

Product Information

Product Data Sheet

ALPAFLOR® ARTEMISIA AO

Description

ALPAFLOR® ARTEMISIA AO is an extract from the organically cultivated Swiss Alpine plant white genepi (*A. umbelliformis* L.) for cosmetic application. This species is rich in essential oil, chlorogenic acid, tannins and flavonoids.

ALPAFLOR® ARTEMISIA AO is certified organic by ECOCERT, COSMOS, NATRUE and Fair Trade certified according to the Fair for Life standard.

Product identification

Product code: 50 3748 4

Composition

INCI name	Content	CAS No.	EINECS/ELINCS
Artemisia Umbelliformis Flower Extract ¹⁾	1-5 %	94333-86-5	305-065-1
Glycerin	> 50 %	56-81-5	200-289-5
Aqua	25-50 %	7732-18-5	231-791-2
Citric Acid	0.1-1 %	77-92-9	201-069-1
Sodium Benzoate ²⁾	0.1-1 %	532-32-1	208-534-8
Potassium Sorbate ²⁾	0.1-1 %	24634-61-5	246-376-1

¹⁾ Fair Trade certified by Fair for Life

²⁾ Regulated as preservative in cosmetics in some countries, e.g. Europe, China, Japan

Specifications

Appearance:	clear to slightly opalescent, yellow to brown coloured, slightly viscous liquid with characteristic odour
Identity by UHPLC:	comparable chromatogram to that of internal reference standard
pH:	3.5 - 5.0
Relative density d_{20/20}:	1.100 - 1.250
Refractive Index n₂₅:	1.418 - 1.438
Phenolic acids; UHPLC: (calculated as chlorogenic acid)	≥ 25 mg / 100 g
Total aerobic mesophile plate count:	< 100 CFU/g
Specified microorganisms:	not detectable in one gram

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Solubility

ALPAFLOR® ARTEMISIA AO is soluble in water.

Stability and Storage

ALPAFLOR® ARTEMISIA AO may be stored for at least 36 months from the date of manufacture in the unopened original container protected from light in a clean place and at a temperature between 15 and 25°C. The 'retest' date is printed on the label. Keep package tightly closed. Once opened, use contents quickly. In order to avoid secondary microbial contamination, following opening, containers should be handled with special care.

Uses

ALPAFLOR® ARTEMISIA AO is a plant extract for cosmetic products. It can be processed either warm (< 60°C) or cold and should be incorporated at the end of a cosmetic formulation. For skin care preparations, the addition of 1 to 3 % ALPAFLOR® ARTEMISIA AO is recommended.

Certifications

ECOCERT

ALPAFLOR® ARTEMISIA AO: Certified by Ecocert Greenlife according to the Ecocert Standard for Natural and Organic Cosmetics available at <http://cosmetics.ecocert.com>.

99.55 % of the total ingredients are from Natural Origin

19.6 % of the total ingredients are from Organic Origin

19.6 % of the total ingredients are Fair Trade certified according to the Fair for Life standard available at www.fairforlife.org

COSMOS

ALPAFLOR® ARTEMISIA AO: Certified as 19.6 % organic by Ecocert Greenlife according to COSMOS Standard available at <http://cosmos.ecