1 kg
W303224-4KG-K 4 kg
W303224-9KG-K 9 kg

Certified organic (NOP/EU)

from <i>Mentha spicata</i> L. Kosher India origin
W303237-SAMPLE-K
W303237-1KG-K 1 kg
☒ SPF, see Butyl 4-hydroxybenzoate Page 22

Spike lavender oil

Lavender spike oil [8016-78-2]
FEMA 3033
from <i>Lavandula</i> spp.
Kosher
<i>Organoleptic</i> : floral; vanilla Spain origin

W303305-SAMPLE-K

W303305-1KG-K 1 kg
W303305-4KG-K 4 kg
W303305-9KG-K 9 kg

Stearic acid

Octadecanoic acid [57-11-4] CH ₃ (CH ₂) ₁₆ COOH C ₁₈ H ₃₆ O ₂ FW 284.48 Arc. 2863
► ≥95%, FCC FEMA 3035 Flavis 8.015 CoE Nr 15 Kosher NI Fen. 730
W303518-SAMPLE-K
W303518-1KG-K 1 kg
W303518-8KG-K 8 kg
W303518-20KG-K 20 kg

Stearicacidethy

Stearic acid ethyl ester, see Ethyl stearate Page 50
 Stearic acid methyl ester, see Methyl stearate Page 93
 Strawberry acetate, see 4-Acetoxy-2,5-dimethyl-3(2H)-furanone Page 8
 4-Acetoxy-2,5-dimethyl-3(2H)-furanone Page 9
 Strawberry furanone, see 4-Hydroxy-2,5-dimethyl-3(2H)-furanone Page 65
 Styrrallyl acetate, see α -Methylbenzyl acetate Page 82
 Styrrallyl alcohol, see α -Methylbenzyl alcohol Page 82
 Styrrallyl butyrate, see α -Methylbenzyl butyrate Page 82

Styrax

Gum storax
 [8046-19-3]
 FEMA 3037
 from *Liquidambar* spp.
 Kosher
Organoleptic: balsam; berry; nutty; spicy; fishy
 Honduras origin
W303704-SAMPLE-K
W303704-1KG-K 1 kg
W303704-5KG-K 5 kg
W303704-10KG-K 10 kg

Styrene

Phenylethylene; Vinylbenzene
 [100-42-5] C₆H₅CH=CH₂ C₈H₈ FW 104.15
 Arc. 2865; *Fen.* 731
 ≥99%
 FEMA 3233 Flavis 1.015 CoE Nr 11022
Organoleptic: medicinal; plastic
 NI
 contains 10-15 ppm 4-*tert*-butylcatechol as inhibitor
 not available in USA
W323306
 Styrene alcohol, see α -Methylbenzyl alcohol Page 82

Styrene oxide

1,2-Epoxyethylbenzene; Phenylloxirane; Phenyl-ethylene oxide
 [96-09-3] C₈H₈O FW 120.15
 ≥97%
W513504-SAMPLE
W513504-1KG 1 kg
W513504-5KG 5 kg
W513504-10KG 10 kg

Succinic acid

Butanedioic acid
 [110-15-6] Flavis 8.024 HOOCCH₂CH₂COOH
 C₄H₆O₄ FW 118.09
 Arc. 2867
 ≥99%, FCC, FG
 CoE Nr 24
 Halal, Kosher, NI
W502707-SAMPLE-K
W502707-1KG-K 1 kg
W502707-2KG-K 2 kg
W502707-10KG-K 10 kg
W502707-25KG-K 25 kg

▶ natural, ≥99%

Organoleptic: sour
 Kosher

W502715-SAMPLE-K

W502715-100G 100 g

W502715-100G-K 100 g

W502715-1KG 1 kg

W502715-1KG-K 1 kg

Succinic acid disodium salt, see Disodium succinate
 Page 40
 Succinic acid dimethyl ester, see Dimethyl succinate
 Page 40

Sucrose acetate isobutyrate

SAIB
 [27216-37-1] C₄₀H₆₂O₁₉ FW 846.91

▶ FG

Kosher

W518107-SAMPLE-K

W518107-1KG-K 1 kg

Sucrose acetate isobutyrate solution

[126-13-6] C₄₀H₆₂O₁₉ FW 846.91

▶ 90 wt. % in ethanol, FG

W518018

Sucrose octaacetate

D-(+)-Sucrose octaacetate

[126-14-7] C₂₈H₃₈O₁₉ FW 678.59

Arc. 2868; *Fen.* 732

▶ ≥97%

FEMA 3038 Flavis 16.081 CoE Nr 4219

Halal, Kosher

W303801-SAMPLE-K

W303801-1KG-K 1 kg

W303801-10KG-K 10 kg

W303801-25KG-K 25 kg

D-(+)-Sucrose octaacetate, see Sucrose octaacetate
 Page 120
 Sudan G, see Sudan III Page 120

Sudan I

1-Phenylazo-2-naphthol; Solvent Yellow 14

[842-07-9] C₆H₅N=NC₁₀H₆OH C₁₆H₁₂N₂O FW 248.28

▶ analytical standard, for food analysis

≥96.0% (HPLC)

51388-25MG 25 mg

Sudan II

1-(2,4-Xylylazo)-2-naphthol; Solvent Orange 7

[3118-97-6] C₁₈H₁₆N₂O FW 276.33

▶ analytical standard, for food analysis

≥96.0% (HPLC)

07937-25MG 25 mg

Sudan III

NEW

Cerasin Red; Fat Ponceau G; Scarlet B; Fat Soluble Sudan; Sudan G; Tony Red; Solvent Red 23; 1-[4-(Phenylazo)phenylazo]-2-naphthol; Sudan Red BK [85-86-9] Cl 26100 C₂₂H₁₆N₄O FW 352.39

▶ analytical standard, for food analysis

≥96.0% (HPLC)

68562-25MG 25 mg

Sudan IV

NEW

Scarlet Red Scharlach; Sudan R or BB; Oil Red IV; Fat Ponceau R or 4; Solvent Red 24; Lipid Crimson; Biebrich scarlet R fat soluble [85-83-6] Cl 26105 C₂₄H₂₀N₄O FW 380.44

▶ analytical standard, for food analysis

≥96.0% (HPLC)

67386-25MG 25 mg

Sudan R or BB, see Sudan IV Page 120

Sudan red G

NEW

1-(2-Methoxyphenylazo)-2-naphthol; Oil Red 113 [1229-55-6] Cl 12150 C₁₇H₁₄N₂O₂ FW 278.31

▶ analytical standard, for food analysis

≥96.0% (HPLC)

91282-25MG 25 mg

Sudan Red BK, see Sudan III Page 120

Sugar lactone, see 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one Page 38
 4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution Page 38
 o-Sulfobenzimidazole, see Saccharin hemicalcium salt Page 117
 Sulfur, see 4-Methyl-5-thiazoleethanol Page 94
 Sulfurol acetate, see 4-Methyl-5-thiazoleethanol acetate Page 94

Sunflower oil

NEW

Sunflower seed oil from *Helianthus annuus* [8001-21-6]

▶ Certified organic (NOP/EU)

Kosher

China origin

W530285-SAMPLE-K

W530285-5KG-K 5 kg

Sunflower seed oil from *Helianthus annuus*, see Sunflower oil Page 120

Syringaldehyde

4-Hydroxy-3,5-dimethoxybenzaldehyde; 3,5-Dimethoxy-4-hydroxybenzaldehyde

[134-96-3] HOC₆H₂(OCH₃)₂CHO C₉H₁₀O₄ FW 182.17

▶ ≥98%

FEMA 4049 Flavis 5.153 CoE Nr 130

Natural occurrence: Pineapple, beer, grape brandy, rum, many different whiskey products, sherry, roasted barley and hardwood smoke.

Organoleptic: chocolate; grape; woody; wine-like; smoky

W404926-SAMPLE

W404926-100G 100 g

W404926-1KG 1 kg

W404926-5KG 5 kg

Tagete oil

[8016-84-0]

► **natural**

FEMA 3040

from *Tagetes glandulifera*

Kosher

Organoleptic: herbaceous

Fragrance: Provides fruity, herbaceous, and tobacco like notes

[W304000-SAMPLE-K](#)[W304000-100G-K](#)

NEW

100 g

[W304000-500G-K](#)

500 g

Tannic acid

Tannin; Gallotannin

[1401-55-4] $C_{76}H_{52}O_{46}$ FW 1701.20

FEMA 3042 CoE Nr 74c

Organoleptic: medicinal; woody

Arc. 2871; Fen. 733

[W304204-SAMPLE](#)[W304204-1KG](#)

1 kg

[W304204-10KG](#)

10 kg

[W304204-25KG](#)

25 kg

☒ Tannin, see Tannic acid Page 121

Tarragon oil

Estragon oil

[8016-88-4]

► **FCC**

FEMA 2412

from *Artemisia dracunculus L.*

Kosher

France origin

[W241202-SAMPLE-K](#)[W241202-1KG-K](#)

1 kg

[W241202-4KG-K](#)

4 kg

[W241202-9KG-K](#)

9 kg

DL-Tartaric acid

DL-2,3-Dihydroxybutanedioic acid

[133-37-9] $HOOC(CHOH)_2COOH$ $C_4H_6O_6$

FW 150.09

► **≥99%**

FEMA 3044 Flavis 8.018

[W304401-1KG](#)[W304401-SAMPLE](#)**L-(+)-Tartaric acid**

(2R,3R)-(+)-Tartaric acid; L-Threanic acid

[87-69-4] $HO_2CCH(OH)CH(OH)CO_2H$ $C_4H_6O_6$

FW 150.09

Arc. 2872; Fen. 733

► **≥99.7%, FCC, FG**

FEMA 3044 CoE Nr 18

Halal, NI

[W304409-SAMPLE](#)[W304409-1KG](#)

1 kg

[W304409-5KG](#)

5 kg

[W304409-10KG](#)

10 kg

☒ (2R,3R)-(+)-Tartaric acid, see L-(+)-Tartaric acid Page 121

L-(+)-Tartaric acid diethyl ester, see Diethyl L-tartrate

Page 35

TAT, see Tricosanoic acid tryptamide Page 125

Taurine

2-Aminoethanesulfonic acid

[107-35-7] $NH_2CH_2CH_2SO_3H$ $C_2H_7NO_3S$
FW 125.15► **≥98%**

FEMA 3813 Flavis 16.056

Kosher

[W381306-SAMPLE-K](#)[W381306-1KG-K](#)

1 kg

[W381306-5KG-K](#)

5 kg

[W381306-10KG-K](#)

10 kg

Tea tree oil

Melaleuca alternifolia

[68647-73-4] FEMA 3902

Kosher

Australia origin

[W390208-SAMPLE-K](#)[W390208-1KG-K](#)

1 kg

[W390208-4KG-K](#)

4 kg

[W390208-9KG-K](#)

9 kg

► **Certified organic (NOP/EU)**[W390215-SAMPLE-K](#)[W390215-1KG-K](#)

1 kg

☒ Tenox PG, see Propyl gallate Page 114

α-Terpinene*p*-Mentha-1,3-diene; 1-Isopropyl-4-methyl-1,3-cyclohexadiene[99-86-5] $C_{10}H_{16}$ FW 136.23

Arc. 2873; Fen. 734

► **≥89%, FCC, FG**

FEMA 3558 Flavis 1.019 CoE Nr 11023

Natural occurrence: Celery, coriander, fennel, grapefruit, lemon, lime, orange and mandarin oils, nutmeg, oregano, black pepper and Scotch spearmint.

Halal, Kosher, NI

Organoleptic: berry; lemon; sweet; vegetable; woody; camphoraceous; medicinal; pepper[W355801-SAMPLE-K](#)[W355801-1KG-K](#)

1 kg

[W355801-4KG-K](#)

4 kg

[W355801-8KG-K](#)

8 kg

γ-Terpinene1-Isopropyl-4-methyl-1,4-cyclohexadiene; *p*-Mentha-1,4-diene[99-85-4] $C_{10}H_{16}$ FW 136.23

Arc. 2874; Fen. 734

► **≥95%, FCC**

FEMA 3559 Flavis 1.02 CoE Nr 11025

Organoleptic: herbaceous; citrus
Halal, Kosher, NI[W355909-SAMPLE-K](#)[W355909-1KG-K](#)

1 kg

[W355909-8KG-K](#)

8 kg

[W355909-20KG-K](#)

20 kg

☒ 4-Terpinenol, see 4-Carvomenthol Page 25
4-Carvomenthol Page 25**α-Terpineol**(S)-2-(4-Methyl-3-cyclohexenyl)-2-propanol; (S)-*p*-Menth-1-en-8-ol[10482-56-1] FEMA 3045 $C_{10}H_{18}O$ FW 154.25*Organoleptic:* lilac

Arc. 2877; Fen. 735

► **≥96%, FCC, FG**

CoE Nr 62

Halal, Kosher, NI

[W304506-SAMPLE-K](#)[W304506-1KG-K](#)

1 kg

[W304506-10KG-K](#)

10 kg

[W304506-25KG-K](#)

25 kg

► **natural**

CoE Nr 62c

Kosher

Fen. 735

[W304522-SAMPLE-K](#)[W304522-1KG-K](#)

1 kg

[W304522-5KG-K](#)

5 kg

[W304522-10KG-K](#)

10 kg

Terpinolene4-Isopropylidene-1-methylcyclohexene; *p*-Menth-1,4(8)-diene; *p*-Meth-1-en-8-yl-formate[586-62-9] $C_{10}H_{16}$ FW 136.23

Arc. 2882; Fen. 736

► **≥90%**

FEMA 3046 Flavis 1.005 CoE Nr 2115

Organoleptic: plastic

Halal, Kosher, NI

[W304603-SAMPLE-K](#)[W304603-1KG-K](#)

1 kg

[W304603-4KG-K](#)

4 kg

[W304603-9KG-K](#)

9 kg

Terpinyl acetate

(±)-2-(4-Methyl-3-cyclohexenyl)isopropyl acetate;

(±)-*α*-Terpinyl acetate[80-26-2] $C_{12}H_{20}O_2$ FW 196.29

Arc. 2883; Fen. 737

► **≥95%**

FEMA 3047 Flavis 9.015 CoE Nr 205

Organoleptic: herbaceous; spicy; citrus

Kosher

NI

[W304700-SAMPLE-K](#)[W304700-1KG-K](#)

1 kg

[W304700-5KG-K](#)

5 kg

[W304700-10KG-K](#)

10 kg

☒ (±)-*α*-Terpinyl acetate, see Terpinyl acetate Page 121**Terpinyl butyrate, mixture of isomers**[2153-28-8] $C_{14}H_{24}O_2$ FW 224.34

Fen. 738

► **≥95%**

FEMA 3049 Flavis 9.052 CoE Nr 278

Organoleptic: apple[W304905-SAMPLE](#)[W304905-100G](#)

100 g

[W304905-1KG](#)

1 kg

[W304905-5KG](#)

5 kg

Terpinylformate

Terpinyl formate, mixture of isomers

p-menth-1-en-8-yl-formate

[2153-26-6] C₁₁H₁₈O₂ FW 182.26
Arc. 2889; Fen. 739

► ≥97%

FEMA 3052 Flavis 9.081 CoE Nr 348

Organoleptic: citrus; floral; sweet
Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

[W305200-SAMPLE-K](#)

[W305200-100G-K](#) 100 g

[W305200-1KG-K](#) 1 kg

[W305200-5KG-K](#) 5 kg

Terpinyl isobutyrate, mixture of isomers

p-menth-1-en-8-yl-isobutyrate

[7774-65-4] C₁₄H₂₄O₂ FW 224.34

► ≥85%

FEMA 3050 Flavis 9.425 CoE Nr 300

Organoleptic: fatty; spicy; pepper
Arc. 2887; Fen. 739

[W305006-SAMPLE](#)

[W305006-100G](#) 100 g

[W305006-1KG](#) 1 kg

[W305006-5KG](#) 5 kg

Terpinyl propionate

p-Menth-1-en-8-yl-propionate

[80-27-3] C₁₃H₂₂O₂ FW 210.31

► ≥95%, FCC, FG

FEMA 3053 Flavis 9.142 CoE Nr 423

Organoleptic: coconut; herbaceous
Halal, Kosher
Arc. 2891; Fen. 740

[W305308-SAMPLE-K](#)

[W305308-100G-K](#) 100 g

[W305308-1KG-K](#) 1 kg

[W305308-5KG-K](#) 5 kg

Tetracosanoic acid tryptamide

LAT; N-[2-(3-Indolyl)ethyl]tetracosanamide; N-Tetracosanoyltryptamine; N-Lignoceroyltryptamine

[152766-94-4] C₃₄H₅₈N₂O FW 510.84

► analytical standard, for food analysis

≥99.0% (HPLC)

[07347-100MG-F](#) 100 mg

▣ N-Tetracosanoyltryptamine, see Tetracosanoic acid tryptamide Page 122

δ-Tetradecalactone

[2721-22-4] C₁₄H₂₆O₂ FW 226.36

Fen. 741

► ≥98%, FG

FEMA 3590 Flavis 10.016 CoE Nr 2196

Organoleptic: creamy; waxy
Halal, Kosher, NI

[W359009-SAMPLE-K](#)

[W359009-100G-K](#) 100 g

[W359009-1KG-K](#) 1 kg

[W359009-5KG-K](#) 5 kg

▣ Tetradecanoic acid, see Myristic acid Page 96

2-Tetradecylcyclobutanone NEW

[35493-47-1] C₁₈H₃₄O FW 266.46

► analytical standard, for food analysis

≥97.0% (GC)

[87206-5MG](#) 5 mg

▣ Tetrahydro-o-cresol, see 2-Methylcyclohexanone Page 85
Tetrahydro-m-cresol, see 3-Methylcyclohexanone
Page 85

Tetrahydro-p-cresol, see 4-Methylcyclohexanone Page 85

4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran

Menthofuran

[494-90-6] C₁₀H₁₄O FW 150.22

Arc. 1838; Fen. 741

► ≥95%

FEMA 3235 Flavis 13.035 CoE Nr 2265

Organoleptic: musty; minty; earthy
Halal, NI

[W323500-SAMPLE](#)

[W323500-25G](#) 25 g

[W323500-100G](#) 100 g

[W323500-1KG](#) 1 kg

▣ Tetrahydro-2-furanmethanol, see Tetrahydrofurfuryl alcohol
Page 122

Tetrahydrofurfuryl acetate

Tetrahydro-2-furylmethyl acetate

[637-64-9] C₇H₁₂O₃ FW 144.17

Arc. 2899; Fen. 743

► ≥97%

FEMA 3055 Flavis 13.166 CoE Nr 2069

Organoleptic: honey; maple
Kosher

[W305502-SAMPLE-K](#)

[W305502-100G-K](#) 100 g

[W305502-1KG-K](#) 1 kg

[W305502-5KG-K](#) 5 kg

Tetrahydrofurfuryl alcohol

Tetrahydro-2-furanmethanol

[97-99-4] C₅H₁₀O₂ FW 102.13

Arc. 2900; Fen. 743

► ≥98%

FEMA 3056 Flavis 13.02 CoE Nr 2029

Organoleptic: vegetable
Kosher, NI

[W305618-SAMPLE-K](#)

[W305618-1KG-K](#) 1 kg

[W305618-10KG-K](#) 10 kg

[W305618-25KG-K](#) 25 kg

Tetrahydrofurfuryl butyrate

[2217-33-6] C₉H₁₆O₃ FW 172.22

Arc. 2901; Fen. 744

► ≥97%

FEMA 3057 Flavis 13.048 CoE Nr 2081

Organoleptic: cheese; pineapple
Kosher

[W305707-SAMPLE-K](#)

[W305707-100G-K](#) 100 g

[W305707-1KG-K](#) 1 kg

[W305707-5KG-K](#) 5 kg

(+-)-Tetrahydrofurfuryl propionate

DL-Tetrahydrofurfuryl propionate; N-Propionic acid tetrahydrofurfuryl ester

[637-65-0] C₈H₁₄O₃ FW 158.19

Arc. 2905; Fen. 746

► ≥96%

FEMA 3058 Flavis 13.049

Kosher

[W305805-SAMPLE-K](#)

[W305805-100G-K](#) 100 g

[W305805-1KG-K](#) 1 kg

[W305805-5KG-K](#) 5 kg

▣ DL-Tetrahydrofurfuryl propionate, see (+/-)-Tetrahydrofurfuryl propionate Page 122
Tetrahydro-2-furylmethyl acetate, see Tetrahydrofurfuryl acetate Page 122

Tetrahydrolinalool

► ≥97%, FCC

FEMA 3060 Flavis 2.028 CoE Nr 77

Arc. 2913; Fen. 746

[W306002-SAMPLE](#)

[W306002-1KG](#) 1 kg

[W306002-4KG](#) 4 kg

[W306002-8KG](#) 8 kg

Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2H-pyran

(+)-Rose oxide; (4S)-2-(2-Methyl-1-propenyl)-4-methyltetrahydropyran

[16409-43-1] C₁₀H₁₈O FW 154.25

► mixture of *cis* and *trans*, ≥98%

FEMA 3236 Flavis 13.037 CoE Nr 2269

Organoleptic: geranium; honey; raspberry; green; earthy
Kosher, NI

contains 0.10% alpha-tocopherol, synthetic as antioxidant

Fen. 745

[W323608-SAMPLE-K](#)

[W323608-100G-K](#) 100 g

[W323608-1KG-K](#) 1 kg

[W323608-4KG-K](#) 4 kg

Tetrahydromyrcenol

[18479-57-7] C₉H₁₆CH(CH₃)(CH₂)₃C(CH₃)₂OH
C₁₀H₂₂O FW 158.28

Arc. 2920

► 95%

[W516503-SAMPLE](#)

[W516503-1KG](#) 1 kg

Tetrahydropyrrrole, see Pyrrolidine Page 116

1,2,3,4-Tetrahydroquinoline

THQ

[635-46-1] C₉H₁₁N FW 133.19

► ≥98%

W516007-SAMPLE

W516007-1KG

1 kg

W516007-5KG

5 kg

W516007-10KG

10 kg

Tetrahydroquinoline, see 5,6,7,8-Tetrahydroquinoline
Page 123

5,6,7,8-Tetrahydroquinoxaline

Cyclohexapyrazine; Tetrahydroquinoxaline

[34413-35-9] C₆H₁₀N₂ FW 134.18

Fen. 747

► ≥97%, FG

FEMA 3321 Flavis 14.015 CoE Nr 721

Organoleptic: cheese

Halal, Kosher, NI

W332100-SAMPLE-K

W332100-25G-K

25 g

W332100-100G-K

100 g

W332100-1KG-K

1 kg

W332100-5KG-K

5 kg

Tetrahydrothiophen-3-one, see 4,5-Dihydro-3(2H)-thiophene Page 36

Tetramethylene dimercaptan, see 1,4-Butanedithiol

Page 20

Tetramethyleneimine, see Pyrrolidine Page 116

3,7,11,15-Tetramethyl-1-hexadecen-3-ol, see Isophytol

Page 71

3,7,11,15-Tetramethyl-2-hexadecen-1-ol, see Phytol

Page 111

2,6,10,10-Tetramethyl-1-oxaspiro[4.5]dec-6-ene, see

Theaspirane Page 123

1,5,5,9-Tetramethyl-13-oxatricyclo[8.3.0.0^{4,9}]tridecane, see

(-)-Ambroxide Page 12

2,3,5,6-Tetramethylpyrazine

[1124-11-4] FEMA 3237 Flavis 14.018 C₈H₁₂N₂
FW 136.19

Fen. 749

► ≥98%, FG

CoE Nr 734

Organoleptic: chocolate; musty; coffee

Halal, Kosher, NI

W323705-SAMPLE-K

W323705-25G-K

250 g

W323705-1KG-K

1 kg

W323705-5KG-K

5 kg

► natural, ≥98%, FG

Organoleptic: chocolate; musty; fatty; coffee

Halal, Kosher

water ≤2.0% (Karl Fischer)

W323713-SAMPLE-K

W323713-25G-K

25 g

W323713-100G-K

100 g

W323713-1KG-K

1 kg

(1S,2R,5S,7R,8R)-2,6,6,8-Tetramethyltricyclo[5.3.1.0^{1,5}]undecan-8-ol, see Cedrol Page 26

Theaspirane

(±)-Theaspirane; 2,6,10,10-Tetramethyl-1-oxaspiro[4.5]dec-6-ene

[36431-72-8] C₁₃H₂₂O FW 194.31

Fen. 751

► mixture of *cis* and *trans*, ≥85%, FG

FEMA 3774 Flavis 13.098 CoE Nr 10515

Natural occurrence: Black chokeberry, grape, white wine, raspberry, passion fruit juice and cherimoya.
Organoleptic: berry; green; woody; minty; vanilla; wine-like

Halal, Kosher, NI

W377406-SAMPLE-K

W377406-100G-K

100 g

W377406-1KG-K

1 kg

W377406-5KG-K

5 kg

(±)-Theaspirane, see Theaspirane Page 123
Thiacetic acid, see Thioacetic acid Page 123

Thiamine hydrochloride

Aneurine hydrochloride; Vitamin B₁ hydrochloride

[67-03-8] C₁₂H₁₇ClN₄OS · HCl FW 337.27

Fen. 797

► ≥98%, FCC

FEMA 3322 Flavis 16.027 CoE Nr 4226

Organoleptic: sour

Halal, Kosher, NI

W332208-SAMPLE-K

W332208-1KG-K

1 kg

W332208-5KG-K

5 kg

W332208-10KG-K

10 kg

Thiazole

[288-47-1] C₃H₃NS FW 85.13

Fen. 752

► ≥99%, FG

FEMA 3615 Flavis 15.028 CoE Nr 11642

Organoleptic: nutty

Halal, Kosher, NI

W361518-SAMPLE-K

W361518-25G-K

25 g

W361518-100G-K

100 g

W361518-1KG-K

1 kg

2-Thienyl disulfide

Dithienyl disulfide

[6911-51-9] C₈H₆S₄ FW 230.39

Fen. 752

► ≥95%

FEMA 3323 Flavis 15.008 CoE Nr 2333

Organoleptic: earthy

Kosher, NI

W332305-SAMPLE-K

W332305-1G-K

1 g

W332305-25G-K

25 g

W332305-100G-K

100 g

W332305-1KG-K

1 kg

Thienylmercaptan, see 2-Thiophenethiol Page 123

Thioacetic acid

Thioglycolic acid

[507-09-5] CH₃COSH C₂H₄OS FW 76.12

► 96%

FEMA 4210 Flavis 12.199

W421001-SAMPLE

W421001-100G

100 g

W421001-1KG

1 kg

W421001-5KG

5 kg

o-Thiocresol, see o-Toluenethiol Page 124

2,2'-(Thiodimethylene)difuran

Furfuryl sulfide; Diffurfuryl monosulfide

[13678-67-6] C₁₀H₁₀O₂S FW 194.25

► ≥98%, FG

FEMA 3238 Flavis 13.056 CoE Nr 11438

Natural occurrence: Coffee.

Organoleptic: cheese; nutty; meaty; coffee; earthy; vegetable; alliaceous (onion, garlic)

Halal, NI

Fen. 753

W323802-SAMPLE

W323802-25G

25 g

W323802-100G

100 g

W323802-250G

250 g

W323802-1KG

1 kg

Thioguaicol, see 2-Methoxythiophenol Page 81

Thiolactic acid, see Thioacetic acid Page 123

Thiolactic acid, see 2-Mercaptopropionic acid Page 79

Thio-2-naphthol (β), see 2-Naphthalenethiol Page 96

3-Thiophanone, see 4,5-Dihydro-3(2H)-thiophenone

Page 36

2-Thiophenethiol

2-Mercaptothiophene; Thienylmercaptan

[7774-74-5] C₄H₄S₂ FW 116.20

Arc. 2934; Fen. 753

► FG

FEMA 3062 Flavis 15.001 CoE Nr 478

Organoleptic: caramel; coffee

Halal, Kosher

W306207-SAMPLE-K

W306207-25G-K

25 g

W306207-100G-K

100 g

W306207-1KG-K

1 kg



Thiophenol

Thiophenol, see Benzenethiol Page 16
 THQ, see 1,2,3,4-Tetrahydroquinoline Page 123
 L-Threanic acid, see L-(+)-Tartaric acid Page 121
 L-Threoascorbic acid, see L-Ascorbic acid Page 15

Thyme oil

[8007-46-3]

► white, Certified organic (NOP/EU) NEW

FEMA 3065

Kosher

Albania origin

[W306540-SAMPLE-K](#)

[W306540-1KG-K](#) 1 kg

► red

FEMA 3064

Natural Occurrence: Thyme.

from synthetic (5% linalool added)

Organoleptic: honey; floral; herbaceous; fruity; citrus; minty; woody; spicy; camphoraceous; green

Kosher

Fen. 272

Spain origin

[W306401-SAMPLE-K](#)

[W306401-1KG-K](#) 1 kg

[W306401-4KG-K](#) 4 kg

[W306401-9KG-K](#) 9 kg

► white, FCC

FEMA 3065

Natural Occurrence: Thyme.

from (Primary material from Thymus vulgaris and/or Thymus zygis)

from synthetic or plant

Organoleptic: honey; citrus; fruity; herbaceous; floral; camphoraceous; spicy; woody; green

Kosher, NI

Fen. 272

France origin

[W306509-SAMPLE-K](#)

[W306509-1KG-K](#) 1 kg

[W306509-4KG-K](#) 4 kg

[W306509-9KG-K](#) 9 kg

Thymol

5-Methyl-2-isopropylphenol; 5-Methyl-2-(1-methyl-ethyl)phenol; 2-Isopropyl-5-methylphenol

[89-83-8] 2-[$(CH_3)_2CH$]C₆H₃-5-(CH₃)OH C₁₀H₁₄O FW 150.22

Arc. 2944; Fen. 756

► ≥99%, FCC

FEMA 3066 Flavis 4.006 CoE Nr 174

Natural occurrence: Buchu oil grapefruit oil, blackberry, and licorice.

from synthetic

Kosher, NI

Organoleptic: woody; fruity; sweet; minty; earthy; spicy; smoky; wine-like; coffee

France origin

[W306606-SAMPLE-K](#)

[W306606-1KG-K](#) 1 kg

[W306606-5KG-K](#) 5 kg

[W306606-10KG-K](#) 10 kg

Thymus vulgaris, see Thyme oil Page 124

Tiglic acid, see trans-2-Methyl-2-butenoic acid Page 83

Tiglic aldehyde, see trans-2-Methyl-2-butenal Page 83

Tiglinaldehyde, see trans-2-Methyl-2-butenal Page 83

TMANO, see Trimethylamine N-oxide Page 125

Tobacco absolute

NEW

[8037-19-2]

► natural

from Nicotiana spp.

Organoleptic: tobacco

[W530455-SAMPLE](#)

[W530455-100G](#) 100 g

[W530455-1KG](#) 1 kg

Tocopherols

NEW

► mixed, FCC, FG

Antioxidant used with fats and oils to delay rancidity onset

Mixture of D-alpha, D-beta, D-delta, and D-gamma-Tocopherols.

Kosher

[W530066-SAMPLE-K](#)

[W530066-1KG-K](#) 1 kg

[W530066-5KG-K](#) 5 kg

o-Tolualdehyde

2-Methylbenzaldehyde

[529-20-4] CH₃C₆H₄CHO C₈H₈O FW 120.15

FEMA 3068 Flavis 5.026

[W306801-SAMPLE](#)

[W306801-25G](#) 25 g

[W306801-100G](#) 100 g

[W306801-1KG](#) 1 kg

m-Tolualdehyde

3-Methylbenzaldehyde

[620-23-5] CH₃C₆H₄CHO C₈H₈O FW 120.15

FEMA 3068 Flavis 5.028

[W306802-SAMPLE](#)

[W306802-25G](#) 25 g

[W306802-100G](#) 100 g

[W306802-1KG](#) 1 kg

p-Tolualdehyde

4-Methylbenzaldehyde

[104-87-0] CH₃C₆H₄CHO C₈H₈O FW 120.15

► ≥97%

FEMA 3068 Flavis 5.029 CoE Nr 115

Organoleptic: cherry

Halal, Kosher

NI

Arc. 2959; Fen. 757

[W306800-SAMPLE-K](#)

[W306800-1KG-K](#) 1 kg

[W306800-10KG-K](#) 10 kg

[W306800-25KG-K](#) 25 kg

Tolu balsam

[9000-64-0]

FEMA 3069

from synthetic

Kosher

[W306908-SAMPLE-K](#)

[W306908-1KG-K](#) 1 kg

[W306908-5KG-K](#) 5 kg

[W306908-10KG-K](#) 10 kg

o-Toluenethiol

2-Methylbenzenethiol; o-Thiocresol

[137-06-4] CH₃C₆H₄SH C₇H₈S FW 124.20

► ≥97%, FG

FEMA 3240 Flavis 12.027 CoE Nr 2272

Halal, Kosher

Organoleptic: meaty; alliaceous (onion, garlic) NI

[W324000-SAMPLE-K](#)

[W324000-100G-K](#) 100 g

[W324000-500G-K](#) 500 g

[W324000-1KG-K](#) 1 kg

[W324000-5KG-K](#) 5 kg

► p-Toluquinoline, see 6-Methylquinoline Page 93
 α-Tolylaldehyde, see Phenylacetaldehyde Page 108

p-Tolyl acetate

p-Cresyl acetate

[140-39-6] CH₃CO₂C₆H₄CH₃ C₉H₁₀O₂ FW 150.17

Arc. 725; Fen. 758

► ≥98%, FCC

FEMA 3073 Flavis 9.036 CoE Nr 226

Organoleptic: anise

NI

[W307300-SAMPLE](#)

[W307300-1KG](#) 1 kg

[W307300-5KG](#) 5 kg

[W307300-10KG](#) 10 kg

► 1-(2-Tolyl)ethanone, see 2'-Methylacetophenone Page 81
 α-Tolyl acid, see Phenylacetic acid Page 108
 α-Tolyl mercaptan, see Benzyl mercaptan Page 18

p-Tolyl phenylacetate

[101-94-0] C₆H₅CH₂CO₂C₆H₄CH₃ C₁₅H₁₄O₂

FW 226.27

Arc. 739; Fen. 762

► ≥99%

FEMA 3077 Flavis 9.709 CoE Nr 236

Organoleptic: hyacinth

[W307718-SAMPLE](#)

[W307718-100G](#) 100 g

[W307718-1KG](#) 1 kg

[W307718-5KG](#) 5 kg

Tonka bean absolute

[8046-22-8]

► natural

from *Dipteryx odorata*

Kosher

Organoleptic: coumarin; sweet; rich; warm

[W530462-SAMPLE-K](#)

[W530462-25G-K](#) 25 g

[W530462-100G-K](#) 100 g

► Tony Red, see Sudan III Page 120

Triacetin

Glyceryl triacetate; 1,2,3-Triacetylglycerol; 1,2,3-Tri-acetoxypropane

[102-76-1] $(\text{CH}_3\text{COOCH}_2)_2\text{CHOCOCH}_3$ $\text{C}_9\text{H}_{14}\text{O}_6$
FW 218.20

Arc. 2971; *Fen.* 763

► ≥98.5%, FCC, FG

FEMA 2007

Halal, Kosher, NI

[W200700-SAMPLE-K](#)

[W200700-1KG-K](#) 1 kg

[W200700-10KG-K](#) 10 kg

[W200700-25KG-K](#) 25 kg

☒ 1,2,3-Triacetoxypropane, see Triacetin Page 125
1,2,3-Triacetylglycerol, see Triacetin Page 125
Tribenzoin, see Glyceryl tribenzoate Page 56

Tributyl 2-acetylcitrate

Acetyl tributyl citrate

[77-90-7]
 $\text{CH}_3\text{CO}_2\text{C}(\text{CO}_2(\text{CH}_2)_3\text{CH}_3)[\text{CH}_2\text{CO}_2(\text{CH}_2)_3\text{CH}_3]_2$
 $\text{C}_{20}\text{H}_{34}\text{O}_8$ FW 402.48
Arc. 2972; *Fen.* 764

► ≥98%

FEMA 3080 Flavis 9.511

Organoleptic: wine-like; herbaceous; sweet
NI

[W308005-SAMPLE](#)

[W308005-1KG](#) 1 kg

[W308005-5KG](#) 5 kg

[W308005-10KG](#) 10 kg

Tributyrin

Glycerol tributyrate; 1,2,3-Tributrylglycerol; Glycerol tributrate; Tributyrin

[60-01-5]
 $(\text{CH}_3\text{CH}_2\text{CH}_2\text{COOCH}_2)_2\text{CHOCOCH}_2\text{CH}_2\text{CH}_3$
 $\text{C}_{15}\text{H}_{26}\text{O}_6$ FW 302.36
Arc. 2973; *Fen.* 303

► 97%, FG

FEMA 2223 Flavis 9.211 CoE Nr 747

Organoleptic: caramel; creamy; fatty
Halal

[W222305-SAMPLE](#)

[W222305-1KG](#) 1 kg

[W222305-5KG](#) 5 kg

[W222305-10KG](#) 10 kg

☒ 1,2,3-Tributrylglycerol, see Tributyrin Page 125

Tricarballylic acid

1,2,3-Propanetricarboxylic acid

[99-14-9] $(\text{HO}_2\text{CCH}_2)_2\text{CHCO}_2\text{H}$ $\text{C}_6\text{H}_8\text{O}_6$ FW 176.12

► ≥99%

[W508306-SAMPLE](#)

Tricosanoic acid tryptamide

N-[2-(3-Indolyl)ethyl]tricosanamide; N-Tricosanoyl-tryptamine; TAT

[152766-93-3] $\text{C}_{33}\text{H}_{56}\text{N}_2\text{O}$ FW 496.81

► analytical standard, for food analysis

≥99.0% (HPLC)

[56924-100MG-F](#) 100 mg

☒ N-Tricosanoyltryptamine, see Tricosanoic acid tryptamide
Page 125

Tridecanal

NEW

Tridecyl aldehyde

[10486-19-8] $\text{CH}_3(\text{CH}_2)_{11}\text{CHO}$ $\text{C}_{13}\text{H}_{26}\text{O}$ FW 198.34

► ≥95%

FEMA 4335

Kosher

[W433500-SAMPLE-K](#)

[W433500-100G-K](#) 100 g

Tridecanoic acid

NEW

[638-53-9] $\text{CH}_3(\text{CH}_2)_{11}\text{CO}_2\text{H}$ $\text{C}_{13}\text{H}_{26}\text{O}_2$ FW 214.34

► ≥98%

FEMA 4336

[W433600-SAMPLE](#)

[W433600-1KG](#) 1 kg

2-Tridecanone

Methyl undecyl ketone

[593-08-8] $\text{CH}_3(\text{CH}_2)_{10}\text{COCH}_3$ $\text{C}_{13}\text{H}_{26}\text{O}$ FW 198.34

Arc. 2262; *Fen.* 765

► ≥96%

FEMA 3388 Flavis 7.103 CoE Nr 11194

Organoleptic: spicy; herbaceous

Halal, Kosher, NI

[W338818-SAMPLE-K](#)

[W338818-100G-K](#) 100 g

[W338818-1KG-K](#) 1 kg

[W338818-4KG-K](#) 4 kg

[W338818-8KG-K](#) 8 kg

trans-2-Tridecenal

[7774-82-5] $\text{CH}_3(\text{CH}_2)_9\text{CH}=\text{CHCHO}$ $\text{C}_{13}\text{H}_{24}\text{O}$

FW 196.33

Arc. 2987; *Fen.* 766

► ≥92%, FCC

FEMA 3082 Flavis 5.078 CoE Nr 2011

Organoleptic: waxy; citrus

Kosher, NI

contains 0.50% alpha-tocopherol, synthetic as antioxidant

[W308218-SAMPLE-K](#)

[W308218-100G-K](#) 100 g

[W308218-1KG-K](#) 1 kg

[W308218-4KG-K](#) 4 kg

☒ Tridecyl aldehyde, see Tridecanal Page 125
1,1,3-Triethoxypropane, see 3-Ethoxypropionaldehyde diethyl acetal Page 42

Triethylamine

[121-44-8] $(\text{C}_2\text{H}_5)_3\text{N}$ $\text{C}_6\text{H}_{15}\text{N}$ FW 101.19

► ≥99.5%

FEMA 4246 Flavis 11.023

NI

[W424601-SAMPLE](#)

[W424601-1KG](#) 1 kg

[W424601-8KG](#) 8 kg

[W424601-20KG](#) 20 kg

Triethyl citrate

Ethyl citrate

[77-93-0] FEMA 3083 Flavis 9.512 CoE Nr 11762
 $\text{HOC}(\text{COOC}_2\text{H}_5)(\text{CH}_2\text{COOC}_2\text{H}_5)_2$ $\text{C}_{12}\text{H}_{20}\text{O}_7$

FW 276.28

Arc. 2990

► ≥99%, FCC

Organoleptic: wine-like; plum; sweet

Halal, Kosher, NI

Fen. 766

[W308307-SAMPLE-K](#)

[W308307-1KG-K](#) 1 kg

[W308307-10KG-K](#) 10 kg

[W308307-25KG-K](#) 25 kg

► natural, ≥97%

Organoleptic: plum; sweet; wine-like

[W308315-SAMPLE](#)

[W308315-1KG](#) 1 kg

[W308315-5KG](#) 5 kg

☒ 3,4,5-Trihydroxybenzoic acid propyl ester, see Propyl gallate

Page 114

4',5,7-Trihydroxyflavanone, see Naringenin Page 96

3',5,7-Trihydroxy-4-methoxyflavanone, see Hesperetin

Page 59

3,4',5-Trihydroxy-trans-stilbene, see Resveratrol Page 117

► Trimethylamine solution

[75-50-3] Flavis 11.009 $(\text{CH}_3)_3\text{N}$ $\text{C}_3\text{H}_9\text{N}$ FW 59.11

Fen. 767

► 25 wt. % in H_2O

FEMA 3241 CoE Nr 10497

Organoleptic: oily; meaty; fishy

Kosher, NI

[W324108-SAMPLE-K](#)

[W324108-1KG-K](#) 1 kg

[W324108-5KG-K](#) 5 kg

[W324108-10KG-K](#) 10 kg

[W324108-20KG-K](#) 20 kg

► 25 wt. % in propylene glycol

Organoleptic: fishy

[W550132-1KG](#) 1 kg

Trimethylamine N-oxide

TMANO

[1184-78-7] $(\text{CH}_3)_3\text{N}(\text{O})$ $\text{C}_3\text{H}_5\text{NO}$ FW 75.11

► 98%

FEMA 4245 Flavis 11.025

NI

[W424501](#)

p,a,a-Trimethylbenzyl alcohol

[1197-01-9] $\text{CH}_3\text{C}_6\text{H}_4\text{C}(\text{CH}_3)_2\text{OH}$ $\text{C}_{10}\text{H}_{14}\text{O}$

FW 150.22

Fen. 768

► ≥90%

FEMA 3242 Flavis 2.042 CoE Nr 530

Organoleptic: walnut

Halal, Kosher, NI

[W324205-SAMPLE-K](#)

[W324205-100G-K](#) 100 g

[W324205-1KG-K](#) 1 kg

[W324205-5KG-K](#) 5 kg

Trimethylbenzyl

- ▣ (R)-(+)-N,N, α -Trimethylbenzylamine, see (R)-(+)-N,N-Dimethyl-1-phenylethylamine Page 39
- (1R)-1,3,3-Trimethylbicyclo[2.2.1]heptan-2-one, see L-Fenchone Page 52
- 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one, see (\pm)-Camphor Page 24
- (1R,5R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, see (1R)-(+)- α -Pinene Page 111
- (1S,5S)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, see (-)- α -Pinene Page 111
- 3,7,7-Trimethylbicyclo[4.1.0]hept-3-ene, see 3-Carene Page 25
- (1S,5S)-4,6,6-Trimethylbicyclo[3.1.1]hept-3-en-2-one, see (1S)-(-)-Verbenone Page 129
- endo-(1S)-1,7,7-Trimethylbicyclo[2.2.1]hept-2-yl acetate, see (-)-Bornyl acetate Page 20

3-[5,5,6-Trimethylbicyclo[2.2.1]hept-2-yl]cyclohexan-1-ol

[3407-42-9] C₁₆H₂₈O FW 236.39

W524107-SAMPLE

W524107-1KG	1 kg
W524107-5KG	5 kg
W524107-10KG	10 kg

2,6,6-Trimethyl-1-cyclohexene-1-acetal-dehyde

β -Homocyclocitral

[472-66-2] C₁₁H₁₈O FW 166.26

Fen. 770

► ≥75%

FEMA 3474 Flavis 5.112 CoE Nr 10338

Halal, NI

Organoleptic: beef

β -cyclocitral 10-20%

W347418-SAMPLE

W347418-25G	25 g
W347418-100G	100 g

- ▣ 2,6,6-Trimethyl-1-cyclohexene-1-carboxaldehyde, see β -Cyclocitral Page 31
- 2,6,6-Trimethyl-2-cyclohexene-1,4-dione, see 4-Oxoiso-phrone Page 103
- 3,5,5-Trimethyl-2-cyclohexen-1-one, see Isophorone Page 71
- 4-(2,6,6-Trimethyl-1-cyclohexenyl)-3-butene-2-one, see β -Ionone Page 67
- 4-(2,6,6-Trimethyl-2-cyclohexenyl)-3-butene-2-one, see α -Ionone Page 66
- 3,7,11-Trimethyl-2,6,10-dodecatrienal, see Farnesal, mixture of isomers Page 52
- 3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol, see Nerolidol Page 96
- 3,7,11-Trimethyl-2,6,10-dodecatrien-1-ol, see Farnesol Page 52
- Trimethylene dimercaptan, see 1,3-Propanedithiol Page 112

3,5,5-Trimethylhexanal

[5435-64-3] (CH₃)₃CCH₂CH(CH₃)CH₂CHO C₉H₁₈O FW 142.24

Arc. 3006; Fen. 773

► ≥95%

FEMA 3524 Flavis 5.116 CoE Nr 10384

Organoleptic: earthy

Kosher

W352403-SAMPLE-K

W352403-100G-K	100 g
W352403-1KG-K	1 kg
W352403-4KG-K	4 kg

3,5,5-Trimethyl-1-hexanol

[3452-97-9] (CH₃)₃CCH₂CH(CH₃)CH₂CH₂OH C₉H₂₀O FW 144.25

Arc. 3007; Fen. 773

► ≥85%

FEMA 3324 Flavis 2.055 CoE Nr 702

Organoleptic: oily; herbaceous

NI

W332402-SAMPLE

W332402-1KG	1 kg
W332402-8KG	8 kg
W332402-20KG	20 kg

► natural, ≥80%

Organoleptic: peanut

Kosher

water ≤0.3%

W324426-SAMPLE-K

W324426-25G-K	25 g
W324426-100G-K	100 g
W324426-1KG-K	1 kg

2,4,5-Trimethylthiazole

[13623-11-5] C₆H₉NS FW 127.21

Fen. 776

► ≥98%, FG

FEMA 3325 Flavis 15.019 CoE Nr 11650

Organoleptic: chocolate; hazelnut; coffee
Halal, Kosher, NI

W332518-SAMPLE-K

W332518-25G-K	25 g
W332518-100G-K	100 g
W332518-1KG-K	1 kg

- ▣ Trimethyl trithioorthoformate, see Tris(methylthio)methane Page 126
- 1,3,7-Trimethylxanthine, see Caffeine Page 24

Tripropionin

Glyceryl tripromipionate

[139-45-7] Flavis 9.263

(C₂H₅CO₂CH₂)₂CH(O₂CC₂H₅) C₁₂H₂₀O₆ FW 260.28

Fen. 306

► FCC, FG

FEMA 3286 CoE Nr 10657

Halal, Kosher

W328618-SAMPLE-K

W328618-1KG-K	1 kg
W328618-5KG-K	5 kg
W328618-10KG-K	10 kg
W328618-25KG-K	25 kg

► ≥95%

Kosher

W328607

Tripropylamine

[102-69-2] (CH₃CH₂CH₂)₃N C₉H₂₁N FW 143.27

► ≥98%

FEMA 4247 Flavis 11.026

W424701

Tris(methylthio)methane

Trimethyl trithioorthoformate

[5418-86-0] (CH₃S)₃CH C₄H₁₀S₃ FW 154.32

► ≥98%

W520012-SAMPLE

W520012-25G	25 g
W520012-100G	100 g
W520012-1KG	1 kg
W520012-5KG	5 kg

- ▣ Trisodium citrate dihydrate, see Sodium citrate dihydrate Page 119

Trithioacetone

2,2,4,4,6,6-Hexamethyl-s-trithiane
[828-26-2] C₉H₁₈S₃ FW 222.43
Fen. 778

► ≥99%, FG

FEMA 3475 Flavis 15.009 CoE Nr 2334

Natural occurrence: Roast beef.

Organoleptic: berry; citrus; earthy; sulfurous; minty
Halal, Kosher, NI

[W347507-SAMPLE-K](#)

[W347507-25G-K](#)

25 g

[W347507-100G-K](#)

100 g

[W347507-250G-K](#)

250 g

[W347507-1KG-K](#)

1 kg

Trivalent

[27939-60-2] C₉H₁₄O FW 138.21

► ≥98%

from synthetic
China origin

[W524409-SAMPLE](#)

[W524409-1KG](#)

1 kg

[W524409-5KG](#)

5 kg

[W524409-10KG](#)

10 kg

L-Turpentine

Fir oil; Pine oil; Turpentine; Oil of turpentine
[8006-64-2]

FEMA 3089

from *Pinus* spp.
synthetic

Kosher

Organoleptic: balsam
Brazil origin

[W308900-SAMPLE-K](#)

[W308900-1KG-K](#)

1 kg

[W308900-9KG-K](#)

9 kg

[W308900-25KG-K](#)

25 kg

☒ TWEEN® 60, see Polysorbate 60 Page 112
TWEEN® 80, see Polysorbate 80 Page 112

Tyramine

2-(4-Hydroxyphenyl)ethylamine; 4-(2-Aminoethyl)
phenol; 4-Hydroxyphenethylamine
[51-67-2] HOCH₂CH₂NH₂ C₈H₁₁NO
FW 137.18

► 99%

FEMA 4215 Flavis 11.007

NI

[W421501-SAMPLE](#)

[W421501-25G](#)

25 g

[W421501-100G](#)

100 g

[W421501-1KG](#)

1 kg

L-Tyrosine

(S)-2-Amino-3-(4-hydroxyphenyl)propionic acid; 3-(4-Hydroxyphenyl)-L-alanine
[60-18-4] 4-(HO)C₆H₄CH₂CH(NH₂)CO₂H C₉H₁₁NO₃
FW 181.19
Fen. 778

► ≥97%

FEMA 3736 Flavis 17.022

NI

[W373605-SAMPLE](#)

[W373605-100G](#)

100 g

[W373605-1KG](#)

1 kg

[W373605-5KG](#)

5 kg

trans,trans-2,4-Undecadienal

[30361-29-6] CH₃(CH₂)₅CH=CHCH=CHCHO C₁₁H₁₈O FW 166.26
Arc. 3022; Fen. 779

► ≥90%

FEMA 3422 Flavis 5.196 CoE Nr 10385

Organoleptic: butter; spicy

Halal, Kosher

NI

contains 0.50% alpha-tocopherol, synthetic as antioxidant

[W342203-SAMPLE-K](#)

[W342203-25G-K](#)

25 g

[W342203-100G-K](#)

100 g

[W342203-1KG-K](#)

1 kg

γ-Undecalactone

Undecanoic γ-lactone; Aldehyde C₁₄
[104-67-6] FEMA 3091 Flavis 10.002 C₁₁H₂₀O₂
FW 184.28

► natural (US), ≥98% NEW

[W309101-SAMPLE](#)

[W309101-500G](#)

500 g

► ≥98%, FCC, FG

CoE Nr 179

Halal, Kosher, NI

Organoleptic: musty; peach; sweet; earthy
Arc. 3024; Fen. 780

[W309109-SAMPLE-K](#)

[W309109-1KG-K](#)

1 kg

[W309109-5KG-K](#)

5 kg

[W309109-10KG-K](#)

10 kg

δ-Undecalactone

Undecanoic δ-lactone
[710-04-3] C₁₁H₂₀O₂ FW 184.28

► >97%

FEMA 3294 Flavis 10.011 CoE Nr 688

Natural occurrence: Blackberry, heated butter, milk, coconut and cream

Organoleptic: butter; coconut; waxy

Halal, Kosher, NI

Arc. 3025; Fen. 780

[W329401-SAMPLE-K](#)

[W329401-100G-K](#)

100 g

[W329401-1KG-K](#)

1 kg

[W329401-5KG-K](#)

5 kg

Undecanal

Undecyl aldehyde

[112-44-7] CH₃(CH₂)₉CHO C₁₁H₂₂O FW 170.29
Arc. 3028; Fen. 781

► ≥96%, FCC

FEMA 3092 Flavis 5.034 CoE Nr 121

Organoleptic: orange; fatty; rose; waxy
Kosher, NI
contains 0.025% BHT as stabilizer

[W309206-SAMPLE-K](#)

[W309206-1KG-K](#)

1 kg

[W309206-4KG-K](#)

4 kg

[W309206-8KG-K](#)

8 kg

Undecane

Hendecane; n-Undecane

[1120-21-4] CH₃(CH₂)₉CH₃ C₁₁H₂₄ FW 156.31

► ≥99%

NI

[W510505-SAMPLE](#)

[W510505-1KG](#)

1 kg

[W510505-4KG](#)

4 kg

[W510505-8KG](#)

8 kg

☒ n-Undecane, see Undecane Page 127

Undecanoic acid

Hendecanoic acid

[112-37-8] CH₃(CH₂)₉COOH C₁₁H₂₂O₂ FW 186.29

Arc. 3051; Fen. 782

► ≥97%

FEMA 3245 Flavis 8.042 CoE Nr 696

Organoleptic: oily

NI

[W324507-SAMPLE](#)

[W324507-100G](#)

100 g

[W324507-1KG](#)

1 kg

[W324507-5KG](#)

5 kg

☒ Undecanoic acid ethyl ester, see Ethyl undecanoate
Page 51

Undecanoic γ-lactone, see γ-Undecalactone Page 127

Undecanoic δ-lactone, see δ-Undecalactone Page 127

1-Undecanol, see Undecyl alcohol Page 128

2-Undecanol

Methyl nonyl carbinol

[1653-30-1] CH₃(CH₂)₈CH(OH)CH₃ C₁₁H₂₄O

FW 172.31

Arc. 2137; Fen. 782

► 97%

FEMA 3246 Flavis 2.086

[W324604-SAMPLE](#)

[W324604-25G](#)

25 g

[W324604-100G](#)

100 g

[W324604-1KG](#)

1 kg

Undecanone

2-Undecanone

Methyl nonyl ketone
 [112-12-9] FEMA 3093 Flavis 7.016
 $\text{CH}_3(\text{CH}_2)_8\text{COCH}_3$ C₁₁H₂₀O FW 170.29
 Arc. 2140; Fen. 783

► ≥98%, FCC, FG

CoE Nr 150
Organoleptic: iris; citrus
 Halal, Kosher, NI

W309303-SAMPLE-K

W309303-250G-K	250 g
W309303-1KG-K	1 kg
W309303-4KG-K	4 kg
W309303-8KG-K	8 kg

► natural, ≥97%, FCC

CoE Nr 150c
 Kosher
Organoleptic: citrus; fruity; rose

W309311-SAMPLE-K

W309311-25G-K	25 g
W309311-100G-K	100 g
W309311-1KG-K	1 kg

6-Undecanone

Dipentyl ketone; Diethyl ketone
 [927-49-1] CH₃(CH₂)₄CO(CH₂)₄CH₃ C₁₁H₂₂O FW 170.29

FEMA 4022 Flavis 7.249

W402206-SAMPLE

W402206-100G	100 g
W402206-1KG	1 kg
W402206-4KG	4 kg

1,3,5-Undecatriene, mixture of 1,3(E),5(Z) and 1,3(E),5(E) isomers

[16356-11-9] CH₃(CH₂)₄(CH=CH₂)₂CH=CH₂ C₁₁H₁₈ FW 150.26
 Fen. 784

► ≥70%

FEMA 3795 Flavis 1.061
Organoleptic: pineapple; green
 Kosher

contains 0.10% alpha-tocopherol, synthetic as antioxidant

W379506-SAMPLE-K

W379506-25G-K	25 g
W379506-100G-K	100 g
W379506-1KG-K	1 kg

trans-2-Undecenal

[53448-07-0] CH₃(CH₂)₇CH=CHCHO C₁₁H₂₀O FW 168.28

Arc. 3033; Fen. 785

► ≥90%

FEMA 3423 Flavis 5.184 CoE Nr 11827

Halal, Kosher, NI

Organoleptic: orange; herbaceous; fruity
 contains 0.50% alpha-tocopherol, synthetic as additive

cis-2-undecenal 0.1-3.5%

W342300-SAMPLE-K

W342300-100G-K	100 g
W342300-1KG-K	1 kg
W342300-4KG-K	4 kg

cis-8-Undecenal

[147159-49-7] CH₃CH₂CH=CH(CH₂)₆CHO C₁₁H₂₀O FW 168.28

► ≥96%

Kosher
 contains 0.50% alpha-tocopherol, synthetic as antioxidant

W526908-SAMPLE-K

W526908-25G-K	25 g
W526908-100G-K	100 g
W526908-1KG-K	1 kg

10-Undecenal

Undecylenic aldehyde

[112-45-8] H₂C=CH(CH₂)₈CHO C₁₁H₂₀O FW 168.28

► ≥90%

FEMA 3095 Flavis 5.035 CoE Nr 122

Organoleptic: fatty; citrus; waxy; rose; sweet
 Kosher

Arc. 3035; Fen. 786

W309508-SAMPLE-K

W309508-100G-K	100 g
W309508-1KG-K	1 kg
W309508-4KG-K	4 kg

▣ Undecenoic acid, see Undecylenic acid Page 128
 10-Undecenoic acid methyl ester, see Methyl 10-undecenoate Page 95

Undecyl alcohol

1-Undecanol; Alcohol C₁₁

[112-42-5] CH₃(CH₂)₁₀OH C₁₁H₂₄O FW 172.31

Arc. 3031; Fen. 788

► 97%

FEMA 3097 Flavis 2.057 CoE Nr 751

Organoleptic: grape; lemon; lime; green; sweet

Halal, Kosher, NI

W309702-SAMPLE-K

W309702-1KG-K	1 kg
W309702-4KG-K	4 kg
W309702-8KG-K	8 kg

▣ Undecyl aldehyde, see Undecanal Page 127

Undecylenic acid

10-Undecenoic acid

[112-38-9] CI 42650 CH₂=CH(CH₂)₈COOH

C₁₁H₂₀O₂ FW 184.28

Arc. 3049; Fen. 786

► ≥95%

FEMA 3247 Flavis 8.039 CoE Nr 689

Organoleptic: woody; sweet

Halal, NI

W324701-SAMPLE

W324701-50G	50 g
W324701-1KG	1 kg
W324701-10KG	10 kg
W324701-20KG	20 kg

▣ Undecylenic acid methyl ester, see Methyl 10-undecenoate Page 95
 Undecylenic aldehyde, see 10-Undecenal Page 128

Valencene

(+)-Valencene; (3R,4aS,5R)-4a,5-Dimethyl-3-isopropenyl-1,2,3,4a,5,6,7-octahydronaphthalene

[4630-07-3] C₁₅H₂₄ FW 204.35
 Fen. 788

► natural, ≥65%

FEMA 3443 Flavis 1.017 CoE Nr 11030
 from oranges
 Kosher

W344303-SAMPLE-K

W344303-25G-K	25 g
W344303-100G-K	100 g
W344303-1KG-K	1 kg

▣ (+)-Valencene, see Valencene Page 128

Valeraldehyde

Pentanal

[110-62-3] CH₃(CH₂)₃CHO C₅H₁₀O FW 86.13

Arc. 3052; Fen. 789

► ≥97%

FEMA 3098 Flavis 5.005 CoE Nr 93
Organoleptic: nutty; fruity; vanilla; woody

Halal, Kosher, NI

W309818-SAMPLE-K

W309818-1KG-K	1 kg
W309818-4KG-K	4 kg
W309818-8KG-K	8 kg
W309818-20KG-K	20 kg

Valeric acid

Pentanoic acid; n-Valeric acid

[109-52-4] CH₃(CH₂)₃COOH C₅H₁₀O₂ FW 102.13

Arc. 3056; Fen. 789

► ≥99%, FCC

FEMA 3101 Flavis 8.007 CoE Nr 7

Halal, Kosher, NI

Organoleptic: animal; earthy

W310107-SAMPLE-K

W310107-1KG-K	1 kg
W310107-5KG-K	5 kg
W310107-10KG-K	10 kg
W310107-25KG-K	25 kg

▣ n-Valeric acid, see Valeric acid Page 128

(±)-γ-Valerolactone

y-Methyl-γ-butyrolactone; 4,5-Dihydro-5-methyl-2(3H)-furanone; 4-Hydroxypentanoic acid lactone

[108-29-2] C₅H₈O₂ FW 100.12

Arc. 3059; Fen. 790

► ≥98%, FCC, FG

FEMA 3103 Flavis 10.013 CoE Nr 757

Organoleptic: anise; herbaceous

Halal, Kosher, NI

W310301-SAMPLE-K

W310301-1KG-K	1 kg
W310301-5KG-K	5 kg
W310301-10KG-K	10 kg

L-Valine

(S)- α -Aminoisovaleric acid; L-2-Amino-3-methylbutanoic acid
 [72-18-4] $(\text{CH}_3)_2\text{CHCH}(\text{NH}_2)\text{CO}_2\text{H}$ $\text{C}_5\text{H}_{11}\text{NO}_2$
 FW 117.15

► FCC

Flavis 17.028

W527718-SAMPLE

W527718-100G	100 g
W527718-1KG	1 kg

DL-Valine

DL-2-Amino-3-methylbutanoic acid; (\pm)- α -Aminoisovaleric acid

[516-06-3] $(\text{CH}_3)_2\text{CHCH}(\text{NH}_2)\text{COOH}$ $\text{C}_5\text{H}_{11}\text{NO}_2$
 FW 117.15
 Arc. 3065; Fen. 791

► ≥97%

FEMA 3444 Flavis 17.023

NI

W344400-SAMPLE

W344400-1KG	1 kg
W344400-5KG	5 kg
W344400-10KG	10 kg

Vanillic acid

4-Hydroxy-3-methoxybenzoic acid
 [121-34-6] $\text{HOCH}_3(\text{OCH}_3)\text{CO}_2\text{H}$ $\text{C}_8\text{H}_8\text{O}_4$
 FW 168.15
 Arc. 3066

► ≥97%

FEMA 3988 Flavis 8.043

Natural occurrence: Guava, grape, brandy, rum, whiskey, sherry, red and white wines, Scotch and Canadian whiskey.

Organoleptic: chocolate; creamy; grape; nutty; wine-like
 Halal, Kosher

W398802-SAMPLE-K

W398802-100G-K	100 g
W398802-1KG-K	1 kg
W398802-5KG-K	5 kg
W398802-10KG-K	10 kg

Vanillin

4-Hydroxy-3-methoxybenzaldehyde

[121-33-5] FEMA 3107 Flavis 5.018
 4-(HOCH_3) $_3$ - $\text{C}_6\text{H}_3\text{CHO}$ $\text{C}_8\text{H}_8\text{O}_3$ FW 152.15
 Organoleptic: caramel; chocolate; sweet; vanilla
 Arc. 3067; Fen. 792

► ≥97%, FCC, FG

CoE Nr 107

Halal, Kosher, NI

W310700-SAMPLE-K

W310700-1KG-K	1 kg
W310700-10KG-K	10 kg
W310700-25KG-K	25 kg

► natural, ≥97%, FCC, FG

produced from rice bran ferulic acid

Halal, Kosher

Soy <0.500 ppm

W310727-SAMPLE-K

W310727-100G-K	100 g
W310727-1KG-K	1 kg

Vanillin acetate

4-Formyl-2-methoxyphenyl acetate
 [881-68-5] $\text{CH}_3\text{CO}_2\text{C}_6\text{H}_3\text{-4-(CHO)-2-OCH}_3$ $\text{C}_{10}\text{H}_{10}\text{O}_4$
 FW 194.18
 Arc. 49; Fen. 791

► ≥98%

FEMA 3108 Flavis 9.035 CoE Nr 225

Organoleptic: balsam; floral
 Kosher, NI

W310808-SAMPLE-K

W310808-100G-K	100 g
W310808-1KG-K	1 kg
W310808-5KG-K	5 kg

Vanillin isobutyrate

[20665-85-4] $(\text{CH}_3)_2\text{CHCO}_2\text{C}_6\text{H}_3\text{-2-(OCH}_3\text{-4-(CHO)}$
 $\text{C}_{12}\text{H}_{14}\text{O}_4$ FW 222.24
 Fen. 794

► ≥98%, FG

FEMA 3754 Flavis 9.811

Organoleptic: almond; cherry; chocolate; creamy
 Halal, Kosher

W375403-SAMPLE-K

W375403-100G-K	100 g
W375403-1KG-K	1 kg
W375403-5KG-K	5 kg

☒ Vanillin methyl ether, see Veratraldehyde Page 129

Vanillylacetone

Zingerone
 [122-48-5] 4-(HOCH_3) $_3$ - $\text{C}_6\text{H}_3\text{CH}_2\text{COCH}_3$
 $\text{C}_{11}\text{H}_{14}\text{O}_3$ FW 194.23
 Arc. 3101; Fen. 799

► ≥96%

FEMA 3124 Flavis 7.005 CoE Nr 139

Natural occurrence: Cranberry and ginger.

Organoleptic: clove; creamy; spicy; sweet; animal
 Halal, NI

W312401-SAMPLE

W312401-100G	100 g
W312401-250G	250 g
W312401-1KG	1 kg

Vanillyl alcohol

4-Hydroxy-3-methoxybenzyl alcohol; Vanillyl alcohol
 [498-00-0] $\text{HOCH}_3(\text{OCH}_3)\text{CH}_2\text{OH}$ $\text{C}_8\text{H}_{10}\text{O}_3$
 FW 154.16
 Arc. 3073

► ≥98%

FEMA 3737 Flavis 2.213 CoE Nr 690

Possible uses: vanilla, coconut, cream and other dairy nuances, coumarin notes.¹

Natural occurrence: Beer¹

Kosher

Organoleptic: anise

Lit. cited: 1. Mosciano, Gerard, *Perfum. Flavor.* 5, 34, 51 (2009)

W373702-SAMPLE-K

W373702-100G-K	100 g
W373702-1KG-K	1 kg
W373702-5KG-K	5 kg

Vanillyl butyl ether

[82654-98-6] 4-(HOCH_3) $_3$ - $\text{C}_6\text{H}_3\text{CH}_2\text{O}(\text{CH}_2)_3\text{CH}_3$
 $\text{C}_{12}\text{H}_{18}\text{O}_3$ FW 210.27

Fen. 794

► ≥96%

FEMA 3796 Flavis 4.093

W379603-SAMPLE

W379603-100G	100 g
W379603-1KG	1 kg
W379603-5KG	5 kg

Verataldehyde

Verataldehyde; Vanillin methyl ether; 3,4-Dimethoxybenzaldehyde

[120-14-9] $(\text{CH}_3)_2\text{C}_6\text{H}_3\text{CHO}$ $\text{C}_9\text{H}_{10}\text{O}_3$ FW 166.17
 Arc. 3077; Fen. 795

► ≥98%, FG

FEMA 3109 Flavis 5.017 CoE Nr 106

Natural occurrence: Essential oils of cymbopogon and jananensis.

Organoleptic: caramel; cherry; creamy; woody; citrus; minty
 Halal, Kosher, NI

W310905-SAMPLE-K

W310905-1KG-K	1 kg
W310905-5KG-K	5 kg
W310905-10KG-K	10 kg
W310905-25KG-K	25 kg

☒ Veratrole, see 1,2-Dimethoxybenzene Page 36

(1S)-(−)-Verbenone

(1S,5S)-2-Pinen-4-one; (1S,5S)-4,6,6-Trimethylbicyclo[3.1.1]hept-3-en-2-one

[1196-01-6] $\text{C}_{10}\text{H}_{14}\text{O}$ FW 150.22

Arc. 3079

► ≥93%

Organoleptic: minty; spicy; vanilla
 Kosher

W506907-SAMPLE-K

W506907-100G-K	100 g
W506907-1KG-K	1 kg
W506907-5KG-K	5 kg
W506907-10KG-K	10 kg

☒ vic.-m-Xylenol, see 2,6-Xylenol Page 130

Vinylanisole

2-Vinylanisole

[612-15-7]	$C_6H_4(OCH_3)CHCH_2$	$C_9H_{10}O$	FW 134.18
▶ 98%			
FEMA 3248			
contains ~0.1% t-Butylcatechol as inhibitor			
W324801			

☒ Vinylbenzene, see Styrene Page 120

4-Vinylphenol solution

▶ 10 wt. % in propylene glycol, FG
FEMA 3739 Flavis 4.057 CoE Nr 11257

Halal, Kosher

W373923-SAMPLE-K
W373923-25G-K
W373923-100G-K
W373923-1KG-K

☒ 3-Vinylpropionic acid, see 4-Pentenoic acid Page 105

Violet leaf absolute

[8024-08-6]
FEMA 3110
from <i>Viola odorata</i> L.
Kosher
<i>Organoleptic:</i> cucumber; green; violet
France origin
W311006-1G-K
1 g
W311006-25G-K
25 g
W311006-100G-K
100 g

☒ Violet leaf aldehyde, see *trans*-2,*cis*-6-Nonadienal
Page 97
Vitamin B₁, hydrochloride, see Thiamine hydrochloride
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Whiskey lactone

(±)-5-Butyl-4-methylidihydro-2(3H)-furanone
[39212-23-2]
$C_9H_{16}O_2$
FW 156.22
mixture of <i>cis</i> and <i>trans</i>
▶ ≥98%

FEMA 3803 Flavis 10.053 CoE Nr 10535
Organoleptic: coconut; green

W380318-SAMPLE
W380318-100G
100 g
W380318-1KG

1 kg
W380318-5KG

Wintergreen oil

[90045-28-6]
▶ China origin
FEMA 3113
from <i>Gaultheria procumbens</i> L.
Kosher
<i>Organoleptic:</i> vanilla
W311308-SAMPLE-K
W311308-1KG-K
1 kg
W311308-10KG-K
10 kg
W311308-25KG-K
25 kg

☒ Wintergreen oil, see Methyl salicylate Page 93
asym.-*m*-Xylenol, see 2,4-Xylenol Page 130
p-Xylenol, see 2,5-Xylenol Page 130

2,4-Xylenol

2,4-Dimethylphenol; 4-Hydroxy- <i>m</i> -xylene; asym.- <i>m</i> -Xylenol
[105-67-9]
$(CH_3)_2C_6H_3OH$
$C_8H_{10}O$
FW 122.16
Arc. 3098
▶ ≥98%
Flavis 4.066
W506206-SAMPLE
W506206-1KG
1 kg
W506206-5KG
5 kg
W506206-10KG
10 kg

Xylitol

Xylite
[87-99-0]
$HOCH_2[CH(OH)]_3CH_2OH$
$C_5H_{12}O_5$
FW 152.15
W507930-SAMPLE
W507930-1KG
1 kg
W507930-5KG
5 kg
W507930-10KG
10 kg

☒ 1-(2,4-Xylylazo)-2-naphthol, see Sudan II Page 120

Ylang-ylang oil

[8006-81-3]
FEMA 3119

from (*Cananga odorata*)

▶ extra

from synthetic

Halal, Kosher

Organoleptic: floral

W311936-SAMPLE-K
W311936-1KG-K
1 kg

W311936-5KG-K
5 kg

▶ extra, Certified organic (NOP/EU)

Kosher

Madagascar origin

W311942-SAMPLE-K
W311942-1KG-K

1 kg
W311942-5KG-K

▶ Ylang-ylang oil II

II

from synthetic

Kosher

W311928-SAMPLE-K
W311928-1KG-K
1 kg

W311928-5KG-K
5 kg

▶ Ylang-ylang oil III

III

from synthetic

Kosher

Organoleptic: apple; floral; green; earthy; woody; spicy

W311901-SAMPLE-K
W311901-1KG-K
1 kg

W311901-5KG-K
5 kg

☒ Ylang-ylang oil II, see Ylang-ylang oil Page 130

Ylang-ylang oil III, see Ylang-ylang oil Page 130

Yo-shu oil, see Eucalyptus oil Page 51

Eucalyptus oil Page 51

Zein

[9010-66-6]
from maize

W555025

☒ Zingerone, see Vanillylacetone Page 129



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SAFC® Flavors & Fragrances

Food-grade certified products index

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2003	W200387	Acetaldehyde solution, 40 wt. % in isopropanol	8	2133	W213306	Benzoin resin absolute, Siam	17
2004	W200409	Acetaldehyde phenethyl propyl acetal, ≥95%	8	2133	W213314	Benzoin resin absolute	17
2005	W200506	Acetanisole, ≥98%, FCC, FG	8	2134	W213403	Benzophenone, ≥99%, FCC	17
2006	W200603	Acetor, natural, ≥99.5%, FG	8	2135	W213500	Benzyl acetate, ≥99%, FCC, FG	17
2006	W200611	Acetyl acid, FCC, FG	8	2135	W213519	Benzyl acetate, natural, ≥99%, FCC, FG	17
2007	W200700	Triacetin, ≥98.5%, FCC, FG	125	2137	W213705	Benzyl alcohol, ≥99%, FCC, FG	17
2009	W200905	Acetophenone, ≥98%, FCC	8	2137	W213713	Benzyl alcohol, natural, ≥98%, FG	17
2011	W211103	Adipic acid, ≥99.6%, FCC	10	2137	W213748	Benzyl alcohol, ≥99%, JSFA	17
2012	W212101	Agar, FCC	10	2138	W213802	Benzyl benzoate, ≥99%, FCC	17
2015	W21502	Sodium alginate	118	2138	W213810	Benzyl benzoate, natural, ≥99%, FCC	17
2018	W218100	Pimenta berry oil, natural	111	2140	W214000	Benzyl butyrate, ≥98%, FCC, FG	17
2020	W220202	Allyl anthranilate, ≥98%	10	2140	W214019	Benzyl butyrate, natural, ≥98%, FCC	17
2021	W220118	Allyl butyrate, ≥98%	11	2141	W214108	Benzyl isobutyrate, ≥97%, FCC, FG	18
2022	W222027	Allyl cinnamate, ≥99%	11	2141	W214115	Benzyl isobutyrate, natural (US), ≥97%, FG	18
2026	W22606	Allyl cyclohexanepropionate, ≥98%, FCC, FG	11	2142	W214205	Benzyl cinnamate, ≥98%	18
2028	W228000	Allyl disulfide, ≥80%	11	2145	W214507	Benzyl formate, ≥95%, FCC	18
2029	W22908	Allyl 2-ethylbutyrate, ≥98%	11	2147	W214701	Benzyl mercaptan, 99%	18
2030	W23009	Allyl 2-furoate, ≥98%	11	2149	W214906	Benzyl phenylacetate, ≥98%, FCC	18
2031	W23106	Allyl heptanoate, ≥97%, FCC, FG	11	2150	W215007	Benzyl propionate, ≥98%, FCC	18
2032	W23203	Allyl hexanoate, ≥98%, FCC, FG	11	2150	W215015	Benzyl propionate, natural, ≥98%, FCC	19
2032	W23211	Allyl hexanoate, natural, ≥98%	11	2151	W215104	Benzyl salicylate, ≥98%, FCC	19
2033	W23300	Allyl- α -ionone, ≥65%	11	2152	W215201	Benzyl isovalerate, ≥98%, FCC	18
2034	W23408	Allyl isothiocyanate, ≥93%, FCC, FG	11	2153	W215309	Bergamot oil, Italy origin	19
2037	W23718	Allyl octanoate, ≥99%	11	2153	W215317	Bergamot oil, Ivory Coast origin, (Non-sensitizing)	19
2038	W23807	Allyl phenoxyacetate, ≥99%	12	2153	W215325	Bergamot oil, Italy origin, rectified	19
2039	W23904	Allyl phenylacetate, ≥99%	12	2154	W215481	Birch oil, sweet	19
2040	W240045	Allyl propionate, ≥99%	12	2156	W215600	Bois de rose	20
2042	W24218	Allyl sulfide, ≥97%, FG	12	2158	W215805	Isoborneol, ≥95%	68
2043	W24307	Allyl tiglate, ≥97%	12	2159	W215902	Bornyl acetate, ≥97%	20
2045	W24501	Allyl isovalerate, ≥98%, FCC	11	2160	W216003	Isobornyl acetate, ≥90%	69
2046	W24600	Almond oil, bitter, FG, natural	12	2163	W216305	Isobornyl propionate, ≥92%	69
2050	W25001	Ambrette seed absolute	12	2169	W216900	Buchi leaf oil, Crenulata, FG, natural	20
2053	W25303	Ammonium sulfide solution, 20 wt. % in H ₂ O	13	2169	WS30345	Buchi leaf oil, Betulina, FG, natural	20
2055	W25508	Isoamyl acetate, ≥95%, 70% isoamyl acetate basis, FCC, FG	67	2170	W217018	2-Butanone, ≥99.5%, FCC, FG	21
2055	W25553	Isoamyl acetate, natural, ≥97%, FCC, FG	67	2174	W217409	Butyl acetate, ≥99%, FCC	21
2056	W25605	Amyl alcohol, ≥99%	13	2174	W217417	Butyl acetate, natural, ≥98%, FG	21
2057	W25702	Isoamyl alcohol, ≥98%	67	2175	W217506	Isobutyl acetate, ≥98%, FCC, FG	69
2057	W25710	Isoamyl alcohol, natural, ≥98%, FG	67	2175	W217514	Isobutyl acetate, natural, ≥97%, FCC, FG	69
2058	W25818	Isoamyl benzoate, ≥98%, FCC	67	2178	W217808	Butyl alcohol, ≥99.9%, FCC	21
2059	W25915	Amyl butyrate, mixture of isomers, ≥98%, FG	13	2178	W217816	Butyl alcohol, natural, ≥95%, FCC	21
2060	W26008	Isoamyl butyrate, ≥98%, FCC, FG	67	2179	W217905	Isobutyl alcohol, ≥99% FCC, FG	69
2060	W26016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67	2179	W217913	Isobutyl alcohol, natural, ≥99%, FCC	69
2061	W26105	α -Amylcinnamaldehyde, mixture of <i>cis</i> and <i>trans</i> , ≥97%	13	2180	W218006	Isobutyl angelate	69
2063	W26318	Isoamyl cinnamate, ≥97%	67	2181	W218103	Butyl anthranilate, ≥99%	21
2063	W26326	Isoamyl cinnamate, natural, ≥97%	67	2183	W218308	Butylated hydroxyanisole, ≥98.5%, FCC	21
2065	W26504	α -Amylcinnamyl alcohol, mixture with Amyl hydrocinnamyl alcohol	13	2184	W218405	Butylated hydroxytoluene, ≥99%, FCC	21
2068	W26806	Amyl formate, ≥95%, FG	13	2185	W218502	Isobutyl benzoate, ≥98%	69
2069	W26903	Isoamyl formate, mixture of isomers, ≥97%, FG	67	2186	W218618	Butyl butyrate, ≥98%, FCC, FG	22
2072	W27209	Amyl 2-furoate, ≥98%	13	2186	W218626	Butyl butyrate, natural, ≥98%, FCC	22
2074	W27403	Amyl hexanoate, ≥98%, FG	13	2187	W218707	Isobutyl butyrate, ≥98%, FCC, FG	69
2075	W27500	Isoamyl hexanoate, mixture of isomers, ≥98%, FCC, FG	67	2187	W218715	Isobutyl butyrate, natural, ≥98%, FCC	69
2075	W27519	Isoamyl hexanoate, mixture of isomers, natural, ≥98%	67	2188	W218804	Butyl isobutyrate, ≥97%, FCC	22
2077	W27705	Isoamyl laurate, ≥97%	68	2189	W218901	Isobutyl isobutyrate, ≥97%	70
2078	W27802	Isoamyl nonanoate, ≥96%	68	2190	W219002	Butyl butyryllactate, ≥98%, FCC	22
2079	W27918	N-Amyl octanoate, ≥98%	13	2190	W219010	Butyl butyryllactate, natural (US), ≥98%	22
2079	W27926	Amyl octanoate, mixture of isomers, ≥98%, FCC	13	2193	W219304	Isobutyl cinnamate, ≥98%, FCC, FG	69
2080	W28000	Isoamyl octanoate, ≥98%	68	2196	W219606	Butyl formate, ≥97%	22
2080	W28019	Isoamyl octanoate, natural, ≥98%	68	2197	W219703	Isobutyl formate, ≥95%, FG	69
2082	W28205	Isoamyl propionate, ≥98%, FCC	68	2199	W219908	Butyl heptanoate, ≥98%	22
2082	W28213	Isoamyl propionate, mixture of isomers, natural, ≥98%	68	2201	W220108	Butyl hexanoate, ≥98%	22
2083	W28302	Isoamyl pyruvate, ≥97%	68	2202	W220205	Isobutyl hexanoate, ≥98%	70
2084	W28418	Isoamyl salicylate, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%	68	2202	W220213	Isobutyl hexanoate, natural, ≥95%	70
2085	W28507	Isoamyl isovalerate, ≥98%, FCC	68	2203	W220302	Butyl 4-hydroxybenzoate, ≥99%	22
2085	W28515	Isoamyl isovalerate, natural, ≥98%, FCC	68	2205	W220507	Butyl (S)-(–)-lactate, ≥97%	23
2086	W28604	trans-Anethole, ≥99%, FCC	14	2206	W220604	Butyl laurate, ≥99%	23
2088	W28800	Angelica root oil, natural	14	2207	W220701	Butyl levulinate, ≥97%	23
2090	W209000	Angelica seed oil, natural	14	2208	W220841	α -Isobutylphenethyl alcohol, 98%	70
2094	W209417	Anise seed oil, Certified organic (NOP/EU)	14	2209	W220906	Butyl phenylacetate, ≥98%, FCC	23
2096	W209619	Anise stell oil	14	2210	W221007	Isobutyl phenylacetate, ≥98%, FCC	70
2096	W209624	Anise stell oil, Certified organic (NOP/EU)	14	2211	W221104	Butyl propionate	23
2097	W209708	Anisole, ≥99%, FCC	15	2212	W221201	Isobutyl propionate, ≥98%	70
2098	W209805	Anisyl acetate, ≥97%, FCC	15	2213	W221309	Isobutyl salicylate, ≥98%, FCC	70
2099	W209902	Anisyl alcohol, ≥98%, FCC, FG	15	2215	W221503	Butyl sulfide, ≥95%	23
2099	W209910	Anisyl alcohol, natural, ≥98%, FG	15	2216	W221600	Butyl 10-undecenate, ≥98%	23
2101	W210102	Anisyl formate, ≥90%, FCC, FG	15	2217	W221708	Butyl valerate, ≥98%	23
2102	W210218	Anisyl propionate, ≥98%	15	2218	W221805	Butyl isovalerate, ≥98%, FCC, FG	23
2113	W211300	Balm leaves oil, natural	16	2219	W221902	Butyraldehyde, ≥98%	24
2116	W211613	Peru balsam	106	2219	W221910	Butyraldehyde, natural, ≥95%	24
2117	W211710	Peru balsam oil	106	2220	W222003	Isobutylaldehyde, ≥98%	70
2119	W211901	Basil oil, methyl chavicol type, FG, natural	16	2220	W222011	Isobutylaldehyde, natural, 96%, FG	70
2119	W211907	Basil oil, comoric type	16	2221	W222100	Butyric acid, ≥99%	24
2120	W212000	Basil extract, linalool type, FG, natural	16	2221	W222119	Butyric acid, natural, ≥99%, FCC, FG	24
2122	W212202	Bay oil	16	2222	W222208	Isobutyrlic acid, ≥99%	70
			2222	W222216	Isobutyrlic acid, natural, ≥99%, FCC	70	
			2223	W222305	Tributyrin, 97%, FG	125	
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2231	W223115	Camphor white oil	24	2380	W238007	L-Dihydrocarvyl acetate, mixture of isomers, ≥95%	35
2232	W223204	Canaga oil	24	2381	W238104	Dihydrocoumarin, ≥99%, FCC, FG	35
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2241	W224111	Cardamom oil, FCC	25	2385	W238503	1,3-Dimethoxybenzene, ≥98%, FG	36
2241	W224123	Cardamom oil, Certified organic (NOP/EU)	25	2386	W238600	1,4-Dimethoxybenzene, 99%	36
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2245	W224502	Carvacrol, ≥98%, FCC	25	2391	W239100	3,7-Dimethyl-1-octanol, ≥98%, FCC	39
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2249	W224901	L-Carvone, ≥97%, FCC	25	2396	W239607	Dimethyl succinate, 98%	40
2249	W224928	β-Carvone, ≥96%	25	2397	W239704	1,3-Diphenyl-2-propanone, ≥98%, FG	40
2250	W225002	(-) -Carvyl acetate, mixture of cis and trans, ≥98%, FCC, FG	26	2399	W239901	Sodium phosphate dibasic, ≥99%	119
2251	W225118	(-) -Carvyl propionate, ≥97%	26	2400	W240001	γ-Dodecalactone, ≥97%, FCC	41
2252	W225207	β-Caryophyllene, ≥80%, FCC, FG	26	2401	W240109	δ-Dodecalactone, ≥98%, FCC, FG	41
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2291	W229140	Cinnamon bark oil, Certified organic (NOP/EU)	27	2421	W242101	Ethyl 2-aminobenzoate, ≥96%, FCC	42
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2292	W229208	Cinnamon leaf oil, Certified organic (NOP/EU)	27	2422	W242217	Ethyl benzoate, natural, ≥99%, FCC	43
2292	W229210	Cinnamon leaf oil, Ceylon origin, FCC	27	2425	W242500	2-Ethylbutyl acetate, ≥98%	44
2293	W229318	Cinnamyl acetate, ≥98%, FCC	28	2427	W242705	Ethyl butyrate, ≥98%, FCC	44
2294	W229407	Cinnamyl alcohol, ≥98%	28	2427	W242713	Ethyl butyrate, natural, ≥98%, FCC	44
2296	W229601	trans-Cinnamyl butyrate, ≥96%, FCC	28	2428	W242802	Ethyl isobutyrate, ≥98%, FCC, FG	46
2297	W229709	Cinnamyl isobutyrate, ≥97%, FCC	28	2428	W242810	Ethyl isobutyrate, natural, ≥98%, FCC	47
2298	W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28	2429	W242918	2-Ethylbutyric acid, ≥98%, FCC	44
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2302	W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28	2431	W243108	Ethyl cyclohexanepropionate, ≥99%	44
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2307	W230707	(±)-Citronellal, ≥80%	29	2436	W243604	4-Ethyguaiacol, ≥98%, FCC, FG	45
2307	W230715	(±)-Citronellal, natural, ≥85%, FCC	29	2437	W243701	Ethyl heptanoate, ≥98%, FCC, FG	45
2308	W230804	Citronella oil, Chinese 85/35	29	2437	W243728	Ethyl heptanoate, natural, ≥98%, FCC	45
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2308	W230840	Citronella oil, Java, Certified organic (NOP/EU)	29	2439	W243914	Ethyl hexanoate, natural, ≥98%, FCC, FG	45
2309	W230901	Citronellol, ≥95%, FCC	29	2440	W244007	Ethyl lactate, ≥98%, FCC, FG	47
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2323	W232314	Clove bud oil, Certified organic (NOP/EU)	30	2447	W244708	Ethyl nonanoate, ≥98%, FCC, FG	48
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2334	W233404	Coriander oil, FCC	30	2451	W245100	Ethyl palmitate, ≥95%, FG	49
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2337	W233706	p-Cresol, ≥98%	31	2452	W245208	Ethyl phenylacetate, ≥98%, FCC	49
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2346	W234605	Cassis bourgens absolute	26	2456	W245607	Ethyl propanoate, ≥97%, FCC, FG	50
2347	W234702	Cyclohexaneacetic acid, ≥98%	31	2456	W245615	Ethyl propanoate, natural, ≥97%, FCC, FG	50
2349	W234907	Cyclohexyl acetate, ≥98%, FG	31	2457	W245704	Ethyl pyruvate, ≥97%	50
2351	W235105	Cyclohexyl butyrate, ≥98%	31	2457	W245712	Ethyl pyruvate, natural, ≥95%	50
2354	W235407	Cyclohexyl propionate, ≥99%	32	2458	W245801	Ethyl salicylate, ≥99%, FCC	50
2355	W235504	Cyclohexyl isovalerate, ≥98%	32	2459	W245909	Ethyl sorbate, ≥97%	50
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2360	W236012	(+)-γ-Decalactone, natural, ≥97%, FG	32	2462	W246215	Ethyl valerate, natural (US), ≥98%, FG	51
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2361	W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33	2463	W246328	Ethyl isovalerate, natural, ≥98%, FCC, FG	47
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2487	W248703	Formic acid, FCC, FG	53	2620	W262000	Lavender absolute, natural	74
2488	W248800	Fumaric acid, ≥99%, FCC	53	2622	W262218	Lavender oil 40/42% fleurs	74
2489	W248908	Furfural, ≥98%, FCC	53	2622	W262235	Lavender oil, Certified organic (NOP/EU)	74
2489	W248924	Furfural, natural, ≥98%, FCC	53	2624	W262404	Lemongrass oil, East Indian, natural	75
2490	W249009	Furfuryl acetate, ≥98%, FG	53	2624	W262440	Lemongrass oil, Certified organic (NOP/EU)	74
2490	W249017	Furfuryl acetate, natural, ≥98%	53	2625	W262501	Lemon oil, rectified, Argentina origin	75
2491	W249106	Furfuryl alcohol, ≥98%	53	2625	W262528	Lemon oil, cold-pressed, California origin	75
2493	W249300	Furfuryl mercaptan, ≥97%, FG	54	2625	W262533	Lemon oil, Certified organic (NOP/EU)	75
2494	W249408	3-(2-Furyl)acrolein, ≥99%	54	2626	W262600	Lemon oil, terpeneless, FG, natural	75
2501	W250104	Galbanum oil	54	2627	W262706	Levulinic acid, ≥97%, FG	75
2503	W250309	Garlic oil, Chinese, FCC	55	2631	W263109	Lime oil, purified by distillation, FCC, Mexico origin	75
2504	W250406	Genet absolute, natural	55	2631	W263117	Lime oil, expressed, Mexico or Tahiti origin	75
2505	W250500	Genet extract, FG, natural	55	2633	W263303	(R)-(+)-Limonene, ≥93%	75
2507	W250708	Geraniol, ≥97%, FCC, FG	55	2635	W263508	Linalool, ≥97%, FCC, FG	75
2507	W250716	Geraniol, natural, ≥97%	55	2635	W263516	l-Linalool, natural, ≥80%	76
2508	W250813	Geranium oil, Chinese, natural	55	2636	W263605	Linalyl acetate, ≥97%, FCC	76
2509	W250902	Geranyl acetate, FCC, FG	55	2636	W263613	Linalyl acetate, natural, ≥80%	76
2509	W250910	Geranyl acetate, FCC, natural	55	2638	W263818	Linalyl benzoate, ≥95%	76
2512	W251208	Geranyl butyrate, FCC	55	2639	W263907	Linalyl butyrate, ≥93%	76
2512	W251216	Geranyl butyrate, natural	55	2642	W264202	Linalyl formate, FCC	76
2514	W251402	Geranyl formate, FCC	55	2645	W264504	Linalyl propionate, ≥92%, FCC, FG	76
2516	W251607	Geranyl phenylacetate, FCC	56	2646	W264601	Linalyl isovalerate, ≥95%	76
2517	W251704	Geranyl propionate, FCC	56	2651	W265101	Lovage oil	76
2517	W251712	Geranyl propionate, natural	56	2655	W265501	D,L-Malic acid, ≥99%	77
2518	W251801	Geranyl isovalerate, ≥95%, FG	56	2656	W265608	Maltol, FCC, FG	77
2521	W252108	Ginger extract, natural	56	2656	W265616	Maltol solution, 1 wt. % in benzyl alcohol	77
2522	W252204	Ginger oil, FCC, FG, natural	56	2656	W265624	Maltol, natural, FG	77
2525	W252506	Glycerol, >99%, FCC	56	2657	W265713	Mandarin oil, Italian, FCC	77
2530	W253006	Grapefruit oil, Florida	56	2657	W265721	Mandarin oil, Argentina	77
2532	W253200	Guaiacol, natural, ≥98%, FG	56	2657	W265734	Mandarin green oil, Certified organic (NOP/EU)	77
2534	W253405	Guaiac wood oil	57	2663	W266309	Marjoram oil, sweet, Certified organic (NOP/EU)	77
2535	W253502	Guaiacyl phenylacetate, ≥98%	57	2664	W266418	(S)(-)-Perillyl alcohol, ≥90%, FG	106
2539	W253901	γ-Heptalactone, ≥98%, FCC, FG	57	2665	W266507	D,L-Menthol, FCC	78
2540	W254002	Heptanal, ≥92%, FCC	57	2665	W266523	l-Menthol, natural, ≥99%, FCC	78
2542	W254201	1,1-Dimethoxyheptane, ≥97.5%	36	2665	W266590	l-Menthol, ≥99%, FCC	78
2543	W254304	2,3-Tetanedione, ≥97%, FG	57	2667	W266701	l-Menthone, mixture of isomers, ≥96%, FCC	78
2544	W254401	2-Heptanone, ≥98%, FCC, FG	58	2668	W266809	D,L-Methyl acetate, ≥97%, FCC	78
2545	W254509	3-Heptanone, 96%	58	2668	W266825	D,L-Methyl acetate, natural, ≥98%, FCC	78
2546	W254606	4-Heptanone, ≥97%	58	2669	W266906	Methyl isovalerate, ≥98%, FG	78
2547	W254703	Heptyl acetate, ≥98%, FG	58	2670	W267007	p-Anisaldehyde, ≥97.5%, FCC	14
2547	W254711	Heptyl acetate, natural, ≥98%	58	2671	W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79
2548	W254800	Heptyl alcohol, ≥97%, FCC	58	2671	W267112	2-Methoxy-4-methylphenol, natural, 97%	79
2549	W254908	Heptyl butyrate, ≥98%	58	2672	W267201	4-(4-Methoxyphenyl)-2-butanoate, ≥98%, FCC, FG	80
2552	W255203	Heptyl formate, ≥98%	59	2674	W267406	1-(<i>o</i> -Methoxyphenyl)-2-propanone, ≥97%	81
2554	W255408	1-Hexadecanol, ≥99%	59	2675	W267511	2-Methoxy-4-vinylphenol, ≥98%	81
2555	W255505	ω-6-Hexadecenolactone, ≥98%	59	2676	W267600	Methyl acetate, ≥98%	81
2556	W255602	γ-Hexalactone, ≥98%, FCC, FG	59	2676	W267619	Methyl acetate, natural (US)	81
2557	W255718	Hexanal, ≥97%, FCC, FG	60	2677	W267708	4'-Methylacetophenone, ≥95%, FCC, FG	81
2557	W255726	Hexanal, natural, ≥95%, FG	60	2679	W267902	Methyl <i>p</i> -anisate, ≥99%	81
2557	W255734	Hexanal, natural, ≥90%	60	2680	W268003	2-Methylanisole, ≥99%	81
2558	W255807	2,3-Hexanedione, ≥93%, FG	60	2681	W268100	4-Methylanisole, ≥99%, FCC	82
2559	W255904	Hexanoic acid, ≥98%, FCC, FG	60	2682	W268208	Methyl anthranilate, ≥98%, FCC, FG	82
2559	W255912	Hexanoic acid, natural, ≥98%, FCC, FG	60	2682	W268216	Methyl anthranilate, natural (US), ≥99%, FG	82
2560	W256005	trans-2-Hexen-1-al, ≥95%, FCC, FG	60	2683	W268305	Methyl benzoate, ≥98%, FCC	82
2560	W256110	trans-2-Hexen-1-al, natural, FG	60	2683	W268313	Methyl benzoate, natural, ≥98%, FCC	82
2561	W256102	cis-3-Hexenol solution, 50% in triacetin, FG	60	2684	W268402	α-Methylbenzyl acetate, ≥98%, FCC	82
2562	W256218	cis-2-Hexen-1-ol, ≥96%, FCC, FG	61	2685	W268518	α-Methylbenzyl alcohol, ≥99%, FCC	82
2563	W256307	cis-3-Hexen-1-ol, ≥98%, FCC	61	2686	W268607	α-Methylbenzyl butyrate, ≥99%	82
2563	W256323	cis-3-Hexen-1-ol, natural, >98%, FCC, FG	61	2689	W268909	α-Methylbenzyl propionate, ≥98%	82
2564	W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62	2690	W269018	Methyl <i>p</i> -tert-butylphenylacetate, ≥95%, FG	84
2565	W256501	Hexyl acetate, ≥98%, FCC, FG	63	2691	W269107	2-Methylbutyraldehyde, ≥90%	84
2565	W256528	Hexyl acetate, natural, ≥98%, FCC	63	2692	W269204	Isovaleraldehyde, ≥97%	73
2567	W256706	Hexyl alcohol, ≥98% FCC	63	2692	W269212	Isovaleraldehyde, natural, ≥95%	73
2567	W256714	Hexyl alcohol, natural, ≥98%, FCC, FG	63	2693	W269301	Methyl butyrate, ≥98%, FG	84
2568	W256803	Hexyl butyrate, ≥98%, FG	63	2693	W269328	Methyl butyrate, natural, ≥98%, FG	84
2568	W256811	Hexyl butyrate, natural, ≥98%	63	2694	W269409	Methyl isobutyrate, ≥98.5%	88
2569	W256900	α-Hexylcinnamaldehyde, ≥95%	64	2695	W269506	2-Methylbutyric acid, ≥98%, FG	84
2570	W257001	Hexyl formate, ≥97%	64	2695	W269514	(<i>±</i>)-2-Methylbutyric acid, natural, ≥98%, FG	84
2572	W257206	Hexyl hexanoate, ≥97%, FG	64	2697	W269700	α-Methylcinnamaldehyde, ≥97%, FCC	84
2572	W257215	Hexyl hexanoate, natural (US), ≥97%, FG	64	2698	W269808	Methyl <i>trans</i> -cinnamate, ≥98%, FCC, FG	85
2575	W257508	Hexyl octanoate, ≥97%	64	2698	W269816	Methyl cinnamate, natural, ≥98%, FCC	85
2576	W257605	Heptyl propionate, ≥97%, FG	64	2699	W269905	6-Methylcoumarin, ≥99%, FCC, FG	85
2576	W257615	Heptyl propionate, natural (US), ≥97%, FG	64	2700	W270008	Methyl cyclopentenolone, 98%, FCC, FG	85
2583	W258318	Hydroxycitronellal, ≥95%, FCC	65	2700	W270015	Methyl cyclopentenolone, FG, natural (US)	85
2585	W258504	Hydroxycitronellal dimethyl acetal, ≥95%, FCC	65	2702	W270202	5-Methylfurfural, ≥98%	86
2588	W258806	4-(4-Hydroxyphenyl)-2-butanonate, ≥98%, FCC	66	2703	W270318	Methyl 2-furoate, ≥98%	86
2588	W258814	4-(4-Hydroxyphenyl)-2-butanonate, natural (US), ≥98%, FCC, FG	66	2705	W270504	Methyl heptanoate, ≥99%	86
2591	W259105	Hysop oil, Certified organic (NOP/EU)	66	2706	W270601	2-Methylheptanoic acid, ≥97%	87
2592	W259200	Immortelle absolute, natural	66	2707	W270709	6-Methyl-5-hepten-2-one, ≥98%, FCC	87
2593	W259306	Indole, ≥99%, FCC	66	2707	W270733	6-Methyl-5-hepten-2-one, natural, ≥98%, FCC	87
2594	W259403	α-Ionone, ≥90%, FG	66	2708	W270806	Methyl hexanoate, ≥99%, FG	87
2594	W259411	α-Ionone, natural (US), ≥84%, FG	66	2708	W270814	Methyl hexanoate, natural, ≥99%	87
2595	W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67	2710	W271004	Methyl 4-hydroxybenzoate, ≥99%, FCC	87
2598	W259802	Jasmin absolute, Morocco origin	73	2715	W271500	Methyl laurate, ≥98%	88
2600	W260000	Jasmin extract, FG, natural	73	2717	W271705	Methyl 2-methoxybenzoate, ≥97%	88
2604	W260401	Juniper berry oil, FCC	73	2718	W271802	Dimethyl antranilate, ≥97%	37
2604	W260404	Juniper berry oil, Certified organic (NOP/EU)	73	2718	W271810	Dimethyl antranilate, natural, ≥98%	37
2611	W261106	Lactic acid, 85%, FCC	74	2719	W271918	Methyl 2-methylbutyrate, ≥98%, FCC	88
2611	W261114	Lactic acid, natural, ≥85%	74	2719	W271926	Methyl 2-methylbutyrate, natural, ≥98%, FCC, FG	88
2614	W261408	Lauric acid, ≥98%, FCC, FG	74	2720	W272000	Methyl 3-(methylthio)propanoate, ≥98%, FG	89
2614	W261416	Lauric acid, natural, ≥98%, FCC	74	2721	W272108	Methyl 4-methylvalerate, ≥97%	89
2615	W261505	Lauric aldehyde, ≥95%, FCC	74	2722	W272205	Methyl myristate, ≥98%	89
2615	W261513	Lauric aldehyde, natural, ≥95%, FCC, FG	74	2723	W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89
2615	W261513	Lauric aldehyde, natural, ≥95%, FCC, FG	74	2724	W272418	Methyl nonanoate, ≥97%	89

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2726	W272604	Methyl 2-nonynoate, 99%	90	2860	W286001	Phenethyl benzoate, ≥99%	107
2728	W272809	Methyl octanoate, 99%	90	2861	W286109	Phenethyl butyrate, ≥98%, FCC	107
2729	W272906	Methyl 2-octynoate, ≥99%, FCC, FG	90	2862	W286206	Phenethyl isobutyrate, ≥98%, FCC	107
2731	W273104	4-Methyl-2-pentanone, ≥99%, FCC	91	2863	W286303	Phenethyl cinnamate, ≥96%	107
2732	W273201	2-Phenyl-1-propanol, ≥97%	110	2864	W286400	Phenethyl formate, ≥96%	107
2733	W273309	Methyl phenylacetate, ≥98%, FCC	92	2865	W286508	Phenethyl 2-furoate, ≥98%	107
2740	W274003	4-Methyl-1-phenyl-2-pentanone, ≥92%, FG	92	2866	W286605	Phenethyl phenylacetate, ≥98%, FCC	107
2742	W274208	Methyl propionate, ≥98%	92	2867	W286702	Phenethyl propionate, ≥98%, FG	107
2743	W274305	2-Methyl-3-(<i>o</i> -isopropylphenyl)propionaldehyde, ≥90%, FCC	88	2868	W286818	Phenethyl salicylate, ≥97%	108
2744	W274402	6-Methylquinoline, ≥98%, FG	93	2870	W287008	Phenethyl tiglate, ≥94%	108
2745	W274518	Methyl salicylate, ≥98%, FCC	93	2871	W287105	Phenethyl isovalerate, ≥98%, FCC, FG	107
2746	W274615	Dimethyl sulfide, redistilled, ≥99%, FCC	40	2873	W287318	2-Phenoxyethyl isobutyrate, ≥97%, FCC	108
2746	W274623	Dimethyl sulfide, natural, ≥99%, FCC, FG	40	2874	W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108
2746	W274658	Dimethyl sulfide, redistilled, ≥99%	40	2874	W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108
2747	W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95	2876	W287601	Phenylacetaldehyde dimethyl acetal, ≥98%, FCC	108
2752	W275204	Methyl valerate, ≥99%	95	2878	W287806	Phenylacetic acid, ≥99%, FCC	108
2753	W275301	Methyl isovalerate, ≥99%	88	2878	W287814	Phenylacetic acid, natural, ≥99%	108
2754	W275409	2-Methylpentanoic acid, ≥98%, FCC, FG	91	2879	W287901	4-Phenyl-2-butanol, ≥96.5%	109
2755	W275506	Mimosa absolute, Moroccan	96	2881	W288101	Benzylideneacetone, ≥99%	18
2762	W276200	Myrcene, ≥90%, FCC, FG	96	2883	W288306	1-Phenyl-3-methyl-3-pentanol, ≥98%	109
2764	W276405	Myristic acid, FCC, FG	96	2884	W288403	1-Phenyl-1-propanol, ≥97%	109
2764	W276413	Myristic acid, natural, FCC	96	2885	W288500	3-Phenyl-1-propanol, ≥98%, FCC	110
2766	W276618	Myrrh oil	96	2886	W288608	2-Phenylpropionaldehyde, ≥95%, FCC, FG	110
2768	W276804	Nerolin bromelia	97	2887	W288705	Hydrocinnamaldehyde, ≥90%, FCC	65
2770	W277002	Nerol, FCC, ≥97%	96	2888	W288802	2-Phenylpropionaldehyde dimethyl acetal, ≥97%, FCC	110
2771	W277126	Neroli oil, Morocco, FG	97	2889	W288918	3-Phenylpropionic acid, 99%	110
2772	W277207	Nerolidol, mixture of <i>cis</i> and <i>trans</i> , FCC	97	2890	W289000	3-Phenylpropyl acetate, ≥98%, FCC	110
2773	W277304	Neryl acetate, ≥98%, FCC, FG	97	2891	W289108	2-Phenylpropyl butyrate, ≥98%	110
2774	W277401	Neryl butyrate, ≥90%	97	2892	W289205	2-Phenylpropyl isobutyrate, ≥97%	110
2775	W277509	Neryl isobutyrate, ≥97%	97	2893	W289302	3-Phenylpropyl isobutyrate, ≥98%	110
2778	W277800	Neryl isovalerate, ≥92%	97	2897	W289701	3-Phenylpropyl propionate, ≥97%	110
2780	W278009	<i>trans</i> -2,cis-6-Nonadien-1-ol, ≥95%, FCC, FG	98	2899	W289906	3-Phenylpropyl isovalerate, ≥99%	110
2781	W278106	γ-Nonanoic lactone, ≥98%, FCC	98	2900	W290017	Phosphoric acid solution, 85 wt. % in H ₂ O	111
2782	W278203	Nonanal, ≥95%, FCC	98	2901	W290106	Pimenta leaf oil	111
2783	W278300	1,3-Nonanediol acetate, mixed esters, ≥80%	98	2902	W290203	(−)-α-Pinene, ≥98%, FCC	111
2784	W278408	Nonanoic acid, ≥96%	98	2902	W290238	(1 <i>R</i>)-(+) -α-Pinene, ≥97%	111
2785	W278505	2-Nonanone, ≥99%	98	2903	W290300	(−)-β-Pinene, ≥97%, FCC	111
2785	W278513	2-Nonanone, natural, ≥97%, FCC	98	2905	W290500	Pine needle oil, natural	111
2788	W278807	Nonyl acetate, FCC	99	2908	W290807	Piperidine, ≥99%, FCC	112
2789	W278904	Nonyl alcohol, ≥98%, FCC	99	2909	W290904	Piperine, ≥97%, FG	112
2793	W279307	Nutmeg oil, FCC	99	2911	W291102	Piperonal, ≥99%, FCC, FG	112
2796	W279609	γ-Octalactone, ≥97%, FCC, FG	100	2912	W291218	Piperonyl acetate, ≥99%	112
2796	W279617	γ-Octalactone, natural, ≥97%, FG	100	2913	W291307	Piperonyl isobutyrate, ≥98%	112
2797	W279706	Octanal, ≥92%, FCC	100	2915	W291501	Polysorbate 20	112
2797	W279714	Octanal, natural, ≥92%, FCC	100	2916	W291609	Polysorbate 60	112
2798	W279801	1,1-Dimethoxyoctane, 97%	36	2917	W291706	Polysorbate 80	112
2799	W279900	Octanoic acid, ≥98%, FG	100	2920	W292001	Potassium acetate, 98%	112
2799	W279927	Octanoic acid, natural, ≥98%	100	2922	W292206	Propenyl gaueithol, ≥99%, FCC	113
2800	W280003	1-Octanol, ≥98%, FCC, FG	100	2923	W292303	Propionaldehyde, ≥97%	113
2800	W280011	1-Octanol, natural, ≥98%, FCC	100	2924	W292400	Propionic acid, ≥99.5%, FCC, FG	113
2801	W280100	2-Octanol, ≥97%	100	2924	W292419	Propionic acid, natural, 99%, FG	113
2802	W280208	2-Octanone, ≥98%	100	2924	W292443	Propionic acid, ≥99.5%	113
2803	W280305	3-Octanone, ≥98%, FG	101	2924	W292451	Propionic acid, feed grade, 98.7%	113
2805	W280518	1-Octen-3-ol, ≥98%, FCC, FG	101	2925	W292508	Propyl acetate, ≥98%	113
2806	W280607	Octyl acetate, ≥98%, FCC, FG	102	2925	W292516	Propyl acetate, natural, ≥97%, FCC, FG	113
2806	W280615	Octyl acetate, natural, ≥98%, FCC	102	2926	W292605	Isopropyl acetate, ≥99%, FCC	.71
2807	W280704	Octyl butyrate, ≥98%, FG	102	2928	W292818	1-Propanol, ≥99%	113
2807	W280712	Octyl butyrate, natural (US), ≥95%	102	2928	W292826	1-Propanol, natural, ≥98%	113
2808	W280801	Octyl isobutyrate, ≥98%, FCC	102	2929	W292907	Isopropyl alcohol, ≥99.7%, FCC	71
2809	W280909	Octyl formate, ≥97%, FCC	102	2930	W293008	ρ-Propyl anisole, ≥99%, FCC, FG	113
2811	W281107	Octyl octanoate, ≥98%	102	2933	W293318	4-Isopropylbenzyl alcohol, ≥97%	.71
2813	W281301	Octyl propionate, ≥99%	102	2934	W293407	Propyl butyrate, ≥98%	114
2814	W281409	Octyl isovalerate, ≥98%	102	2934	W293415	Propyl butyrate, natural, ≥95%	114
2815	W281506	Oleic acid, FCC, natural, FG	102	2935	W293504	Isopropyl butyrate, ≥98%	72
2816	W281611	Olibanum oil	102	2936	W293601	Propyl isobutyrate, ≥97%	114
2816	W281623	Frankincense oil, Certified organic (NOP/EU)	53	2939	W293903	Isopropyl cinnamate, ≥96%, FG	72
2817	W281719	Onion oil, Dutch	103	2940	W294004	Propylene glycol, ≥99.5%, FCC	114
2817	W281794	Onion oil, Mexican	103	2943	W294306	Propyl formate, ≥97%	114
2818	W281800	Orange flower absolute, natural	103	2944	W294401	Isopropyl formate, 98%	72
2824	W282401	Orange oil, sweet, Certified organic (NOP/EU)	103	2947	W294705	Propyl gallate, FCC, ≥98%	114
2825	W282510	Orange oil, cold-pressed, California origin	103	2949	W294918	Propyl hexanoate, ≥98%	114
2825	W282529	Orange oil, Florida origin	103	2949	W294926	Propyl hexanoate, natural, ≥90%	114
2825	W282537	Orange oil, cold-pressed, Brazil origin	103	2951	W295101	Propyl 4-hydroxybenzoate, ≥99%	114
2828	W282812	Origanum oil, FCC	103	2952	W295204	3-Propylideneephthalide, ≥96%	114
2829	W282928	Orris concrete	103	2956	W295604	Isopropyl phenylacetate, ≥99%	73
2831	W283109	Palmarosa oil, Certified organic (NOP/EU)	104	2958	W295809	Propyl propionate, ≥98%, FCC	116
2832	W283207	Palmitic acid, FCC, FG	104	2958	W295811	Propyl propionate, natural (US), ≥98%, FCC	116
2836	W283606	Parsley oil, FCC	104	2962	W296236	(−)-Isopulegol, ≥99%	73
2838	W283800	Patchouli oil	104	2963	W296303	(R)-(−)-Pulegone, ≥85%	116
2838	W283823	Patchouli oil, Certified organic (NOP/EU)	104	2965	W296503	Isopulegyl acetate, mixture of isomers, ≥95%	.73
2840	W284009	ω-Pentadecalactone, ≥98%	104	2966	W296600	Pyridine, ≥99%	116
2842	W284203	2-Pentanone, ≥98%, FCC	105	2967	W296708	Pyroligneous acid	116
2843	W284300	4-Pentenoic acid, ≥98%, FG	105	2969	W296902	Pyruvaldehyde solution, 40 wt. % in H ₂ O	116
2845	W284505	Black pepper oil	20	2970	W297003	Pyruvic acid, ≥97%	116
2848	W284807	Peppermint oil, purified by redistillation, FCC	106	2976	W297607	Quinine monohydrochloride dihydrate, 90%	117
2848	W284815	Peppermint oil, FCC	106	2980	W298018	Rhodinol, mixture of L-citronellol and geraniol, FCC	117
2848	W284823	Peppermint oil, purified by triple-distillation, FCC	106	2988	W298816	Rose absolute, Moroccan	117
2848	W284831	Peppermint oil, terpeneless, FCC	106	2992	W299200	Rosemary oil, FCC	117
2848	W284843	Peppermint oil, Certified organic (NOP/EU)	106	2992	W299225	Rosemary oil, Certified organic (NOP/EU)	117
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2857	W285706	Phenethyl acetate, ≥98%, FCC	106	3001	W300100	Sage oil, Certified organic (NOP/EU)	117
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2858	W285803	Phenethyl alcohol, ≥99%, FCC, FG	106	3004	W300403	Salicylaldehyde, ≥98%	118
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3029	W302902	o-Sorbitol, ≥98%, FCC	119	3165	W316504	trans-2-Heptenal, ≥95%	.58
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3033	W303305	Spike lavender oil	119	3171	W317101	cis-3-Hexenyl acetate, ≥98%, FCC, FG	.62
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3038	W303801	Sucrose octaacetate, ≥97%	120	3172	W317215	Hexyl isobutyrate, natural (US), ≥97%, FG	.64
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3044	W304401	DL-Tartaric acid, ≥99%	121	3174	W317454	4-Hydroxy-2,5-dimethyl-3(2H)-furanone, natural, ≥98%, FG	.65
3044	W304409	L-(+)-Tartaric acid, ≥99.7%, FCC, FG	121	3177	W317705	p-Mentha-8-thiol-3-one, mixture of cis and trans, ≥94%, FG	.77
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3045	W304522	α-Terpineol, natural	121	3180	W318000	2-Mercaptopropionic acid, ≥95%	.79
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3068	W306801	o-Tolualdehyde	124	3208	W320803	5-Methyl-2-thiophenecarboxaldehyde, ≥98%	.95
3068	W306802	m-Tolualdehyde	124	3209	W320900	trans,trans-2,4-Nonadienol, ≥85%	.97
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3077	W307718	p-Tolyl phenylacetate, ≥99%	124	3218	W321818	trans-2-Pentenal, ≥95%, FG	.105
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3352	W335207	4-Hexen-3-one, ≥92%	61	3503	W350303	2,3,10-Mercaptocpinane, mixture of isomers, 95%	79
3353	W335304	cis-3-Hexenyl formate, ≥94%	62	3505	W350508	3-Methylbutyl 2-methylbutanoate, ≥98%	84
3354	W335401	Hexyl trans-2-butenoate, ≥95%, FCC	63	3505	W350516	3-Methylbutyl 2-methylbutanoate, natural, 70% 3-methylbutyl-2-methylbutanoate basis	84
3356	W335606	6-Nonalactone, 98%, FCC, FG	98	3506	W350605	2-Methylbutyl isovalerate, ≥98%, FCC	83
3358	W335800	2-Methoxy-3(5 or 6)-isopropylpyrazine, ≥98%	80	3506	W350613	2-Methylbutyl isovalerate, natural, ≥98%, FCC	83
3359	W335908	2-Methylbutyl 2-methylbutyrate, ≥90%, FG	84	3507	W350702	Isoamyl isobutyrate, ≥98%, FG	67
3359	W335916	2-Methylbutyl 2-methylbutyrate, natural, ≥98%	84	3507	W350710	Isoamyl isobutyrate, natural, 98%, 70% isoamyl isobutyrate basis	67
3360	W336009	3-Methyl-2-cyclohexenone, ≥98%	85	3508	W350818	Methyl 3-hydroxyhexanoate, ≥97%, FG	67
3362	W336203	Methyl furfuryl disulfide, ≥95%, FG	86	3511	W351105	2-Methyl-4-pentenoic acid, ≥98%	91
3364	W336408	Methyl trans-3-hexenoate, 98%	87	3512	W351207	2-Methyltetrahydrothiophen-3-one, ≥97%	94
3365	W336501	5-Methyl-5-hexen-2-one, 99%	87	3513	W351318	1,9-Nonanediol, ≥95%	98
3368	W336807	4-Methyl-3-penten-2-one, ≥90%	92	3514	W351407	1,8-Octanedithiol, ≥97%	100
3372	W337218	2-(1-Methylpropyl)thiazole, ≥98%	93	3515	W351504	1-Octen-3-one solution, 50 wt. % in 1-octen-3-ol, FG	101
3373	W337307	2-Methyltetrahydrofuran-3-one, ≥97%, FG	94	3521	W352101	Propyl mercaptan, ≥98%	114
3374	W337404	3-(Methylthio)butanal, ≥96%, FG	94	3522	W352209	2-Propylphenoxy, ≥97%	115
3375	W337501	4-Methylthio-2-butanoate, ≥97%	94	3523	W352316	Pyrrolidine, ≥99%	116
3376	W337609	4-Methylthio-4-methyl-2-pentanone, ≥98%	95	3524	W352403	3,5,5-Trimethylhexanal, ≥95%	126
3377	W337706	trans-2,cis-6-Nonadienal, mixture of isomers, ≥96%, FCC	97	3527	W352705	3-Acetyl-2,5-dimethylthiophene, ≥99%	9
3379	W337900	trans-2-Nonen-1-ol, ≥96%, FCC	99	3530	W353000	m-Cresol, ≥99%	31
3380	W338001	Linoleic acid, ≥99%	76	3531	W353108	Cyclohexanecarboxylic acid, ≥98%	31
3382	W338206	Ethyl vinyl ketone, ≥95%, FG	51	3532	W353205	3-Decen-2-one, predominantly trans, ≥97%	34
3383	W338303	2-Pentylpyridine, ≥97%	105	3536	W353604	Dimethyl disulfide, ≥98%	38
3386	W338605	Pyrrole, ≥98%, FCC	116	3537	W353701	2,6-Dimethyl-4-heptanone, ≥99%	38
3388	W338818	2-Tridecanone, ≥96%	125	3540	W354007	2,6-Dimethylpyridine, ≥99%	39
3389	W338907	Safranal, ≥88%, FG	118	3542	W354201	6,10-Dimethyl-5,9-undecadien-2-one, ≥97%, FG	40
3390	W339008	Fenethyl acetate, mixture of α- and β-, ≥96%	52	3543	W354309	Ethylene brassyate, ≥95%	45
3391	W339105	3-Acetyl-2,5-dimethylfuran, ≥99%, FCC	9	3545	W354503	Ethyl 3-hydroxyhexanoate, ≥98%, FG	46
3393	W339315	Butyl 2-methylbutyrate, natural (US), ≥98%, FG	23	3546	W354600	5-Ethyl-2-methylpyridine, ≥96%	48
3393	W339318	Butyl 2-methylbutyrate, ≥97%, FG	23	3547	W354708	3-Heptanol, ≥98%	58
3394	W339407	3-Ethylpyridine, ≥98%, FG	50	3548	W354805	2'-Hydroxyacetophenone, ≥98%	65
3395	W339504	(1R,(-)-Myrtenal, ≥97%	96	3553	W355305	Isporone, ≥97%	71
3397	W339709	Furfuryl pentanoate, ≥97%	54				
3398	W339806	Glyceryl tribenzoate, 95%	56				

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3555	W355518	2-Isopropyl-4-methylthiazole, ≥98%, FG	72	3723	W372307	2-Oxobutyric acid, ≥97%	103
3556	W355690	Isopropyl myristate, ≥98%	72	3724	W372404	2-Pentadecanone, ≥98%	104
3557	W355704	(S)-(-)-Perillaldehyde, ≥92%	106	3726	W372609	dL-Phenylalanine, ≥98.5%, FCC	108
3558	W355801	α-Terpinene, ≥89%, FCC, FG	121	3736	W373605	L-Tyrosine, ≥97%	127
3559	W355909	γ-Terpinene, ≥95%, FCC	121	3737	W373702	Vanillyl alcohol, ≥98%	129
3565	W356506	o-Dihydrocarvone, mixture of isomers, ≥97%, FCC	35	3739	W373923	4-Vinylphenol solution, 10 wt. % in propylene glycol, FG	130
3567	W356700	trans- <i>p</i> -Methoxycinnamaldehyde, ≥98%	79	3740	W374008	Anisyl phenylacetate, ≥97%	15
3568	W356808	Methyl cyclohexanecarboxylate, ≥98%	85	3748	W374806	L-Menthyl lactate, ≥97%	78
3569	W356905	2-Methyl-3(5 or 6)-ethoxyprazine, mixture of isomers, 99%	90	3751	W375101	2-(3-Phenylpropyl)pyridine, ≥97%	111
3573	W357308	Methyl 2-methyl-3-furyl disulfide	89	3754	W375403	Vanillin isobutyrate, ≥98%, FG	129
3574	W357405	4-Methylmonanoic acid, ≥97%	90	3756	W375608	4-Ethylbenzaldehyde, ≥97%	43
3575	W357502	(±)-4-Methyloctanoic acid, ≥98%, FG	90	3761	W376108	5-Methyl-2-hepten-4-one, predominantly <i>trans</i> , 98%, FG	87
3578	W357804	2-Methyl-4-propyl-1,3-oxathiane, mixture of <i>cis</i> and <i>trans</i> , ≥98% FG	93	3762	W376205	3-Methyl-1-pentanol, ≥99%, FG	91
3580	W358002	cis-6-Nonenal, ≥92%, FG	99	3763	W376302	Dihydrojasmine, ≥98%	35
3581	W358118	3-Octanol, ≥97%, FCC, FG	100	3764	W376418	Menthylactone, ≥99%	77
3581	W358126	3-Octanol, natural, ≥97%, FCC, FG	100	3765	W376507	(-)-Myrtenyl acetate, ≥95%	96
3582	W358207	1-Octen-3-yl acetate, ≥97%, FCC	101	3766	W376604	trans,trans-2,6-Nonadienol, ≥93%, FG	97
3583	W358304	3-Octyl acetate, ≥98%, FCC, FG	102	3774	W377406	Theaspirane, mixture of <i>cis</i> and <i>trans</i> , ≥85%, FG	123
3583	W358315	3-Octyl acetate, natural (US), ≥97%, FG	102	3787	W378704	2-Methyl-3-tetrahydrofuranthiol, mixture of <i>cis</i> and <i>trans</i> , ≥97%, FG	94
3584	W358401	1-Penten-3-ol, ≥98%, FG	105	3789	W378917	3-(Methylthio)hexyl acetate, ≥97%	95
3585	W358509	L-Phenylalanine, ≥98.5%, FCC	108	3793	W379301	D-(–)-Ribose, ≥98%	117
3588	W358800	1,3-Propanedithiol, ≥96%	113	3794	W379401	(3 <i>R</i>)-(+)-Scolareolide, 97%	118
3589	W358908	Resorcinol, ≥98%	117	3795	W379506	1,3,5-Undecatriene, mixture of 1.3(<i>E</i>),5(<i>Z</i>) and 1.3(<i>E</i>),5(<i>E</i>) isomers, ≥70%	128
3590	W359009	δ-Tetradecalactone, ≥98%, FG	122	3796	W379603	Vanillyl butyl ether, ≥96%	129
3595	W359505	2.5-Xylenol, ≥99%	130	3797	W379700	4-Acetoxy-2,5-dimethyl-3(2 <i>H</i>)-furanone, ≥85%, FG	9
3596	W359602	3,4-Xylenol, ≥98%	130	3797	W379715	4-Acetoxy-2,5-dimethyl-3(2 <i>H</i>)-furanone, natural (US), ≥90%, FG	9
3598	W359807	2-Methoxy-4-propylphenol, ≥99%	81	3798	W379808	2,4-Dihydroxybenzoic acid, ≥97%	36
3599	W359904	2-Methyl-2-butenoic acid, ≥99%, FG	83	3799	W379905	1,2-Dimethoxybenzene, ≥99%	36
3600	W360007	4-(Methylthio)butanol, ≥97%	94	3800	W380008	4-Ethyloctanoic acid, ≥98%	49
3608	W360805	1-Hexen-3-ol, ≥98%	61	3803	W380318	Whiskey lactone, ≥98%	130
3609	W360902	2-Acetyl-5-methylfuran, ≥98%	9	3811	W381101	Neohesperidin dihydrochalcone, ≥85%, FG	96
3612	W361208	1-Octen-3-yl butyrate, ≥97%, FCC	101	3813	W381306	Taurine, ≥98%	121
3613	W361305	ε-Decalactone, ≥99%	33	3817	W381718	2-Acetyl-2-thiazoline, ≥96%	10
3615	W361518	Thiazole, ≥99%, FG	123	3818	W381810	dL-Alanine, ≥99%, FCC	10
3616	W361607	Benzenthaliol, ≥98%	16	3818	W381829	L-Alanine, ≥99%	10
3617	W361704	Benzyl disulfide, 98%	18	3819	W381918	L-Arginine, ≥98.5%, FCC	15
3618	W361801	5-Phenyl-1-pentanol, ≥98%	109	3821	W382108	3-Carene	25
3620	W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%	38	3824	W382418	1-Decen-3-ol, ≥98%	34
3621	W362107	4,5-Dimethyl-2-isobutyl-3-thiazoline, ≥96.5%	38	3826	W382604	2,5-Dihydroxy-1,4-dithiane, mixture of isomers, ≥97%	36
3623	W362301	2-Ethyl-4-hydroxy-5-methyl-3(2 <i>H</i>)-furanone, mixture of isomers, ≥97%, FG	46	3827	W382701	Isopropyl disulfide, ≥96%	72
3626	W362603	Dihydro-β-ionone, ≥90%	35	3828	W382809	2,4-Dimethylanisole, ≥97%	37
3632	W363200	Phenethyl 2-methylbutyrate, ≥95%, FCC	107	3831	W383104	1,4-Dithiane, ≥97%	41
3633	W363308	cis-3-Hexenyl phenylacetate, ≥99%	63	3835	W383503	Ethyl (methylthio)acetate, ≥98%	48
3634	W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38	3839	W383902	Farnesene, mixture of isomers	52
3634	W363413	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 10 wt. % in propylene glycol	38	3846	W384606	Litsea cubeba oil, Certified organic (NOP/EU)	76
3634	W363421	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 3 wt. % in propylene glycol	38	3846	W517208	Litsea cubeba oil	76
3635	W363501	4-Hydroxy-5-methyl-3-furanone, 97%	66	3847	W384704	L-Lysine, ≥97%	76
3639	W363928	β-Cyclocitral, ≥90%, FG	31	3854	W385409	3-Mercapto-3-methylbutan-1-ol, ≥98%	78
3641	W364118	Ethyl <i>trans</i> -2-decenate, ≥95%	44	3858	W385808	3-Methyl-1-butanelithiol, ≥97%	82
3643	W364304	Ethyl <i>trans</i> -2-octenoate, ≥98%	49	3869	W382501	Diethyl sulfide, 98%	35
3644	W364401	2-Methylbutyl acetate, 99%	83	3870	W387001	3-Methyl-2-oxopentanoic acid sodium salt, ≥98%	90
3644	W364428	2-Methylbutyl acetate, natural, ≥94%, FG	83	3871	W387101	4-Methyl-2-oxopentanoic acid sodium salt, 97%	90
3646	W364607	3-Methyl-2-butenal, 97%	83	3874	W387401	2-Methyl-1-propanethiol, ≥92%	92
3647	W364703	3-Methyl-2-buten-1-ol, ≥98%	83	3875	W387509	Methyl sulfoxide, ≥99%	93
3649	W364908	4-Propylphenol, ≥97%	115	3878	W387800	Bis(methylthio)methane, ≥99%, FG	19
3650	W365009	Butyl salicylate, ≥99%	23	3887	W388718	trans-2-Octen-1-ol, 97%	101
3652	W365203	4-(<i>p</i> -Acetoxyphenyl)-2-butanone, ≥96%	9	3892	W3889201	Phenylpyruvic acid, 98%	111
3655	W365505	4-Allyl-2,6-dimethoxyphenol, ≥90%	11	3893	W389323	2-Pentyl butyrate, >98%	105
3656	W365601	L-Aspartic acid, ≥98%	15	3894	W389404	Phenylethyl mercaptan, ≥99%	109
3658	W365807	1,4-Cineole, FG	27	3897	W389706	2-Propanethiol, ≥98%	113
3660	W366005	9-Decenoic acid, ≥90%, FG	33	3900	W390003	Sodium diacetate	119
3664	W366404	2,5-Dimethyl-4-methoxy-3(2 <i>H</i>)-furanone, ≥97%	38	3901	W390101	Mercaptopyruvic acid sodium salt, 90%	79
3665	W366501	2,2-Dimethyl-5-(1-methylpropen-1-yl)tetrahydrofuran, ≥98%	38	3902	W390208	Tea tree oil	121
3666	W366609	2,6-Dimethylbenzenethiol, ≥95%	37	3902	W390215	Tea tree oil, Certified organic (NOP/EU)	121
3667	W366706	Diphenyl ether, ≥99%	40	3906	W390607	2'-Aminoacetophenone, ≥98%	12
3673	W367303	2-Ethylfuran, ≥99%	45	3909	W390909	Cyclohexanone, 99.8%	31
3674	W367400	Ethyl (2-furylthio)proponate, ≥98%	45	3910	W391018	Cyclopentanone, ≥99%	32
3676	W367605	1-Ethylhexyl tiglate, ≥92%	46	3918	W391808	4- <i>tert</i> -Butylphenol, ≥99%	23
3680	W368008	2-Ethyl-4-methylthiazole, ≥98%, FG	48	3922	W392200	trans,trans-2,4-Hexadien-1-ol, ≥97%	59
3683	W368318	Ethyl 3-oxohexanoate, ≥98%	49	3924	W392103	2,4-Hexadienoic acid, ≥99%, FCC	59
3684	W368401	L-Glutamine	56	3924	W392405	cis-2-Hexen-1-ol, ≥90%	61
3687	W368709	2-Methoxyphenyl acetate, ≥98%	80	3926	W392618	trans-2-Hexenyl butyrate, ≥96%	62
3688	W368806	cis-3-Hexenyl benzoate, ≥97%	62	3929	W392901	cis-3-Hexenyl isobutyrate, ≥98%	62
3689	W368903	cis-3-Hexenyl cis-3-hexenoate, ≥94%	62	3931	W393118	cis-3-Hexenyl tiglate, ≥97%	63
3690	W369004	cis-3-Hexenyl lactate, ≥98%	62	3933	W393304	cis-3-Hexenyl propionate, ≥97%	63
3691	W369101	Hexyl benzoate, ≥98%	63	3944	W394440	<i>m</i> -Anisic acid, ≥98%	15
3695	W369501	4-Ethoxyphenol, 99%	42	3945	W394505	<i>p</i> -Anisic acid, ≥99%	15
3696	W369608	6-Amyl-α-pyrone, ≥96%, FG	13	3946	W394602	2-Methylcyclohexanone, ≥99%	85
3697	W369705	2-Hydroxy-4-methylbenzaldehyde, ≥98%	66	3947	W394718	3-Methylcyclohexanone, ≥97%	85
3698	W369802	trans-Isoeugenyl benzyl ether, ≥98%	71	3948	W394807	4-Methylcyclohexanone, ≥99%	85
3699	W369918	Isopropyl 2-methylbutyrate, ≥98%	72	3949	W394904	2-Methyl-3-methylthifuran, ≥98%	89
3703	W370304	4-Methyl-2,6-dimethoxyphenol, ≥97%	83	3952	W395218	trans-2,cis-6-Nonadienyl acetate, mixture of isomers, ≥97%	98
3704	W370401	Methyl 2-methylpentanoate, ≥98%	89	3957	W395701	2-Octenoic acid, 85%	101
3707	W370703	Methyl nicotinate, ≥99%	89	3959	W395900	2-Phenylphenol, ≥99%	109
3709	W370908	Methyl 3-nonenate, ≥96%, FG	90	3960	W396001	Phenyl salicylate, ≥99%	111
3710	W371009	Methyl 3-nonenate, ≥96%, FG	90	3963	W396303	2,3,6-Trimethylphenol, ≥97%	126
3712	W371203	Methyl <i>trans</i> -2-octenoate, ≥96%	90	3964	W396400	2-Acetyl-3-methylpyrazine, ≥98%, FG	9
3716	W371602	4-Methylthiazole, ≥98%	94	3965	W396508	di-L-Amino-2-propanol, ≥90%	12
3720	W372005	cis-2-Nonen-1-ol, ≥97%	99	3966	W396605	3-Decanone, ≥97%	33
3721	W372102	2,4-Octadienyl, predominantly <i>trans,trans</i> , ≥95%	99	3973	W397301	2-Methyl-3-furanthiol acetate, ≥80%	86
3722	W372218	cis-5-Octen-1-ol, ≥98%	101	3982	W398209	cis-3-Hexenyl crotonate	62
				3984	W398403	4-Hydroxybenzaldehyde, ≥97%	65
				3985	W398500	Salicylic acid, ≥99%	118

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3986	W398608	4-Hydroxybenzoic acid, ≥99%	65	4240	W424001	(±)-sec-Butylamine, ≥98.5%	21
3987	W398705	4-Hydroxybenzyl alcohol, ≥98%	65	4242	W424201	Amylamine, ≥99.0%	13
3988	W398802	Vanillic acid, ≥97%	129	4244	W424401	2-Methylpiperidine, 98%	92
3998	W399809	2-Methyl-1-butanol, ≥99%	83	4245	W424501	Trimethylamine <i>N</i> -oxide, 98%	125
3998	W399817	2-Methyl-1-butanol, natural, ≥98.5%	83	4246	W424601	Triethylamine, ≥99.5%	125
4000	W400009	2-Methyl-3-heptanone, 98%	87	4247	W424701	Tripropylamine, ≥98%	126
4003	W400300	Methyl (methylthio)acetate, 97%	89	4248	W424801	(<i>R</i>)-(+) <i>N,N</i> -Dimethyl-1-phenylethylamine, 97%	39
4004	W400408	2-(Methylthio)ethanol, ≥99%	94	4250	W425001	Piperazine, 99%	112
4014	W401404	2-Phenylethyl isothiocyanate, ≥99%, FG	109	4253	W425301	Methyl 10-undecenoate, 96%	95
4015	W401501	Pyrazine, ≥99%	116	4258	W425800	Ethanethiol, ≥97%	42
4019	W400201	Methyl methacrylate, ≥98.5%	88	4259	W425900	1-Heptanethiol, 98%	57
4022	W402206	6-Undecanone	128	4271	W427100	2-Decanone, ≥98%	33
4028	W402826	β-Cyclodextrin	31	4286	W428600	2-Isobutyl-4-methyl-1,3-dioxolane, mixture of isomers, ≥97%	70
4049	W404926	Syringaldehyde, ≥98%	120	4293	W429300	1-Octene, 98%	101
4065	W406503	2-Propylpyridine, ≥97%	116	4294	W429400	Ethyl dimethyl dioxolane acetate, mixture of isomers, ≥97%	44
4077	W407701	o-Anisaldehyde	14	4304	W430400	trans-2-Decen-1-ol, 97%	34
4077	W506400	o-Anisaldehyde, ≥97%	14	4305	W430500	cis-2-Penten-1-ol, ≥96%	105
4080	W408001	(–)-Bornyl acetate, 95%	20	4313	W431300	Hesperetin, ≥95%	59
4093	W409301	Diethyl disulfide, ≥98.5%	34	4316	W431600	2'-Methylacetophenone, ≥96%	81
4121	W412101	Geranic acid, 85%	55	4329	W432900	2,4,6-Trimethylphenol, 99%	126
4129	W412901	1-Hepten-3-ol, ≥97%	58	4333	W433300	1-Pentanethiol, 98%	104
4132	W413201	trans,trans-2,4-Hexadienyl acetate, 97%	59	4334	W433400	Pentadecanoic acid, ≥99%	104
4152	W415201	Isopropenyl acetate, 99%	71	4335	W433500	Tridecanal, ≥95%	125
4159	W415901	2-Methoxythiophenol, ≥97%	81	4336	W433600	Tridecanol, acid, ≥98%	125
4163	W416301	2'-Methoxyacetophenone, 99%	79	4349	W434900	cis-4-Decen-1-ol, 97%	34
4179	W417901	2-Methylfuran, ≥98%	86	4351	W435100	5-Hexen-1-ol, 98%	61
4190	W419001	L-Ornithine hydrochloride, 99%	103	4353	W435300	Methyl 4-pentenoate, ≥95%	91
4193	W419301	trans-2-Pentenoic acid, 98%	105	4356	W435600	trans-3-Hexen-1-ol, 97%	61
4195	W419501	Phthalide, 98%	111	4394	W439400	2,4,5-Trimethyloxazole, 99%	126
4202	W420201	Prenyl acetate, ≥98%	112	4398	W439800	2-Methylbenzoxazole, 99%	82
4210	W421001	Thioacetic acid, 96%	123	4409	W440900	(1S,2S,4 <i>R</i>)-(+)Limonene-1,2-diol, ≥97%	75
4215	W421501	Tyramine, 99%	127	4412	W441200	cis-3-Nonen-1-ol, 95%	99
4219	W421906	Cormint oil, Certified organic (NOP/EU)	30	4420	W442000	Ethyl isothiocyanate, 97%	47
4219	W521604	Cormint oil, chinese type	30	4422	W442200	Hexyl isothiocyanate, 95%	64
4219	W521701	Cormint oil, redistilled	30	4425	W442500	Isopropyl isothiocyanate, 97%	72
4235	W423501	ε-Caprolactam, 99%	25	4426	W442600	Methyl isothiocyanate, 97%	88
4236	W423601	Ethylamine solution, 70 wt. % in H ₂ O	42	4428	W442800	Benzyl isothiocyanate, 98%	18
4237	W423701	Propylamine, ≥99%	113	4462	W446207	Hydroxyacetone, ≥95%, FG	65
4239	W423901	Isobutylamine, 99%	69				

Organoleptic properties index
alliaceous (onion, garlic)

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W202800	Allyl disulfide, ≥80%	11
W204218	Allyl sulfide, ≥97%, FG	12
W332909	S-Allyl thiopropionate, ≥95%	12
W361607	Benzanethiol, ≥98%	16
W387800	Bis(methylthio)methane, ≥99%, FG	19
W347809	1-Butanethiol, ≥98%	21
W221503	Butyl sulfide, ≥95%	23
W326208	Cyclopentanethiol, ≥97%	32
W344818	Dicyclohexyl disulfide, ≥94%	34
W326607	4,5-Dihydro-3(2H)-thiophenone, ≥98%, FG	36
W345001	2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane, 95%	37
W327506	Dimethyl trisulfide, ≥98%, FG	40
W383104	1,4-Dithiane, ≥97%	41
W327905	Ethyl 2-mercaptopropionate, ≥95%	47
W383503	Ethyl (methylthio)acetate, ≥98%	48
W328200	Ethyl thioacetate, ≥98%	50
W316105	Furfuryl isopropyl sulfide, ≥98%	53
W249300	Furfuryl mercaptan, ≥97%, FG	54
W334707	Furfuryl thiopropionate, ≥98%	54
W382701	Isopropyl disulfide, ≥96%	72
W350206	2-Mercapto-3-butanol, mixture of isomers, ≥97%, FG	78
W329800	3-Mercapto-2-butanone, ≥80%	78
W336203	Methyl furfuryl disulfide, ≥95%, FG	86
W357308	Methyl 2-methyl-3-furyl disulfide	89
W320102	Methyl propyl disulfide, ≥90%	92
W337218	2-(1-Methylpropyl)furanose, ≥98%	93
W387509	Methyl sulfoxide, ≥99%	93
W378704	2-Methyl-3-tetrahydrofuranthiol, mixture of <i>cis</i> and <i>trans</i> , ≥97%, FG	94
W360007	4-(Methylthio)butanol, ≥97%	94
W331007	Methyl thiobutyrate, ≥97%, FG	94
W331104	Methyl 2-thifuroate, ≥98%	94
W341509	3-(Methylthio)-1-propanol, ≥98%, FG	95
W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95
W331201	3-(Methylthio)propyl isothiocyanate, ≥98%, FG	95
W389706	2-Propanethiol, ≥98%	113
W328206	Propyl disulfide, ≥97%, FG	114
W352101	Propyl mercaptan, ≥98%	114
W323802	2,2'-(Thiodimethylene)difuran, ≥98%, FG	123
W324000	o-Toluenethiol, ≥97%, FG	124
animal		
W367400	Ethyl 3-(furfurylthio)propionate, ≥98%	45
W255505	ω-6-Hexadecenolactone, ≥98%	59
W259306	Indole, ≥99%, FCC	66
W310204	Isovaleric acid, ≥99%, FCC	73
W331007	Methyl thiobutyrate, ≥97%, FG	94
W361208	1-Octen-3-yl butyrate, ≥97%, FCC	101
W290807	Piperidine, ≥99%, FCC	112
W290904	Piperine, ≥97%, FG	112
W352316	Pyrrolidine, ≥99%	116
W301912	Skatole, ≥98%	118
W310107	Valeric acid, ≥99%, FCC	128
W312401	Vanillylacetone, ≥96%	129
balsamic		
anise		
W208604	<i>trans</i> -Anethole, ≥99%, FCC	14
W267007	p-Anisaldehyde, ≥97.5%, FCC	14
W374008	Anisyl phenylacetate, ≥97%	15
W288101	Benzylideneacetone, ≥99%	18
W326801	3,4-Dimethyl-1,2-cyclopentadiene, ≥97%	37
W241407	Ethyl acetate, ≥99%, FCC	42
W242004	Ethyl <i>p</i> -anisate, ≥97%, FCC	43
W242209	Ethyl benzoate, ≥99%, FCC	43
W242217	Ethyl benzoate, natural, ≥99%, FCC	43
W245208	Ethyl phenylacetate, ≥98%, FCC	49
W247804	Farnesol, mixture of isomers, ≥95%	52
W248207	Fennel oil, FCC	52
W359807	2-Methoxy-4-propylphenol, ≥99%	81
W267902	Methyl <i>p</i> -anisate, ≥99%	81
W269905	6-Methylcoumarin, ≥99%, FCC, FG	85
W247502	Methyl eugenol, ≥98%, FCC	86
W276200	Myrcene, ≥90%, FCC, FG	96
W278106	γ-Nonanoic lactone, ≥98%, FCC	98
W291102	Piperonal, ≥99%, FCC, FG	112
W293008	p-Propyl anisole, ≥99%, FCC, FG	113
W307300	p-Tolyl acetate, ≥98%, FCC	124
W310301	(±)-γ-Valerolactone, ≥98%, FCC, FG	128
W373702	Vanillyl alcohol, ≥98%	129

Cat No.	Name	Page
balsam		
W202207	Allyl cinnamate, ≥99%	11
W407701	o-Anisaldehyde	14
W213101	Benzoic acid, ≥99.5%, FCC, FG	17
W213306	Benzoin resin absolute, Siam	17
W288101	Benzylideneacetone, ≥99%	18
W229407	Cinnamyl alcohol, ≥98%	28
W229601	trans-Cinnamyl butyrate, ≥96%, FCC	28
W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28
W229903	Cinnamyl formate, ≥92%, FCC	28
W229709	Cinnamyl isobutyrate, ≥97%, FCC	28
W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28
W230103	trans-Cinnamyl propionate, ≥97%	28
W241601	Ethyl 2-acetyl-3-phenylpropionate, ≥97%	42
W242217	Ethyl benzoate, natural, ≥99%, FCC	43
W246905	Eugenyl acetate, ≥98%, FCC	51
W247804	Farnesol, mixture of isomers, ≥95%	52
W509876	cis-3-Hexenyl salicylate, ≥97%	63
W369101	Hexyl benzoate, ≥98%	63
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
W293903	Isopropyl cinnamate, ≥96%, FG	72
W359904	trans-2-Methyl-2-butenoic acid, ≥99%, FG	83
W269808	Methyl <i>trans</i> -cinnamate, ≥98%, FCC, FG	85
W522600	Opopanax oil	103
W286818	Phenethyl salicylate, ≥97%	108
W288403	1-Phenyl-1-propanol, ≥97%	109
W288500	3-Phenyl-1-propanol, ≥98%, FCC	110
W289302	3-Phenylpropyl isobutyrate, ≥98%	110
W502200	Phytol, ≥97%	111
W291102	Piperonal, ≥99%, FCC, FG	112
W303704	Styrax	120
W308900	L-Turpentine	127
W310808	Vanillin acetate, ≥98%	129
butterscotch		
W315818	2-Furanmethanethiol formate, ≥97%	53
caramel		
W200506	Acetanisole, ≥98%, FCC, FG	8
W332704	2-Acetyl-3(5(6)-dimethyl)pyrazine, mixture of isomers, ≥98%	9
W203009	Allyl 2-furoate, ≥98%	11
W209902	Anisyl alcohol, ≥98%, FCC, FG	15
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38
W363421	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 3 wt. % in propylene glycol	38
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%	38
W242918	2-Ethylbutyric acid, ≥98%, FCC	44
W315303	5-Ethyl-3-hydroxy-4-methyl-2(5H)-furanone, 97%, FG	46
W362301	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone, mixture of isomers, ≥97%, FG	46
W348708	Ethyl maltol, ≥99%, FCC, FG	47
W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG	49
W245402	Ethyl 3-phenylglycidate, mixture of <i>cis</i> and <i>trans</i> , ≥92%	49
W339407	3-Ethylpyridine, ≥98%, FG	50
W245712	Ethyl pyruvate, natural, ≥95%	50
W246018	Ethyl tiglate, ≥98%	50
W249300	Furfuryl mercaptan, ≥97%, FG	54
W316318	2-Furyl methyl ketone, ≥99%, FG	54
W253901	γ-Heptalactone, ≥98%, FCC, FG	57
W316814	3,4-Hexanedione, ≥90%	60
W329118	4-Hydroxybutanoic acid lactone, ≥98%, FCC	65
W317411	4-Hydroxy-2,5-dimethyl-3(2H)-furanone solution, 10 wt. % in propylene glycol	65
W501808	5-(Hydroxymethyl)furfural, ≥99%	66
W246209	Malty isobutyrate, ≥98%, FG	77
W267406	1-(<i>p</i> -Methoxyphenyl)-2-propanone, ≥97%	81
W415901	2-Methoxythiophenol, ≥97%	81
W336009	3-Methyl-2-cyclohexenone, ≥98%	85
W270008	Methyl cyclopentenolone, 98%, FCC, FG	85
W270202	5-Methylfurfural, ≥98%	86
W336203	Methyl furfuryl disulfide, ≥95%, FG	86
W378704	2-Methyl-3-tetrahydrofuranthiol, mixture of <i>cis</i> and <i>trans</i> , ≥97%, FG	94
W320803	(Methylthio)methylpyrazine, mixture of isomers, ≥98%, FG	95
W372307	2-Oxobutyric acid, ≥97%	103
W285706	Phenethyl acetate, ≥98%, FCC	106
W292206	Propenyl guaiacol, ≥99%, FCC	113
W296902	Pyravaldehyde solution, 40 wt. % in H ₂ O	116
W297003	Pyruvic acid, ≥97%	116
W297070	Pyruvic acid, natural, ≥80%	116
W306207	2-Thiophenethiol, FG	123
W222305	Tributyrin, 97%, FG	125
W310700	Vanillin, ≥97%, FCC, FG	129
W310727	Vanillin, natural, ≥97%, FCC, FG	129
W310905	Veratraldehyde, ≥98%, FG	129

Organoleptic properties index

balsamic: chocolate

Cat No.	Name	Page	Cat No.	Name	Page			
chocolate								
W312606	2-Acetylpyrazine, ≥99%, FCC, FG	9	W200204	Acetal, ≥98%, FG	8			
W332801	2-Acetylthiazole, ≥99%, FG	10	W200220	Acetal, natural	8			
W267007	p-Anisaldehyde, ≥97.5%, FCC	14	W203807	Allyl phenoxyacetate, ≥99%	12			
W209902	Anisyl alcohol, ≥98%, FCC, FG	15	W203904	Allyl phenylacetate, ≥99%	12			
W214205	Benzyl cinnamate, ≥98%	18	W209910	Anisyl alcohol, natural, ≥98%, FG	15			
W237108	Benzyl ether, ≥98%, FCC	18	W212628	Beeswax absolute breche	16			
W339318	Butyl 2-methylbutyrate, ≥97%, FG	23	W214906	Benzyl phenylacetate, ≥98%, FCC	18			
W221902	Butyraldehyde, ≥98%	24	W220906	Butyl phenylacetate, ≥98%, FCC	23			
W224847	4-Carvomenthenol, ≥92%, FCC	25	W228818	trans-Cinnamic acid, ≥99%, FG	27			
W237701	Diethyl succinate, ≥99%, FCC, FG	35	W228826	trans-Cinnamic acid, natural, ≥99%, FCC	27			
W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%	38	W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28			
W315214	3-Ethyl-2-hydroxy-2-cyclopenten-1-one solution, 50 wt. % in propylene glycol	46	W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28			
W245208	Ethyl phenylacetate, ≥98%, FCC	49	W231401	Citronellyl formate, FCC	29			
W249300	Furfuryl mercaptan, ≥97%, FG	54	W231703	Citronellyl valerate, ≥85%	30			
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65	W245208	Ethyl phenylacetate, ≥98%, FCC	49			
W259306	Indole, ≥99%, FCC	66	W250406	Genet absolute, natural	55			
W206318	Isoamyl cinnamate, ≥97%	67	W251607	Geranyl phenylacetate, FCC	56			
W206326	Isoamyl cinnamate, natural, ≥97%	67	W288705	Hydrocinnamaldehyde, ≥90%, FCC	65			
W218502	Isobutyl benzoate, ≥98%	69	W259306	Indole, ≥99%, FCC	66			
W220205	Isobutyl hexanoate, ≥98%	70	W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67			
W221107	Isobutyl phenylacetate, ≥98%, FCC	70	W350702	Isoamyl isobutyrate, ≥98%, FG	67			
W265608	Maltol, FCC, FG	77	W350710	Isoamyl isobutyrate, natural, 98%, 70% isoamyl isobutyrate basis	67			
W329800	3-Mercapto-2-butanon, ≥80%	78	W221107	Isobutyl phenylacetate, ≥98%, FCC	70			
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79	W247707	Isoeugenyl phenylacetate, mixture of <i>cis</i> and <i>trans</i> , ≥97%	71			
W330205	2-Methoxypyrazine, ≥99%, FCC	81	W295604	Isopropyl phenylacetate, ≥99%	73			
W267902	Methyl <i>p</i> -anisate, ≥99%	81	W261718	Lauryl alcohol, ≥98%	74			
W268208	Methyl anthranilate, ≥98%, FCC, FG	82	W272205	Methyl myristate, ≥98%	89			
W268216	Methyl anthranilate, natural (US), ≥99%, FG	82	W273309	Methyl phenylacetate, ≥98%, FCC	92			
W269107	2-Methylbutyraldehyde, ≥90%	84	W425301	Methyl 10-undecenate, 96%	95			
W269506	2-Methylbutyric acid, ≥98% FG	84	W339504	(<i>R</i>)(<i>–</i>)-Myrtenal, ≥97%	96			
W269514	(<i>±</i>)-2-Methylbutyric acid, natural, ≥98%, FG	84	W277304	Neryl acetate, ≥98%, FCC, FG	97			
W247502	Methyl eugenol, ≥98%, FCC	86	W279706	Octanal, ≥92%, FCC	100			
W343609	1-Methyl-3-methoxy-4-isopropylbenzene, 98%	88	W279714	Octanal, natural, ≥92%, FCC	100			
W357308	Methyl 2-methyl-3-furyl disulfide	89	W281409	Octyl isovalerate, ≥98%	102			
W376205	3-Methyl-1-pentanol, ≥99% FG	91	W282928	Orris concrete	103			
W319902	5-Methyl-2-phenyl-2-hexenal, ≥96%, FG	92	W285708	Phenethyl acetate, ≥98%, FCC	106			
W320005	4-Methyl-2-phenyl-2-pentenal, mixture of <i>cis</i> and <i>trans</i> , ≥88%	92	W285714	Phenethyl acetate, natural, ≥99%, FCC	106			
W337218	2-(1-Methylpropyl)thiazole, ≥98%	93	W285803	Phenethyl alcohol, ≥99%, FCC, FG	106			
W330906	2-Methylpyrazine, ≥99%, FCC, FG	93	W285811	Phenethyl alcohol, natural, ≥99%, FCC	106			
W331309	4-Methyl-5-vinylnithiazole, ≥97%	95	W285900	Phenethyl antranilate, ≥98%, FCC	106			
W277304	Neryl acetate, ≥98%, FCC, FG	97	W286001	Phenethyl benzoate, ≥99%	107			
W284203	2-Pentanone, ≥98%, FCC	105	W287318	2-Phenoxyethyl isobutyrate, ≥97%, FCC	108			
W285900	Phenethyl antranilate, ≥98%, FCC	106	W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108			
W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108	W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108			
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108	W287806	Phenylacetic acid, ≥99%, FCC	108			
W287814	Phenylacetic acid, natural, ≥99%	108	W287814	Phenylacetic acid, natural, ≥99%	108			
W322407	2-Phenyl-2-butenal, mixture of <i>cis</i> and <i>trans</i> , ≥97%	109	W293407	Propyl butyrate, ≥98%	114			
W318604	4-Phenyltoluene, ≥98%	111	W305502	Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2 <i>H</i> -pyran, mixture of <i>cis</i> and <i>trans</i> , ≥98%	122			
W292303	Propionaldehyde, ≥97%	113	W323608	Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2 <i>H</i> -pyran, mixture of <i>cis</i> and <i>trans</i> , ≥98%	122			
W404926	Syringaldehyde, ≥98%	120	W306401	Thyme oil, red	124			
W323705	2,3,5,6-Tetramethylpyrazine, ≥98%, FG	123	W306509	Thyme oil, white, FCC	124			
W323713	2,3,5,6-Tetramethylpyrazine, natural, ≥98%, FG	123	sweet					
W324418	2,3,5-Trimethylpyrazine, ≥99%, FCC, FG	126	W200506	Acetanisole, ≥98%, FCC, FG	8			
W332518	2,4,5-Trimethylthiazole, ≥98%, FG	126	W200905	Acetophenone, ≥98%, FCC	8			
W398802	Vanillic acid, ≥97%	129	W342408	3-Acetylpyridine, ≥98%, FG	9			
W310700	Vanillin, ≥97%, FCC, FG	129	W325201	β-Alanine, ≥98%	10			
W310727	Vanillin, natural, ≥97%, FCC, FG	129	W241105	4-Allylanisole, ≥98%, FCC	10			
W375403	Vanillin isobutyrate, ≥98%, FG	129	W202606	Allyl cyclohexaneprionate, ≥98%, FCC, FG	11			
cinnamon								
W267007	p-Anisaldehyde, ≥97.5%, FCC	14	W203106	Allyl heptanoate, ≥97%, FCC, FG	11			
W288101	Benzylideneacetone, ≥99%	18	W203807	Allyl phenoxyacetate, ≥99%	12			
W224111	Cardamom oil, FCC	25	W203904	Allyl phenylacetate, ≥99%	12			
W228613	Cinnamaldehyde, natural, ≥93%, FG	27	W332909	S-Allyl thiopropionate, ≥95%	12			
W228605	trans-Cinnamaldehyde, ≥98%, FCC	27	W205605	Amyl alcohol, ≥99%	13			
W228818	trans-Cinnamic acid, ≥99%, FG	27	W206105	α-Amylcinnamaldehyde, mixture of <i>cis</i> and <i>trans</i> , ≥97%	13			
W229202	Cinnamon oil, ceylon type, FCC	28	W207918	N-Amyl octanoate, ≥98%	13			
W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28	W207926	Amyl octanoate, mixture of isomers, ≥98%, FCC	13			
W243000	Ethyl cinnamate, ≥98%, FCC	44	W369608	6-Amyl- <i>q</i> -pyrone, ≥96%, FG	13			
W243019	Ethyl cinnamate, natural, ≥92%, FG	44	W208604	trans-Anethole, ≥99%, FCC	14			
W246700	Eugenol, ≥98% FCC, FG	51	W506400	o-Anisaldehyde, ≥97%	14			
W246719	Eugenol, natural, ≥98%	51	W267007	p-Anisaldehyde, ≥97.5%, FCC	14			
W316407	trans,trans-2,4-Heptandienal, ≥88%	57	W209805	Anisyl acetate, ≥97%, FCC	15			
W254401	2-Heptanone, ≥98%, FCC, FG	58	W209902	Anisyl alcohol, ≥98%, FCC, FG	15			
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65	W209910	Anisyl alcohol, natural, ≥98%, FG	15			
W247707	Isoeugenyl phenylacetate, mixture of <i>cis</i> and <i>trans</i> , ≥97%	71	W210102	Anisyl formate, ≥90%, FCC, FG	15			
W355690	Isopropyl myristate, ≥98%	72	W211907	Basil oil, comoric type	16			
W356700	trans- <i>p</i> -Methoxycinnamaldehyde, ≥98%	79	W212709	Benzaldehyde, ≥98%, FCC	16			
W269700	α-Methylcinnamaldehyde, ≥97%, FCC	84	W212717	Benzaldehyde, natural, ≥98%, FCC, FG	16			
W247502	Methyl eugenol, ≥98%, FCC	86	W213500	Benzyl acetate, ≥99%, FCC, FG	17			
W211613	Peru balsam	106	W213519	Benzyl acetate, natural, ≥99%, FCC, FG	17			
W296309	(<i>R</i>)(<i>–</i>)-Pulegone, ≥85%	116	W213802	Benzyl benzoate, ≥99%, FCC	17			
			W213810	Benzyl benzoate, natural, ≥99%, FCC	17			
			W237108	Benzyl ether, ≥98%, FCC	18			

Organoleptic properties index

balsamic: sweet

Cat No.	Name	Page	Cat No.	Name	Page
W214507	Benzyl formate, ≥95%, FCC	18	W316903	<i>trans</i> -2-Hexenoic acid, ≥98%, FG	61
W288101	Benzylideneacetone, ≥99%	18	W392901	<i>cis</i> -3-Hexenyl isobutyrate, >98%	62
W214906	Benzyl phenylacetate, ≥98%, FCC	18	W349704	<i>cis</i> -3-Hexenyl 2-methylbutanoate, ≥97%, FCC	63
W215007	Benzyl propionate, ≥98%, FCC	18	W363308	<i>cis</i> -3-Hexenyl phenylacetate, ≥99%	63
W215015	Benzyl propionate, natural, ≥98%, FCC	19	W256501	Hexyl acetate, ≥98%, FCC, FG	63
W215104	Benzyl salicylate, ≥98%, FCC	19	W256706	Hexyl alcohol, ≥98%, FCC	63
W215317	Bergamot oil, Ivory Coast origin, (Non-sensitizing)	19	W256803	Hexyl butyrate, ≥98%, FG	63
W215902	Bornyl acetate, ≥97%	20	W256811	Hexyl butyrate, natural, ≥98%	63
W333204	Butan-3-one-2-yl butanoate, ≥98%, FCC	21	W256900	α-Hexylcinnamaldehyde, ≥95%	64
W217409	Butyl acetate, ≥99%, FCC	21	W257605	Hexyl propionate, ≥97%, FG	64
W218103	Butyl antranilate, ≥99%	21	W288705	Hydrocinnamaldehyde, ≥90%, FCC	65
W507318	4-tert-Butylcyclohexyl acetate, ≥98%	22	W354805	2'-Hydroxyacetophenone, ≥98%	65
W220507	Butyl (S)-(-)-lactate, ≥97%	23	W258318	Hydroxycitronellal, ≥95%, FCC	65
W224111	Cardamom oil, FCC	25	W317403	4-Hydroxy-2,5-dimethyl-3(2H)-furanone, ≥98%, FCC, FG	65
W225118	(-)Caryl propionate, ≥97%	26	W258806	4-(4-Hydroxyphenyl)-2-butanone, ≥98%, FCC	66
W228605	<i>trans</i> -Cinnamaldehyde, ≥98%, FCC	27	W258814	4-(4-Hydroxyphenyl)-2-butanone, natural (US), ≥98% FCC, FG	66
W228818	<i>trans</i> -Cinnamic acid, ≥99%, FG	27	W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
W229105	Cinnamon bark oil, FCC	27	W205818	Isoamyl benzoate, ≥98%, FCC	67
W229407	Cinnamyl alcohol, ≥98%	28	W207500	Isoamyl hexanate, mixture of isomers, ≥98%, FCC, FG	67
W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28	W207519	Isoamyl hexanoate, mixture of isomers, natural, ≥98%	67
W229709	Cinnamyl isobutyrate, ≥97%, FCC	28	W208507	Isoamyl isovalerate, ≥98%, FCC	68
W230707	(±)-Citronellal, ≥80%	29	W208515	Isoamyl isovalerate, natural, ≥98%, FCC	68
W233404	Coriander oil, FCC	30	W208000	Isoamyl octanoate, ≥98%	68
W234907	Cyclohexyl acetate, ≥98%, FG	31	W208418	Isoamyl salicylate, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC	68
W235504	Cyclohexyl isovalerate, ≥98%	32	W217506	Isobutyl acetate, ≥98%, FCC, FG	69
W235407	Cyclohexyl propionate, ≥99%	32	W217514	Isobutyl acetate, natural, ≥97%, FCC, FG	69
W236101	δ-Decalactone, ≥98%, FCC	33	W218006	Isobutyl angelate	69
W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33	W219304	Isobutyl cinnamate, ≥98%, FCC, FG	69
W236209	Decanal, ≥95%, FCC	33	W219703	Isobutyl formate, ≥95%, FG	69
W236217	Decanal, natural, ≥92%	33	W220205	Isobutyl hexanoate, ≥98%	70
W238104	Dihydrocoumarin, ≥99%, FCC, FG	35	W246808	Isoeugenol, mixture of <i>cis</i> and <i>trans</i> , ≥99%, FCC	71
W510424	3',4'-Dimethoxyacetophenone, ≥98%	36	W369802	<i>trans</i> -Isoeugenyl benzyl ether, ≥98%	71
W238708	2',4'-Dimethylacetophenone, ≥96%	37	W247707	Isoeugenyl phenylacetate, mixture of <i>cis</i> and <i>trans</i> , ≥97%	71
W342718	2,4-Dimethylbenzaldehyde, ≥90%	37	W355305	Isophorone, ≥97%	71
W326909	3,5-Dimethyl-1,2-cyclopentadione, ≥97%, FG	37	W292605	Isopropyl acetate, ≥99%, FCC	71
W239100	3,7-Dimethyl-1-octanol, ≥98%, FCC	39	W293504	Isopropyl butyrate, ≥98%	72
W241318	4-Ethoxbenzaldehyde, ≥99%	42	W369918	Isopropyl 2-methylbutyrate, ≥98%	72
W241504	Ethyl acetoacetate, ≥99%, FCC	42	W322903	Isopropyl titrate, ≥98%	73
W242101	Ethyl 2-aminobenzoate, ≥96%, FCC	42	W261505	Lauric aldehyde, ≥95%, FCC	74
W375608	4-Ethylbenzaldehyde, ≥97%	43	W261513	Lauric aldehyde, natural, ≥95%, FCC, FG	74
W242500	2-Ethylbutyl acetate, ≥98%	44	W263303	(R)-(+) -Limonene, ≥93%	75
W242713	Ethyl butyrate, natural, ≥98%, FCC	44	W263508	Linalool, ≥97%, FCC, FG	75
W506109	Ethyl chrysanthemate, mixture of <i>cis</i> and <i>trans</i> , ≥95%	44	W263605	Linalyl acetate, ≥97%, FCC	76
W243000	Ethyl cinnamate, ≥98%, FCC	44	W263613	Linalyl acetate, natural, ≥80%	76
W243019	Ethyl cinnamate, natural, ≥92%, FG	44	W264601	Linalyl isovalerate, ≥95%	76
W243108	Ethyl cyclohexanepropionate, ≥99%	44	W264504	Linalyl propionate, ≥92%, FCC, FG	76
W354309	Ethylene brassylate, ≥95%	45	W265101	Lavage oil	76
W243418	Ethyl formate, ≥97%, FCC, FG	45	W376418	Menthylactone, ≥99%	77
W367303	2-Ethylfuran, ≥99%	45	W266701	l-Menthone, mixture of isomers, ≥96%, FCC	78
W315109	2-Ethyl-1-hexanol, ≥99%	46	W266825	l-Menthyl acetate, natural, ≥98%, FCC	78
W342807	Ethyl 3-hydroxybutyrate, ≥97%, FG	46	W266906	Menthyl isovalerate, ≥98%, FG	78
W342815	Ethyl 3-hydroxybutyrate, natural	46	W318108	o-Methoxycinnamaldehyde, ≥96%, FG	79
W244201	Ethyl levulinate, ≥98%, FCC, FG	47	W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79
W244406	Ethyl 3-methyl-3-phenylglycidate, ≥98%, FCC	48	W267121	2-Methoxy-4-methylphenol, natural, 97%	79
W383503	Ethyl (methylthio)acetate, ≥98%	48	W267201	4-(4-Methoxyphenyl)-2-butanon, ≥98%, FCC, FG	80
W245208	Ethyl phenylacetate, ≥98%, FCC	49	W267600	Methyl acetate, ≥98%	81
W245607	Ethyl propionate, ≥97%, FCC, FG	50	W267902	Methyl <i>p</i> -anisate, ≥99%	81
W245615	Ethyl propionate, natural, ≥97%, FCC, FG	50	W268100	4-Methylanisole, ≥99%, FCC	82
W245712	Ethyl pyruvate, natural, ≥95%	50	W268208	Methyl antranilate, ≥98%, FCC, FG	82
W245801	Ethyl salicylate, ≥99%, FCC	50	W268216	Methyl antranilate, natural (US), ≥99%, FG	82
W246409	Ethyl vanillin, ≥98%, FCC	51	W350605	2-Methylbutyl isovalerate, ≥98%, FCC	83
W246506	Eucalyptol, ≥99%, FCC	51	W350516	3-Methylbutyl 2-methylbutanoate, natural, 70% 3-methylbutyl 2-methylbutanoate basis	84
W246905	Eugenyl acetate, ≥98%, FCC	51	W269700	α-Methylcinnamaldehyde, ≥97%, FCC	84
W507709	l-Fenchone, ≥98%	52	W340804	Methyl dihydrojasmonate, mixture of <i>cis</i> and <i>trans</i> , ≥96%	86
W339008	Fenchyl acetate, mixture of α- and β-, ≥96%	52	W247502	Methyl eugenol, ≥98%, FCC	86
W248207	Fennel oil, FCC	52	W270202	5-Methylfurural, ≥98%	86
W248606	Fenugreek absolute, natural	52	W341002	Methyl jasmonate, ≥95%, FG	88
W248908	Furfural, ≥98%, FCC	53	W271918	Methyl 2-methylbutyrate, ≥98%, FCC	88
W248924	Furfural, natural, ≥98%, FCC	53	W272108	Methyl 4-methylvalerate, ≥97%	89
W250708	Geraniol, ≥97%, FCC, FG	55	W272302	Methyl 8-naphthyl ketone, ≥99%, FCC	89
W250716	Geraniol, natural, ≥97%	55	W273309	Methyl phenylacetate, ≥98%, FCC	92
W250902	Geranyl acetate, FCC, FG	55	W274003	4-Methyl-1-phenyl-2-pentanone, ≥92%, FG	92
W250910	Geranyl acetate, FCC, natural	55	W274518	Methyl salicylate, ≥98%, FCC	93
W251208	Geranyl butyrate, FCC	55	W337501	4-Methylthio-2-butanoate, ≥97%	94
W251216	Geranyl butyrate, natural	55	W276200	Myrcene, ≥90%, FCC, FG	96
W251402	Geranyl formate, FCC	55	W376507	(–)-Myrtenyl acetate, ≥95%	96
W251704	Geranyl propionate, FCC	56	W381101	Neohesperidin dihydrochalcone, ≥85%, FG	96
W251712	Geranyl propionate, natural	56	W625308	Nerolin Yara Yara, ≥99%	97
W328707	Glycine, ≥98.5%, FCC	56	W277304	Neryl acetate, ≥98%, FCC, FG	97
W253901	γ-Heptalactone, ≥98%, FCC, FG	57	W277401	Neryl butyrate, ≥90%	97
W254509	3-Heptanone, 96%	58	W277509	Neryl isobutyrate, ≥97%	97
W254908	Heptyl butyrate, ≥98%	58	W277800	Neryl isovalerate, ≥92%	97
W413201	trans,trans-2,4-Hexadienyl acetate, 97%	59	W335606	δ-Nonalactone, 98%, FCC, FG	98
W255602	γ-Hexalactone, ≥98%, FCC, FG	59	W337900	trans-2-Nonen-1-ol, ≥96%, FCC	99
W255807	2,3-Hexanedione, ≥93%, FG	60			
W256005	trans-2-Hexen-1-al, ≥95%, FCC, FG	60			

Organoleptic properties index

balsamic: sweet

Cat No.	Name	Page	Cat No.	Name	Page
W341606	trans-3-Octen-2-one, ≥98%	101	W268100	4-Methylanisole, ≥99%, FCC	82
W281107	Octyl octanoate, ≥98%	102	W269905	6-Methylcoumarin, ≥99%, FCC, FG	85
W282928	Orris concrete	103	W247502	Methyl eugenol, ≥98%, FCC	86
W342106	4-Oxoisophorone, ≥98%, FG	103	W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89
W284203	2-Pentanone, ≥98%, FCC	105	W336807	4-Methyl-3-penten-2-one, ≥90%	92
W389323	2-Pentyl butyrate, ≥98%	105	W276200	Myrcene, ≥90%, FCC, FG	96
W211613	Peru balsam	106	W339504	(1R)-(-)-Myrtenal, ≥97%	96
W285706	Phenethyl acetate, ≥98%, FCC	106	W343900	Myrtenol, ≥95%	96
W285714	Phenethyl acetate, natural, ≥99%, FCC	106	W282928	Orris concrete	103
W285900	Phenethyl anthranilate, ≥98%, FCC	106	W211613	Peru balsam	106
W286109	Phenethyl butyrate, ≥98%, FCC	107	W287814	Phenylacetic acid, natural, ≥99%	108
W286303	Phenethyl cinnamate, ≥96%	107	W291102	Piperonal, ≥99%, FCC, FG	112
W286605	Phenethyl phenylacetate, ≥98%, FCC	107	W292206	Propenyl guaiethol, ≥99%, FCC	113
W286702	Phenethyl propionate, ≥98%, FG	107	W296309	(R)-(+)-Pulegone, ≥85%	116
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108	W303305	Spike lavender oil	119
W287806	Phenylacetic acid, ≥99%, FCC	108	W377406	Theaspirane, mixture of cis and trans, ≥85%, FG	123
W372609	DL-Phenylalanine, ≥98.5%, FCC	108	W309818	Valeraldehyde, ≥97%	128
W288403	1-Phenyl-1-propanol, ≥97%	109	W310727	Vanillin, natural, ≥97%, FCC, FG	129
W288500	3-Phenyl-1-propanol, ≥98%, FCC	110	W506907	(1S)-(-)-Verbenone, ≥93%	129
W288918	3-Phenylpropionic acid, 99%	110	W311308	Wintergreen oil, China origin	130
W289000	3-Phenylpropyl acetate, ≥98%, FCC	110	W229318	Cinnamyl acetate, ≥98%, FCC	28
W289108	2-Phenylpropyl butyrate, ≥98%	110	W245704	Ethyl pyruvate, ≥97%	50
W289302	3-Phenylpropyl isobutyrate, ≥98%	110	W269905	6-Methylcoumarin, ≥99%, FCC, FG	85
W290807	Piperidine, ≥99%, FCC	112			
W291102	Piperonal, ≥99%, FCC, FG	112			
W292818	1-Propanol, ≥99%	113			
W292826	1-Propanol, natural, ≥98%	113			
W292206	Propenyl guaiethol, ≥99%, FCC	113			
W294306	Propyl formate, ≥97%	114			
W295205	3-Propyldienephthalide, ≥96%	114			
W338605	Pyrole, ≥98%, FCC	116			
W298018	Rhodinal, mixture of -citronellol and geraniol, FCC	117			
W355801	α-Terpinene, ≥89%, FCC, FG	121			
W305200	Terpinyl formate, mixture of isomers, ≥97%	122			
W306606	Thymol, ≥99%, FCC	124			
W308005	Tributyl 2-acetylcitrate, ≥98%	125			
W308307	Triethyl citrate, ≥99%, FCC	125			
W308315	Triethyl citrate, natural, ≥97%	125			
W309109	γ-Decalactone, ≥98%, FCC, FG	127			
W309508	10-Undecenal, ≥90%	128			
W309702	Undecyl alcohol, 97%	128			
W324701	Undecylenic acid, ≥95%	128			
W310700	Vanillin, ≥97%, FCC, FG	129			
W310727	Vanillin, natural, ≥97%, FCC, FG	129			
W312401	Vanillylacetone, ≥96%	129			
W524301	Vetiver acetate, Java	129			
W359505	2,5-Xylenol, ≥99%	130			
vanilla					
W200506	Acetanisole, ≥98%, FCC, FG	8			
W508454	Acetovanillone, ≥98%	8			
W241105	4-Allylanisole, ≥98%, FCC	10			
W205605	Amyl alcohol, ≥99%	13			
W267007	p-Anisaldehyde, ≥97.5%, FCC	14			
W209805	Anisyl acetate, ≥97%, FCC	15			
W209902	Anisyl alcohol, ≥98%, FCC, FG	15			
W209910	Anisyl alcohol, natural, ≥98%, FG	15			
W210218	Anisyl propionate, ≥98%	15			
W212628	Beeswax absolute breche	16			
W288101	Benzylideneacetone, ≥99%	18			
W217808	Butyl alcohol, ≥99.9%, FCC	21			
W326100	2-sec-Butylcyclohexanone, mixture of diastereomers, ≥98%	22			
W504904	Butyrophenone, ≥99%	24			
W222909	(+)-Camphene, 95%, FCC	24			
W223018	D-Camphor, ≥97%	24			
W365807	1,4-Cineole, FG	27			
W228605	trans-Cinnamaldehyde, ≥98%, FCC	27			
W238007	L-Dihydrocarvyl acetate, mixture of isomers, ≥95%	35			
W238104	Dihydrocoumarin, ≥99%, FCC, FG	35			
W379905	1,2-Dimethoxybenzene, ≥99%	36			
W353701	2,6-Dimethyl-4-heptanone, ≥99%	38			
W242209	Ethyl benzoate, ≥99%, FCC	43			
W242217	Ethyl benzoate, natural, ≥99%, FCC	43			
W349100	2-Ethylfenchol, ≥97%, FCC	45			
W246409	Ethyl vanillin, ≥98%, FCC	51			
W246506	Eucalyptol, ≥99% FCC	51			
W507709	L-Fenchone, ≥98%	52			
W254800	Heptyl alcohol, ≥97%, FCC	58			
W259306	Indole, ≥99% FCC	66			
W215805	Isoborneol, ≥95%	68			
W216305	Isobornyl propionate, ≥92%	69			
W321907	Isopentylamine, ≥98%	71			
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79			
W267112	2-Methoxy-4-methylphenol, natural, 97%	79			
W267406	1-(p-Methoxyphenyl)-2-propanone, ≥97%	81			
W267902	Methyl p-anisate, ≥99%	81			
cheesy					
creamy					
W428600	2-Isobutyl-4-methyl-1,3-dioxolane, mixture of isomers, ≥97%	70			
chemical					
alcohol					
W241105	4-Allylanisole, ≥98%, FCC	10			
W206504	α-Armylcinnamyl alcohol, mixture with Amyl hydrocinnamyl alcohol	13			
W209708	Anisole, ≥99% FCC	15			
W315605	4-Ethylphenol, ≥98%	49			
W335118	3-Hexanol, ≥97%	60			
W392405	cis-2-Hexen-1-ol, ≥90%	61			
W374806	L-Menthyl lactate, ≥97%	78			
W284203	2-Pentanone, ≥98% FCC	105			
W292818	1-Propanol, ≥99%	113			
W292826	1-Propanol, natural, ≥98%	113			
plastic					
W239704	1,3-Diphenyl-2-propanone, ≥98%, FG	40			
W357502	(±)-4-Methyloctanoic acid, ≥98%, FG	90			
W323306	Styrene, ≥99%	120			
W304603	Terpinolene, ≥90%	121			
sulfurous					
W205503	Ammonium sulfide solution, 20 wt. % in H ₂ O	13			
W382604	2,5-Dihydroxy-1,4-dithiane, mixture of isomers, ≥97%	36			
W366609	2,6-Dimethylbenzenothiol, ≥95%	37			

Organoleptic properties index

chemical: *sulfurous*

Cat No.	Name	Page
W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%	38
W274615	Dimethyl sulfide, redistilled, ≥99%, FCC	40
W274623	Dimethyl sulfide, natural, ≥99%, FCC, FG	40
W249300	Furfuryl mercaptan, ≥97%, FG	54
W382701	Isopropyl disulfide, ≥96%	72
W350206	2-Mercapto-3-butanol, mixture of isomers, ≥97%, FG	78
W350303	2-,3-,10-Mercaptопinanе, mixture of isomers, 95%	79
W357308	Methyl 2-methyl-3-furyl disulfide	89
W394904	2-Methyl-3-methylthifuran, ≥98%	89
W272000	Methyl 3-(methylthio)propanoate, ≥98%, FG	89
W378704	2-Methyl-3-tetrahydrofuranthiol, mixture of <i>cis</i> and <i>trans</i> , ≥97%, FG	94
W550701	2-Methyl-3-tetrahydrofuranthiol solution, 1.0 wt. % in propylene glycol	94
W518123	2-Methyl-2-thiazoline, 98%	94
W331104	Methyl 2-thiofuroate, ≥98%	94
W351318	1,9-Nonanedithiol, ≥95%	98
W351407	1,8-Octanedithiol, ≥97%	100
W322504	Phenyl disulfide, ≥98%	109
W389706	2-Propanethiol, ≥98%	113
W352101	Propyl mercaptan, ≥98%	114
W323004	Pyrazineethanethiol, ≥97%, FG	116
W347507	Trithioacetone, ≥99%, FG	127

citrus

lemon

W382108	3-Carene	25
W224820	4-Carvomenthenol, natural, ≥92%	25
W224847	4-Carvomenthenol, ≥92%, FCC	25
W230316	Citral, natural, ≥95%, FCC	28
W230308	Citral, mixture of <i>cis</i> and <i>trans</i> , ≥96%	28
W230502	Citral dimethyl acetal, ≥95%	29
W230707	(±)-Citronellal, ≥80%	29
W230715	(±)-Citronellal, natural, ≥85%, FCC	29
W230804	Citronella oil, Chinese 85/35	29
W230812	Citronella oil, Java, natural, 85/35%	29
W231118	Citronellyl acetate, FCC	29
W238902	2,6-Dimethyl-5-heptenal, FCC, FG	38
W412101	Geranic acid, 85%	55
W252204	Ginger oil, FCC, FG, natural	56
W316504	trans-2-Heptenal, ≥95%	58
W262501	Lemon oil, rectified, Argentina origin	75
W262528	Lemon oil, cold-pressed, California origin	75
W263303	(R)-(+)-Limonene, ≥93%	75
W263508	Linalool, ≥97%, FCC, FG	75
W268208	Methyl anthranilate, ≥98%, FCC, FG	82
W268216	Methyl anthranilate, natural (US), ≥99%, FG	82
W277304	Neryl acetate, ≥98%, FCC, FG	97
W278203	Nonanal, ≥95%, FCC	98
W341606	trans-3-Octen-2-one, ≥98%	101
W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108
W298018	Rhodinol, mixture of <i>l</i> -citronellol and geraniol, FCC	117
W355801	α-Terpinene, ≥89%, FCC, FG	121
W309702	Undecyl alcohol, 97%	128

lime

W224820	4-Carvomenthenol, natural, ≥92%	25
W224847	4-Carvomenthenol, ≥92%, FCC	25
W349100	2-Ethylfenchol, ≥97%, FCC	45
W383902	Farnesene, mixture of isomers	52
W263109	Lime oil, purified by distillation, FCC, Mexico origin	75
W268208	Methyl anthranilate, ≥98%, FCC, FG	82
W268216	Methyl anthranilate, natural (US), ≥99%, FG	82
W339504	(1 <i>R</i>)-(−)-Myrtenal, ≥97%	96
W277304	Neryl acetate, ≥98%, FCC, FG	97
W278203	Nonanal, ≥95%, FCC	98
W296309	(R)-(+)-Pulegone, ≥85%	116
W309702	Undecyl alcohol, 97%	128

melon

W358118	3-Octanol, ≥97%, FCC, FG	100
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orange

W212628	Beeswax absolute breche	16
W503800	3-Decanone, ≥97%	33
W396605	3-Decanone, ≥97%	33
W236608	trans-2-Decenal, ≥92%, FCC	33
W326402	cis-4-Decenal, ≥90%, FCC	33
W236705	n-Decyl acetate, ≥95%	34
W271802	Dimethyl anthranilate, ≥97%	37
W271810	Dimethyl anthranilate, natural, ≥98%	37
W240206	trans-2-Dodecenal, ≥93%, FCC	41
W247804	Farnesol, mixture of isomers, ≥95%	52
W256102	cis-3-Hexenal solution, 50% in triacetin, FG	60
W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG	61

Cat No.	Name	Page
W392901	cis-3-Hexenyl isobutyrate, >98%	62
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
W263303	(<i>R</i>)-(+) Limonene, ≥93%	75
W263508	Linalool, ≥97%, FCC, FG	75
W265713	Mandarin oil, Italian, FCC	77
W265721	Mandarin oil, Argentina	77
W266825	L-Menthyl acetate, natural, ≥98%, FCC	78
W266809	D-L-Menthyl acetate, ≥97%, FCC	78
W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89
W381101	Neohesperidi dihydrochalcone, ≥85%, FG	96
W277304	Neryl acetate, ≥98%, FCC, FG	97
W277401	Neryl butyrate, ≥90%	97
W277509	Neryl isobutyrate, ≥97%	97
W278203	Nonanal, ≥95%, FCC	98
W280011	1-Octanol, natural, ≥98%, FCC	100
W280712	Octyl butyrate, natural (US), ≥95%	102
W280909	Octyl formate, ≥97%, FCC	102
W321818	trans-2-Pentenal, ≥95%, FG	105
W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108
W309206	Undecanal, ≥96%, FCC	127
W342300	trans-2-Undecenal, ≥90%	128
W211300	Balm leaves oil, natural	16

other

W213705	Benzyl alcohol, ≥99%, FCC, FG	17
W524018	o-tert-Butylcyclohexyl acetate, mixture of isomers, ≥99%	22
W224111	Cardamom oil, FCC	25
W230405	Citral diethyl acetal, ≥93%	29
W230715	(±)-Citronellal, natural, ≥85%, FCC	29
W231118	Citronellyl acetate, FCC	29
W235601	p-Cymene, ≥97%, FCC	32
W342017	Damascenone, natural, 1.1-1.3 wt. % (190 proof ethanol), FG	32
W313505	trans,trans-2,4-Decadienal, FG	32
W236209	Decanal, ≥95%, FCC	33
W236217	Decanal, natural, ≥92%	33
W236306	Decanal dimethyl acetal, ≥98%	33
W236403	Decanoic acid, ≥98%, FCC, FG	33
W236608	trans-2-Decenal, ≥92%, FCC	33
W353205	3-Decen-2-one, predominantly <i>trans</i> , ≥97%	34
W236802	Decyl butyrate, 97%	34
W505005	Diethyl maleate, ≥96%	34
W366501	2,2-Dimethyl-5-(1-methylpropen-1-yl)tetrahydrofuran, ≥98%	38
W242500	2-Ethylbutyl acetate, ≥98%	44
W534503	Ethyl 3-hydroxyhexanoate, ≥98%, FG	46
W242802	Ethyl isobutyrate, ≥98%, FCC, FG	46
W334308	Ethyl 3-(methylthio)propanoate, ≥99%, FCC	48
W246506	Eucalyptol, ≥99%, FCC	51
W250406	Genet absolute, natural	55
W252204	Ginger oil, FCC, FG, natural	56
W254703	Heptyl acetate, ≥98%, FG	58
W254800	Heptyl alcohol, ≥97%, FCC	58
W342904	trans,trans-2,4-Hexadienal, ≥95%	59
W208205	Isoamyl propionate, ≥98%, FCC	68
W355305	Isophorone, ≥97%	71
W261602	Lauryl acetate, ≥98%	74
W263303	(<i>R</i>)-(+) Limonene, ≥93%	75
W263508	Linalool, ≥97%, FCC, FG	75
W264202	Linalyl formate, FCC	76
W265713	Mandarin oil, Italian, FCC	77
W265721	Mandarin oil, Argentina	77
W350303	2-,3-,10-Mercaptопinanе, mixture of isomers, 95%	79
W268208	Methyl anthranilate, ≥98%, FCC, FG	82
W268216	Methyl anthranilate, natural (US), ≥99%, FG	82
W272809	Methyl octanoate, 99%	90
W425301	Methyl 10-undecenoate, 96%	95
W277002	Nerol, FCC, ≥97%	96
W277207	Nerolidol, mixture of <i>cis</i> and <i>trans</i> , FCC	97
W277304	Neryl acetate, ≥98%, FCC, FG	97
W278203	Nonanal, ≥95%, FCC	98
W278513	2-Nonanone, natural, ≥97%, FCC	98
W358002	cis-6-Nonenal, ≥92%, FG	99
W278904	Nonyl alcohol, ≥98%, FCC	99
W279706	Octanal, ≥92%, FCC	100
W279714	Octanal, natural, ≥92%, FCC	100
W280003	1-Octanol, ≥98%, FCC, FG	100
W388718	trans-2-Octen-1-ol, 97%	101
W280704	Octyl butyrate, ≥98%, FG	102
W280909	Octyl formate, ≥97%, FCC	102
W285706	Phenethyl acetate, ≥98%, FCC	106
W285714	Phenethyl acetate, natural, ≥99%, FCC	106
W355909	γ-Terpinene, ≥95%, FCC	121
W304700	Terpinyl acetate, ≥95%	121
W305200	Terpinyl formate, mixture of isomers, ≥97%	122
W306401	Thyme oil, red	124
W306509	Thyme oil, white, FCC	124

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citrus: other

Cat No.	Name	Page	Cat No.	Name	Page			
W308218	trans-2-Tridecenal, ≥92%, FCC.	125	W316318	2-Furyl methyl ketone, ≥99%, FG.	54			
W347507	Trithioacetone, ≥99%, FG.	127	W254800	Heptyl alcohol, ≥97%, FCC.	58			
W309303	2-Undecanone, ≥98%, FCC, FG	128	W255505	ω-6-Hexadecenolactone, ≥98%	59			
W309311	2-Undecanone, natural, ≥97%, FCC.	128	W316903	trans-2-Hexenoic acid, ≥98%, FG.	61			
W309508	10-Undecenal, ≥90%	128	W257605	Hexyl propionate, ≥97%, FG.	64			
W310905	Veratraldehyde, ≥98%, FG.	129	W288705	Hydrocinnamaldehyde, ≥90%, FCC.	65			
coffee								
W200301	Acetaldehyde, ≥99%, FCC	8	W501808	5-(Hydroxymethyl)furfural, ≥99%.	66			
W200336	Acetaldehyde, natural, ≥99%, FCC, FG	8	W259306	Indole, ≥99%, FCC	66			
W332909	S-Allyl thiopropionate, ≥95%	12	W220841	α-Isobutylphenethyl alcohol, 98%	70			
W326909	3,5-Dimethyl-1,2-cyclopentadiene, ≥97%, FG	37	W221107	Isobutyl phenylacetate, ≥98%, FCC	70			
W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%	38	W368709	2-Methoxyphenyl acetate, ≥98%	80			
W363413	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 10 wt. % in propylene glycol	38	W266208	Methyl anthranilate, ≥98%, FCC, FG	82			
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%	38	W266216	Methyl anthranilate, natural (US), ≥99%, FG	82			
W327102	2,3-Dimethylpyrazine, ≥95%, FCC, FG	39	W439800	2-Methylbenzoxazole, 99%	82			
W327301	2,6-Dimethylpyrazine, ≥98%, FG	39	W268909	α-Methylbenzyl propionate, >98%	82			
W354007	2,6-Dimethylpyridine, ≥99%	39	W247502	Methyl eugenol, ≥98%, FCC	86			
W503401	2,4-Dimethylthiazole, ≥95%	40	W343609	1-Methyl-3-methoxy-4-isopropylbenzene, 98%	88			
W3673703	2-Ethylfuran, ≥99%	45	W357502	(±)-4-Methyloctanoic acid, ≥98%, FG	90			
W367400	Ethyl 3-(fururylthio)propionate, ≥98%	45	W337218	2-(1-Methylpropyl)thiazole, ≥98%	93			
W315214	3-Ethyl-2-hydroxy-2-cyclopenten-1-one solution, 50 wt. % in propylene glycol	46	W518123	2-Methyl-2-thiazoline, 98%	94			
W383503	Ethyl (methylthio)acetate, ≥98%	48	W311007	Methyl thiobutyrate, ≥97%, FG	94			
W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG	49	W320803	(Methylthio)methylpyrazine, mixture of isomers, ≥98%, FG	95			
W339407	3-Ethylpyridine, ≥98%, FG	50	W358118	3-Octanol, ≥97%, FCC, FG	100			
W328200	Ethyl thioacetate, ≥98%	50	W280305	3-Octanone, ≥98%, FG	101			
W315818	2-Furanyl methanethiol formate, ≥97%	53	W361208	1-Octen-3-yl butyrate, ≥97%, FCC	101			
W316105	Furfuryl isopropyl sulfide, ≥98%	53	W280704	Octyl butyrate, ≥98%, FG	102			
W249300	Furfuryl mercaptan, ≥97%, FG	54	W342106	4-Oxoisophorone, ≥98%, FG	103			
W316008	Furfuryl methyl sulfide, ≥97%	54	W284203	2-Pentanone, ≥98%, FCC	105			
W334707	Furfuryl thiopropionate, ≥98%	54	W286508	Phenethyl 2-furoate, ≥98%	107			
W316318	2-Furyl methyl ketone, ≥99%, FG	54	W287814	Phenylacetic acid, natural, ≥99%	108			
W316315	2-Furyl methyl ketone, natural (US), ≥97%, FG	54	W292818	1-Propanol, ≥99%	113			
W354708	3-Heptanol, ≥98%	58	W292303	Propionaldehyde, ≥97%	113			
W316814	3,4-Hexanedione, ≥90%	60	W298018	Rhodinol, mixture of L-citronellol and geraniol, FCC	117			
W317411	4-Hydroxy-2,5-dimethyl-3(2H)-furanone solution, 10 wt. % in propylene glycol	65	W233500	4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran, ≥95%	122			
W329800	3-Mercapto-2-butanon, ≥80%	78	W323705	2,3,5,6-Tetramethylpyrazine, ≥98%, FG	123			
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79	W323713	2,3,5,6-Tetramethylpyrazine, natural, ≥98%, FG	123			
W267112	2-Methoxy-4-methylphenol, natural, 97%	79	W309109	γ-Undecalactone, ≥98%, FCC, FG	127			
W415901	2-Methoxythiophenol, ≥97%	81	other					
W268208	Methyl anthranilate, ≥98%, FCC, FG	82	W504409	Amyl acetate, ≥99%	13			
W268216	Methyl anthranilate, natural (US), ≥99%, FG	82	W206806	Amyl formate, ≥95%, FG	13			
W269107	2-Methylbutyraldehyde, ≥90%	84	W208800	Angelica root oil, natural	14			
W270008	Methyl cyclopentenolone, 98%, FCC, FG	85	W3611704	Benzyl disulfide, 98%	18			
W318809	2-Methyl-3-furanthiol, ≥85%, FG	86	W387800	Bis(methylthio)methane, ≥99%, FG	19			
W336203	Methyl furfuryl disulfide, ≥95%, FG	86	W382418	1-Decen-3-ol, ≥98%	34			
W343609	1-Methyl-3-methoxy-4-isopropylbenzene, 98%	88	W353205	3-Decen-2-one, predominantly trans, ≥97%	34			
W357308	Methyl 2-methyl-3-furyl disulfide	89	W313602	2,3-Diethylpyrazine, ≥98%	35			
W394904	2-Methyl-3-methylthiofuran, ≥98%	89	W237701	Diethyl succinate, ≥99%, FCC, FG	35			
W320307	5-Methylquinoxaline, ≥99%, FG	93	W238503	1,3-Dimethoxybenzene, ≥98%, FG	36			
W378704	2-Methyl-3-tetrahydrofuranthiol, mixture of cis and trans, ≥97%, FG	94	W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38			
W320803	(Methylthio)methylpyrazine, mixture of isomers, ≥98%, FG	95	W242500	2-Ethylbutyl acetate, ≥98%	44			
W297003	Pyruvic acid, ≥97%	116	W349100	2-Ethylfenchol, ≥97%, FCC	45			
W297070	Pyruvic acid, natural, ≥80%	116	W315508	2-Ethyl-3-methylpyrazine, ≥98%, FCC, FG	48			
W323705	2,3,5,6-Tetramethylpyrazine, ≥98%, FG	123	W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG.	49			
W323713	2,3,5,6-Tetramethylpyrazine, natural, ≥98%, FG	123	W339407	3-Ethylpyridine, ≥98%, FG.	50			
W323802	2,2'-(Thiodimethylene)difuran, ≥98%, FG	123	W328405	1-Furfurylpyrrole, ≥98%	54			
W306207	2-Thiophenethyl, FG	123	W328804	2-Heptanol, ≥97%	57			
W306606	Thymol, ≥99%, FCC	124	W329002	3-Hexanone, ≥97%	60			
W332518	2,4,5-Trimethylthiazole, ≥98%, FG	126	W393118	cis-3-Hexenyl tiglate, ≥97%	63			
earthy								
mushroom								
W369608	6-Amyl-α-pyrone, ≥96%, FG	13	W288705	Hydrocinnamaldehyde, ≥90%, FCC	65			
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%	38	W259306	Indole, ≥99%, FCC	66			
W351504	1-Octen-3-one solution, 50 wt. % in 1-octen-3-ol, FG	101	W355518	2-Isopropyl-4-methylthiazole, ≥98%, FG	72			
musty								
W205001	Ambrette seed absolute	12	W261718	Lauryl alcohol, ≥98%	74			
W326100	2-sec-Butylcyclohexanone, mixture of diastereomers, ≥98%	22	W265101	Lovage oil	76			
W348007	o-Cresol, ≥99%	31	W416301	2'-Methoxyacetophenone, 99%	79			
W234907	Cyclohexyl acetate, ≥98%, FG	31	W355800	2-Methoxy-3(5 or 6)-isopropylpyrazine, ≥98%	80			
W344818	Dicyclohexyl disulfide, ≥94%	34	W268003	2-Methylanisole, ≥99%	81			
W237701	Diethyl succinate, ≥99%, FCC, FG	35	W268607	α-Methylbutyl butyrate, ≥99%	82			
W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%	38	W268909	α-Methylbenzyl propionate, ≥98%	82			
W240001	γ-Dodecalactone, ≥97%, FCC	41	W503908	2-Methyl-3-buten-2-ol, ≥98%	83			
W242500	2-Ethylbutyl acetate, ≥98%	44	W330604	5/H-5-Methyl-6,7-dihydrocyclopenta[b]pyrazine, ≥97%, FG	85			
W354309	Ethylene brassylate, ≥95%	45	W247502	Methyl eugenol, ≥98%, FCC	86			
W328103	2-Ethylpyrazine, ≥98%, FG	50	W343609	1-Methyl-3-methoxy-4-isopropylbenzene, 98%	88			
W339407	3-Ethylpyridine, ≥98%, FG	50	W319309	1-Methylphthalene, ≥90%	89			
W246107	Ethyl 10-undecenoate, ≥97%	51	W356905	2-Methyl-3(5 or 6)-ethoxypyrazine, mixture of isomers, 99%	90			
W339709	Furfuryl pentanoate, ≥97%	54	W341304	2-Methylpentanal, ≥97%	91			
Place an order with your local SAFC representative (see back for contacts).								

Organoleptic properties index

earthy: other

Cat No.	Name	Page
W341606	trans-3-Octen-2-one, ≥98%	101
W361208	1-Octen-3-yl butyrate, ≥97%, FCC	101
W280801	Octyl isobutyrate, ≥98%, FCC	102
W322407	2-Phenyl-1-butenal, mixture of <i>cis</i> and <i>trans</i> , ≥97%	109
W322504	Phenyl disulfide, ≥98%	109
W288802	2-Phenylpropionaldehyde dimethyl acetal, ≥97%, FCC	110
W292818	1-Propanol, ≥99%	113
W322806	Propyl disulfide, ≥97%, FG	114
W323500	4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran, ≥95%	122
W323608	Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2 <i>H</i> -pyran, mixture of <i>cis</i> and <i>trans</i> , ≥98%	122
W332305	2-Thienyl disulfide, ≥95%	123
W323802	2,2'-(Thiodimethylene)difuran, ≥98%, FG	123
W306606	Thymol, ≥99%, FCC	124
W352403	3,5,5-Trimethylhexanal, ≥95%	126
W347507	Trithioacetone, ≥99%, FG	127
W309109	γ-Undecalactone, ≥98%, FCC, FG	127
W310107	Valeric acid, ≥99%, FCC	128
W311901	Ylang-ylang oil, III	130

etheral

musty

W428600 2-Isobutyl-4-methyl-1,3-dioxolane, mixture of isomers, ≥97% 70

other

W200301	Acetaldehyde, ≥99%, FCC	8
W200336	Acetaldehyde, natural, ≥99%, FCC, FG	8
W200328	Acetaldehyde solution, 50 wt. % in ethanol	8
W200409	Acetaldehyde phenethyl propyl acetal, ≥95%	8
W332607	Acetone, ≥99%, FCC	8
W332615	Acetone, natural, ≥97%	8
W202908	Allyl 2-ethylbutyrate, ≥98%	11
W204005	Allyl propionate, ≥99%	12
W504009	Amyl acetate, ≥99%	13
W206806	Amyl formate, ≥95%, FG	13
W209708	Anisole, ≥99%, FCC	15
W217018	2-Butanone, ≥99.5%, FCC, FG	21
W221805	Butyl isovalerate, ≥98%, FCC, FG	23
W221104	Butyl propionate	23
W221708	Butyl valerate, ≥98%	23
W221902	Butyraldehyde, ≥98%	24
W221910	Butyraldehyde, natural, ≥95%	24
W353000	<i>m</i> -Cresol, ≥98%	31
W236918	Decyl propionate, ≥96%	34
W500615	Diacetin	34
W353701	2,6-Dimethyl-4-heptanone, ≥99%	38
W241407	Ethyl acetate, ≥99%, FCC	42
W241415	Ethyl acetate, natural, ≥99%, FCC	42
W241512	Ethyl acetoacetate, natural, 99%, FG	42
W241504	Ethyl acetoacetate, ≥99%, FCC	42
W348600	Ethyl <i>trans</i> -2-butenoate, ≥96%, FG	43
W242500	2-Ethylbutyl acetate, ≥98%	44
W242705	Ethyl butyrate, ≥98%, FCC	44
W242713	Ethyl butyrate, natural, ≥98%, FCC	44
W506109	Ethyl chrysanthemate, mixture of <i>cis</i> and <i>trans</i> , ≥95%	44
W243418	Ethyl formate, ≥97%, FCC, FG	45
W367303	2-Ethylfuran, ≥99%	45
W244201	Ethyl levulinate, ≥98%, FCC, FG	47
W383503	Ethyl (methylthio)acetate, ≥98%	48
W245518	Ethyl 3-phenylpropionate, ≥98%	49
W245607	Ethyl propionate, ≥97%, FCC, FG	50
W245615	Ethyl propionate, natural, ≥97%, FCC, FG	50
W245909	Ethyl sorbate, ≥97%	50
W315818	2-Furamethanethiol formate, ≥97%	53
W254509	3-Heptanone, 96%	58
W335118	3-Hexanol, ≥97%	60
W329002	3-Hexanone, ≥97%	60
W360805	1-Hexen-3-ol, ≥98%	61
W335207	4-Hexen-3-one, ≥92%	61
W392901	<i>cis</i> -3-Hexenyl isobutyrate, >98%	62
W257001	Hexyl formate, ≥97%	64
W217506	Isobutyl acetate, ≥98%, FCC, FG	69
W218707	Isobutyl butyrate, ≥98%, FCC, FG	69
W219703	Isobutyl formate, ≥95%, FG	69
W218901	Isobutyl isobutyrate, ≥97%	70
W292605	Isopropyl acetate, ≥99%, FCC	71
W369918	Isopropyl 2-methylbutyrate, ≥98%	72
W295604	Isopropyl phenylacetate, ≥99%	73
W267600	Methyl acetate, ≥98%	81
W269301	Methyl butyrate, ≥98%, FG	84
W270806	Methyl hexanoate, ≥99%, FG	87
W270814	Methyl hexanoate, natural, ≥99%	87
W350818	Methyl 3-hydroxyhexanoate, ≥97%, FG	87
W341304	2-Methylpentanal, ≥97%	91

Cat No.	Name	Page
W273104	4-Methyl-2-pentanone, ≥99%, FCC	91
W277800	Neryl isovalerate, ≥92%	97
W284203	2-Pentanone, ≥98%, FCC	105
W292303	Propionaldehyde, ≥97%	113
W293415	Propyl butyrate, natural, ≥95%	114
W294306	Propyl formate, ≥97%	114
W338605	Pyrrole, ≥98%, FCC	116

fatty

butter

W200506	Acetanisole, ≥98%, FCC, FG	8
W203718	Allyl octanone, ≥99%	11
W209708	Anisole, ≥99%, FCC	15
W214000	Benzyl butyrate, ≥98%, FCC, FG	17
W288101	Benzylideneacetone, ≥99%	18
W219002	Butyl butyryllactate, ≥98%, FCC	22
W219010	Butyl butyryllactate, natural (US), ≥98%	22
W221600	Butyl 10-undecenoate, ≥98%	23
W527211	Butyric anhydride, ≥97.5%	24
W236101	δ-Decalactone, ≥98%, FCC	33
W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33
W326607	4,5-Dihydro-3(2 <i>H</i>)-thiophenone, ≥98%, FG	36
W240109	δ-Dodecalactone, ≥98%, FCC, FG	41
W244007	Ethyl lactate, ≥98%, FCC, FG	47
W244015	Ethyl lactate, natural, ≥98%, FCC	47
W328103	2-Ethylpyrazine, ≥98%, FG	50
W254304	2,3-Heptanedione, ≥97%, FG	57
W354708	3-Heptanol, ≥98%	58
W328901	<i>cis</i> -4-Heptenal, ≥98%, FCC, FG	58
W255807	2,3-Heptanedione, ≥93%, FG	60
W340200	<i>cis</i> -3-Hexenyl butyrate, ≥98%	62
W501808	5-(Hydroxymethyl)furfural, ≥99%	66
W259306	Indole, ≥99%, FCC	66
W222208	Isobutyric acid, ≥99%, FCC	70
W292907	Isopropyl alcohol, ≥99.7%, FCC	71
W318809	2-Methyl-3-furanthiol, ≥85%, FG	86
W270601	2-Methylheptanoic acid, ≥97%	87
W376108	5-Methyl-2-hepten-4-one, predominantly <i>trans</i> , 98%, FG	87
W387509	Methyl sulfoxide, ≥99%	93
W337307	2-Methyltetrahydrofuran-3-one, ≥97%, FG	94
W351202	2-Methyltetrahydrothiophen-3-one, ≥97%	94
W335606	δ-Nonalactone, 98%, FCC, FG	98
W278513	2-Nonanone, natural, ≥97%, FCC	98
W280305	3-Octanone, ≥98%, FG	101
W341606	<i>trans</i> -3-Octen-2-one, ≥98%	101
W361208	1-Octen-3-yl butyrate, ≥97%, FCC	101
W284300	4-Pentenoic acid, ≥98%, FG	105
W358401	1-Penten-3-ol, ≥98%, FG	105
W322601	1-Phenyl-1,2-propanedione, 98%, FG	109
W342203	<i>trans,trans</i> -2,4-Undecadienial, ≥90%	127
W329401	δ-Undecalactone, >97%	127

cheese

W209708	Anisole, ≥99%, FCC	15
W213802	Benzyl benzoate, ≥99%, FCC	17
W214000	Benzyl butyrate, ≥98%, FCC, FG	17
W387800	Bis(methylthio)methane, ≥99%, FG	19
W333204	Butan-3-one-2-yl butanoate, ≥98%, FCC	21
W219002	Butyl butyryllactate, ≥98%, FCC	22
W219010	Butyl butyryllactate, natural (US), ≥98%	22
W222100	Butyric acid, ≥99%	24
W222119	Butyric acid, natural, ≥99%, FCC, FG	24
W382418	1-Decen-3-ol, ≥98%	34
W240109	δ-Dodecalactone, ≥98%, FCC, FG	41
W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG	49
W254304	2,3-Heptanedione, ≥97%, FG	57
W334812	Heptanoic acid, natural, ≥98%	57
W254606	4-Heptanone, ≥97%	58
W255904	Hexanoic acid, ≥98%, FCC, FG	60
W255912	Hexanoic acid, natural, ≥98%, FCC	60
W317004	trans-3-Hexenoic acid, ≥98%	61
W392618	trans-2-Hexenyl butyrate, ≥96%	62
W257605	Hexyl propionate, ≥97%, FG	64
W259306	Indole, ≥99%, FCC	66
W355690	Isopropyl myristate, ≥98%	72
W312040	Isovaleric acid, ≥99%, FCC	73
W265101	Lovage oil	76
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79
W267112	2-Methoxy-4-methylphenol, natural, 97%	79
W269506	2-Methylbutyric acid, ≥98%, FG	84
W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84
W270601	2-Methylheptanoic acid, ≥97%	87
W394904	2-Methyl-3-methylthiophuran, ≥98%	89

Organoleptic properties index

fatty: cheese

Cat No.	Name	Page	Cat No.	Name	Page				
W357502	(±)-4-Methyloctanoic acid, ≥98%, FG	90	W236608	trans-2-Decenal, ≥92%, FCC	33				
W275409	2-Methylpentanoic acid, ≥98%, FCC, FG	91	W240109	δ-Dodecalactone, ≥98%, FCC, FG	41				
W346306	4-Methylpentanoic acid, ≥98%, FCC, FG	91	W242500	2-Ethylbutyl acetate, ≥98%	44				
W351105	2-Methyl-4-pentenoic acid, ≥98%	91	W243205	Ethyl decanoate, ≥98%, FCC, FG	44				
W331007	Methyl thiobutyrate, ≥97%, FG	94	W243213	Ethyl decanoate, natural, ≥98%, FCC	44				
W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95	W315109	2-Ethyl-1-hexanol, ≥99%	46				
W278408	Nonanoic acid, ≥96%	98	W244708	Ethyl nonanoate, ≥98%, FCC, FG	48				
W278505	2-Nonanone, ≥99%	98	W247804	Farnesol, mixture of isomers, ≥95%	52				
W278513	2-Nonanone, natural, ≥97%, FCC	98	W249300	Furfuryl mercaptan, ≥97%, FG	54				
W344001	3-Nonanone, >96%, FG	98	W254002	Heptanal, ≥92%, FCC	57				
W279927	Octanoic acid, natural, ≥98%	100	W254304	2,3-Heptanedione, ≥97%, FG	57				
W358126	3-Octanol, natural, ≥97%, FCC, FG	100	W328804	2-Heptanol, ≥97%	57				
W280305	3-Octanone, ≥98%, FG	101	W254703	Heptyl acetate, ≥98%, FG	58				
W280518	1-Octen-3-ol, ≥98%, FCC, FG	101	W254800	Heptyl alcohol, ≥97%, FCC	58				
W284203	2-Pentanone, ≥98%, FCC	105	W255007	2,3-Hexanedione, ≥93%, FG	60				
W284300	4-Pentenoic acid, ≥98%, FG	105	W257605	Hexyl propionate, ≥97%, FG	64				
W287814	Phenylacetic acid, natural, ≥99%	108	W205702	Isoamyl alcohol, ≥98%	67				
W292303	Propionaldehyde, ≥97%	113	W205710	Isoamyl alcohol, natural, ≥98%, FG	67				
W294918	Propyl hexanoate, ≥98%	114	W369918	Isopropyl 2-methylbutyrate, ≥98%	72				
W305707	Tetrahydrofurfuryl butyrate, ≥97%	122	W266825	L-Menthyl acetate, natural, ≥98%, FCC	78				
W332100	5,6,7,8-Tetrahydroquinoxaline, ≥97%, FG	123	W266809	D-L-Menthyl acetate, ≥97%, FCC	78				
W323802	2,2'-(Thiodimethylene)difuran, ≥98%, FG	123	W359807	2-Methoxy-4-propylphenol, ≥99%	81				
creamy									
W267007	p-Anisaldehyde, ≥97.5%, FCC	14	W503908	2-Methyl-3-but-en-2-ol, ≥98%	83				
W209805	Anisyl acetate, ≥97%, FCC	15	W505501	Methyl decanoate, ≥99%	85				
W288101	Benzylideneacetone, ≥99%	18	W247502	Methyl eugenol, ≥98%, FCC	86				
W219002	Butyl butyryllactate, ≥98%, FCC	22	W270709	6-Methyl-5-hepten-2-one, ≥98%, FCC	87				
W219010	Butyl butyryllactate, natural (US), ≥98%	22	W270733	6-Methyl-5-hepten-2-one, natural, ≥98%, FCC	87				
W507318	4-tert-Butylcyclohexyl acetate, ≥98%	22	W350818	Methyl 3-hydroxyhexanoate, ≥97%, FG	87				
W220507	Butyl (S)-(-)-lactate, ≥97%	23	W504807	Methyl stearate, ≥96%	93				
W221902	Butyraldehyde, ≥98%	24	W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95				
W236101	δ-Decalactone, ≥98%, FCC	33	W425301	Methyl 10-undecenoate, 96%	95				
W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33	W276405	Mysteric acid, FCC, FG	96				
W238104	Dihydrocoumarin, ≥99%, FCC, FG	35	W277304	Neryl acetate, ≥98%, FCC, FG	97				
W379905	1,2-Dimethoxybenzene, ≥99%	36	W395218	trans-2,cis-6-Nonadienyl acetate, mixture of isomers, ≥97%	98				
W240109	δ-Dodecalactone, ≥98%, FCC, FG	41	W278203	Nonanal, ≥95%, FCC	98				
W314803	Ethyl 2-trans-4-cis-decadienoate, ≥80%, FG	44	W278505	2-Nonanone, ≥99%	98				
W255807	2,3-Hexanedione, ≥93%, FG	60	W278513	2-Nonanone, natural, ≥97%, FCC	98				
W316814	3,4-Hexanedione, ≥90%	60	W279900	Octanoic acid, ≥98%, FG	100				
W257605	Hexyl propionate, ≥97%, FG	64	W280100	2-Octanol, ≥97%	100				
W207705	Isoamyl laurate, ≥97%	68	W358118	3-Octanol, ≥97%, FCC, FG	100				
W293504	Isopropyl butyrate, ≥98%	72	W281107	Octyl octanoate, ≥98%	102				
W376418	Menthilactone, ≥99%	77	W282928	Orris concrete	103				
W356700	trans-p-Methoxycinnamaldehyde, ≥98%	79	W331600	2-Pentanol, ≥98%	104				
W267406	1-(p-Methoxyphenyl)-2-propanone, ≥97%	81	W355704	(S)-(-)-Perillaldehyde, ≥92%	106				
W267902	Methyl p-anisate, ≥99%	81	W295509	Propyl propionate, ≥98%, FCC	116				
W269018	Methyl p-tert-butylphenylacetate, ≥95%, FG	84	W298018	Rhodinol, mixture of L-citronellol and geraniol, FCC	117				
W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84	W523704	Rose oil,Turkish	117				
W269905	6-Methylcoumarin, ≥99%, FCC, FG	85	W324108	Trimethylamine solution, 25 wt % in H ₂ O	125				
W356808	Methyl cyclohexanecarboxylate, ≥98%	85	W332402	3,5,5-Trimethyl-1-hexanol, ≥85%	126				
W247502	Methyl eugenol, ≥98%, FCC	86	W324507	Undecanoic acid, ≥97%	127				
W270601	2-Methylheptanoic acid, ≥97%	87	SOUR						
W271500	Methyl laurate, ≥98%	88	W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28				
W343706	3-Methylpentanoic acid, ≥98%, FG	91	W242918	2-Ethylbutyric acid, ≥98%, FCC	44				
W331104	Methyl 2-thiophuroate, ≥98%	94	W248800	Fumaric acid, ≥99%, FCC	53				
W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95	W334804	Heptanoic acid, 97%	57				
W279609	γ-Octalactone, ≥97%, FCC, FG	100	W255904	Hexanoic acid, ≥98%, FCC, FG	60				
W280518	1-Octen-3-ol, ≥98%, FCC, FG	101	W255912	Hexanoic acid, natural, ≥98%, FCC	60				
W280801	Octyl isobutyrate, ≥98%, FCC	102	W269204	Isovaleraldehyde, ≥97%	73				
W372307	2-Oxobutyric acid, ≥97%	103	W262501	Lemon oil, rectified, Argentina origin	75				
W291102	Piperonal, ≥99%, FCC, FG	112	W262528	Lemon oil, cold-pressed, California origin	75				
W292206	Propenyl guaiacol, ≥99%, FCC	113	W265721	Mandarin oil, Argentina	77				
W293407	Propyl butyrate, ≥98%	114	W269506	2-Methylbutyric acid, ≥98%, FG	84				
W297003	Pyruvic acid, ≥97%	116	W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84				
W297070	Pyruvic acid, natural, ≥80%	116	W275409	2-Methylpentanoic acid, ≥98%, FCC, FG	91				
W359009	δ-Tetradecalactone, ≥98%, FG	122	W296600	Pyridine, ≥99%	116				
W222305	Tributyrin, 97%, FG	125	W502715	Succinic acid, natural, ≥99%	120				
W398802	Vanillic acid, ≥97%	129	W332208	Thiamine hydrochloride, ≥98%, FCC	123				
W375403	Vanillin isobutyrate, ≥98%, FG	129	other						
W312401	Vanillylacetone, ≥96%	129	W203203	Allyl hexanoate, ≥98%, FCC, FG	11				
W310905	Veratraldehyde, ≥98%, FG	129	W203718	Allyl octanoate, ≥99%	11				
hop oil						<td>W207209</td> <td>Amyl 2-furoate, ≥98%</td> <td>13</td>	W207209	Amyl 2-furoate, ≥98%	13
W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67	W353108	Cyclohexanecarboxylic acid, ≥98%	31				
oily						<td>W234907</td> <td>Cyclohexyl acetate, ≥98%, FG</td> <td>31</td>	W234907	Cyclohexyl acetate, ≥98%, FG	31
W325007	2-Acetyl-3-ethylpyrazine, 98%, FG	9	W313505	trans,trans-2,4-Decadienal, FG	32				
W325104	2-Acetylpyridine, ≥99%, FG	9	W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33				
W202908	Allyl 2-ethylbutyrate, ≥98%	11	W236403	Decanoic acid, ≥98%, FCC, FG	33				
W207209	Amyl 2-furoate, ≥98%	13	W236500	1-Decanol, ≥98%, FCC	33				
W329304	α-Angelica lactone, ≥98%, FG	14	W503800	3-Decanone, ≥97%	33				
W220604	Butyl laurate, ≥99%	23	W396605	3-Decanone, ≥97%	33				
W230405	Citral diethyl acetal, ≥93%	29	W236608	trans-2-Decenal, ≥92%, FCC	33				
W234109	Cuminaldehyde, ≥98%, FCC	31	W353205	3-Decen-2-one, predominantly trans, ≥97%	34				
			W236802	Decyl butyrate, 97%	34				
			W236800	1,4-Dimethoxybenzene, 99%	36				
			W314218	3,7-Dimethyl-6-octenoic acid, ≥94%	39				

Organoleptic properties index

fatty: other

Cat No.	Name	Page	Cat No.	Name	Page
W240001	γ-Dodecalactone, ≥97%, FCC	41			
W240206	trans-2-Dodecenal, ≥93%, FCC	41			
W314811	Ethyl 2-trans-4-cis-decadienoate, natural, ≥85%, FG	44			
W364118	Ethyl trans-2-decenoate, ≥95%	44			
W364304	Ethyl-trans-2-octenoate, ≥98%	49			
W246107	Ethyl 10-undecenoate, ≥97%	51			
W254002	Heptanal, ≥92%, FCC	57			
W316407	trans,trans-2,4-Heptadienal, ≥88%	57			
W254509	3-Heptanone, 96%	58			
W316504	trans-2-Heptenal, ≥95%	58			
W328915	cis-4-Heptenol solution, 10 wt. % in triethyl citrate, FG, natural (US)	58			
W255203	Heptyl formate, ≥98%	59			
W255718	Hexanal, ≥97%, FCC, FG	60			
W255726	Hexanal, natural, ≥95%, FG	60			
W255734	Hexanal, natural, ≥90%	60			
W349518	1,6-Hexanedithiol, ≥97%, FG	60			
W255904	Hexanoic acid, ≥98%, FCC, FG	60			
W255912	Hexanoic acid, natural, ≥98%, FCC	60			
W316903	trans-2-Hexenoic acid, ≥98%, FG	61			
W256218	trans-2-Hexenyl 1-ol, ≥96%, FCC, FG	61			
W393118	cis-3-Hexenyl tiglate, ≥97%	63			
W257605	Hexyl propionate, ≥97%, FG	64			
W259306	Indole, ≥99%, FCC	66			
W261114	Lactic acid, natural, ≥85%	74			
W261408	Lauric acid, ≥98%, FCC, FG	74			
W261416	Lauric acid, natural, ≥98%, FCC	74			
W261718	Lauryl alcohol, ≥98%	74			
W350605	2-Methylbutyl isovalerate, ≥98%, FCC	83			
W357308	Methyl 2-methyl-3-furyl disulfide	89			
W272205	Methyl myristate, ≥98%	89			
W321206	trans,trans-2,4-Nonadienal, ≥85%	97			
W278203	Nonanal, ≥95%, FCC	98			
W278106	γ-Nonanoic lactone, ≥98%, FCC	98			
W331503	2-Nonanol, ≥97%	98			
W278505	2-Nonanone, ≥99%	98			
W321303	trans-2-Nonenal, ≥93%	99			
W337900	trans-2-Nonen-1-ol, ≥96%, FCC	99			
W372102	2-Octadienal, predominantly trans,trans, ≥95%	99			
W279706	Octanal, ≥92%, FCC	100			
W279714	Octanal, natural, ≥92%, FCC	100			
W280003	1-Octanol, ≥98%, FCC, FG	100			
W372218	cis-5-Octen-1-ol, ≥98%	101			
W281506	Oleic acid, FCC, natural, FG	102			
W388923	2-Pentyl butyrate, >98%	105			
W266418	(S)-(-)-Perillyl alcohol, ≥90%, FG	106			
W305006	Terpinyl isobutyrate, mixture of isomers, ≥85%	122			
W323713	2,3,5,6-Tetramethylpyrazine, natural, ≥98%, FG	123			
W222305	Tributyrin, 97%, FG	125			
W309206	Undecanal, ≥96%, FCC	127			
W309508	10-Undecenal, ≥90%	128			
fishy					
W313009	Butylamine, ≥99%	21			
W383104	1,4-Dithiane, ≥97%	41			
W249300	Furfuryl mercaptan, ≥97%, FG	54			
W328901	cis-4-Heptenal, ≥98%, FCC, FG	58			
W259306	Indole, ≥99%, FCC	66			
W359807	2-Methoxy-4-propylphenol, ≥99%	81			
W336203	Methyl furfuryl disulfide, ≥95%, FG	86			
W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95			
W321206	trans,trans-2,4-Nonadienal, ≥85%	97			
W278203	Nonanal, ≥95%, FCC	98			
W278505	2-Nonanone, ≥99%	98			
W278513	2-Nonanone, natural, ≥97%, FCC	98			
W280518	1-Octen-3-ol, ≥98%, FCC, FG	101			
W361208	1-Octen-3-yl butyrate, ≥97%, FCC	101			
W284203	2-Pentanone, ≥98%, FCC	105			
W296600	Pyridine, ≥99%	116			
W303704	Styrax	120			
W550132	Trimethylamine solution, 25 wt. % in propylene glycol	125			
W324108	Trimethylamine solution, 25 wt. % in H ₂ O	125			
floral					
blossom					
W271802	Dimethyl anthranilate, ≥97%	37			
W271810	Dimethyl anthranilate, natural, ≥98%	37			
W242101	Ethyl 2-aminobenzoate, ≥96%, FCC	42			
W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89			
W277304	Neryl acetate, ≥98%, FCC, FG	97			
carnation					
W223806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28			
W247006	Isoeugenyl acetate, ≥98%, FCC, FG	71			
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79			
W267112	2-Methoxy-4-methylphenol, natural, 97%	79			
W286818	Phenethyl salicylate, ≥97%	108			
W361801	5-Phenyl-1-pentanol, ≥98%	109			
gardenia					
W263818	Linanyl benzoate, ≥95%	76			
W268402	α-Methylbenzyl acetate, ≥98%, FCC	82			
W268909	α-Methylbenzyl propionate, ≥98%	82			
W278807	Nonyl acetate, FCC	99			
geranium					
W312908	Biphenyl, ≥99%	19			
W230901	Citronellol, ≥95%, FCC	29			
W366706	Diphenyl ether, ≥99%	40			
W232608	Tetrahydro-4-methyl-2-(methyl-1-propenyl)-2H-pyran, mixture of cis and trans, ≥98%	122			
hawthorne					
W200905	Acetophenone, ≥98%, FCC	8			
W407701	o-Anisaldehyde	14			
W267007	p-Anisaldehyde, ≥97.5%, FCC	14			
W354805	2'-Hydroxyacetophenone, ≥98%	65			
W267708	4'-Methylacetophenone, ≥95%, FCC, FG	81			
hyacinth					
W209902	Anisyl alcohol, ≥98%, FCC, FG	15			
W229407	Cinnamyl alcohol, ≥98%	28			
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65			
W268518	α-Methylbenzyl alcohol, ≥99%, FCC	82			
W269018	Methyl p-tert-butylphenylacetate, ≥95%, FG	84			
W271705	Methyl 2-methoxybenzoate, ≥97%	88			
W286605	Phenethyl phenylacetate, ≥98%, FCC	107			
W286818	Phenethyl salicylate, ≥97%	108			
W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108			
W287601	Phenylacetaldehyde dimethyl acetal, ≥98%, FCC	108			
W273201	2-Phenyl-1-propanol, ≥97%	110			
W288500	3-Phenyl-1-propanol, ≥98%, FCC	110			
W307718	p-Tolyl phenylacetate, ≥99%	124			
iris					
W285900	Phenethyl antranilate, ≥98%, FCC	106			
W309303	2-Undecanone, ≥98%, FCC, FG	128			
jasmine					
W206105	α-Amylcinnamaldehyde, mixture of cis and trans, ≥97%	13			
W206504	α-Amylcinnamyl alcohol, mixture with Amyl hydrocinnamyl alcohol	13			
W213500	Benzyl acetate, ≥99%, FCC, FG	17			
W214000	Benzyl butyrate, ≥98%, FCC, FG	17			
W214108	Benzyl isobutyrate, ≥97%, FCC, FG	18			
W215007	Benzyl propionate, ≥98%, FCC	18			
W215015	Benzyl propionate, natural, ≥98%, FCC	19			
W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28			
W234702	Cyclohexaneacetic acid, ≥98%	31			
W353205	3-Decen-2-one, predominantly trans, ≥97%	34			
W241601	Ethyl 2-acetyl-3-phenylpropionate, ≥97%	42			
W256900	α-Hexylcinnamaldehyde, ≥95%	64			
W259306	Indole, ≥99%, FCC	66			
W259802	Jasmin absolute, Morocco origin	73			
W319600	cis-Jasmone, ≥85%, FG	73			
W263818	Linanyl benzoate, ≥95%	76			
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79			
W267112	2-Methoxy-4-methylphenol, natural, 97%	79			
W268208	Methyl anthranilate, ≥98%, FCC, FG	82			
W268216	Methyl antranilate, natural (US), ≥99%, FG	82			
W269018	Methyl p-tert-butylphenylacetate, ≥95%, FG	84			
W340804	Methyl dihydrojasmonate, mixture of cis and trans, ≥96%	86			
W341002	Methyl jasmonate, ≥95%, FG	88			
W273309	Methyl phenylacetate, ≥98%, FCC	92			
W278300	1,3-Nonanediol acetate, mixed esters, ≥80%	98			
W280607	Octyl acetate, ≥98%, FCC, FG	102			
W301912	Skatole, ≥98%	118			
lavender					
W383902	Farnesene, mixture of isomers	52			
W250910	Geranyl acetate, FCC, natural	55			
W262218	Lavender oil 40/42% fleurs	74			
W358207	1-Octen-3-yl acetate, ≥97%, FCC	101			
W420201	Prenyl acetate, ≥98%	112			

Organoleptic properties index

floral: *lilac*

Cat No.	Name	Page	Cat No.	Name	Page
<i>lilac</i>			W309311	2-Undecanone, natural, ≥97%, FCC	128
W209805	Anisyl acetate, ≥97%, FCC	15	W309508	10-Undecenal, ≥90%	128
W256102	cis-3-Hexenal solution, 50% in triacetin, FG	60	violet		
W277509	Neryl isobutyrate, ≥97%	97	W233609	Costus oil, natural	30
W304506	α-Terpineol, ≥96%, FCC, FG	121	W259403	α-Ionone, ≥90%, FG	66
W304522	α-Terpineol, natural	121	W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
<i>lily</i>			W272507	Methyl <i>trans</i> -2-nonenate, ≥97%	90
W206105	α-Amylcinnamaldehyde, mixture of <i>cis</i> and <i>trans</i> , ≥97%	13	W272604	Methyl 2-nonyoate, 99%	90
W256900	α-Hexylcinnamaldehyde, ≥95%	64	W272906	Methyl 2-octynoate, ≥99%, FCC, FG	90
W258318	Hydroxycitronellal, ≥95%, FCC	65	W337706	<i>trans</i> -2,cis-6-Nonadienal, mixture of isomers, ≥96%, FCC	97
<i>marigold</i>			W278009	<i>trans</i> -2,cis-6-Nonadien-1-ol, ≥95%, FCC, FG	98
W219908	Butyl heptanoate, ≥98%	22	W337900	<i>trans</i> -2-Nonen-1-ol, ≥96%, FCC	99
<i>rose</i>			W282928	Orris concrete	103
W220906	Butyl phenylacetate, ≥98%, FCC	23	W291102	Piperonal, ≥99%, FCC, FG	112
W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28	W311006	Violet leaf absolute	130
W230200	<i>trans</i> -Cinnamyl isovalerate, ≥95%, FCC	28			
W230707	(±)-Citronellal, ≥80%	29	<i>other</i>		
W230901	Citronellol, ≥95%, FCC	29	W200204	Acetal, ≥98%, FG	8
W231118	Citronellyl acetate, FCC	29	W200220	Acetal, natural	8
W231401	Citronellyl formate, FCC	29	W200905	Acetophenone, ≥98%, FCC	8
W231304	Citronellyl isobutyrate, ≥92%, FCC	29	W203300	Allyl-α-ionone, ≥65%	11
W231606	Citronellyl propionate, ≥90%, FCC	29	W205001	Ambrette seed absolute	12
W231614	Citronellyl propionate, natural (US), ≥80%	30	W347108	(–)-Ambroxide, ≥99%	12
W500607	Citronellyl tiglate, mixture of isomers, ≥96%	30	W506400	o-Anisaldehyde, ≥97%	14
W231703	Citronellyl valerate, ≥85%	30	W209902	Anisyl alcohol, ≥98%, FCC, FG	15
W342017	Damascenone, natural, 1.1-1.3 wt. % (190 proof ethanol), FG	32	W209910	Anisyl alcohol, natural, ≥98%, FG	15
W236500	1-Decanol, ≥98%, FCC	33	W210102	Acetyl formate, ≥90%, FCC, FG	15
W236705	n-Decyl acetate, ≥95%	34	W210218	Anisyl propionate, ≥98%	15
W239100	3,7-Dimethyl-1-octanol, ≥98%, FCC	39	W212806	Benzaldehyde dimethyl acetal, ≥98%	16
W354201	6,10-Dimethyl-5,9-undecadien-2-one, ≥97%, FG	40	W213500	Benzyl acetate, ≥99%, FCC, FG	17
W315109	2-Ethyl-1-hexanol, ≥99%	46	W213519	Benzyl acetate, natural, ≥99%, FCC, FG	17
W245208	Ethyl phenylacetate, ≥98%, FCC	49	W213802	Benzyl benzoate, ≥99%, FCC	17
W250406	Genet absolute, natural	55	W213810	Benzyl benzoate, natural, ≥99%, FCC	17
W412101	Geranic acid, 85%	55	W214019	Benzyl butyrate, natural, ≥98%, FCC	17
W250708	Geraniol, ≥97%, FCC, FG	55	W214205	Benzyl cinnamate, ≥98%	18
W250716	Geraniol, natural, ≥97%	55	W214507	Benzyl formate, ≥95%, FCC	18
W250902	Geranyl acetate, FCC, FG	55	W288101	Benzylideneacetone, ≥99%	18
W250910	Geranyl acetate, FCC, natural	55	W214415	Benzyl isobutyrate, natural (US), ≥97%, FG	18
W251208	Geranyl butyrate, FCC	55	W214906	Benzyl phenylacetate, ≥98%, FCC	18
W251402	Geranyl formate, FCC	55	W215104	Benzyl salicylate, ≥98%, FCC	19
W251801	Geranyl isovalerate, ≥95%, FG	56	W215600	Bois de rose	20
W251607	Geranyl phenylacetate, FCC	56	W223204	Canaga oil	24
W251704	Geranyl propionate, FCC	56	W224111	Cardamom oil, FCC	25
W251712	Geranyl propionate, natural	56	W530358	Chamomile absolute, natural (US)	27
W253405	Guaiac wood oil	57	W228818	<i>trans</i> -Cinnamic acid, ≥99%, FG	27
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67	W228826	<i>trans</i> -Cinnamic acid, natural, ≥99%, FCC	27
W218502	Isobutyl benzoate, ≥98%	69	W229318	Cinnamyl acetate, ≥98%, FCC	28
W247006	Isoeugenyl acetate, ≥98%, FCC, FG	71	W229601	<i>trans</i> -Cinnamyl butyrate, ≥96%, FCC	28
W295604	Isopropyl phenylacetate, ≥99%	73	W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28
W261602	Lauryl acetate, ≥98%	74	W236209	Decanal, ≥95%, FCC	33
W269018	Methyl <i>p</i> -tert-butylphenylacetate, ≥95%, FG	84	W236217	Decanal, natural, ≥92%	33
W425301	Methyl 10-undecenoate, 96%	95	W236306	Decanal dimethyl acetal, ≥98%	33
W277207	Nerolidol, mixture of <i>cis</i> and <i>trans</i> , FCC	97	W503800	3-Decanone, ≥97%	33
W277304	Neryl acetate, ≥98%, FCC, FG	97	W396605	3-Decanone, ≥97%	33
W277509	Neryl isobutyrate, ≥97%	97	W236608	<i>trans</i> -2-Decenal, ≥92%, FCC	33
W278203	Nonanal, ≥95%, FCC	98	W237701	Diethyl succinate, ≥99%, FCC, FG	35
W278904	Nonyl alcohol, ≥98%, FCC	99	W376302	Dihydrojasmon, ≥98%	35
W358304	3-Octyl acetate, ≥98%, FCC, FG	102	W510424	3',4'-Dimethoxyacetophenone, ≥98%	36
W280909	Octyl formate, ≥97%, FCC	102	W238708	2',4'-Dimethylacetophenone, ≥96%	37
W281409	Octyl isovalerate, ≥98%	102	W239208	α,α-Dimethylphenethyl acetate, ≥98%, FCC	39
W285706	Phenethyl acetate, ≥98%, FCC	106	W242209	Ethyl benzoate, ≥99%, FCC	43
W285714	Phenethyl acetate, natural, ≥99%, FCC	106	W242217	Ethyl benzoate, natural, ≥99%, FCC	43
W285803	Phenethyl alcohol, ≥99%, FCC, FG	106	W501301	Ethyl furoate, ≥98%	45
W285811	Phenethyl alcohol, natural, ≥99%, FCC	106	W244104	Ethyl laurate, ≥98%, FCC, FG	47
W285900	Phenethyl anthranilate, ≥98%, FCC	106	W244112	Ethyl laurate, natural, ≥98% FCC	47
W286001	Phenethyl benzoate, ≥99%	107	W244902	Ethyl octanoate, ≥98%, FCC, FG	49
W286400	Phenethyl formate, ≥96%	107	W244910	Ethyl octanoate, natural, ≥99%, FCC	49
W322105	Phenethyl hexanone, ≥97%, FG	107	W245801	Ethyl salicylate, ≥99%, FCC	50
W286206	Phenethyl isobutyrate, ≥98%, FCC	107	W247804	Farnesol, mixture of isomers, ≥95%	52
W287105	Phenethyl isovalerate, ≥98%, FCC, FG	107	W334618	Furfuryl propionate, ≥98%, FG	54
W286605	Phenethyl phenylacetate, ≥98%, FCC	107	W250406	Genet absolute, natural	55
W286702	Phenethyl propionate, ≥98%, FG	107	W530382	Geranium extract, FG, natural	55
W286818	Phenethyl salicylate, ≥97%	108	W250902	Geranyl acetate, FCC, FG	55
W287008	Phenethyl tiglate, ≥94%	108	W255408	1-Hexadecanol, ≥99%	59
W287318	2-Phenoxyethyl isobutyrate, ≥97%, FCC	108	W342904	<i>trans,trans</i> -2,4-Hexadienal, ≥95%	59
W287814	Phenylacetic acid, natural, ≥99%	108	W256102	<i>cis</i> -3-Hexenal solution, 50% in triacetin, FG	60
W288918	3-Phenylpropionic acid, 99%	110	W256501	Hexyl acetate, ≥98%, FCC, FG	63
W298018	Rhodinol, mixture of <i>l</i> -citronellol and geraniol, FCC	117	W257605	Hexyl propionate, ≥97%, FG	64
W298816	Rose absolute, Moroccan	117	W258504	Hydroxycitronellal dimethyl acetal, ≥95%, FCC	65
W523704	Rose oil, Turkish	117	W259306	Indole, ≥99%, FCC	66
W309206	Undecanal, ≥96%, FCC	127	W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
			W207802	Isoamyl nonanolate, ≥96%	68
			W208418	Isoamyl salicylate, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC	68
			W216305	Isobornyl propionate, ≥92%	69

Organoleptic properties index

floral: other

Cat No.	Name	Page	Cat No.	Name	Page
W218502	Isobutyl benzoate, ≥98%	69	W342017	Damascenone, natural, 1.1-1.3 wt. % (190 proof ethanol), FG	32
W220841	α-Isobutylphenethyl alcohol, 98%	70	W237701	Diethyl succinate, ≥99%, FCC, FG	35
W221201	Isobutyl propionate, ≥98%	70	W354201	6,10-Dimethyl-5,9-undecadien-2-one, ≥97%, FG	40
W369802	trans-Isoeugenyl benzyl ether, ≥98%	71	W314803	Ethyl 2-trans-4-cis-decadienoate, ≥80%, FG	44
W293318	4-Isopropylbenzyl alcohol, ≥97%	71	W314811	Ethyl 2-trans-4-cis-decadienoate, natural, ≥85%, FG	44
W260000	Jasmin extract, FG, natural	73	W243906	Ethyl hexanoate, ≥98%, FCC, FG	45
W261505	Lauric aldehyde, ≥95%, FCC	74	W243914	Ethyl hexanoate, natural, ≥98%, FCC, FG	45
W261513	Lauric aldehyde, natural, ≥95%, FCC, FG	74	W246301	Ethyl isovalerate, ≥98%, FCC, FG	47
W512850	Lavender oil synthetic	74	W246328	Ethyl isovalerate, natural, ≥98%, FCC, FG	47
W263508	Linalool, ≥97%, FCC, FG	75	W244201	Ethyl levulinate, ≥98%, FCC, FG	47
W263516	l-Linalool, natural, ≥80%	76	W244309	Ethyl 2-methylbutyrate, ≥98%, FCC, FG	47
W263605	Linalyl acetate, ≥97%, FCC	76	W245208	Ethyl phenylacetate, ≥98%, FCC	49
W263613	Linalyl acetate, natural, ≥80%	76	W246204	Ethyl valerate, ≥98%, FG	51
W318108	o-Methoxycinnamaldehyde, ≥96%, FG	79	W383902	Farnesene, mixture of isomers	52
W356700	trans-p-Methoxycinnamaldehyde, ≥98%	79	W250406	Genet absolute, natural	55
W267201	4-(4-Methoxyphenyl)-2-butanone, ≥98%, FCC, FG	80	W250708	Geraniol, ≥97%, FCC, FG	55
W359807	2-Methoxy-4-propylphenol, ≥99%	81	W251208	Geranyl butyrate, FCC	55
W268003	2-Methylanisole, ≥99%	81	W251216	Geranyl butyrate, natural	55
W268208	Methyl anthranilate, ≥98%, FCC, FG	82	W251801	Geranyl isovalerate, ≥95%, FG	56
W268216	Methyl anthranilate, natural (US), ≥99%, FG	82	W254304	2,3-Heptanedione, ≥97%, FG	57
W335916	2-Methylbutyl 2-methylbutyrate, natural, ≥98%	84	W254606	4-Heptanone, ≥97%	58
W269409	Methyl isobutyrate, ≥98.5%	88	W316504	trans-2-Heptenal, ≥95%	58
W274305	2-Methyl-3-(p-isopropylphenyl)propionaldehyde, ≥90%, FCC	88	W254800	Heptyl alcohol, ≥97%, FCC	58
W523909	2-Methyl-3-(3,4-methylenedioxyphenyl)-propanal	89	W255203	Heptyl formate, ≥98%	59
W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89	W392200	trans,trans-2,4-Hexadien-1-ol, ≥97%	59
W275506	Mimosa absolute Moroccan	96	W256005	trans-2-Hexen-1-al, ≥95%, FCC, FG	60
W530412	Neroli extract, FG, natural	97	W256110	trans-2-Hexen-1-al, natural, FG	60
W525308	Nerolin Yara Yara, ≥99%	97	W256102	cis-3-Hexenal solution, 50% in triacetin, FG	60
W277304	Neryl acetate, ≥98%, FCC, FG	97	W392405	cis-2-Hexen-1-ol, ≥90%	61
W277401	Neryl butyrate, ≥90%	97	W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG	61
W277509	Neryl isobutyrate, ≥97%	97	W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62
W321206	trans,trans-2,4-Nonadienal, ≥85%	97	W392618	trans-2-Hexenyl butyrate, ≥96%	62
W278505	2-Nonanone, ≥99%	98	W340308	cis-3-Hexenyl hexanoate, ≥98%, FG	62
W280011	1-Octanol, natural, ≥98%, FCC	100	W392901	cis-3-Hexenyl isobutyrate, >98%	62
W280208	2-Octanone, ≥98%	100	W349704	cis-3-Hexenyl 2-methylbutanoate, ≥97%, FCC	63
W358315	3-Octyl acetate, natural (US), ≥97%, FG	102	W349801	cis-3-Hexenyl 3-methylbutanoate, ≥97%, FCC	63
W285714	Phenethyl acetate, natural, ≥99%, FCC	106	W256501	Hexyl acetate, ≥98%, FCC, FG	63
W285811	Phenethyl alcohol, natural, ≥99%, FCC	106	W350001	Hexyl 3-methylbutanoate, ≥99%	64
W286109	Phenethyl butyrate, ≥98%, FCC	107	W257605	Hexyl propionate, ≥97%, FG	64
W286400	Phenethyl formate, ≥96%	107	W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67
W363200	Phenethyl 2-methylbutyrate, ≥95%, FCC	107	W207500	Isoamyl hexanoate, mixture of isomers, ≥98%, FCC, FG	67
W322202	Phenethyl octanoate, ≥99%	107	W207519	Isoamyl hexanoate, mixture of isomers, natural, ≥98%	67
W286605	Phenethyl phenylacetate, ≥98%, FCC	107	W208507	Isoamyl isovalerate, ≥98%, FCC	68
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108	W208515	Isoamyl isovalerate, natural, ≥98%, FCC	68
W287806	Phenylacetic acid, ≥99%, FCC	108	W208000	Isoamyl octanoate, ≥98%	68
W287814	Phenylacetic acid, natural, ≥99%	108	W208205	Isoamyl propionate, ≥98%, FCC	68
W332407	2-Phenyl-2-butenal, mixture of cis and trans, ≥97%	109	W208213	Isoamyl propionate, mixture of isomers, natural, ≥98%, FCC	68
W288306	1-Phenyl-3-methyl-3-pentanol, ≥98%	109	W217506	Isobutyl acetate, ≥98%, FCC, FG	69
W288403	1-Phenyl-1-propanol, ≥97%	109	W217514	Isobutyl acetate, natural, ≥97%, FCC, FG	69
W288500	3-Phenyl-1-propanol, ≥98%, FCC	110	W222025	Isobutyl hexanone, ≥98%	70
W288608	2-Phenylpropionaldehyde, ≥95%, FCC, FG	110	W220213	Isobutyl hexanoate, natural, ≥95%	70
W288900	3-Phenylpropyl acetate, ≥98%, FCC	110	W428600	2-Isobutyl-4-methyl-1,3-dioxolane, mixture of isomers, ≥97%	70
W289205	2-Phenylpropyl isobutyrate, ≥97%	110	W247707	Isoeugenyl phenylacetate, mixture of cis and trans, ≥97%	71
W289701	3-Phenylpropyl propionate, ≥97%	110	W264601	Linalyl isovalerate, ≥95%	76
W502200	Phytol, ≥97%	111	W267511	2-Methoxy-4-vinylphenol, ≥98%	81
W290807	Piperidine, ≥99%, FCC	112	W268402	α-Methylbenzyl acetate, ≥98%, FCC	82
W291102	Piperonal, ≥99%, FCC, FG	112	W350605	2-Methylbutyl isovalerate, ≥98%, FCC	83
W295205	3-Propylideneephthalide, ≥96%	114	W350613	2-Methylbutyl isovalerate, natural, ≥98%, FCC	83
W406503	2-Propylpyridine, ≥97%	116	W350516	3-Methylbutyl 2-methylbutanoate, natural, 70% 3-methylbutyl 2-methylbutanoate basis	84
W303305	Spike lavender oil	119	W335908	2-Methylbutyl 2-methylbutyrate, ≥90%, FG	84
W305200	Terpinyl formate, mixture of isomers, ≥97%	122	W335916	2-Methylbutyl 2-methylbutyrate, natural, ≥98%	84
W306401	Thyme oil, red	124	W269301	Methyl butyrate, ≥98%, FG	84
W306509	Thyme oil, white, FCC	124	W269328	Methyl butyrate, natural, ≥98%, FG	84
W310808	Vanillin acetate, ≥98%	129	W269506	2-Methylbutyric acid, ≥98%, FG	84
W311901	Ylang-ylang oil, III	130	W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84
W311936	Ylang-ylang oil, extra	130	W275301	Methyl isovalerate, ≥99%	88
fruity					
apple					
W332607	Acetone, ≥99%, FCC	8	W271918	Methyl 2-methylbutyrate, ≥98%, FCC	88
W332615	Acetone, natural, ≥97%	8	W274208	Methyl propionate, ≥98%	92
W204501	Allyl isovalerate, ≥98%, FCC	11	W277207	Nerolidol, mixture of cis and trans, FCC	97
W204005	Allyl propionate, ≥99%	12	W277304	Neryl acetate, ≥98%, FCC, FG	97
W212628	Beezwax absolute breche	16	W395218	trans-2,cis-6-Nonadienyl acetate, mixture of isomers, ≥97%	98
W213500	Benzyl acetate, ≥99%, FCC, FG	17	W278203	Nonanal, ≥95%, FCC	98
W215201	Benzyl isovalerate, ≥98%, FCC	18	W358304	3-Octyl acetate, ≥98%, FCC, FG	102
W215007	Benzyl propionate, ≥98%, FCC	18	W284203	2-Pentanone, ≥98%, FCC	105
W218618	Butyl butyrate, ≥98%, FCC, FG	22	W321818	trans-2-Pentenal, ≥95%, FG	105
W219908	Butyl heptanoate, ≥98%	22	W285706	Phenethyl acetate, ≥98%, FCC	106
W218804	Butyl isobutyrate, ≥97%, FCC	22	W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108
W222105	Butyl isovalerate, ≥98%, FCC, FG	23	W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108
W221708	Butyl valerate, ≥98%	23	W420201	Prenyl acetate, ≥98%	112
W222192	Butyraldehyde, ≥98%	24	W292818	1-Propanol, ≥99%	113
W235105	Cyclohexyl butyrate, ≥98%	31	W292303	Propionaldehyde, ≥97%	113
			W293407	Propyl butyrate, ≥98%	114
			W304905	Terpinyl butyrate, mixture of isomers, ≥95%	121
			W311901	Ylang-ylang oil, III	130

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fruity: apricot

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W202118	Allyl butyrate, ≥98%	11	W364401	2-Methylbutyl acetate, 99%	83																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W203106	Allyl heptanoate, ≥97%, FCC, FG.	11	W364428	2-Methylbutyl acetate, natural, ≥94%, FG	83																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W204005	Allyl propionate, ≥99%	12	W247502	Methyl eugenol, ≥98%, FCC	86																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W212628	Beeswax absolute breche	16	W274208	Methyl propionate, ≥98%	92																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W213403	Benzophenone, ≥99%, FCC	17	W425301	Methyl 10-undecenoate, 96%	95																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W213500	Benzyl acetate, ≥99%, FCC, FG	17	W280305	3-Octanone, ≥98%, FG	101																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W214000	Benzyl butyrate, ≥98%, FCC, FG.	17	W284203	2-Pentanone, ≥98%, FCC	105																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W214205	Benzyl cinnamate, ≥98%	18	W322105	Phenethyl hexanoate, ≥97%, FG	107																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W214507	Benzyl formate, ≥95%, FCC	18	W292303	Propionaldehyde, ≥97%	113																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W231401	Citronellyl formate, FCC	29	berry																																																																																																																																																																																																																																																																																																																																																																																																																																																								
W236128	δ-Decalactone, natural, ≥98%, FCC, FG.	33	W237701	Diethyl succinate, ≥99%, FCC, FG	35	W365203	4-(<i>p</i> -Acetoxyphenyl)-2-butane, ≥96%	9	W242500	2-Ethylbutyl acetate, ≥98%	44	W203106	Allyl heptanoate, ≥97%, FCC, FG.	11	W383503	Ethyl (methylthio)acetate, ≥98%	48	W204307	Allyl tiglate, ≥97%	12	W244902	Ethyl octanoate, ≥98%, FCC, FG.	49	W267007	<i>p</i> -Anisaldehyde, ≥97.5%, FCC	14	W245208	Ethyl phenylacetate, ≥98%, FCC	49	W213705	Benzyl alcohol, ≥99%, FCC, FG.	17	W247804	Farnesol, mixture of isomers, ≥95%	52	W214000	Benzyl butyrate, ≥98%, FCC, FG	17	W250708	Geraniol, ≥97%, FCC, FG.	55	W215007	Benzyl propionate, ≥98%, FCC	18	W251216	Geranyl butyrate, natural	55	W215015	Benzyl propionate, natural, ≥98%, FCC	19	W254703	Heptyl acetate, ≥98%, FG.	58	W333204	Butan-3-one-2-yl butanoate, ≥98%, FCC	21	W254800	Heptyl alcohol, ≥97%, FCC	58	W218618	Butyl butyrate, ≥98%, FCC, FG	22	W256803	Hexyl butyrate, ≥98%, FG	63	W234605	Cassis bourgens absolute	26	W257605	Hexyl propionate, ≥97%, FG	64	W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28	W260608	Isoamyl butyrate, ≥98%, FCC, FG	67	W344481	Dicyclohexyl disulfide, ≥94%	34	W350702	Isoamyl isobutyrate, ≥98%, FG	67	W242209	Ethyl benzoate, ≥99%, FCC	43	W350710	Isoamyl isobutyrate, natural, 98%, 70% isoamyl isobutyrate basis	67	W242918	2-Ethylbutyric acid, ≥98%, FCC	44	W208507	Isoamyl isovalerate, ≥98%, FCC	68	W349100	2-Ethylfenchol, ≥97%, FCC	45	W208515	Isoamyl isovalerate, natural, ≥98%, FCC	68	W243701	Ethyl heptanate, ≥98%, FCC, FG	45	W207802	Isoamyl nonanoate, ≥96%	68	W368318	Ethyl 3-oxohexanoate, ≥98%	49	W208205	Isoamyl propionate, ≥98%, FCC	68	W328308	Furfuryl 3-methylbutanoate, ≥98%	54	W359807	2-Methoxy-4-propylphenol, ≥99%	81	W250406	Genet absolute, natural	55	W268402	α-Methylbenzyl acetate, ≥98%, FCC	82	W250708	Geraniol, ≥97%, FCC, FG	55	W269506	2-Methylbutyric acid, ≥98%, FG	84	W251801	Geranyl isovalerate, ≥95%, FG	56	W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84	W254304	2,3-Heptanedione, ≥97%, FG	57	W247502	Methyl eugenol, ≥98%, FCC	86	W259403	α-Ionone, ≥90%, FG	66	W277304	Neryl acetate, ≥98%, FCC, FG.	97	W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67	W335606	δ-Nonalactone, 98%, FCC, FG	98	W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67	W282928	Orris concrete	103	W355305	Isophorone, ≥97%	71	W285706	Phenethyl acetate, ≥98%, FCC	106	W340618	2-Isopropyl-5-methyl-2-hexenal, ≥95%	72	W286605	Phenethyl phenylacetate, ≥98%, FCC	107	W260401	Juniper berry oil, FCC	73	W287407	Phenylacetaldehyde, ≥90%, FCC, FG.	108	W265713	Mandarin oil, Italian, FCC	77	W289108	2-Phenylpropyl butyrate, ≥98%	110	W317705	<i>p</i> -Menth-8-thiol-3-one, mixture of <i>cis</i> and <i>trans</i> , ≥94%, FG.	77	banana						W203106	Allyl heptanoate, ≥97%, FCC, FG.	11	W266701	L-Menthone, mixture of isomers, ≥96%, FCC	78	W203718	Allyl octanoate, ≥99%	11	W266825	L-Menthyl acetate, natural, ≥98%, FCC	78	W504009	Amyl acetate, ≥99%	13	W266809	DL-Menthyl acetate, ≥97%, FCC	78	W205915	Amyl butyrate, mixture of isomers, ≥98%, FG	13	W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84	W215007	Benzyl propionate, ≥98%, FCC	18	W356608	Methyl cyclohexanecarboxylate, ≥98%	85	W217409	Butyl acetate, ≥99%, FCC	21	W270318	Methyl furoate, ≥98%	86	W218618	Butyl butyrate, ≥98%, FCC, FG	22	W270504	Methyl heptanoate, ≥99%	86	W218804	Butyl isobutyrate, ≥97%, FCC	22	W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89	W221104	Butyl propionate	23	W343706	3-Methylpentanoic acid, ≥98%, FG	91	W235407	Cyclohexyl propionate, ≥99%	32	W339504	(1 <i>R</i>)-(−)-Myrtenal, ≥97%	96	W505005	Diethyl maleate, ≥96%	34	W343900	Myrtenol, ≥95%	96	W242209	Ethyl benzoate, ≥99%, FCC	43	W277509	Neryl isobutyrate, ≥97%	97	W242500	2-Ethylbutyl acetate, ≥98%	44	W280305	3-Octanone, ≥98%, FG	101	W242705	Ethyl butyrate, ≥98%, FCC	44	W341606	trans-3-Octen-2-one, ≥98%	101	W242713	Ethyl butyrate, natural, ≥98%, FCC	44	W282928	Orris concrete	103	W243906	Ethyl hexanoate, ≥98%, FCC, FG.	45	W284009	ω-Pentadecalactone, ≥98%	104	W243914	Ethyl hexanoate, natural, ≥98%, FCC, FG.	45	W287407	Phenylacetaldehyde, ≥90%, FCC, FG.	108	W348902	Ethyl 2-methyl-4-pentenoate, ≥98%	48	W287415	Phenylacetaldehyde solution, natural, 10 wt % in ethanol	108	W244910	Ethyl octanoate, natural, ≥98%, FCC	49	W291102	Piperonal, ≥99%, FCC, FG	112	W249009	Furfuryl acetate, ≥98%, FG	53	W291307	Piperonyl isobutyrate, ≥98%	112	W249017	Furfuryl acetate, natural, ≥98%	53	W294306	Propyl formate, ≥97%	114	W354708	3-Heptanol, ≥98%	58	W303704	Styrax	120	W254401	2-Heptanone, ≥98%, FCC, FG.	58	W355801	α-Terpinene, ≥99%, FCC, FG	121	W254606	4-Heptanone, ≥97%	58	W377406	Theaspirane, mixture of <i>cis</i> and <i>trans</i> , ≥85%, FG	123	W360805	1-Hexen-3-ol, ≥98%	61	W347507	Trithiocetone, ≥99%, FG	127	W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG.	61	blueberry						W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62	W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28	W317101	cis-3-Hexenyl acetate, ≥98%, FCC, FG.	62	cantaloupe						W393118	cis-3-Hexenyl tiglate, ≥97%	63	W238902	2,6-Dimethyl-5-heptenal, FCC, FG	38	W205508	Isoamyl acetate, ≥95%, 70% isoamyl acetate basis, FCC, FG	67	cherry						W205532	Isoamyl acetate, natural, ≥97%, FCC, FG.	67	W204501	Allyl isovalerate, ≥98%, FCC	11	W206008	Isoamyl butyrate, ≥98%, FCC, FG	67	W205915	Amyl butyrate, mixture of isomers, ≥98%, FG	13	W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67	W267007	<i>p</i> -Anisaldehyde, ≥97.5%, FCC	14	W208515	Isoamyl isovalerate, natural, ≥98%, FCC	68	W209805	Anisyl acetate, ≥97%, FCC	15	W208205	Isoamyl propionate, ≥98%, FCC	68	W212709	Benzaldehyde, ≥98%, FCC	16	W217506	Isobutyl acetate, ≥98%, FCC, FG.	69	W212717	Benzaldehyde, natural, ≥98%, FCC, FG.	16	W217514	Isobutyl acetate, natural, ≥97%, FCC, FG.	69	W213500	Benzyl acetate, ≥99%, FCC, FG	17	W222003	Isobutylaldehyde, ≥98%	70	W213705	Benzyl alcohol, ≥99%, FCC, FG.	17	W292605	Isopropyl acetate, ≥99%, FCC	71	W213802	Benzyl benzoate, ≥99%, FCC	17	W263907	Linalyl butyrate, ≥93%	76	W214205	Benzyl cinnamate, ≥98%	18
W237701	Diethyl succinate, ≥99%, FCC, FG	35	W365203	4-(<i>p</i> -Acetoxyphenyl)-2-butane, ≥96%	9																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W242500	2-Ethylbutyl acetate, ≥98%	44	W203106	Allyl heptanoate, ≥97%, FCC, FG.	11																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W383503	Ethyl (methylthio)acetate, ≥98%	48	W204307	Allyl tiglate, ≥97%	12																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W244902	Ethyl octanoate, ≥98%, FCC, FG.	49	W267007	<i>p</i> -Anisaldehyde, ≥97.5%, FCC	14																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W245208	Ethyl phenylacetate, ≥98%, FCC	49	W213705	Benzyl alcohol, ≥99%, FCC, FG.	17																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W247804	Farnesol, mixture of isomers, ≥95%	52	W214000	Benzyl butyrate, ≥98%, FCC, FG	17																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W250708	Geraniol, ≥97%, FCC, FG.	55	W215007	Benzyl propionate, ≥98%, FCC	18																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W251216	Geranyl butyrate, natural	55	W215015	Benzyl propionate, natural, ≥98%, FCC	19																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W254703	Heptyl acetate, ≥98%, FG.	58	W333204	Butan-3-one-2-yl butanoate, ≥98%, FCC	21																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W254800	Heptyl alcohol, ≥97%, FCC	58	W218618	Butyl butyrate, ≥98%, FCC, FG	22																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W256803	Hexyl butyrate, ≥98%, FG	63	W234605	Cassis bourgens absolute	26																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W257605	Hexyl propionate, ≥97%, FG	64	W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W260608	Isoamyl butyrate, ≥98%, FCC, FG	67	W344481	Dicyclohexyl disulfide, ≥94%	34																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W350702	Isoamyl isobutyrate, ≥98%, FG	67	W242209	Ethyl benzoate, ≥99%, FCC	43																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W350710	Isoamyl isobutyrate, natural, 98%, 70% isoamyl isobutyrate basis	67	W242918	2-Ethylbutyric acid, ≥98%, FCC	44																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W208507	Isoamyl isovalerate, ≥98%, FCC	68	W349100	2-Ethylfenchol, ≥97%, FCC	45																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W208515	Isoamyl isovalerate, natural, ≥98%, FCC	68	W243701	Ethyl heptanate, ≥98%, FCC, FG	45																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W207802	Isoamyl nonanoate, ≥96%	68	W368318	Ethyl 3-oxohexanoate, ≥98%	49																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W208205	Isoamyl propionate, ≥98%, FCC	68	W328308	Furfuryl 3-methylbutanoate, ≥98%	54																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W359807	2-Methoxy-4-propylphenol, ≥99%	81	W250406	Genet absolute, natural	55																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W268402	α-Methylbenzyl acetate, ≥98%, FCC	82	W250708	Geraniol, ≥97%, FCC, FG	55																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W269506	2-Methylbutyric acid, ≥98%, FG	84	W251801	Geranyl isovalerate, ≥95%, FG	56																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84	W254304	2,3-Heptanedione, ≥97%, FG	57																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W247502	Methyl eugenol, ≥98%, FCC	86	W259403	α-Ionone, ≥90%, FG	66																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W277304	Neryl acetate, ≥98%, FCC, FG.	97	W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W335606	δ-Nonalactone, 98%, FCC, FG	98	W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W282928	Orris concrete	103	W355305	Isophorone, ≥97%	71																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W285706	Phenethyl acetate, ≥98%, FCC	106	W340618	2-Isopropyl-5-methyl-2-hexenal, ≥95%	72																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W286605	Phenethyl phenylacetate, ≥98%, FCC	107	W260401	Juniper berry oil, FCC	73																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W287407	Phenylacetaldehyde, ≥90%, FCC, FG.	108	W265713	Mandarin oil, Italian, FCC	77																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W289108	2-Phenylpropyl butyrate, ≥98%	110	W317705	<i>p</i> -Menth-8-thiol-3-one, mixture of <i>cis</i> and <i>trans</i> , ≥94%, FG.	77																																																																																																																																																																																																																																																																																																																																																																																																																																																						
banana																																																																																																																																																																																																																																																																																																																																																																																																																																																											
W203106	Allyl heptanoate, ≥97%, FCC, FG.	11	W266701	L-Menthone, mixture of isomers, ≥96%, FCC	78																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W203718	Allyl octanoate, ≥99%	11	W266825	L-Menthyl acetate, natural, ≥98%, FCC	78																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W504009	Amyl acetate, ≥99%	13	W266809	DL-Menthyl acetate, ≥97%, FCC	78																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W205915	Amyl butyrate, mixture of isomers, ≥98%, FG	13	W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W215007	Benzyl propionate, ≥98%, FCC	18	W356608	Methyl cyclohexanecarboxylate, ≥98%	85																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W217409	Butyl acetate, ≥99%, FCC	21	W270318	Methyl furoate, ≥98%	86																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W218618	Butyl butyrate, ≥98%, FCC, FG	22	W270504	Methyl heptanoate, ≥99%	86																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W218804	Butyl isobutyrate, ≥97%, FCC	22	W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W221104	Butyl propionate	23	W343706	3-Methylpentanoic acid, ≥98%, FG	91																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W235407	Cyclohexyl propionate, ≥99%	32	W339504	(1 <i>R</i>)-(−)-Myrtenal, ≥97%	96																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W505005	Diethyl maleate, ≥96%	34	W343900	Myrtenol, ≥95%	96																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W242209	Ethyl benzoate, ≥99%, FCC	43	W277509	Neryl isobutyrate, ≥97%	97																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W242500	2-Ethylbutyl acetate, ≥98%	44	W280305	3-Octanone, ≥98%, FG	101																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W242705	Ethyl butyrate, ≥98%, FCC	44	W341606	trans-3-Octen-2-one, ≥98%	101																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W242713	Ethyl butyrate, natural, ≥98%, FCC	44	W282928	Orris concrete	103																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W243906	Ethyl hexanoate, ≥98%, FCC, FG.	45	W284009	ω-Pentadecalactone, ≥98%	104																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W243914	Ethyl hexanoate, natural, ≥98%, FCC, FG.	45	W287407	Phenylacetaldehyde, ≥90%, FCC, FG.	108																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W348902	Ethyl 2-methyl-4-pentenoate, ≥98%	48	W287415	Phenylacetaldehyde solution, natural, 10 wt % in ethanol	108																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W244910	Ethyl octanoate, natural, ≥98%, FCC	49	W291102	Piperonal, ≥99%, FCC, FG	112																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W249009	Furfuryl acetate, ≥98%, FG	53	W291307	Piperonyl isobutyrate, ≥98%	112																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W249017	Furfuryl acetate, natural, ≥98%	53	W294306	Propyl formate, ≥97%	114																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W354708	3-Heptanol, ≥98%	58	W303704	Styrax	120																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W254401	2-Heptanone, ≥98%, FCC, FG.	58	W355801	α-Terpinene, ≥99%, FCC, FG	121																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W254606	4-Heptanone, ≥97%	58	W377406	Theaspirane, mixture of <i>cis</i> and <i>trans</i> , ≥85%, FG	123																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W360805	1-Hexen-3-ol, ≥98%	61	W347507	Trithiocetone, ≥99%, FG	127																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG.	61	blueberry																																																																																																																																																																																																																																																																																																																																																																																																																																																								
W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62	W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W317101	cis-3-Hexenyl acetate, ≥98%, FCC, FG.	62	cantaloupe																																																																																																																																																																																																																																																																																																																																																																																																																																																								
W393118	cis-3-Hexenyl tiglate, ≥97%	63	W238902	2,6-Dimethyl-5-heptenal, FCC, FG	38																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W205508	Isoamyl acetate, ≥95%, 70% isoamyl acetate basis, FCC, FG	67	cherry																																																																																																																																																																																																																																																																																																																																																																																																																																																								
W205532	Isoamyl acetate, natural, ≥97%, FCC, FG.	67	W204501	Allyl isovalerate, ≥98%, FCC	11																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W206008	Isoamyl butyrate, ≥98%, FCC, FG	67	W205915	Amyl butyrate, mixture of isomers, ≥98%, FG	13																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67	W267007	<i>p</i> -Anisaldehyde, ≥97.5%, FCC	14																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W208515	Isoamyl isovalerate, natural, ≥98%, FCC	68	W209805	Anisyl acetate, ≥97%, FCC	15																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W208205	Isoamyl propionate, ≥98%, FCC	68	W212709	Benzaldehyde, ≥98%, FCC	16																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W217506	Isobutyl acetate, ≥98%, FCC, FG.	69	W212717	Benzaldehyde, natural, ≥98%, FCC, FG.	16																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W217514	Isobutyl acetate, natural, ≥97%, FCC, FG.	69	W213500	Benzyl acetate, ≥99%, FCC, FG	17																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W222003	Isobutylaldehyde, ≥98%	70	W213705	Benzyl alcohol, ≥99%, FCC, FG.	17																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W292605	Isopropyl acetate, ≥99%, FCC	71	W213802	Benzyl benzoate, ≥99%, FCC	17																																																																																																																																																																																																																																																																																																																																																																																																																																																						
W263907	Linalyl butyrate, ≥93%	76	W214205	Benzyl cinnamate, ≥98%	18																																																																																																																																																																																																																																																																																																																																																																																																																																																						

Organoleptic properties index

fruity: *cherry*

Page	Page
W288101	Benzylideneacetone, ≥99%
W504904	Butyrophenone, ≥99%
W230707	(±)-Citronellal, ≥80%
W342718	2,4-Dimethylbenzaldehyde, ≥90%
W242209	Ethyl benzoate, ≥99%, FCC
W242217	Ethyl benzoate, natural, ≥99%, FCC
W245208	Ethyl phenylacetate, ≥98%, FCC
W256501	Hexyl acetate, ≥98%, FCC, FG
W288705	Hydrocinnamaldehyde, ≥90%, FCC
W259403	α-Ionone, ≥90%, FG
W355690	Isopropyl myristate, ≥98%
W376418	Menthylactone, ≥99%
W267201	4-(4-Methoxyphenyl)-2-butanone, ≥98%, FCC, FG
W336009	3-Methyl-2-cyclohexenone, ≥98%
W320900	5-Methyl-2-thiophenehexanecarboxaldehyde, ≥98%
W357047	(S)(-)-Perillaldehyde, ≥92%
W287407	Phenylacetaldehyde, ≥90%, FCC, FG
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol
W291102	Piperonal, ≥99%, FCC, FG
W291218	Piperonyl acetate, ≥99%
W346918	Propiophenone, ≥99%
W306800	p-Tolualdehyde, ≥97%
W375403	Vanillin isobutyrate, ≥98%, FG
W310905	Veratraldehyde, ≥98%, FG
coconut	
W369608	6-Amyl-α-pyrone, ≥96%, FG
W219002	Butyl butyryllactate, ≥98%, FCC
W236101	δ-Decalactone, ≥98%, FCC
W236128	δ-Decalactone, natural, ≥98%, FCC, FG
W238104	Dihydrocoumarin, ≥99%, FCC, FG
W238503	1,3-Dimethoxybenzene, ≥98% FG
W240109	δ-Dodecalactone, ≥98%, FCC, FG
W349208	Ethyl undecanoate, ≥97%
W253901	γ-Heptalactone, ≥98%, FCC, FG
W254800	Heptyl alcohol, ≥97%, FCC
W208000	Isoamyl octanoate, ≥98%
W261718	Lauryl alcohol, ≥98%
W269905	6-Methylcoumarin, ≥99%, FCC, FG
W247502	Methyl eugenol, ≥98%, FCC
W318809	2-Methyl-3-furanthiol, ≥85%, FG
W271500	Methyl laurate, ≥98%
W272302	Methyl β-naphthyl ketone, ≥99%, FCC
W272418	Methyl nonanoate, ≥97%
W278203	Nonanal, ≥95%, FCC
W278106	γ-Nonanoic lactone, ≥98%, FCC
W278505	2-Nonanone, ≥99%
W278513	2-Nonanone, natural, ≥97%, FCC
W279609	γ-Octalactone, ≥97%, FCC, FG
W281107	Octyl octanoate, ≥98%
W305308	Terpine propionate, ≥95%, FCC, FG
W329401	δ-Undecalactone, >97%
W380318	Whiskey lactone, ≥98%
cranberry	
W237701	Diethyl succinate, ≥99%, FCC, FG
W242217	Ethyl benzoate, natural, ≥99%, FCC
W250406	Genet absolute, natural
grape	
W230200	trans-Cinnamyl isovalerate, ≥95%, FCC
W237701	Diethyl succinate, ≥99%, FCC, FG
W271802	Dimethyl anthranilate, ≥97%
W271810	Dimethyl anthranilate, natural, ≥98%
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%
W242101	Ethyl 2-aminobenzoate, ≥96%, FCC
W242209	Ethyl benzoate, ≥99%, FCC
W242217	Ethyl benzoate, natural, ≥99%, FCC
W243205	Ethyl decanoate, ≥98%, FCC, FG
W243213	Ethyl decanoate, natural, ≥98%, FCC
W342807	Ethyl 3-hydroxybutyrate, ≥97%, FG
W342815	Ethyl 3-hydroxybutyrate, natural
W354503	Ethyl 3-hydroxyhexanoate, ≥98%, FG
W327905	Ethyl 2-mercaptopropionate, ≥95%
W501700	Furfuryl butyrate, ≥99%
W329002	3-Hexanone, ≥97%
W256102	cis-3-Hexenal solution, 50% in triacetin, FG
W256404	trans-2-Hexenyl acetate, ≥98%, FCC
W317209	Hexyl isobutyrate, ≥98%, FG
W317411	4-Hydroxy-2,5-dimethyl-3(2H)-furanone solution, 10 wt. % in propylene glycol
W259306	Indole, ≥99%, FCC
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC
W207705	Isoamyl laurate, ≥97%
W208418	Isoamyl salicylate, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC
grapefruit	
W218901	Isobutyl isobutyrate, ≥97%
W265713	Mandarin oil, Italian, FCC
W265721	Mandarin oil, Argentina
W317713	p-Mentha-8-thiol-3-one, mixture of <i>cis</i> and <i>trans</i> , natural, ≥94%
W266208	Methyl anthranilate, ≥98%, FCC, FG
W266216	Methyl anthranilate, natural (US), ≥99%, FG
W269506	2-Methylbutyric acid, ≥98%, FG
W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG
W272302	Methyl β-naphthyl ketone, ≥99%, FCC
W276200	Myrcene, ≥90%, FCC, FG
W276804	Nerolin bromeli
W277304	Neryl acetate, ≥98%, FCC, FG
W278203	Nonanal, ≥95%, FCC
W282928	Orris concrete
W285706	Phenethyl acetate, ≥98%, FCC
W285714	Phenethyl acetate, natural, ≥99%, FCC
W286109	Phenethyl butyrate, ≥98%, FCC
W287407	Phenylacetaldehyde, ≥90%, FCC, FG
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol
W292303	Propionaldehyde, ≥97%
W404926	Syringaldehyde, ≥98%
W309702	Undecyl alcohol, 97%
W398802	Vanillic acid, ≥97%
grapefruit	
W213705	Benzyl alcohol, ≥99%, FCC, FG
W224820	4-Carvomenthol, natural, ≥92%
W224847	4-Carvomenthol, ≥92%, FCC
W238902	2,6-Dimethyl-5-heptenal, FCC, FG
W245208	Ethyl phenylacetate, ≥98%, FCC
W247804	Farnesol, mixture of isomers, ≥95%
W350303	2,3-10-Mercaptotripane, mixture of isomers, 95%
W268208	Methyl anthranilate, ≥98%, FCC, FG
W268216	Methyl anthranilate, natural (US), ≥99%, FG
W277304	Neryl acetate, ≥98%, FCC, FG
W278203	Nonanal, ≥95%, FCC
W287407	Phenylacetaldehyde, ≥90%, FCC, FG
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol
jam	
W204307	Allyl tiglate, ≥97%
W2288101	Benzylideneacetone, ≥99%
W215007	Benzyl propionate, ≥98%, FCC
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC
W346209	Malty isobutyrate, ≥98%, FG
W291307	Piperonyl isobutyrate, ≥98%
mango	
W208507	Isoamyl isovalerate, ≥98%, FCC
W208515	Isoamyl isovalerate, natural, ≥98%, FCC
W266825	L-Menthyl acetate, natural, ≥98%, FCC
melon	
W237604	Diethyl sebacate, ≥98%, FCC
W238902	2,6-Dimethyl-5-heptenal, FCC, FG
W243701	Ethyl heptanoate, ≥98%, FCC, FG
W245208	Ethyl phenylacetate, ≥98%, FCC
W251801	Geranyl isovalerate, ≥95%, FG
W368903	cis-3-Hexenyl cis-3-hexenoate, ≥94%
W257605	Hexyl propionate, ≥97%, FG
W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC
W266825	L-Menthyl acetate, natural, ≥98%, FCC
W266809	DL-Menthyl acetate, ≥97%, FCC
W267902	Methyl p-anisate, ≥99%
W341002	Methyl jasmone, ≥95%, FG
W371009	Methyl 3-nonenate, ≥96%, FG
W434803	3-(Methylthio)-1-hexanol, ≥97%
W321206	trans,trans-2,4-Nonalenal, ≥85%
W278009	trans-2,cis-6-Nonadien-1-ol, ≥95%, FCC, FG
W278203	Nonanal, ≥95%, FCC
W331503	2-Nonanol, ≥97%
W358002	cis-6-Nonenal, ≥92%, FG
W372005	cis-2-Nonen-1-ol, ≥97%
W337900	trans-2-Nonen-1-ol, ≥96%, FCC
W346500	cis-6-Nonen-1-ol, ≥93%, FG
W280615	Octyl acetate, natural, ≥98%, FCC
W338303	2-Pentylpyridine, ≥97%
W285706	Phenethyl acetate, ≥98%, FCC
W285714	Phenethyl acetate, natural, ≥99%, FCC
W287407	Phenylacetaldehyde, ≥90%, FCC, FG
papaya	
W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC

Organoleptic properties index

fruity: peach

Cat No.	Name	Page	Cat No.	Name	Page			
peach								
W202118	Allyl butyrate, ≥98%	11	W235407	Cyclohexyl propionate, ≥99%	32			
W202207	Allyl cinnamate, ≥99%	11	W236705	n-Decyl acetate, ≥95%	34			
W212628	Beeswax absolute, breche	16	W241407	Ethyl acetate, ≥99%, FCC	42			
W213403	Benzophenone, ≥99%, FCC	17	W241415	Ethyl acetate, natural, ≥99%, FCC	42			
W214000	Benzyl butyrate, ≥98%, FCC, FG	17	W242705	Ethyl butyrate, ≥98%, FCC	44			
W214205	Benzyl cinnamate, ≥98%	18	W242713	Ethyl butyrate, natural, ≥98%, FCC	44			
W218618	Butyl butyrate, ≥98%, FCC, FG	22	W243507	Ethyl 3-(furan-2-yl)propionate, ≥98%	45			
W221805	Butyl isovalerate, ≥98%, FCC, FG	23	W243701	Ethyl heptanoate, ≥98%, FCC, FG	45			
W231401	Citronellyl formate, FCC	29	W243906	Ethyl hexanoate, ≥98%, FCC, FG	45			
W236004	γ-Decalactone, ≥98%, FCC, FG	32	W334200	Ethyl trans-3-hexenoate, ≥98%	46			
W236012	(+)-γ-Decalactone, natural, ≥97%, FG	32	W244201	Ethyl levulinate, ≥98%, FCC, FG	47			
W236101	δ-Decalactone, ≥98%, FCC	33	W348805	Ethyl 2-methylpentanoate, ≥98%	48			
W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33	W334308	Ethyl 3-(methylthio)propanoate, ≥99%, FCC	48			
W237701	Diethyl succinate, ≥99%, FCC, FG	35	W244902	Ethyl octanoate, ≥98%, FCC, FG	49			
W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%	38	W244910	Ethyl octanoate, natural, ≥98%, FCC	49			
W238902	2,6-Dimethyl-5-heptenal, FCC, FG	38	W245208	Ethyl phenylacetate, ≥98%, FCC	49			
W240109	δ-Dodecalactone, ≥98%, FCC, FG	41	W245607	Ethyl propionate, ≥97%, FCC, FG	50			
W242500	2-Ethylbutyl acetate, ≥98%	44	W254304	2,3-Heptanedione, ≥97%, FG	57			
W243108	Ethyl cyclohexanopropionate, ≥99%	44	W254606	4-Heptanone, ≥97%	58			
W243701	Ethyl heptanoate, ≥98%, FCC, FG	45	W413201	trans,trans-2,4-Hexadienyl acetate, 97%	59			
W247804	Farnesol, mixture of isomers, ≥95%	52	W256102	cis-3-Hexenial solution, 50% in triacetin, FG	60			
W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62	W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62			
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65	W335401	Hexyl trans-2-butenoate, ≥95%, FCC	63			
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67	W256803	Hexyl butyrate, ≥98%, FG	63			
W219304	Isobutyl cinnamate, ≥98%, FCC, FG	69	W256811	Hexyl butyrate, natural, ≥98%	63			
W269204	Isovaleraldehyde, ≥97%	73	W257605	Hexyl propionate, ≥97%, FG	64			
W265713	Mandarin oil, Italian, FCC	77	W206008	Isoamyl butyrate, ≥98%, FCC, FG	67			
W265721	Mandarin oil, Argentina	77	W207500	Isoamyl hexanoate, mixture of isomers, ≥98%, FCC, FG	67			
W266701	L-Menthone, mixture of isomers, ≥96%, FCC	78	W207519	Isoamyl hexanoate, mixture of isomers, natural, ≥98%	67			
W269514	(+)-2-Methylbutyric acid, natural, ≥98%, FG	84	W208000	Isoamyl octanoate, ≥98%	68			
W247502	Methyl eugenol, ≥98%, FCC	86	W208205	Isoamyl propionate, ≥98%, FCC	68			
W272604	Methyl 2-nonyoate, 99%	90	W217506	Isobutyl acetate, ≥98%, FCC, FG	69			
W276200	Myrcene, ≥90%, FCC, FG	96	W217514	Isobutyl acetate, natural, ≥97%, FCC, FG	69			
W277304	Neryl acetate, ≥98%, FCC, FG	97	W220205	Isobutyl hexanoate, ≥98%	70			
W278203	Nonanal, ≥95%, FCC	98	W218000	2-Isobutyl-4-methyl-1,3-dioxolane, mixture of isomers, ≥97%	70			
W279609	γ-Octalactone, ≥97%, FCC, FG	100	W293504	Isopropyl butyrate, ≥98%	72			
W282928	Orris concrete	103	W369918	Isopropyl 2-methylbutyrate, ≥98%	72			
W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108	W260401	Juniper berry oil, FCC	73			
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108	W268402	α-Methylbenzyl acetate, ≥98%, FCC	82			
W309109	γ-Undecalactone, ≥98%, FCC, FG	127	W269506	2-Methylbutyric acid, ≥98%, FG	84			
pear								
W214000	Benzyl butyrate, ≥98%, FCC, FG	17	W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84			
W218618	Butyl butyrate, ≥98%, FCC, FG	22	W270806	Methyl hexanoate, ≥99%, FG	87			
W221902	Butyraldehyde, ≥98%	24	W270814	Methyl hexanoate, natural, ≥99%	87			
W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28	W336408	Methyl <i>trans</i> -3-hexenoate, 98%	87			
W353205	3-Decen-2-one, predominantly <i>trans</i> , ≥97%	34	W272108	Methyl 4-methylvalerate, ≥97%	89			
W237701	Diethyl succinate, ≥99%, FCC, FG	35	W356905	2-Methyl-3(5 or 6)-ethoxypyrazine, mixture of isomers, 99%	90			
W239208	α,α-Dimethylphenethyl acetate, ≥98%, FCC	39	W278513	2-Nonanone, natural, ≥97%, FCC	98			
W243108	Ethyl cyclohexanopropionate, ≥99%	44	W284203	2-Pentanone, ≥98%, FCC	105			
W243205	Ethyl decanoate, ≥98%, FCC, FG	44	W285706	Phenethyl acetate, ≥98%, FCC	106			
W244902	Ethyl octanoate, ≥98%, FCC, FG	49	W285714	Phenethyl acetate, natural, ≥99%, FCC	106			
W244910	Ethyl octanoate, natural, ≥98%, FCC	49	W294926	Propyl hexanoate, natural, ≥90%	114			
W247804	Farnesol, mixture of isomers, ≥95%	52	W2933601	Propyl isobutyrate, ≥97%	114			
W254703	Heptyl acetate, ≥98%, FG	58	W305707	Tetrahydrofuranyl butyrate, ≥97%	122			
W256102	cis-3-Hexenial solution, 50% in triacetin, FG	60	W379506	1,3,5-Undecatriene, mixture of 1,3(<i>E</i>),5(<i>Z</i>) and 1,3(<i>E</i>),5(<i>E</i>) isomers, ≥70%	128			
W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62	plum					
W256501	Hexyl acetate, ≥98%, FCC, FG	63	W209805	Anisyl acetate, ≥97%, FCC	15			
W257605	Hexyl propionate, ≥97%, FG	64	W213500	Benzyl acetate, ≥99%, FCC, FG	17			
W205508	Isoamyl acetate, ≥95%, 70% isoamyl acetate basis, FCC, FG	67	W214000	Benzyl butyrate, ≥98%, FCC, FG	17			
W208213	Isoamyl propionate, mixture of isomers, natural, ≥98%, FCC	68	W214019	Benzyl butyrate, natural, ≥98%, FCC	17			
W217506	Isobutyl acetate, ≥98%, FCC, FG	69	W218103	Butyl anthranilate, ≥99%	21			
W217514	Isobutyl acetate, natural, ≥97%, FCC, FG	69	W219506	Butyl formate, ≥97%	22			
W263605	Linalyl acetate, ≥97%, FCC	76	W231401	Citronellyl formate, FCC	29			
W264504	Linalyl propionate, ≥92%, FCC, FG	76	W236101	δ-Decalactone, ≥98%, FCC	33			
W277304	Neryl acetate, ≥98%, FCC, FG	97	W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33			
W292818	1-Propanol, ≥99%	113	W239402	α,α-Dimethylphenethyl butyrate, ≥95%, FCC	39			
pineapple								
W202606	Allyl cyclohexanopropionate, ≥98%, FCC, FG	11	W242209	Ethyl benzoate, ≥99%, FCC	43			
W203106	Allyl heptanoate, ≥97%, FCC, FG	11	W242217	Ethyl benzoate, natural, ≥99%, FCC	43			
W203203	Allyl hexanoate, ≥98%, FCC, FG	11	W243000	Ethyl cinnamate, ≥98%, FCC	44			
W203211	Allyl hexanoate, natural, ≥98%, FCC	11	W243019	Ethyl cinnamate, natural, ≥92%, FG	44			
W203718	Allyl octanoate, ≥99%	11	W501301	Ethyl 2-furoate, ≥98%	45			
W203807	Allyl phenoxycetate, ≥99%	12	W243701	Ethyl heptanoate, ≥98%, FCC, FG	45			
W205915	Amyl butyrate, mixture of isomers, ≥98%, FG	13	W244309	Ethyl 2-methylbutyrate, ≥98%, FCC, FG	47			
W207403	Amyl hexanoate, ≥98%, FG	13	W255203	Heptyl formate, ≥98%	59			
W213802	Benzyl benzoate, ≥99%, FCC	17	W256005	trans-2-Hexen-1-ol, ≥95%, FCC, FG	60			
W214205	Benzyl cinnamate, ≥98%	18	W257605	Hexyl propionate, ≥97%, FG	64			
W214507	Benzyl formate, ≥95%, FCC	18	W288705	Hydrocinnamaldehyde, ≥90%, FCC	65			
W215201	Benzyl isovalerate, ≥98%, FCC	18	W206903	Isoamyl formate, mixture of isomers, ≥97%, FG	67			
W218626	Butyl butyrate, natural, ≥98%, FCC	22	W207705	Isoamyl laurate, ≥97%	68			
W235105	Cyclohexyl butyrate, ≥98%	31	W268402	α-Methylbenzyl acetate, ≥98%, FCC	82			
			W247502	Methyl eugenol, ≥98%, FCC	86			
			W277509	Neryl isobutyrate, ≥97%	97			
			W289906	3-Phenylpropyl isovalerate, ≥99%	110			
			W308307	Triethyl citrate, ≥99%, FCC	125			
			W308315	Triethyl citrate, natural, ≥97%	125			

Organoleptic properties index

fruity: quince

Category	Name	Page
quince		
W237604	Diethyl sebacate, ≥98%, FCC	35
raspberry		
W221708	Butyl valerate, ≥98%	23
W242217	Ethyl benzoate, natural, ≥99%, FCC	43
W245208	Ethyl phenylacetate, ≥98%, FCC	49
W246018	Ethyl tiglate, ≥98%	50
W250406	Genet absolute, natural	55
W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG	61
W258806	4-(4-Hydroxyphenyl)-2-butanone, ≥98%, FCC	66
W258814	4-(4-Hydroxyphenyl)-2-butanone, natural (US), ≥98%, FCC, FG	66
W259403	α-Ionone, ≥90%, FG	66
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
W266701	L-Menthone, mixture of isomers, ≥96%, FCC	78
W266825	L-Methyl acetate, natural, ≥98%, FCC	78
W266809	D,L-Methyl acetate, ≥97%, FCC	78
W267201	4-(4-Methoxyphenyl)-2-butanone, ≥98%, FCC, FG	80
W247502	Methyl eugenol, ≥98%, FCC	86
W277304	Neryl acetate, ≥98%, FCC, FG	97
W277509	Neryl isobutyrate, ≥97%	97
W282928	Orris concrete	103
W287008	Phenethyl tiglate, ≥94%	108
W287814	Phenylacetic acid, natural, ≥99%	108
W289906	3-Phenylpropyl isovalerate, ≥99%	110
W291102	Piperonal, ≥99%, FCC, FG	112
W323608	Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2H-pyran, mixture of <i>cis</i> and <i>trans</i> , ≥98%	122
strawberry		
W213802	Benzyl benzoate, ≥99%, FCC	17
W215007	Benzyl propionate, ≥98%, FCC	18
W242217	Ethyl benzoate, natural, ≥99%, FCC	43
W242802	Ethyl isobutyrate, ≥98%, FCC, FG	46
W244406	Ethyl 3-methyl-3-phenylglycidate, ≥98%, FCC	48
W245402	Ethyl 3-phenylglycidate, mixture of <i>cis</i> and <i>trans</i> , ≥92%	49
W254606	4-Heptanone, ≥97%	58
W254800	Heptyl alcohol, ≥97% FCC	58
W256102	cis-3-Hexenal solution, 50% in triacetin, FG	60
W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG	61
W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65
W317403	4-Hydroxy-2,5-dimethyl-3(2H)-furanone, ≥98%, FCC, FG	65
W222208	Isobutyric acid, ≥99%, FCC	70
W268208	Methyl anthranilate, ≥98%, FCC, FG	82
W268216	Methyl anthranilate, natural (US), ≥99%, FG	82
W269506	2-Methylbutyric acid, ≥98%, FG	84
W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84
W269808	Methyl <i>trans</i> -cinnamate, ≥98%, FCC, FG	85
W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89
W274208	Methyl propionate, ≥98%	92
W525308	Nerolin Yara Yara, ≥99%	97
W277509	Neryl isobutyrate, ≥97%	97
W361208	1-Octen-3-yl butyrate, ≥97%, FCC	101
W284203	2-Pentanone, ≥98%, FCC	105
W286109	Phenethyl butyrate, ≥98%, FCC	107
W287008	Phenethyl tiglate, ≥94%	108
W287814	Phenylacetic acid, natural, ≥99%	108
W289906	3-Phenylpropyl isovalerate, ≥99%	110
W291218	Piperonyl acetate, ≥99%	112
sweet		
W202606	Allyl cyclohexanopropionate, ≥98%, FCC, FG	11
W203211	Allyl hexanoate, natural, ≥98%, FCC	11
W205532	Isoamyl acetate, natural, ≥97%, FCC, FG	67
tart		
W200204	Acetal, ≥98%, FG	8
W200220	Acetal, natural	8
tropical		
W315818	2-Furanmethanol formate, ≥97%	53
W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67
W357804	2-Methyl-4-propyl-1,3-oxathiane, mixture of <i>cis</i> and <i>trans</i> , ≥98%, FG	93
watermelon		
W238902	2,6-Dimethyl-5-heptenal, FCC, FG	38
other		
W200506	Acetanisole, ≥98%, FCC, FG	8
W379715	4-Acetoxy-2,5-dimethyl-3(2H)-furanone, natural (US), ≥90%, FG	9
W332801	2-Acetylthiazole, ≥99%, FG	10
W325201	β-Alanine, ≥98%	10
W202908	Allyl 2-ethylbutyrate, ≥98%	11

Category	Name	Page
W203009	Allyl 2-furoate, ≥98%	11
W203300	Allyl-α-ionone, ≥65%	11
W204501	Allyl isovalerate, ≥98%, FCC	11
W206806	Amyl formate, ≥95%, FG	13
W267007	p-Anisaldehyde, ≥97.5%, FCC	14
W209805	Anisyl acetate, ≥97%, FCC	15
W209902	Anisyl alcohol, ≥98%, FCC, FG	15
W210218	Anisyl propionate, ≥98%	15
W212628	Beeswax absolute breche	16
W213500	Benzyl acetate, ≥99%, FCC, FG	17
W213519	Benzyl acetate, natural, ≥99%, FCC, FG	17
W214000	Benzyl butyrate, ≥98%, FCC, FG	17
W237108	Benzyl ether, ≥98%, FCC	18
W214507	Benzyl formate, ≥95%, FCC	18
W214108	Benzyl isobutyrate, ≥97%, FCC, FG	18
W214115	Benzyl isobutyrate, natural (US), ≥97%, FG	18
W215007	Benzyl propionate, ≥98%, FCC	18
W215317	Bergamot oil, Ivory Coast origin, (Non-sensitizing)	19
W217417	Butyl acetate, natural, ≥98%, FG	21
W217409	Butyl acetate, ≥99%, FCC	21
W524018	o-tert-Butylcyclohexyl acetate, mixture of isomers, ≥99%	22
W220108	Butyl hexanoate, ≥98%	22
W220701	Butyl levulinate, ≥97%	23
W339318	Butyl 2-methylbutyrate, ≥97%, FG	23
W339315	Butyl 2-methylbutyrate, natural (US), ≥98%, FG	23
W221902	Butyraldehyde, ≥98%	24
W221910	Butyraldehyde, natural, ≥95%	24
W224847	4-Carvomenthol, ≥92%, FCC	25
W234605	Cassis bourgens absolute	26
W229601	trans-Cinnamyl butyrate, ≥96%, FCC	28
W229709	Cinnamyl isobutyrate, ≥97%, FCC	28
W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28
W230103	trans-Cinnamyl propionate, ≥97%	28
W231304	Citronellyl isobutyrate, ≥92%, FCC	29
W231606	Citronellyl propionate, ≥90%, FCC	29
W231614	Citronellyl propionate, natural (US), ≥80%	30
W500607	Citronellyl tiglate, mixture of isomers, ≥96%	30
W233218	Cognac oil, white	30
W233404	Coriander oil, FCC	30
W363928	β-Cyclocitral, ≥90%, FG	31
W353108	Cyclohexanecarboxylic acid, ≥98%	31
W234907	Cyclohexyl acetate, ≥98%, FG	31
W235504	Cyclohexyl isovalerate, ≥98%	32
W235900	Davana oil, natural	32
W236101	δ-Decalactone, ≥98%, FCC	33
W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33
W236500	1-Decanol, ≥98%, FCC	33
W382418	1-Decen-3-ol, ≥98%	34
W236918	Decyl propionate, ≥96%	34
W237418	Diethyl malate, ≥97%	34
W237507	Diethyl malonate, ≥98%	35
W237701	Diethyl succinate, ≥99%, FCC, FG	35
W237809	Diethyl tartrate, ≥99%	35
W376302	Dihydrojasmine, ≥98%	35
W353701	2,6-Dimethyl-4-heptanone, ≥99%	38
W239208	α,α-Dimethylphenethyl acetate, ≥98%, FCC	39
W239607	Dimethyl succinate, 98%	40
W240001	γ-Dodecalactone, ≥97%, FCC	41
W241512	Ethyl acetoacetate, natural, 99%, FG	42
W241601	Ethyl 2-acetyl-3-phenylpropionate, ≥97%	42
W241806	Ethyl acrylate, ≥99.5%, FCC	42
W242004	Ethyl <i>p</i> -anisate, ≥97%, FCC	43
W242217	Ethyl benzoate, natural, ≥99%, FCC	43
W242500	2-Ethylbutyl acetate, ≥98%	44
W243418	Ethyl formate, ≥97%, FCC, FG	45
W243728	Ethyl heptanoate, natural, ≥98%, FCC	45
W510408	Ethyl (±)-2-hydroxycaproate, ≥97%	46
W362301	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone, mixture of isomers, ≥97%, FG	46
W244007	Ethyl lactate, ≥98%, FCC, FG	47
W244015	Ethyl lactate, natural, ≥98%, FCC	47
W244104	Ethyl laurate, ≥98%, FCC, FG	47
W244112	Ethyl laurate, natural, ≥98%, FCC	47
W244317	Ethyl 2-methylbutyrate, natural, ≥98%, FCC	47
W244708	Ethyl nonanoate, ≥98%, FCC, FG	48
W364304	Ethyl- <i>trans</i> -2-octenoate, ≥98%	49
W245518	Ethyl 3-phenylpropionate, ≥98%	49
W245607	Ethyl propionate, ≥97%, FCC, FG	50
W245615	Ethyl propionate, natural, ≥97%, FCC, FG	50
W245801	Ethyl salicylate, ≥99% FCC	50
W245909	Ethyl sorbate, ≥97%	50
W246018	Ethyl tiglate, ≥98%	50
W246107	Ethyl 10-undecenoate, ≥97%	51
W246215	Ethyl valerate, natural (US), ≥98%, FG	51
W246506	Eucalyptol, ≥99% FCC	51
W246905	Eugenyl acetate, ≥98%, FCC	51
W249017	Furfuryl acetate, natural, ≥98%	53

Organoleptic properties index

fruity: *other*

Cat No.	Name	
W339709	Furfuryl pentanoate, ≥97%	54
W250716	Geraniol, natural, ≥97%	55
W250902	Geranyl acetate, FCC, FG	55
W250910	Geranyl acetate, FCC, natural	55
W251216	Geranyl butyrate, natural	55
W251402	Geranyl formate, FCC	55
W251801	Geranyl isovalerate, ≥95%, FG	56
W251704	Geranyl propionate, FCC	56
W251712	Geranyl propionate, natural	56
W254002	Heptanal, ≥92%, FCC	57
W254304	2,3-Heptanedione, ≥97%, FG	57
W254401	2-Heptanone, ≥98%, FCC, FG	58
W254509	3-Heptanone, 96%	58
W254800	Heptyl alcohol, ≥97%, FCC	58
W255734	Hexanal, natural, ≥90%	60
W256110	trans-2-Hexen-1-al, natural, FG	60
W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG	61
W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62
W369004	cis-3-Hexenyl lactate, ≥98%	62
W257001	Hexyl formate, ≥97%	64
W257206	Hexyl hexanoate, ≥97%, FG	64
W257215	Hexyl hexanoate, natural (US), ≥97%, FG	64
W349909	Hexyl 2-methylbutanoate, ≥95%, FCC, FG	64
W349915	Hexyl 2-methylbutanoate, natural (US), ≥95%, FG	64
W257605	Hexyl propionate, ≥97%, FG	64
W257615	Hexyl propionate, natural (US), ≥97%, FG	64
W500909	Hexyl tiglate, ≥97%	64
W258806	4-(4-Hydroxyphenyl)-2-butanone, ≥98%, FCC	66
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
W208000	Isoamyl octanoate, ≥98%	68
W208019	Isoamyl octanoate, natural, ≥98%	68
W501018	Isoamyl tiglate, ≥97%	68
W217905	Isobutyl alcohol, ≥99%, FCC, FG	69
W343218	Isobutyl <i>trans</i> -2-butenoate, ≥98%, FCC	69
W218707	Isobutyl butyrate, ≥98%, FCC, FG	69
W219304	Isobutyl cinnamate, ≥98%, FCC, FG	69
W219703	Isobutyl formate, ≥95%, FG	69
W292605	Isopropyl acetate, ≥99%, FCC	71
W293903	Isopropyl cinnamate, ≥96%, FG	72
W269204	Isovaleraldehyde, ≥97%	73
W269212	Isovaleraldehyde, natural, ≥95%	73
W319600	cis-Jasmone, ≥85%, FG	73
W263605	Linalyl acetate, ≥97%, FCC	76
W263613	Linalyl acetate, natural, ≥80%	76
W264601	Linalyl isovalerate, ≥95%	76
W265101	Lovage oil	76
W265713	Mandarin oil, Italian, FCC	77
W265721	Mandarin oil, Argentina	77
W266701	L-Menthone, mixture of isomers, ≥96%, FCC	78
W266825	L-Methyl acetate, natural, ≥98%, FCC	78
W266809	D,L-Menthyl acetate, ≥97%, FCC	78
W266906	Methyl isovalerate, ≥98%, FG	78
W356700	trans-p-Methoxycinnamaldehyde, ≥98%	79
W267708	4'-Methylacetophenone, ≥95%, FCC, FG	81
W267902	Methyl p-anisate, ≥99%	81
W268208	Methyl anthranilate, ≥98%, FCC, FG	82
W268216	Methyl anthranilate, natural (US), ≥99%, FG	82
W268305	Methyl benzoate, ≥98%, FCC	82
W268313	Methyl benzoate, natural, ≥98%, FCC	82
W268607	α-Methylbenzyl butyrate, ≥99%	82
W340707	trans-2-Methyl-2-butenal, ≥99%, FG	83
W364703	3-Methyl-2-buten-1-ol, ≥98%	83
W350508	3-Methylbutyl 2-methylbutanoate, ≥98%	84
W269506	2-Methylbutyric acid, ≥98%, FG	84
W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84
W269808	Methyl <i>trans</i> -cinnamate, ≥98%, FCC, FG	85
W505501	Methyl decanoate, ≥99%	85
W247502	Methyl eugenol, ≥98%, FCC	86
W336203	Methyl furfuryl disulfide, ≥95%, FG	86
W337071	3-(5-Methyl-2-furyl)butanal, ≥99%	86
W350818	Methyl 3-hydroxyhexanoate, ≥97%, FG	87
W269409	Methyl isobutyrate, ≥98.5%	88
W370703	Methyl 2-methylpentanoate, ≥98%	89
W272000	Methyl 3-(methylthio)propionate, ≥98%, FG	89
W272302	Methyl β-naphthyl ketone, ≥99%, FCC	89
W337071	Methyl octanoate, 99%	90
W371203	Methyl <i>trans</i> -2-octenoate, ≥96%	90
W341304	2-Methylpentanal, ≥97%	91
W508209	3-Methyl-3-pentanol, ≥99%	91
W273104	4-Methyl-2-pentanone, ≥99%, FCC	91
W319406	2-Methyl-2-pentenal, ≥97%	91
W319503	trans-2-Methyl-2-pentenoic acid, ≥98%, FCC, FG	91
W337501	4-Methylthio-2-butanoate, ≥97%	94
W337609	4-Methylthio-4-methyl-2-pentanone, ≥98%	95
W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95
W275204	Methyl valerate, ≥99%	95

Cat No.	Name	Page
W276200	Myrcene, ≥90%, FCC, FG	96
W278505	2-Nonanone, ≥99%	98
W344001	3-Nonanone, ≥96%, FG	98
W344015	3-Nonanone, natural (US), ≥97%, FG	99
W278807	Nonyl acetate, FCC	99
W279706	Octanal, ≥92%, FCC	100
W280208	2-Octanone, ≥98%	100
W388718	<i>trans</i> -2-Octen-1-ol, 97%	101
W280607	Octyl acetate, ≥98%, FCC, FG	102
W358315	3-Octyl acetate, natural (US), ≥97%, FG	102
W280704	Octyl butyrate, ≥98%, FG	102
W280909	Octyl formate, ≥97%, FCC	102
W281107	Octyl octanoate, ≥98%	102
W284203	2-Pentanone, ≥98%, FCC	105
W284300	4-Pentenoic acid, ≥98%, FG	105
W341703	3-Penten-2-one, ≥70%	105
W211613	Peru balsam	106
W285706	Phenethyl acetate, ≥98%, FCC	106
W285714	Phenethyl acetate, natural, ≥99%, FCC	106
W285900	Phenethyl anthranilate, ≥98%, FCC	106
W286206	Phenethyl isobutyrate, ≥98%, FCC	107
W287105	Phenethyl isovalerate, ≥98%, FCC, FG	107
W363200	Phenethyl 2-methylbutyrate, ≥95%, FCC	107
W322202	Phenethyl octanoate, ≥99%	107
W286605	Phenethyl phenylacetate, ≥98%, FCC	107
W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108
W287814	Phenylacetic acid, natural, ≥99%	108
W289000	3-Phenylpropyl acetate, ≥98%, FCC	110
W289205	2-Phenylpropyl isobutyrate, ≥97%	110
W289302	3-Phenylpropyl isobutyrate, ≥98%	110
W292818	1-Propanol, ≥99%	113
W295809	Propyl propionate, ≥98%, FCC	116
W296309	(R)-(+)-Pulegone, ≥85%	116
W298018	Rhodinol, mixture of L-citronellol and geraniol, FCC	117
W306401	Thyme oil, red	124
W306509	Thyme oil, white, FCC	124
W306606	Thymol, ≥99%, FCC	124
W309311	2-Undecanone, natural, ≥97%, FCC	128
W342300	<i>trans</i> -2-Undecenal, ≥90%	128
W309818	Valeraldehyde, ≥97%	128
green		
cabbage		
W442800	Benzyl isothiocyanate, 98%	18
leafy		
W200409	Acetaldehyde phenethyl propyl acetal, ≥95%	8
wintergreen		
W208418	Isoamyl salicylate, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC	68
other		
W200204	Acetal, ≥98% FG	8
W200220	Acetal, natural	8
W200409	Acetaldehyde phenethyl propyl acetal, ≥95%	8
W241105	4-Allylanisole, ≥98%, FCC	10
W202800	Allyl disulfide, ≥80%	11
W204218	Allyl sulfide, ≥97%, FG	12
W204307	Allyl tiglate, ≥97%	12
W212000	Basil extract, linalool type, FG, natural	16
W361704	Benzyl disulfide, 98%	18
W312908	Biphenyl, ≥99%	19
W217409	Butyl acetate, ≥99%, FCC	21
W326100	2-sec-Butylcyclohexanone, mixture of diastereomers, ≥98%	22
W221503	Butyl sulfide, ≥95%	23
W224111	Cardamom oil, FCC	25
W255002	(-)-Caryyl acetate, mixture of <i>cis</i> and <i>trans</i> , ≥98%, FCC, FG	26
W234605	Cassis bourgeana absolute	26
W229903	Cinnamyl formate, ≥92%, FCC	28
W304045	Citral diethyl acetal, ≥93%	29
W230707	(±)-Citronellal, ≥80%	29
W230715	(±)-Citronellal, natural, ≥85%, FCC	29
W363928	β-Cyclocitral, ≥90%, FG	31
W235504	Cyclohexyl isovalerate, ≥98%	32
W503800	3-Decanone, ≥97%	33
W396605	3-Decanone, ≥97%	33
W236608	<i>trans</i> -2-Decenal, ≥92%, FCC	33
W353205	3-Decen-2-one, predominantly <i>trans</i> , ≥97%	34
W344818	Dicyclohexyl disulfide, ≥94%	34
W376302	Dihydrojasmon, ≥98%	35
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38
W327107	2,3-Dimethylpyrazine, ≥95%, FCC, FG	39

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green: other

Cat No.	Name	Page	Cat No.	Name	Page
W354007	2,6-Dimethylpyridine, ≥99%	39	W343609	1-Methyl-3-methoxy-4-isopropylbenzene, 98%	88
W354201	6,10-Dimethyl-5,9-undecadien-2-one, ≥97%, FG	40	W272507	Methyl <i>trans</i> -2-nonenate, ≥97%	90
W366706	Diphenyl ether, ≥99%	40	W272809	Methyl octanoate, 99%	90
W314811	Ethyl 2- <i>trans</i> -4- <i>cis</i> -decadienoate, natural, ≥85%, FCC	44	W357502	(±)-4-Methyloctanoic acid, ≥98%, FG	90
W243507	Ethyl 3-(furan-2-yl)propionate, ≥98%	45	W371203	Methyl <i>trans</i> -2-octenoate, ≥96%	90
W510408	Ethyl (±)-2-hydroxycaproate, ≥97%	46	W272906	Methyl 2-octynoate, ≥99%, FCC, FG	90
W244104	Ethyl laurate, ≥98%, FCC, FG	47	W376205	3-Methyl-1-pentanol, ≥99%, FG	91
W244201	Ethyl levulinate, ≥98%, FCC, FG	47	W508209	3-Methyl-3-pentanol, ≥99%	91
W244309	Ethyl 2-methylbutyrate, ≥98%, FCC, FG	47	W319406	2-Methyl-2-pentenal, ≥97%	91
W244317	Ethyl 2-methylbutyrate, natural, ≥98%, FCC	47	W357804	2-Methyl-4-propyl-1,3-oxathiane, mixture of <i>cis</i> and <i>trans</i> , ≥98%, FG	93
W348902	Ethyl 2-methyl-4-pentenoate, ≥98%	48	W337218	2-(1-Methylpropyl)thiazole, ≥98%	93
W368008	2-Ethyl-4-methylthiazole, ≥98%, FG	48	W330906	2-Methylpyrazine, ≥99%, FCC, FG	93
W364304	Ethyl- <i>trans</i> -2-octenoate, ≥98%	49	W371602	4-Methylthiazole, ≥98%	94
W368318	Ethyl 3-oxohexanoate, ≥98%	49	W343803	3-(Methylthio)-1-hexanol, ≥97%	95
W245704	Ethyl pyruvate, ≥97%	50	W276200	Myrcene, ≥90%, FCC, FG	96
W383902	Farnesene, mixture of isomers	52	W277207	Nerolidol, mixture of <i>cis</i> and <i>trans</i> , FCC	97
W328405	1-Furfurylpyrrole, ≥98%	54	W277304	Neryl acetate, ≥98%, FCC, FG	97
W250406	Genet absolute, natural	55	W277401	Neryl butyrate, ≥90%	97
W251402	Geranyl formate, FCC	55	W321206	<i>trans,trans</i> -2,4-Nonadienal, ≥85%	97
W254509	3-Heptanone, 96%	58	W337706	<i>trans,trans</i> -2,6-Nonadienal, mixture of isomers, ≥96%, FCC	97
W316504	<i>trans</i> -2-Heptenal, ≥95%	58	W376604	<i>trans,trans</i> -2,6-Nonadienal, ≥93%, FG	97
W328915	cis-4-Heptenal solution, 10 wt. % in triethyl citrate, FG, natural (US)	58	W278009	<i>trans,trans</i> -2,6-Nonadien-1-ol, ≥95%, FCC, FG	98
W254800	Heptyl alcohol, ≥97%, FCC	58	W395218	<i>trans,trans</i> -2,6-Nonadienyl acetate, mixture of isomers, ≥97%	98
W254908	Heptyl butyrate, ≥98%	58	W331503	2-Nonanol, ≥97%	98
W342904	<i>trans,trans</i> -2,4-Hexadienal, ≥95%	59	W344001	3-Nonanone, >96%, FG	98
W392200	<i>trans,trans</i> -2,4-Hexadien-1-ol, ≥97%	59	W346500	cis-6-Nonen-1-ol, ≥93%, FG	99
W255718	Hexanal, ≥97%, FCC, FG	60	W372102	2,4-Octadienal, predominantly <i>trans,trans</i> , ≥95%	99
W255726	Hexanal, natural, ≥95%, FG	60	W280208	2-Octanone, ≥98%	100
W255734	Hexanal, natural, ≥90%	60	W280305	3-Octanone, ≥98%, FG	101
W256005	<i>trans</i> -2-Hexen-1-al, ≥95%, FCC, FG	60	W321508	<i>trans</i> -2-Octenal, ≥94%	101
W256110	<i>trans</i> -2-Hexen-1-al, natural, FG	60	W388718	<i>trans</i> -2-Octen-1-ol, 97%	101
W256102	cis-3-Hexenal solution, 50% in triacetin, FG	60	W372218	cis-5-Octen-1-ol, ≥98%	101
W392405	cis-2-Hexen-1-ol, ≥90%	61	W280704	Octyl butyrate, ≥98%, FG	102
W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG	61	W280801	Octyl isobutyrate, ≥98%, FCC	102
W256307	cis-3-Hexen-1-ol, ≥98%, FCC	61	W530432	Parsley leaf extract, FG, natural	104
W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62	W331600	2-Pentanol, ≥98%	104
W317101	cis-3-Hexenyl acetate, ≥98%, FCC, FG	62	W321818	<i>trans</i> -2-Pentenal, ≥95%, FG	105
W368806	cis-3-Hexenyl benzoate, ≥97%	62	W358401	1-Penten-3-ol, ≥98%, FG	105
W392618	trans-2-Hexenyl butyrate, ≥96%	62	W331708	2-Pentylfuran, ≥97%, FG	105
W340200	cis-3-Hexenyl butyrate, ≥98%	62	W338303	2-Pentylpyridine, ≥97%	105
W335304	cis-3-Hexenyl formate, ≥94%	62	W355704	(S)(-)-Perillaldehyde, ≥92%	106
W340308	cis-3-Hexenyl hexanoate, ≥98%, FG	62	W266418	(S)(-)-Perillyl alcohol, ≥90%, FG	106
W369004	cis-3-Hexenyl lactate, ≥98%	62	W286400	Phenethyl formate, ≥96%	107
W349801	cis-3-Hexenyl 3-methylbutanoate, ≥97%, FCC	63	W322105	Phenethyl hexanoate, ≥97%, FG	107
W509876	cis-3-Hexenyl salicylate, ≥97%	63	W322202	Phenethyl octanoate, ≥99%	107
W393118	cis-3-Hexenyl tiglate, ≥97%	63	W287008	Phenethyl tiglate, ≥94%	108
W256706	Hexyl alcohol, ≥98%, FCC	63	W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108
W369101	Hexyl benzoate, ≥98%	63	W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108
W257001	Hexyl formate, ≥97%	64	W287601	Phenylacetaldehyde dimethyl acetal, ≥98%, FCC	108
W257206	Hexyl hexanoate, ≥97%, FG	64	W287806	Phenylacetic acid, ≥99%, FCC	108
W349909	Hexyl 2-methylbutanoate, ≥95%, FCC, FG	64	W322601	1-Phenyl-1,2-propanedione, 98%, FG	109
W349915	Hexyl 2-methylbutanoate, natural (US), ≥95%, FG	64	W420201	Prenyl acetate, ≥98%	112
W257508	Hexyl octanoate, ≥97%	64	W322806	Propyl disulfide, ≥97%, FG	114
W257605	Hexyl propionate, ≥97%, FG	64	W294306	Propyl formate, ≥97%	114
W257615	Hexyl propionate, natural (US), ≥97%, FG	64	W406503	2-Propylpyridine, ≥97%	116
W500909	Hexyl tiglate, ≥97%	64	W303208	Spearmint oil, FCC, FG	119
W258504	Hydroxycitronellal dimethyl acetal, ≥95%, FCC	65	W303216	Spearmint oil, terpenoid	119
W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67	W303224	Spearmint oil	119
W207500	Isoamyl hexanoate, mixture of isomers, ≥98%, FCC	67	W323608	Tetrahydro-4-methyl-2-(2-methyl-1-propenyl)-2H-pyran, mixture of <i>cis</i> and <i>trans</i> , ≥98%	122
W207519	Isoamyl hexanoate, mixture of isomers, natural, ≥98%	67	W377406	Theaspirane, mixture of <i>cis</i> and <i>trans</i> , ≥85%, FG	123
W208515	Isoamyl isovalerate, natural, ≥98%, FCC	68	W306401	Thyme oil, red	124
W208000	Isoamyl octanoate, ≥98%	68	W306509	Thyme oil, white, FCC	124
W208418	Isoamyl salicylates, mixture of isoamyl and 2-methylbutylic salicylates, ≥98%, FCC	68	W379506	1,3,5-Undecatriene, mixture of 1,3(<i>E</i>),5(<i>Z</i>) and 1,3(<i>E</i>),5(<i>E</i>) isomers, ≥70%	128
W220205	Iosobutyl hexanoate, ≥98%	70	W309702	Undecyl alcohol, 97%	128
W313203	2-Iosobutyl-3-methoxypyrazine, ≥99%, FG	70	W311006	Violet leaf absolute	130
W220841	α-Iosobutylphenethyl alcohol, 98%	70	W380318	Whiskey lactone, ≥98%	130
W313408	2-Iosobutylthiazole, ≥99%, FG	70	W311901	Ylang-ylang oil, III	130
W355305	Isophorone, ≥97%	71			
W293504	Isopropyl butyrate, ≥98%	72			
W369918	Isopropyl 2-methylbutyrate, ≥98%	72			
W355518	2-Isopropyl-4-methylthiazole, ≥98%, FG	72			
W264202	Linaryl formate, FCC	76			
W265101	Lovage oil	76			
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79			
W343307	2-Methoxy-3-(1-methylpropyl)pyrazine, ≥98%	79			
W335800	2-Methoxy-3(5 or 6)-isopropylpyrazine, ≥98%	80			
W268402	α-Methylbenzyl acetate, ≥98%, FCC	82			
W268909	α-Methylbenzyl propionate, ≥98%	82			
W340707	trans-2-Methyl-2-butenal, ≥99%, FG	83			
W364703	3-Methyl-2-but-en-1-ol, ≥98%	83			
W269018	Methyl <i>p</i> -tert-butylphenylacetate, ≥95%, FG	84			
W247502	Methyl eugenol, ≥98%, FCC	86			
W270504	Methyl heptanoate, ≥99%	86			
W270709	6-Methyl-5-hepten-2-one, ≥98%, FCC	87			
W270733	6-Methyl-5-hepten-2-one, natural, ≥98%, FCC	87			

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herbaceous: clove

Cat No.	Name	Page	Cat No.	Name	Page
W246905	Eugenyl acetate, ≥98%, FCC	51	W268208	Methyl anthranilate, ≥98%, FCC, FG	82
W247804	Farnesol, mixture of isomers, ≥95%	52	W268216	Methyl anthranilate, natural (US), ≥99%, FG	82
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65	W503908	2-Methyl-3-butene-2-ol, ≥98%	83
W246808	Isoeugenol, mixture of <i>cis</i> and <i>trans</i> , ≥99%, FCC	71	W350605	2-Methylbutyl isovalerate, ≥98%, FCC	83
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79	W269700	α-Methylcinnamaldehyde, ≥97%, FCC	84
W267112	2-Methoxy-4-methylphenol, natural, 97%	79	W269905	6-Methylcoumarin, ≥99%, FCC, FG	85
W359807	2-Methoxy-4-propylphenol, ≥99%	81	W270709	6-Methyl-5-hepten-2-one, ≥98%, FCC	87
W247502	Methyl eugenol, ≥98%, FCC	86	W270733	6-Methyl-5-hepten-2-one, natural, ≥98%, FCC	87
W312401	Vanillylacetone, ≥96%	129	W341002	Methyl jasmonate, ≥95%, FG	88
fennel					
W238600	1,4-Dimethoxybenzene, 99%	36	W271705	Methyl 2-methoxybenzoate, ≥97%	88
W363413	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 10 wt. % in propylene glycol	38	W433609	1-Methyl-3-methoxy-4-isopropylbenzene, 98%	88
W363421	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 3 wt. % in propylene glycol	38	W523909	2-Methyl-3-(3,4-methylenedioxyphenyl)-propanal	89
W318604	4-Phenyltoluene, ≥98%	111	W370908	Methyl nicotinate, ≥99%	89
sage					
W226718	Cedar leaf oil	26	W433706	3-Methylpentanoic acid, ≥98%, FG	91
W264601	Linalyl isovalerate, ≥95%	76	W337218	2-(1-Methylpropyl)thiazole, ≥98%	93
W277800	Neryl isovalerate, ≥92%	97	W509973	1-Methylpyrrole, ≥99%	93
other					
W200409	Acetaldehyde phenethyl propyl acetal, ≥95%	8	W276200	Myrcene, ≥90%, FCC, FG	96
W241105	4-Allylanisole, ≥98%, FCC	10	W376507	(-)Myrtenyl acetate, ≥95%	96
W267007	p-Anisaldehyde, ≥97.5%, FCC	14	W2777304	Neryl acetate, ≥98%, FCC, FG	97
W212628	Beeswax absolute breche	16	W278300	1,3-Nonanediol acetate, mixed esters, ≥80%	98
W288101	Benzylideneacetone, ≥99%	18	W278106	γ-Nonanool lactone, ≥98%, FCC	98
W214115	Benzyl isobutyrate, natural (US), ≥97%, FG	18	W278505	2-Nonanone, ≥99%	98
W215201	Benzyl isovalerate, ≥98%, FCC	18	W278513	2-Nonanone, natural, ≥97%, FCC	98
W219908	Butyl heptanoate, ≥98%	22	W344001	3-Nonanone, >96%, FG	98
W333301	3-Butyldeneephthalide, mixture of <i>cis</i> and <i>trans</i> isomers, ≥96%	22	W344015	3-Nonanone, natural (US), ≥97%, FG	99
W221503	Butyl sulfide, ≥95%	23	W279609	γ-Octalactone, ≥97%, FCC, FG	100
W224111	Cardamom oil, FCC	25	W358118	3-Octanol, ≥97%, FCC, FG	100
W224707	L-Carveol, mixture of <i>cis</i> and <i>trans</i> , ≥95%, FG	25	W358126	3-Octanol, natural, ≥97%, FCC, FG	100
W224820	4-Carvomenthol, natural, ≥92%	25	W280208	2-Octanone, ≥98%	100
W224847	4-Carvomenthol, ≥92%, FCC	25	W280305	3-Octanone, ≥98%, FG	101
W224901	L-Carvone, ≥97%, FCC	25	W321508	trans-2-Octenol, ≥94%	101
W229903	Cinnamyl formate, ≥92%, FCC	28	W280518	1-Octen-3-ol, ≥98%, FCC, FG	101
W231703	Citronellyl valerate, ≥85%	30	W341606	trans-3-Octen-2-one, ≥98%	101
W342017	Damascenone, natural, 1.1-13 wt. % (190 proof ethanol), FG	32	W280607	Octyl acetate, ≥98%, FCC, FG	102
W236306	Decanal dimethyl acetal, ≥98%	33	W358315	3-Octyl acetate, natural (US), ≥97%, FG	102
W356506	Di-Dihydrocarvone, mixture of isomers, ≥97%, FCC	35	W530432	Parsley leaf extract, FG, natural	104
W238104	Ditydrocoumarin, ≥99%, FCC, FG	35	W211613	Peru balsam	106
W326801	3,4-Dimethyl-1,2-cyclopentadione, ≥97%	37	W285509	α-Phellandrene	106
W239402	α,α-Dimethylphenethyl butyrate, ≥95%, FCC	39	W286400	Phenethyl formate, ≥96%	107
W240206	trans-2-Dodecenal, ≥93%, FCC	41	W287008	Phenethyl figtale, ≥94%	108
W506109	Ethyl chrysanthemate, mixture of <i>cis</i> and <i>trans</i> , ≥95%	44	W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108
W246506	Eucalyptol, ≥99%, FCC	51	W287814	Phenylacetate acid, natural, ≥99%	108
W383902	Farnesene, mixture of isomers	52	W318604	4-Phenyltoluene, ≥98%	111
W248606	Frangipani absolute, natural	52	W291102	Piperonal, ≥99%, FCC, FG	112
W249300	Furfuryl mercaptan, ≥97%, FG	54	W293008	Propyl anisole, ≥99%, FCC, FG	113
W251801	Geranyl isovalerate, ≥95%, FG	56	W322806	Propyl disulfide, ≥97%, FG	114
W252204	Ginger oil, FCC, FG, natural	56	W295205	3-Propylideneephthalide, ≥96%	114
W253901	γ-Heptalactone, ≥98%, FCC, FG	57	W296309	(R)(+)-Pulegone, ≥85%	116
W357408	3-Heptanol, ≥98%	58	W336907	Safranal, ≥88%, FG	118
W392200	trans,trans-2,4-Hexadien-1-ol, ≥97%	59	W300306	Sage oil, Spanish, FCC	118
W255602	γ-Hexalactone, ≥98%, FCC, FG	59	W304400	Tagete oil, natural	121
W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG	61	W355909	γ-Terpinene, ≥95%, FCC	121
W256404	trans-2-Hexenyl acetate, ≥98%, FCC	62	W304700	Terpiyl acetate, ≥95%	121
W368806	cis-3-Hexenyl benzoate, ≥97%	62	W305308	Terpiyl propionate, ≥95%, FCC, FG	122
W349704	cis-3-Hexenyl 2-methylbutanoate, ≥97%, FCC	63	W306401	Thyme oil, red	124
W363308	cis-3-Hexenyl phenylacetate, ≥99%	63	W306509	Thyme oil, white, FCC	124
W256706	Hexyl alcohol, ≥98%, FCC	63	W308005	Tributyl 2-acetylcitrate, ≥98%	125
W257206	Hexyl hexanoate, ≥97%, FG	64	W338818	2-Tridecanone, ≥96%	125
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65	W332402	3,5,5-Trimethyl-1-hexanol, ≥85%	126
W354805	2'-Hydroxyacetophenone, ≥98%	65	W342300	trans-2-Undecenal, ≥90%	128
W208418	Isoamyl salicylate, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC	68	W310301	(±)-γ-Valerolactone, ≥98%, FCC, FG	128
W216305	Isobornyl propionate, ≥92%	69			
W220841	α-Isobutylphenethyl alcohol, 98%	70			
W355305	Isophorone, ≥97%	71			
W260401	Juniper berry oil, FCC	73			
W261505	Lauric aldehyde, ≥95%, FCC	74			
W261513	Lauric aldehyde, natural, ≥95%, FCC, FG	74			
W262000	Lavender absolute, natural	74			
W512850	Lavender oil synthetic	74			
W504505	(S)(-)-Limonene, ≥95%, FCC	75			
W264202	Linalyl formate, FCC	76			
W264504	Linalyl propionate, ≥92%, FCC, FG	76			
W265101	Lovage oil	76			
W266701	L-Menthone, mixture of isomers, ≥96%, FCC	78			
W266825	L-Menthyl acetate, natural, ≥98%, FCC	78			
W266809	D-L-Menthyl acetate, ≥97%, FCC	78			
W356700	trans-p-Methoxycinnamaldehyde, ≥98%	79			
honey					
W250500	Genet extract, FG, natural	55			
W530394	Helichrysum oil, natural	57			
meaty					
bacon					
W267112	2-Methoxy-4-methylphenol, natural, 97%	79			
beef					
W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG	49			
W316318	2-Furyl methyl ketone, ≥99%, FG	54			
W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95			
W347418	2,6,6-Trimethyl-1-cyclohexene-1-acetaldehyde, ≥75%	126			
W439400	2,4,5-Trimethylloxazole, 99%	126			
other					
W339105	3-Acetyl-2,5-dimethylfuran, ≥99%, FCC	9			
W352705	3-Acetyl-2,5-dimethylthiophene, ≥99%	9			
W325007	2-Acetyl-3-ethylpyrazine, 98%, FG	9			
W332801	2-Acetylthiazole, ≥99%, FG	10			

Organoleptic properties index

meaty: other

Cat No.	Name	Page
W365505	4-Allyl-2,6-dimethoxyphenol, ≥90%.	11
W203300	Allyl- α -ionone, ≥65%.	11
W214507	Benzyl formate, ≥95%, FCC.	18
W214701	Benzyl mercaptan, 99%.	18
W520802	1,4-Butanedithiol, ≥97%.	20
W313009	Butylamine, ≥99%.	21
W221902	Butyraldehyde, ≥98%.	24
W221910	Butyraldehyde, natural, ≥95%.	24
W326208	Cyclopentanethiol, ≥97%.	32
W313505	trans,trans-2,4-Decadienal, FG.	32
W236608	trans-2-Decenal, ≥92%, FCC.	33
W353205	3-Decen-2-one, predominantly trans, ≥97%.	34
W333603	2,3-Diethylpyrazine, ≥97%.	35
W313602	2,3-Diethylpyrazine, ≥98%.	35
W326607	4,5-Dihydro-3(2H)-thiophenone, ≥98%, FG.	36
W382604	2,5-Dihydroxy-1,4-dithiane, mixture of isomers, ≥97%.	36
W313718	2,6-Dimethoxyphenol, ≥98%, FG.	37
W326704	2,4-Dimethyl-5-acetylthiazole.	37
W345001	2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane, 95%.	37
W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%.	38
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG.	38
W363421	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 3 wt. % in propylene glycol.	38
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%.	38
W327107	2,3-Dimethylpyrazine, ≥95%, FCC, FG.	39
W327204	2,5-Dimethylpyrazine, ≥98%, FCC, FG.	39
W327301	2,6-Dimethylpyrazine, ≥98%, FG.	39
W503401	2,4-Dimethylthiazole, ≥95%.	40
W327409	4,5-Dimethylthiazole, ≥97%.	40
W327506	Dimethyl trisulfide, ≥98% FG.	40
W314609	2,2'-(Dithiodimethylene)difuran, ≥95%, FG.	41
W334006	2-Ethoxymethane, ≥99%.	42
W367400	Ethyl 3-(furfurylthio)propionate, ≥98%.	45
W243604	4-Ethylguaiacol, ≥98%, FCC, FG.	45
W327905	Ethyl 2-mercaptopropionate, ≥95%.	47
W339407	3-Ethylpyridine, ≥98%, FG.	50
W316105	Furfuryl isopropyl sulfide, ≥98%.	53
W249300	Furfuryl mercaptan, ≥97%. FG.	54
W253502	Guaiacyl phenylacetate, ≥98%.	57
W354708	3-Heptanol, ≥98%.	58
W254800	Heptyl alcohol, ≥97%, FCC.	58
W349518	1,6-Hexanedithiol, ≥97%, FG.	60
W392618	trans-2-Hexenyl butyrate, ≥96%.	62
W288705	Hydrocinnamaldehyde, ≥90%, FCC.	65
W317411	4-Hydroxy-2,5-dimethyl-3(2H)-furanone solution, 10 wt. % in propylene glycol.	65
W382701	Isopropyl disulfide, ≥96%.	72
W355518	2-Isopropyl-4-methylthiazole, ≥98%, FG.	72
W265101	Lavone oil.	76
W350206	2-Mercapto-3-butanol, mixture of isomers, ≥97%, FG.	78
W329800	3-Mercapto-2-butane, ≥80%.	78
W318000	2-Mercaptopropionic acid, ≥95%.	79
W267104	2-Methoxy-4-methylphenol, ≥98%, FG.	79
W267112	2-Methoxy-4-methylphenol, natural, 97%.	79
W359807	2-Methoxy-4-propylphenol, ≥99%.	81
W318809	2-Methyl-3-furanthiol, ≥85%, FG.	86
W397301	2-Methyl-3-furanthiol acetate, ≥80%.	86
W336203	Methyl furfuryl disulfide, ≥95%, FG.	86
W357308	Methyl 2-methyl-3-furyl disulfide.	89
W394904	2-Methyl-3-methylthiofuran, ≥98%.	89
W357405	4-Methylnonanoic acid, ≥97%.	90
W357502	(\pm)-4-Methyloctanoic acid, ≥98%, FG.	90
W330906	2-Methylpyrazine, ≥99%, FCC, FG.	93
W378704	2-Methyl-3-tetrahydrofuranthiol, mixture of cis and trans, ≥97%, FG.	94
W320404	4-Methyl-5-thiazoleethanol, ≥98% FG.	94
W320501	4-Methyl-5-thiazoleethanol acetate, ≥98%, FG.	94
W518123	2-Methyl-2-thiazoline, 98%.	94
W341509	3-(Methylthio)-1-propanol, ≥98%, FG.	95
W274704	3-(Methylthio)propanaldehyde, ≥97%, FG.	95
W321206	trans,trans-2,4-Nonadienal, ≥85%.	97
W335606	δ -Nonalactone, 98%, FCC, FG.	98
W272803	Nonanal, ≥95%, FCC.	98
W351318	1,9-Nonanedithiol, ≥95%.	98
W351407	1,8-Octanedithiol, ≥97%.	100
W280518	1-Octen-3-ol, ≥98%, FCC, FG.	101
W388718	trans-2-Octen-1-ol, 97%.	101
W287814	Phenylacetic acid, natural, ≥99%.	108
W358800	1,3-Propanedithiol, ≥96%.	113
W389706	2-Propanethiol, ≥98%.	113
W292303	Propionaldehyde, ≥97%.	113
W323004	Pyrazineethanethiol, ≥97%, FG.	116
W297003	Pyruvic acid, ≥97%.	116
W297070	Pyruvic acid, natural, ≥80%.	116
W323802	2,2'-(Thiodimethylene)difuran, ≥98%, FG.	123
W324000	σ -Toluenethiol, ≥97%, FG.	124
W324108	Trimethylamine solution, 25 wt. % in H ₂ O.	125

medicinal

W217808	Butyl alcohol, ≥99.9%, FCC.	21
W223018	α -Camphor, ≥97%.	24
W348007	α -Cresol, ≥99%.	31
W353000	m-Cresol, ≥98%.	31
W233706	ρ -Cresol, ≥98%.	31
W238007	ι -Dihydrocarvyl acetate, mixture of isomers, ≥95%.	35
W327204	2,5-Dimethylpyrazine, ≥98%, FCC, FG.	39
W315605	4-Ethylphenol, ≥98%.	49
W253200	Guaiacol, natural, ≥98%, FG.	56
W335118	3-Hexanol, ≥97%.	60
W346101	2-Isopropylphenol, ≥98%.	72
W416301	2'-Methoxyacetophenone, 99%.	79
W267112	2-Methoxy-4-methylphenol, natural, 97%.	79
W268208	Methyl anthranilate, ≥98%, FCC, FG.	82
W268216	Methyl anthranilate, natural (US), ≥99%, FG.	82
W394718	3-Methylcyclohexanone, ≥97%.	85
W336009	3-Methyl-2-cyclohexenone, ≥98%.	85
W343900	Myrtenol, ≥95%.	96
W361801	5-Phenyl-1-pentanol, ≥98%.	109
W322601	1-Phenyl-1,2-propanedione, 98%, FG.	109
W292206	Propenyl guaiacol, ≥99%, FCC.	113
W364908	4-Propylphenol, ≥97%.	115
W323306	Styrene, ≥99%.	120
W304204	Tannic acid.	121
W355801	α -Terpinene, ≥89%, FCC, FG.	121
W359505	2,5-Xylenol, ≥99%.	130
W324906	2,6-Xylenol, ≥99%.	130

minty

sweet

W296503	Isopulegyl acetate, mixture of isomers, ≥95%.	73
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other

W241105	4-Allylanisole, ≥98%, FCC.	10
W267007	p-Anisaldehyde, ≥97.5%, FCC.	14
W216900	Buchu leaf oil, Crenulata, FG, natural.	20
W326100	2-sec-Butylcyclohexanone, mixture of diastereomers, ≥98%.	22
W224707	ι -Carveol, mixture of cis and trans, ≥95%, FG.	25
W224847	4-Carvomenthol, ≥92%, FCC.	25
W224901	ι -Carvone, ≥97%, FCC.	25
W225002	(ι -)Caryl acetate, mixture of cis and trans, ≥98%, FCC, FG.	26
W225118	(ι -)Caryl propionate, ≥97%.	26
W521604	Commint oil, chinese type.	30
W521701	Commint oil, redistilled.	30
W633928	β -Cyclocitral, ≥90%, FG.	31
W356506	α -Dihydrocarvone, mixture of isomers, ≥97%, FCC.	35
W238007	ι -Dihydrocarvyl acetate, mixture of isomers, ≥95%.	35
W242209	Ethyl benzoate, ≥99%, FCC.	43
W242217	Ethyl benzoate, natural, ≥99%, FCC.	43
W245801	Ethyl salicylate, ≥99%, FCC.	50
W246506	Eucalyptol, ≥99%, FCC.	51
W250406	Genet absolute, natural.	55
W354708	3-Heptanol, ≥98%.	58
W328901	cis-4-Heptenal, ≥98%, FCC, FG.	58
W256110	trans-2-Hexen-1-al, natural, FG.	60
W256218	trans-2-Hexen-1-ol, ≥96%, FCC, FG.	61
W392901	cis-3-Hexenyl isobutyrate, >98%.	62
W349704	cis-3-Hexenyl 2-methylbutanoate, ≥97%, FCC.	63
W259500	β -Ionone, predominantly trans, ≥97%, FCC.	67
W217514	Isobutyl acetate, natural, ≥97%, FCC, FG.	69
W322903	Isopropyl tiglate, ≥98%.	73
W296236	(ι -)Isopulegol, ≥99%.	73
W504505	(S)-(ι -)Limonene, ≥95%, FCC.	75
W376418	Menthylactone, ≥99%.	77
W266523	ι -Menthol, natural, ≥99%, FCC.	78
W266590	ι -Menthol, ≥99%, FCC.	78
W266507	DL-Menthol, FCC.	78
W266701	ι -Menthone, mixture of isomers, ≥96%, FCC.	78
W266825	ι -Menthyl acetate, natural, ≥98%, FCC.	78
W266809	DL-Menthyl acetate, ≥97%, FCC.	78
W374806	ι -Menthyl lactate, ≥97%.	78
W350605	2-Methylbutyl isovalerate, ≥98%, FCC.	83
W394718	3-Methylcyclohexanone, ≥97%.	85
W337218	2-(1-Methylpropyl)thiazole, ≥98%.	93
W274518	Methyl salicylate, ≥98%, FCC.	93
W339504	(1R)-(ι -)Myrtenol, ≥97%.	96
W343900	Myrtenol, ≥95%.	96
W358118	3-Octanol, ≥97%, FCC, FG.	100
W358126	3-Octanol, natural, ≥97%, FCC, FG.	100
W358304	3-Octyl acetate, ≥98%, FCC, FG.	102

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minty: other

Cat No.	Name	Page
W284807	Peppermint oil, purified by redistillation, FCC	106
W284815	Peppermint oil, FCC	106
W284823	Peppermint oil, purified by triple-distillation, FCC	106
W284831	Peppermint oil, terpeneless, FCC	106
W285609	α-Phellandrene	106
W318604	4-Phenyltoluene, ≥98%	111
W406503	2-Propylpyridine, ≥97%	116
W296309	(R)-(+)Pulegone, ≥85%	116
W303208	Spearmint oil, FCC, FG	119
W303216	Spearmint oil, terpeneless	119
W303224	Spearmint oil	119
W323500	4,5,6,7-Tetrahydro-3,6-dimethylbenzofuran, ≥95%	122
W377406	Theaspirane, mixture of cis and trans, ≥85%, FG	123
W306401	Thyme oil, red	124
W306606	Thymol, ≥99%, FCC	124
W347507	Trithioacetone, ≥99%, FG	127
W310905	Veratraldehyde, ≥98%, FG	129
W506907	(1S)-(-)-Verbenone, ≥93%	129
mossy		
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%	38
W368318	Ethyl 3-oxohexanoate, ≥98%	49
W363308	cis-3-Hexenyl phenylacetate, ≥99%	63
W357502	(±)-4-Methyloctanoic acid, ≥98%, FG	90
nutty		
<i>almond</i>		
W200905	Acetophenone, ≥98%, FCC	8
W369608	6-Amyl-α-pyrone, ≥96%, FG	13
W407701	o-Anisaldehyde	14
W267007	p-Anisaldehyde, ≥97%, FCC	14
W209805	Anisyl acetate, ≥97%, FCC	15
W212709	Benzaldehyde, ≥98%, FCC	16
W212717	Benzaldehyde, natural, ≥98% FCC, FG	16
W213802	Benzyl benzoate, ≥99%, FCC	17
W237108	Benzyl ether, ≥98% FCC	18
W288101	Benzylideneacetone, ≥99%	18
W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28
W238104	Dihydrocoumarin, ≥99%, FCC, FG	35
W342718	2,4-Dimethylbenzaldehyde, ≥90%	37
W327107	2,3-Dimethylpyrazine, ≥95%, FCC, FG	39
W375608	4-Ethylbenzaldehyde, ≥97%	43
W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG	49
W248908	Furfural, ≥98%, FCC	53
W248924	Furfural, natural, ≥98%, FCC	53
W316318	2-Furyl methyl ketone, ≥99%, FG	54
W392200	trans,trans-2,4-Hexadien-1-ol, ≥97%	59
W256005	trans-2-Hexen-1-ol, ≥95%, FCC, FG	60
W256110	trans-2-Hexen-1-ol, natural, FG	60
W392405	cis-2-Hexen-1-ol, ≥90%	61
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65
W317411	4-Hydroxy-2,5-dimethyl-3(2H)-furanone solution, 10 wt. % in propylene glycol	65
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
W318302	2-Methoxy-3-methylpyrazine, ≥99%, FCC, FG	79
W431600	2'-Methylacetophenone, ≥96%	81
W439800	2-Methylbenzoxazole, 99%	82
W270202	5-Methylfurfural, ≥98%	86
W356905	2-Methyl-3(5 or 6)-ethoxypyrazine, mixture of isomers, 99%	90
W320803	(Methylthio)methylpyrazine, mixture of isomers, ≥98%, FG	95
W291102	Piperonal, ≥99%, FCC, FG	112
W292303	Propionaldehyde, ≥97%	113
W300403	Salicylaldehyde, ≥98%	118
W375403	Vanillin isobutyrate, ≥98%, FG	129
<i>hazelnut</i>		
W332704	2-Acetyl-3,5(6)-dimethylpyrazine, mixture of isomers, ≥98%	9
W332801	2-Acetylthiazole, ≥99%, FG	10
W336003	2,3-Diethyl-5-methylpyrazine, ≥97%	35
W313602	2,3-Diethylpyrazine, ≥98%	35
W238503	1,3-Dimethoxybenzene, ≥98%, FG	36
W315508	2-Ethyl-3-methylpyrazine, ≥98%, FCC, FG	48
W316407	trans,trans-2,4-Heptandienal, ≥88%	57
W376108	5-Methyl-2-hepten-4-one, predominantly <i>trans</i> , 98%, FG	87
W370703	Methyl 2-methylpentanoate, ≥98%	89
W324418	2,3,5-Trimethylpyrazine, ≥99%, FCC, FG	126
W332518	2,4,5-Trimethylthiazole, ≥98%, FG	126
<i>peanut</i>		
W339407	3-Ethylpyridine, ≥98%, FG	50
W254606	4-Heptanone, ≥97%	58
W335800	2-Methoxy-3(5 or 6)-isopropylpyrazine, ≥98%	80
W267511	2-Methoxy-4-vinylphenol, ≥98%	81

Cat No.	Name	Page
W364401	2-Methylbutyl acetate, 99%	83
W364428	2-Methylbutyl acetate, natural, ≥94%, FG	83
W330604	5H-5-Methyl-6,7-dihydrocyclopenta[b]pyrazine, ≥97%, FG	85
W357308	Methyl 2-methyl-3-furyl disulfide	89
W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95
W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108
W287415	Phenylacetaldehyde solution, natural, 10 wt. % in ethanol	108
W292818	1-Propanol, ≥99%	113
W324426	2,3,5-Trimethylpyrazine, natural, ≥80%	126
<i>walnut</i>		
W213705	Benzyl alcohol, ≥99%, FCC, FG	17
W265101	Lovage oil	76
W368709	2-Methoxyphenyl acetate, ≥98%	80
W268003	2-Methylanisole, ≥99%	81
W320218	Methyl 2-pyrrolyl ketone, ≥98%, FG	93
W288802	2-Phenylpropionaldehyde dimethyl acetal, ≥97%, FCC	110
W324205	p,a,a-Trimethylbenzyl alcohol, ≥90%	125
<i>other</i>		
W200506	Acetanisole, ≥98%, FCC, FG	8
W339105	3-Acetyl-2,5-dimethylfuran, ≥99%, FCC	9
W325007	2-Acetyl-3-ethylpyrazine, 98%, FG	9
W360902	2-Acetyl-5-methylfuran, ≥98%	9
W312606	2-Acetylpyrazine, ≥99%, FCC, FG	9
W324208	3-Acetylpyridine, ≥98%, FG	9
W293904	α-Angelica lactone, ≥98%, FG	14
W212806	Benzaldehyde dimethyl acetal, ≥98%	16
W229806	Cinnamyl cinnamate, mixture of isomers, ≥95%	28
W342017	Damascenone, natural, 1.1-1.3 wt. % (190 proof ethanol), FG	32
W236128	D-Decalactone, natural, ≥98%, FCC, FG	33
W238104	Dihydrocoumarin, ≥99%, FCC, FG	35
W326704	2,4-Dimethyl-5-acetylthiazole	37
W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%	38
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%	38
W327204	2,5-Dimethylpyrazine, ≥98%, FCC, FG	39
W327301	2,6-Dimethylpyrazine, ≥98%, FG	39
W354007	2,6-Dimethylpyridine, ≥99%	39
W327409	4,5-Dimethylthiazole, ≥97%	40
W334006	2-Ethoxymethylthiazole, ≥99%	42
W368008	2-Ethyl-4-methylthiazole, ≥99%, FG	48
W244708	Ethyl nonanoate, ≥98%, FCC, FG	48
W328103	2-Ethylpyrazine, ≥98%, FG	50
W249300	Furfuryl mercaptan, ≥97%, FG	54
W249408	3-(2-Furyl)acrolein, ≥99%	54
W254002	Heptanal, ≥92%, FCC	57
W254606	4-Heptanone, ≥97%	58
W254800	Heptyl alcohol, ≥97%, FCC	58
W392901	cis-3-Hexenyl isobutyrate, >98%	62
W355305	Isophorone, ≥97%	71
W355118	2-Isopropyl-4-methylthiazole, ≥98%, FG	72
W330205	2-Methoxypyrazine, ≥99%, FCC	81
W336009	3-Methyl-2-cyclohexenone, ≥98%	85
W270008	Methyl cyclopentenolone, 98%, FCC, FG	85
W336203	Methyl furfuryl disulfide, ≥95%, FG	86
W343609	1-Methyl-3-methoxy-4-isopropylbenzene, 98%	88
W394904	2-Methyl-3-methylthiofuran, ≥98%	89
W272418	Methyl nonanoate, ≥97%	89
W502502	2-Methyl-3-propylpyrazine, ≥98%	93
W337218	2-(1-Methylpropyl)thiazole, ≥98%	93
W330906	2-Methylpyrazine, ≥99%, FCC, FG	93
W320307	5-Methylquinoxaline, ≥99%, FG	93
W371602	4-Methylthiazole, ≥98%	94
W320404	4-Methyl-5-thiazoleethanol, ≥98%, FG	94
W274704	3-(Methylthio)propionaldehyde, ≥97%, FG	95
W275204	Methyl valerate, ≥99%	95
W331309	4-Methyl-5-vinylthiazole, ≥97%	95
W335606	δ-Nonalactone, 98%, FCC, FG	98
W278203	Nonanal, ≥95%, FCC	98
W358118	3-Octanol, ≥97%, FCC, FG	100
W341606	trans-3-Octen-2-one, ≥98%	101
W287407	Phenylacetaldehyde, ≥90%, FCC, FG	108
W292206	Propenyl guaiethol, ≥99%, FCC	113
W338605	Pyrrole, ≥98%, FCC	116
W303704	Styrox	120
W361518	Thiazole, ≥99%, FG	123
W323802	2,2'-(Thiodimethylene)difuran, ≥98%, FG	123
W309818	Valeraldehyde, ≥97%	128
W396802	Vanillic acid, ≥97%	129

pepper

W209000	Angelica seed oil, natural	14
W224111	Cardamom oil, FCC	25

Organoleptic properties index

pepper

Cat No.	Name	Page
W224820	4-Carvomenthenol, natural, ≥92%	25
W246506	Eucalyptol, ≥99%, FCC	51
W392405	cis-2-Hexen-1-ol, ≥90%	61
W349704	cis-3-Hexenyl 2-methylbutanoate, ≥97%, FCC	63
W393118	cis-3-Hexenyl tiglate, ≥97%	63
W313203	2-Isobutyl-3-methoxypyrazine, ≥99%, FG	70
W260401	Juniper berry oil, FCC	73
W343307	2-Methoxy-3-(1-methylpropyl)pyrazine, ≥98%	79
W335800	2-Methoxy-3(5 or 6)-isopropylpyrazine, ≥98%	80
W359807	2-Methoxy-4-propylphenol, ≥99%	81
W357308	Methyl 2-methyl-3-fun disulfide	89
W337218	2-(1-Methylpropyl)thiazole, ≥98%	93
W343803	3-(Methylthio)-1-hexanol, ≥97%	95
W339504	(1R)-(-)-Myrcenal, ≥97%	96
W322601	1-Phenyl-1,2-propanedione, 98%, FG	109
W290904	Piperine, ≥97%, FG	112
W355801	α-Terpinene, ≥89%, FCC, FG	121
W305006	Terpinyl isobutyrate, mixture of isomers, ≥85%	122
rich		
W530358	Chamomile absolute, natural (US)	27
W530394	Helichrysum oil, natural	57
W281800	Orange flower absolute, natural	103
W530462	Tonka bean absolute, natural	124
seedy		
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38
W239704	1,3-Diphenyl-2-propanone, ≥98%, FG	40
smoky		
W361704	Benzyl disulfide, 98%	18
W342017	Damascenone, natural, 1.1-1.3 wt. % (190 proof ethanol), FG	32
W313718	2,6-Dimethoxyphenol, ≥98%, FG	37
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38
W314218	3,7-Dimethyl-6-octenoic acid, ≥94%	39
W243604	4-Ethylguaiacol, ≥98%, FCC, FG	45
W315214	3-Ethyl-2-hydroxy-2-cyclopenten-1-one solution, 50 wt. % in propylene glycol	46
W354503	Ethyl 3-hydroxyhexanoate, ≥98%, FG	46
W339407	3-Ethylpyridine, ≥98%, FG	50
W249300	Furfuryl mercaptan, ≥97%, FG	54
W253200	Guaiacol, natural, ≥98%, FG	56
W253502	Guaiacyl phenylacetate, ≥98%	57
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79
W267112	2-Methoxy-4-methylphenol, natural, 97%	79
W415901	2-Methoxythiophenol, ≥97%	81
W270008	Methyl cyclopentenolone, 98%, FCC, FG	85
W509973	1-Methylpyrrole, ≥99%	93
W404926	Syringaldehyde, ≥98%	120
W306606	Thymol, ≥99%, FCC	124
soapy		
W244503	Ethyl myristate, ≥98%, FCC	48
W208418	Isoamyl salicylates, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC	68
W261718	Lauryl alcohol, ≥98%	74
W359807	2-Methoxy-4-propylphenol, ≥99%	81
W350605	2-Methylbutyl isovalerate, ≥98%, FCC	83
W271500	Methyl laurate, ≥98%	88
W425301	Methyl 10-undecenoate, 96%	95
W278505	2-Nonanone, ≥99%	98
W278513	2-Nonanone, natural, ≥97%, FCC	98
W278807	Nonyl acetate, FCC	99
W280801	Octyl isobutyrate, ≥98%, FCC	102
spicy		
<i>coumarin</i>		
W209805	Anisyl acetate, ≥97%, FCC	15
<i>other</i>		
W203300	Allyl- α -ionone, ≥65%	11
W208604	trans-Anethole, ≥99%, FCC	14
W407701	o-Anisaldehyde	14
W211907	Basil oil, comoric type	16
W212202	Bay oil	16
W237108	Benzyl ether, ≥98%, FCC	18
W387800	Bis(methylthio)methane, ≥99%, FG	19
W284505	Black pepper oil	20
W326100	2-sec-Butylcyclohexanone, mixture of diastereomers, ≥98%	22
W223816	Caraway oil, FCC	25

Cat No.	Name	Page
W224111	Cardamom oil, FCC	25
W224820	4-Carvomenthenol, natural, ≥92%	25
W225207	β -Caryophyllene, ≥80%, FCC, FG	26
W227102	Celery seed oil, FCC	26
W365807	1,4-Cineole, FG	27
W228613	Cinnamaldehyde, natural, ≥93%, FG	27
W228605	trans-Cinnamaldehyde, ≥98%, FCC	27
W228818	trans-Cinnamic acid, ≥99%, FG	27
W229105	Cinnamon bark oil, FCC	27
W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28
W230103	trans-Cinnamyl propionate, ≥97%	28
W232200	Clove bud extract, FG, natural	30
W232300	Clove bud oil, FCC, natural (US)	30
W238309	Dillweed oil, FCC	36
W342718	2,4-Dimethylbenzaldehyde, ≥90%	37
W241318	4-Ethoxybenzaldehyde, ≥99%	42
W242217	Ethyl benzoate, natural, ≥99%, FCC	43
W243000	Ethyl cinnamate, ≥98%, FCC	44
W367605	1-Ethylhexyl tiglate, ≥92%	46
W246506	Eucalyptol, ≥99%, FCC	51
W246700	Eugenol, ≥98%, FCC, FG	51
W246719	Eugenol, natural, ≥98%	51
W248207	Fennel oil, FCC	52
W334618	Furfuryl propionate, ≥98%, FG	54
W249408	3-(2-Furyl)acrolein, ≥99%	54
W250406	Genet absolute, natural	55
W252204	Ginger oil, FCC, FG, natural	56
W254401	2-Heptanone, ≥98%, FCC, FG	58
W316504	trans-2-Heptenal, ≥95%	58
W288705	Hydrocinnamaldehyde, ≥90%, FCC	65
W259200	Immortelle absolute, natural	66
W208418	Isoamyl salicylate, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC	68
W221007	Isobutyl phenylacetate, ≥98%, FCC	70
W246808	Isoeugenol, mixture of cis and trans, ≥99%, FCC	71
W247006	Isoeugenyl acetate, ≥98%, FCC, FG	71
W363802	trans-Isoeugenyl benzyl ether, ≥98%	71
W247707	Isoeugenyl phenylacetate, mixture of cis and trans, ≥97%	71
W260401	Juniper berry oil, FCC	73
W262218	Lavender oil 40/42% fleurs	74
W266809	DL-Menthyl acetate, ≥97%, FCC	78
W318108	o-Methoxycinnamaldehyde, ≥96%, FG	79
W356700	trans- ρ -Methoxycinnamaldehyde, ≥98%	79
W267112	2-Methoxy-4-methylphenol, natural, 97%	79
W359807	2-Methoxy-4-propylphenol, ≥99%	81
W267511	2-Methoxy-4-vinylphenol, ≥98%	81
W267902	Methyl p -anisate, ≥99%	81
W359904	trans-2-Methyl-2-butenoic acid, ≥99%, FG	83
W269700	α -Methylcinnamaldehyde, ≥97%, FCC	84
W247502	Methyl eugenol, ≥98%, FCC	86
W270202	5-Methylfurfural, ≥98%	86
W247618	Methyl isoeugenol, ≥98%	88
W343609	1-Methyl-3-methoxy-4-isopropylbenzene, 98%	88
W357308	Methyl 2-methyl-3-furyl disulfide	89
W394904	2-Methyl-3-methylthiofuran, ≥98%	89
W273104	4-Methyl-2-pentanone, ≥99%, FCC	91
W274003	4-Methyl-1-phenyl-2-pentanone, ≥92%, FG	92
W274518	Methyl salicylate, ≥98%, FCC	93
W343803	3-(Methylthio)-1-hexanol, ≥97%	95
W279307	Nutmeg oil, FCC	99
W358118	3-Octanol, ≥97%, FCC, FG	100
W358126	3-Octanol, natural, ≥97%, FCC, FG	100
W280305	3-Octanone, ≥98%, FG	101
W321508	trans-2-Octenal, ≥94%	101
W341606	trans-3-Octen-2-one, ≥98%	101
W287601	Phenylacetaldehyde dimethyl acetal, ≥98%, FCC	108
W288802	2-Phenylpropionaldehyde dimethyl acetal, ≥97%, FCC	110
W289000	3-Phenylpropyl acetate, ≥98%, FCC	110
W318604	4-Phenyltoluene, ≥98%	111
W201800	Pimenta berry oil, natural	111
W292206	Propenyl guaiacol, ≥99% FCC	113
W295205	3-Propylenenephthalide, ≥96%	114
W296309	(R)(+)-Pulegone, ≥85%	116
W300403	Salicylaldehyde, ≥98%	118
W303704	Styrax	120
W304700	Terpinyl acetate, ≥95%	121
W305006	Terpinyl isobutyrate, mixture of isomers, ≥85%	122
W306401	Thyme oil, red	124
W306509	Thyme oil, white, FCC	124
W306606	Thymol, ≥99%, FCC	124
W338818	2-Tridecanone, ≥96%	125
W342203	trans,trans-2,4-Undecadienal, ≥90%	127
W312401	Vanillylacetone, ≥96%	129
W506907	(1S)(-)-Verbenone, ≥93%	129
W311901	Ylang-ylang oil, III	130

Organoleptic properties index

tobacco

Cat No.	Name	Page	Page
tobacco			
W238104	Dihydrocoumarin, ≥99%, FCC, FG	35	61
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38	61
W363413	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 10 wt. % in propylene glycol	38	62
W363421	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 3 wt. % in propylene glycol	38	62
W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG	49	62
W339407	3-Ethylpyridine, ≥98%, FG	50	62
W316318	2-Furyl methyl ketone, ≥99%, FG	54	62
W355305	Isophorone, ≥97%	71	63
W266523	L-Menthol, natural, ≥99%, FCC	78	67
W266590	L-Menthol, ≥99%, FCC	78	69
W370908	Methyl nicotinate, ≥99%	89	70
W530455	Tobacco absolute, natural	124	71
vegetable			
cabbage			
W360007	4-(Methylthio)butanol, ≥97%	94	76
celery			
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38	79
W363421	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 3 wt. % in propylene glycol	38	86
W292508	Propyl acetate, ≥98%	113	86
corn			
W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG	49	88
cucumber			
W238902	2,6-Dimethyl-5-heptenal, FCC, FG	38	88
W351504	1-Octen-3-one solution, 50 wt. % in 1-octen-3-ol, FG	101	89
W311006	Violet leaf absolute	130	90
horseradish			
W204218	Allyl sulfide, ≥97%, FG	12	92
W387800	Bis(methylthio)methane, ≥99%, FG	19	92
W315818	2-Furanmethanethiol formate, ≥97%	53	93
W335800	2-Methoxy-3(5 or 6)-isopropylpyrazine, ≥98%	80	93
W358401	1-Penten-3-ol, ≥98%, FG	105	95
potato			
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%	38	96
W315508	2-Ethyl-3-methylpyrazine, ≥98%, FCC, FG	48	97
W316318	2-Furyl methyl ketone, ≥99%, FG	54	97
W337404	3-(Methylthio)butanol, ≥98%, FG	94	98
W284203	2-Pentanone, ≥98%, FCC	105	98
tomato			
W208205	Isoamyl propionate, ≥98%, FCC	68	101
W325007	2-Acetyl-3-ethylpyrazine, 98%, FG	9	101
W312606	2-Acetylpyrazine, ≥99%, FCC, FG	9	101
W221902	Butyraldehyde, ≥98%	24	101
W326208	Cyclopentanethiol, ≥97%	32	101
W382418	1-Decen-3-ol, ≥98%	34	101
W353205	3-Decen-2-one, predominantly trans, ≥97%	34	101
other			
W333603	2,3-Diethyl-5-methylpyrazine, ≥97%	35	101
W353604	Dimethyl disulfide, ≥98%	38	101
W362001	4,5-Dimethyl-2-ethyl-3-thiazoline, mixture of isomers, 97%	38	101
W238902	2,6-Dimethyl-5-heptenal, FCC, FG	38	101
W274615	Dimethyl sulfide, redistilled, ≥99%, FCC	40	101
W274623	Dimethyl sulfide, natural, ≥99%, FCC, FG	40	101
W354201	6,10-Dimethyl-5,9-undecadien-2-one, ≥97%, FG	40	101
W327905	Ethyl 2-mercaptopropionate, ≥95%	47	101
W383503	Ethyl (methylthio)acetate, ≥98%	48	101
W339407	3-Ethylpyridine, ≥98%, FG	50	101
W245704	Ethyl pyruvate, ≥97%	50	101
W245712	Ethyl pyruvate, natural, ≥95%	50	101
W338206	Ethyl vinyl ketone, ≥95%, FG	51	101
W328405	1-Furfurylpyrrole, ≥98%	54	101
W251801	Geranyl isovalerate, ≥95%, FG	56	101
W354708	3-Heptanol, ≥98%	58	101
W316504	trans-2-Heptenal, ≥95%	58	101
W328901	cis-4-Heptenal, ≥98%, FCC, FG	58	101
W328915	cis-4-Heptenal solution, 10 wt. % in triethyl citrate, FG, natural (US)	58	101
W254800	Heptyl alcohol, ≥97%, FCC	58	101
W256005	trans-2-Hexen-1-al, ≥95%, FCC, FG	60	101
W256110	trans-2-Hexen-1-al, natural, FG	60	101
W256102	cis-3-Hexenal solution, 50% in triacetin, FG	60	101
warm			
W223816	Caraway oil, FCC	25	101
W224300	Carob absolute, FG, natural	25	101
W530358	Chamomile absolute, natural (US)	27	101
W358315	3-Octyl acetate, natural (US), ≥97%, FG	102	101
W281800	Orange flower absolute, natural	103	101
W530462	Tonka bean absolute, natural	124	101
waxy			
W202606	Allyl cyclohexanepropionate, ≥98%, FCC, FG	11	101
W219002	Butyl butyryllactate, ≥98%, FCC	22	101
W362009	Decanal, ≥95%, FCC	33	101
W236500	1-Decanol, ≥98%, FCC	33	101
W236608	trans-2-Decenal, ≥92%, FCC	33	101
W382418	1-Decen-3-ol, ≥98%	34	101
W535205	3-Decen-2-one, predominantly trans, ≥97%	34	101
W236802	Decyl butyrate, 97%	34	101
W327701	Diethyl succinate, ≥99%, FCC, FG	35	101
W314803	Ethyl 2-trans-4-cis-decadienoate, ≥80%, FG	44	101

Place an order with your local SAFC representative (see back for contacts).

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waxy

Category No.	Name	Page
W364118	Ethyl <i>trans</i> -2-deenoate, ≥95%	44
W244503	Ethyl myristate, ≥98%, FCC	48
W245100	Ethyl palmitate, ≥95%, FG	49
W245115	Ethyl palmitate, natural (US), ≥95%, FG	49
W245208	Ethyl phenylacetate, ≥98%, FCC	49
W349003	Ethyl stearate, ≥97%	50
W246107	Ethyl 10-undecenoate, ≥97%	51
W249300	Furfuryl mercaptan, ≥97%, FG	54
W255408	1-Hexadecanol, ≥99%	59
W256404	<i>trans</i> -2-Hexenyl acetate, ≥98%, FCC	62
W349704	cis-3-Hexenyl 2-methylbutanoate, ≥97%, FCC	63
W257605	Hexyl propionate, ≥97%, FG	64
W207705	Isoamyl laurate, ≥97%	68
W208000	Isoamyl octanoate, ≥98%	68
W221007	Iobutyl phenylacetate, ≥98%, FCC	70
W355305	Isophorone, ≥97%	71
W293504	Isopropyl butyrate, ≥98%	72
W355690	Isopropyl myristate, ≥98%	72
W261505	Lauric aldehyde, ≥95%, FCC	74
W261513	Lauric aldehyde, natural, ≥95%, FCC, FG	74
W261718	Lauryl alcohol, ≥98%	74
W265713	Mandarin oil, Italian, FCC	77
W265721	Mandarin oil, Argentina	77
W350605	2-Methylbutyl isovalerate, ≥98%, FCC	83
W271500	Methyl laurate, ≥98%	88
W357502	(±)-4-Methyloctanoic acid, ≥98%, FG	90
W276405	Myristic acid, FCC, FG	96
W277304	Neryl acetate, ≥98%, FCC, FG	97
W337706	<i>trans</i> -2, <i>cis</i> -6-Nonadienal, mixture of isomers, ≥96%, FCC	97
W278203	Nonanal, ≥95%, FCC	98
W278408	Nonanoic acid, ≥96%	98
W278505	2-Nonanone, ≥99%	98
W278513	2-Nonanone, natural, ≥97%, FCC	98
W321303	<i>trans</i> -2-Nonenal, ≥93%	99
W372005	cis-2-Nonen-1-ol, ≥97%	99
W337900	<i>trans</i> -2-Nonen-1-ol, ≥96%, FCC	99
W280003	1-Octanol, ≥98%, FCC, FG	100
W358118	3-Octanol, ≥97%, FCC, FG	100
W358126	3-Octanol, natural, ≥97%, FCC, FG	100
W361208	1-Octen-3-yl butyrate, ≥97%, FCC	101
W281301	Octyl propionate, ≥99%	102
W293407	Propyl butyrate, ≥98%	114
W298018	Rhodinol, mixture of <i>l</i> -citronellol and geraniol, FCC	117
W359009	δ-Tetradecalactone, ≥98%, FG	122
W308218	<i>trans</i> -2-Tridecenal, ≥92%, FCC	125
W329401	δ-Undecalactone, >97%	127
W309206	Undecanal, ≥96%, FCC	127
W309508	10-Undecenal, ≥90%	128

wine-like

beer

W207705	Isoamyl laurate, ≥97%	68
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brandy

W207705	Isoamyl laurate, ≥97%	68
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rum

W207705	Isoamyl laurate, ≥97%	68
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whiskey

W205702	Isoamyl alcohol, ≥98%	67
W205710	Isoamyl alcohol, natural, ≥98%, FG	67
W206016	Isoamyl butyrate, natural, ≥98%, 80% isoamyl butyrate basis, FCC	67
W299618	Rum Ether, FG	117
W200301	Acetaldehyde, ≥99%, FCC	8
W200336	Acetaldehyde, natural, ≥99%, FCC, FG	8

other

W204501	Allyl isovalerate, ≥98%, FCC	11
W205001	Ambrette seed absolute	12
W207918	N-Amyl octanoate, ≥98%	13
W207926	Amyl octanoate, mixture of isomers, ≥98%, FCC	13
W219606	Butyl formate, ≥97%	22
W220108	Butyl hexanoate, ≥98%	22
W221600	Butyl 10-undecenoate, ≥98%	23
W232000	trans-Cinnamyl isovalerate, ≥95%, FCC	28
W233218	Cognac oil, white	30
W233100	Cognac oil, green, natural	30
W342017	Damascenone, natural, 1.1-1.3 wt. % (190 proof ethanol), FG	32
W236101	δ-Decalactone, ≥98%, FCC	33
W236128	δ-Decalactone, natural, ≥98%, FCC, FG	33
W236306	Decanal dimethyl acetal, ≥98%	33
W236918	Decyl propionate, ≥96%	34

Category No.	Name	Page
W237604	Diethyl sebacate, ≥98%, FCC	35
W237701	Diethyl succinate, ≥99%, FCC, FG	35
W237809	Diethyl L-tartrate, ≥99%	35
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38
W363413	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 10 wt. % in propylene glycol	38
W363421	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 3 wt. % in propylene glycol	38
W239607	Dimethyl succinate, 98%	40
W240109	δ-Dodecalactone, ≥98%, FCC, FG	41
W242217	Ethyl benzoate, natural, ≥99%, FCC	43
W348600	Ethyl <i>trans</i> -2-butenate, ≥96%, FG	43
W506109	Ethyl chrysanthemate, mixture of <i>cis</i> and <i>trans</i> , ≥95%	44
W314803	Ethyl 2- <i>trans</i> -4- <i>cis</i> -decadienoate, ≥80%, FG	44
W314811	Ethyl 2- <i>trans</i> -4- <i>cis</i> -decadienoate, natural, ≥85%, FG	44
W243213	Ethyl decanoate, natural, ≥98%, FCC	44
W243418	Ethyl formate, ≥97%, FCC, FG	45
W243906	Ethyl hexanoate, ≥98%, FCC, FG	45
W243914	Ethyl hexanoate, natural, ≥98%, FCC, FG	45
W3883503	Ethyl (methylthio)acetate, ≥98%	48
W244910	Ethyl octanoate, natural, ≥98%, FCC	49
W245208	Ethyl phenylacetate, ≥98%, FCC	49
W245518	Ethyl 3-phenylpropionate, ≥98%	49
W245607	Ethyl propionate, ≥97%, FCC, FG	50
W245615	Ethyl propionate, natural, ≥97%, FCC, FG	50
W315818	2-Furanmethanol formate, ≥97%	53
W412101	Geranic acid, 85%	55
W254800	Heptyl alcohol, ≥97%, FCC	58
W392200	<i>trans</i> , <i>trans</i> -2,4-Hexadien-1-ol, ≥97%	59
W413201	<i>trans</i> , <i>trans</i> -2,4-Hexadienyl acetate, 97%	59
W329002	3-Hexanone, ≥97%	60
W360805	1-Hexen-3-ol, ≥98%	61
W392405	cis-2-Hexen-1-ol, ≥90%	61
W256218	<i>trans</i> -2-Hexen-1-ol, ≥96%, FCC, FG	61
W340200	cis-3-Hexenyl butyrate, ≥98%	62
W392901	cis-3-Hexenyl isobutyrate, >98%	62
W317209	Hexyl isobutyrate, ≥98%, FG	64
W317215	Hexyl isobutyrate, natural (US), ≥97%, FG	64
W259306	Indole, ≥99%, FCC	66
W259500	β-Ionone, predominantly <i>trans</i> , ≥97%, FCC	67
W208515	Isoamyl isovalerate, natural, ≥98%, FCC	68
W207705	Isoamyl laurate, ≥97%	68
W208205	Isoamyl propionate, ≥98%, FCC	68
W208418	Isoamyl salicylate, mixture of isoamyl and 2-methylbutyl salicylates, ≥98%, FCC	68
W501018	Isoamyl tiglate, ≥97%	68
W217514	Isobutyl acetate, natural, ≥97%, FCC, FG	69
W217905	Isobutyl alcohol, ≥99%, FCC, FG	69
W355305	Isophorone, ≥97%	71
W355690	Isopropyl myristate, ≥98%	72
W295604	Isopropyl phenylacetate, ≥99%	73
W260401	Juniper berry oil, FCC	73
W262706	Levulinic acid, ≥97%, FG	75
W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79
W267112	2-Methoxy-4-methylphenol, natural, 97%	79
W355807	2-Methoxy-4-propylphenol, ≥99%	81
W267511	2-Methoxy-4-vinylphenol, ≥98%	81
W350605	2-Methylbutyl isovalerate, ≥98%, FCC	83
W269506	2-Methylbutyric acid, ≥98%, FG	84
W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84
W505501	Methyl decanoate, ≥99%	85
W350818	Methyl 3-hydroxyhexanoate, ≥97%, FG	87
W272418	Methyl nonanoate, ≥97%	89
W376205	3-Methyl-1-pentanol, ≥99%, FG	91
W425301	Methyl 10-undecenoate, 96%	95
W276200	Myrcene, ≥90%, FCC, FG	96
W335606	δ-Nonalactone, 98%, FCC, FG	98
W284203	2-Pentanone, ≥98%, FCC	105
W285706	Phenethyl acetate, ≥98%, FCC	106
W287407	Phenylacetate, natural, ≥99%, FCC	108
W287814	Phenylacetic acid, natural, ≥99%	108
W291102	Piperonal, ≥99%, FCC, FG	112
W292303	Propionaldehyde, ≥97%	113
W293407	Propyl butyrate, ≥98%	114
W294918	Propyl hexanoate, ≥98%	114
W295809	Propyl propionate, ≥98%, FCC	116
W295817	Propyl propionate, natural (US), ≥98%, FCC	116
W297003	Pyruvic acid, ≥97%	116
W298018	Rhodinol, mixture of <i>l</i> -citronellol and geraniol, FCC	117
W299618	Rum Ether, FG	117
W404926	Syringaldehyde, ≥98%	120
W377406	Theaspirane, mixture of <i>cis</i> and <i>trans</i> , ≥85%, FG	123
W306606	Thymol, ≥99%, FCC	124
W308005	Tributyl 2-acetylcitrate, ≥98%	125
W308307	Triethyl citrate, ≥99%, FCC	125

Organoleptic properties index

wine-like: *other*

Cat No.	Name	Page	Cat No.	Name	Page
W308315	Triethyl citrate, natural, ≥97%.	125	W266825	L-Menthyl acetate, natural, ≥98%, FCC	78
W398802	Vanillic acid, ≥97%	129	W266809	DL-Menthyl acetate, ≥97%, FCC	78
woody			W266906	Methyl isovalerate, ≥98%, FG	78
<i>cedar</i>			W267104	2-Methoxy-4-methylphenol, ≥98%, FG	79
W268100	4-Methylanisole, ≥99%, FCC	82	W267112	2-Methoxy-4-methylphenol, natural, 97%	79
<i>maple</i>			W368709	2-Methoxyphenyl acetate, ≥98%	80
W363405	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one, ≥97%, FG	38	W359807	2-Methoxy-4-propylphenol, ≥99%	81
W363421	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 3 wt. % in propylene glycol	38	W267902	Methyl <i>p</i> -anisate, ≥99%	81
W366404	2,5-Dimethyl-4-methoxy-3(2H)-furanone, ≥97%	38	W269506	2-Methylbutyric acid, ≥98%, FG	84
W315214	3-Ethyl-2-hydroxy-2-cyclopenten-1-one solution, 50 wt. % in propylene glycol	46	W269514	(±)-2-Methylbutyric acid, natural, ≥98%, FG	84
W315303	5-Ethyl-3-hydroxy-4-methyl-2(5H)-furanone, 97%, FG	46	W247502	Methyl eugenol, ≥98%, FCC	86
W270008	Methyl cyclopentenolone, 98%, FCC, FG	85	W274003	4-Methyl-1-phenyl-2-pentanone, ≥92%, FG	92
W305502	Tetrahydrofurfuryl acetate, ≥97%	122	W509973	1-Methylpyrrole, ≥99%	93
<i>mesquite</i>			W276200	Myrcene, ≥90%, FCC, FG	96
W267112	2-Methoxy-4-methylphenol, natural, 97%	79	W399504	(1 <i>R</i>)-(−)-Myrtenal, ≥97%	96
<i>other</i>			W343900	Myrtenol, ≥95%	96
W203300	Allyl- α -ionone, ≥65%	11	W277207	Nerolidol, mixture of <i>cis</i> and <i>trans</i> , FCC	97
W517100	Amyris oil	14	W280003	1-Octanol, ≥98%, FCC, FG	100
W407701	α -Anisaldehyde	14	W358118	3-Octanol, ≥97%, FCC, FG	100
W530333	Balsam fir absolute, natural	16	W358126	3-Octanol, natural, ≥97%, FCC, FG	100
W288101	Benzylideneacetone, ≥99%	18	W280801	Octyl isobutyrate, ≥98%, FCC	102
W215600	Bois de rose	20	W282928	Orris concrete	103
W215902	Bornyl acetate, ≥97%	20	W342106	4-Oxoisophorone, ≥98%, FG	103
W326100	2-sec-Butylcyclohexane, mixture of diastereomers, ≥98%	22	W211613	Peru balsam	106
W507318	4-tert-Butylcyclohexyl acetate, ≥98%	22	W290203	(−)- α -Pinene, ≥98%, FCC	111
W524018	o-tert-Butylcyclohexyl acetate, mixture of isomers, ≥99%	22	W290300	(−)- β -Pinene, ≥97%, FCC	111
W223018	o-Camphor, ≥97%	24	W291102	Piperonal, ≥99%, FCC, FG	112
W223204	Canaga oil	24	W295205	3-Propylidenephthalide, ≥96%	114
W224111	Cardamom oil, FCC	25	W404926	Syringaldehyde, ≥98%	120
W224820	4-Carvomenthenol, natural, ≥92%	25	W304204	Tannic acid	121
W224847	4-Carvomenthenol, ≥92%, FCC	25	W355801	α -Terpinene, ≥89%, FCC, FG	121
W225207	β -Caryophyllene, ≥80%, FCC, FG	26	W377406	Theaspirane, mixture of <i>cis</i> and <i>trans</i> , ≥85%, FG	123
W230200	trans-Cinnamyl isovalerate, ≥95%, FCC	28	W306401	Thyme oil, red	124
W232300	Clove bud oil, FCC, natural (US)	30	W306509	Thyme oil, white, FCC	124
W353000	m-Cresol, ≥98%	31	W306606	Thymol, ≥99%, FCC	124
W234109	Cuminaldehyde, ≥98%, FCC	31	W324701	Undecylenic acid, ≥95%	128
W342017	Damascenone, natural, 1.1-1.3 wt. % (190 proof ethanol), FG	32	W309818	Valeraldehyde, ≥97%	128
W362603	Dihydro- β -ionone, ≥90%	35	W310905	Veratraldehyde, ≥98%, FG	129
W510424	3',4'-Dimethoxycetophenone, ≥98%	36	W311901	Ylang-ylang oil, III	130
W238708	2',4'-Dimethylacetophenone, ≥96%	37			
W363413	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one solution, 10 wt. % in propylene glycol	38	almond		
W327204	2,5-Dimethylpyrazine, ≥98%, FCC, FG	39	W204600	Almond oil, bitter, FG, natural	12
W354201	6,10-Dimethyl-5,9-undecadien-2-one, ≥97%, FG	40			
W314900	2-Ethyl-3(5 or 6)-dimethylpyrazine, mixture of isomers, ≥95%, FG	49	<i>apple</i>		
W328103	2-Ethylpyrazine, ≥98%, FG	50	W339315	Butyl 2-methylbutyrate, natural (US), ≥98%, FG	23
W246506	Eucalyptol, ≥99%, FCC	51	W246215	Ethyl valerate, natural (US), ≥98%, FG	51
W383902	Farnesene, mixture of isomers	52	<i>berry</i>		
W248908	Furfural, ≥98%, FCC	53	W379715	4-Acetoxy-2,5-dimethyl-3(2H)furanone, natural (US), ≥90%, FG	9
W248924	Furfural, natural, ≥98%, FCC	53	<i>caramel</i>		
W249408	3-(2-Furyl)acrolein, ≥99%	54	W270015	Methyl cyclopentenolone, FG, natural (US)	85
W412101	Geranic acid, 85%	55	<i>cherry</i>		
W252204	Ginger oil, FCC, FG, natural	56	W431600	2'-Methylacetophenone, ≥96%	81
W253200	Guaiacol, natural, ≥98%, FG	56	<i>chocolate</i>		
W254002	Heptanal, ≥92%, FCC	57	W339315	Butyl 2-methylbutyrate, natural (US), ≥98%, FG	23
W254703	Heptyl acetate, ≥98%, FG	58	W439400	2,4,5-Trimethyloxazole, 99%	126
W254800	Heptyl alcohol, ≥97%, FCC	58	<i>cocoa</i>		
W368806	cis-3-Hexenyl benzoate, ≥97%	62	W316315	2-Furyl methyl ketone, natural (US), ≥97%, FG	54
W363308	cis-3-Hexenyl phenylacetate, ≥99%	63	<i>coumarin</i>		
W256706	Hexyl alcohol, ≥98%, FCC	63	W530462	Tonka bean absolute, natural	124
W369101	Hexyl benzoate, ≥98%	63	<i>grape</i>		
W259200	Immortelle absolute, natural	66	W317215	Hexyl isobutyrate, natural (US), ≥97%, FG	64
W259403	α -Ionone, ≥90%, FG	66	<i>leafy</i>		
W259500	β -Ionone, predominantly <i>trans</i> , ≥97%, FCC	67	W212000	Basil extract, linalol type, FG, natural	16
W215805	Isoborneol, ≥95%	68	W344015	3-Nonenone, natural (US), ≥97%, FG	99
W428600	2-Isobutyl-4-methyl-1,3-dioxolane, mixture of isomers, ≥97%	70	<i>lemon</i>		
W221007	Isobutyl phenylacetate, ≥98%, FCC	70	W211300	Balm leaves oil, natural	16
W246808	Isoeugenol, mixture of <i>cis</i> and <i>trans</i> , ≥99%, FCC	71	<i>licorice</i>		
W355305	Isophorone, ≥97%	71	W270015	Methyl cyclopentenolone, FG, natural (US)	85
W260401	Juniper berry oil, FCC	73	<i>maple</i>		
W263516	L-Linalool, natural, ≥80%	76	W270015	Methyl cyclopentenolone, FG, natural (US)	85
W264202	Linalyl formate, FCC	76			
W266523	L-Menthol, natural, ≥99%, FCC	78			
W266507	D-Menthol, FCC	78			
W266701	L-Menthone, mixture of isomers, ≥96%, FCC	78			

Organoleptic properties index

woody: *metallic*

Cat No.	Name	Page
<i>metallic</i>		
W331715	2-Pentylfuran, natural (US), ≥97%, FG	105
<i>musty</i>		
W257615	Hexyl propionate, natural (US), ≥97%, FG	64
<i>pear</i>		
W257615	Hexyl propionate, natural (US), ≥97%, FG	64
<i>pineapple</i>		
W339315	Butyl 2-methylbutyrate, natural (US), ≥98%, FG	23
<i>sweet</i>		
W379715	4-Acetoxy-2,5-dimethyl-3(2H)furanone, natural (US), ≥90%, FG	9
W224300	Carob absolute, FG, natural	25

Cat No.	Name	Page
<i>tropical</i>		
W339315	Butyl 2-methylbutyrate, natural (US), ≥98%, FG	23
<i>turpentine</i>		
W290500	Pine needle oil, natural	111
<i>vanilla</i>		
W439800	2-Methylbenzoxazole, 99%	82
W310700	Vanillin, ≥97%, FCC, FG	129

Hazard information phrases

H phrases

H200	Unstable explosives.	H371	May cause damage to organs.
H201	Explosive; mass explosion hazard.	H372	Causes damage to organs through prolonged or repeated exposure.
H202	Explosive, severe projection hazard.	H373	May cause damage to organs through prolonged or repeated exposure.
H203	Explosive; fire, blast or projection hazard.	H400	Very toxic to aquatic life.
H204	Fire or projection hazard.	H401	Toxic to aquatic life.
H205	May mass explode in fire.	H402	Harmful to aquatic life.
H220	Extremely flammable gas.	H410	Very toxic to aquatic life with long lasting effects.
H221	Flammable gas.	H411	Toxic to aquatic life with long lasting effects.
H222	Extremely flammable aerosol.	H412	Harmful to aquatic life with long lasting effects.
H223	Flammable aerosol.	H413	May cause long lasting harmful effects to aquatic life.
H224	Extremely flammable liquid and vapor.		
H225	Highly flammable liquid and vapor.		
H226	Flammable liquid and vapor.		
H227	Combustible liquid.	P101	If medical advice is needed, have product container or label at hand.
H228	Flammable solid.	P102	Keep out of reach of children.
H240	Heating may cause an explosion.	P103	Read label before use.
H241	Heating may cause a fire or explosion.	P201	Obtain special instructions before use.
H242	Heating may cause a fire.	P202	Do not handle until all safety precautions have been read and understood.
H250	Catches fire spontaneously if exposed to air.	P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
H251	Self-heating: may catch fire.	P211	Do not spray on an open flame or other ignition source.
H252	Self-heating in large quantities; may catch fire.	P220	Keep/Store away from clothing/å ;/combustible materials.
H260	In contact with water releases flammable gases which may ignite spontaneously.	P221	Take any precaution to avoid mixing with combustibles ...
H261	In contact with water releases flammable gases.	P222	Do not allow contact with air.
H270	May cause or intensify fire; oxidizer.	P223	Keep away from any possible contact with water, because of violent reaction and possible flash fire.
H271	May cause fire or explosion; strong oxidizer.	P230	Keep wetted with ...
H272	May intensify fire; oxidizer.	P231	Handle under inert gas.
H280	Contains gas under pressure; may explode if heated.	P231+P232	Handle under inert gas. Protect from moisture.
H281	Contains refrigerated gas; may cause cryogenic burns or injury.	P232	Protect from moisture.
H290	May be corrosive to metals.	P233	Keep container tightly closed.
H300	Fatal if swallowed.	P234	Keep only in original container.
H301	Toxic if swallowed.	P235	Keep cool.
H302	Harmful if swallowed.	P235+P410	Keep cool. Protect from sunlight.
H303	May be harmful if swallowed.	P240	Ground/bond container and receiving equipment.
H304	May be fatal if swallowed and enters airways.	P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
H305	May be harmful if swallowed and enters airways.	P242	Use only non-sparking tools.
H310	Fatal in contact with skin.	P243	Take precautionary measures against static discharge.
H311	Toxic in contact with skin.	P244	Keep reduction valves free from grease and oil.
H312	Harmful in contact with skin.	P250	Do not subject to grinding/shock/.../friction.
H313	May be harmful in contact with skin.	P251	Pressurized container: Do not pierce or burn, even after use.
H314	Causes severe skin burns and eye damage.	P260	Do not breathe dust/fume/gas/mist/vapors/spray.
H315	Causes skin irritation.	P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
H317	May cause an allergic skin reaction.	P262	Do not get in eyes, on skin, or on clothing.
H318	Causes serious eye damage.	P263	Avoid contact during pregnancy/while nursing.
H319	Causes serious eye irritation.	P264	Wash ... thoroughly after handling.
H320	Causes eye irritation.	P270	Do no eat, drink or smoke when using this product.
H330	Fatal if inhaled.	P271	Use only outdoors or in a well-ventilated area.
H331	Toxic if inhaled.	P272	Contaminated work clothing should not be allowed out of the workplace.
H332	Harmful if inhaled.	P273	Avoid release to the environment.
H333	May be harmful if inhaled.	P280	Wear protective gloves/protective clothing/eye protection/face protection.
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled.	P281	Use personal protective equipment as required.
H335	May cause respiratory irritation.	P282	Wear cold insulating gloves/face shield/eye protection.
H336	May cause drowsiness or dizziness.	P283	Wear fire/flame resistant/retardant clothing.
H340	May cause genetic defects.	P284	Wear respiratory protection.
H341	Suspected of causing genetic defects.	P285	In case of inadequate ventilation wear respiratory protection.
H350	May cause cancer.	P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
H351	Suspected of causing cancer.		
H360	May damage fertility or the unborn child.		
H361	Suspected of damaging fertility or the unborn child.		
H362	May cause harm to breast-fed children.		
H370	Causes damage to organs.		

P phrases

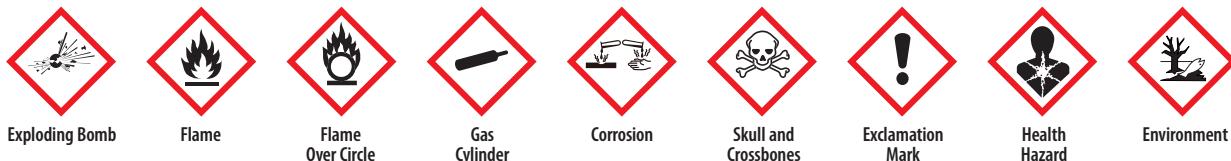
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P211	Do not spray on an open flame or other ignition source.
P220	Keep/Store away from clothing/å ;/combustible materials.
P221	Take any precaution to avoid mixing with combustibles ...
P222	Do not allow contact with air.
P223	Keep away from any possible contact with water, because of violent reaction and possible flash fire.
P230	Keep wetted with ...
P231	Handle under inert gas.
P231+P232	Handle under inert gas. Protect from moisture.
P232	Protect from moisture.
P233	Keep container tightly closed.
P234	Keep only in original container.
P235	Keep cool.
P235+P410	Keep cool. Protect from sunlight.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P244	Keep reduction valves free from grease and oil.
P250	Do not subject to grinding/shock/.../friction.
P251	Pressurized container: Do not pierce or burn, even after use.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
P262	Do not get in eyes, on skin, or on clothing.
P263	Avoid contact during pregnancy/while nursing.
P264	Wash ... thoroughly after handling.
P270	Do no eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P281	Use personal protective equipment as required.
P282	Wear cold insulating gloves/face shield/eye protection.
P283	Wear fire/flame resistant/retardant clothing.
P284	Wear respiratory protection.
P285	In case of inadequate ventilation wear respiratory protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.

Hazard information phrases

P301+P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	P352	Wash with plenty of soap and water.
P301+P330+P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.	P353	Rinse skin with water/shower.
P302+P334	IF ON SKIN: Immerse in cool water/wrap in wet bandages.	P360	Rinse immediately contaminated clothing and skin with plenty of water before removing clothes.
P302+P350	IF ON SKIN: Gently wash with plenty of soap and water.	P361	Remove/Take off immediately all contaminated clothing.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.	P362	Take off contaminated clothing and wash before reuse.
P303+P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	P363	Wash contaminated clothing before reuse.
P304+P340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.	P370+P376	In case of fire: Stop leak if safe to do so.
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.	P370+P378	In case of fire: Use ... for extinction.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	P370+P380	In case of fire: Evacuate area.
P306+P360	IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.	P370+P380+P375	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
P307+P311	IF exposed: Call a POISON CENTER or doctor/physician.	P372	In case of major fire and large quantities: Evacuate area. Fight fire remotely due to the risk of explosion.
P308+P313	IF exposed or concerned: Get medical advice/attention.	P373	Explosion risk in case of fire.
P309+P311	IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.	P374	DO NOT fight fire when fire reaches explosives.
P310	Immediately call a POISON CENTER or doctor/physician.	P375	Fight fire with normal precautions from a reasonable distance.
P311	Call a POISON CENTER or doctor/physician.	P376	Fight fire remotely due to the risk of explosion.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.	P377	Stop leak if safe to do so.
P313	Get medical advice/attention.	P378	Leaking gas fire: Do not extinguish, unless leak can be stopped safely.
P314	Get medical advice/attention if you feel unwell.	P380	Use ... for extinction.
P315	Get immediate medical advice/attention.	P381	Evacuate area.
P320	Specific treatment is urgent (see ... on this label).	P390	Eliminate all ignition sources if safe to do so.
P321	Specific treatment (see ... on this label).	P391	Absorb spillage to prevent material damage.
P322	Specific measures (see ... on this label).	P402	Collect spillage.
P330	Rinse mouth.	P402+P404	Store in a dry place.
P331	Do NOT induce vomiting.	P403	Store in a dry place. Store in a closed container.
P332+P313	If skin irritation occurs: Get medical advice/attention.	P403+P233	Store in a well-ventilated place.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.	P403+P235	Store in a well-ventilated place. Keep container tightly closed.
P334	Immerse in cool water/wrap in wet bandages.	P404	Store in a well-ventilated place. Keep cool.
P335	Brush off loose particles from skin.	P405	Store in a closed container.
P335+P334	Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.	P406	Store locked up.
P336	Thaw frosted parts with lukewarm water. Do no rub affected area.	P407	Store in corrosive resistant/... container with a resistant inner liner.
P337+ P313	If eye irritation persists: Get medical advice/attention.	P410	Maintain air gap between stacks/pallets.
P338	Remove contact lenses, if present and easy to do. Continue rinsing.	P410+P403	Protect from sunlight.
P340	Remove victim to fresh air and keep at rest in a position comfortable for breathing.	P410+P412	Protect from sunlight. Store in a well-ventilated place.
P341	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.	P411	Protect from sunlight. Do no expose to temperatures exceeding 50 °C/122 °F.
P342+P311	If experiencing respiratory symptoms: Call a POISON CENTER or doctor/physician.	P411+P235	Store at temperatures not exceeding ... °C/... °F.
P350	Gently wash with plenty of soap and water.	P412	Store at temperatures not exceeding ... °C/... °F. Keep cool.
P351	Rinse cautiously with water for several minutes.	P413	Do not expose to temperatures exceeding 50 °C/122 °F.
			Store bulk masses greater than ... kg/... lbs at temperatures not exceeding ... °C/... °F.
			Store away from other materials.
			Store contents under ...
			Dispose of contents/container to ...

Globally Harmonized System (GHS) Pictograms

For more information on GHS regulatory information, visit sigma-aldrich.com/ghs



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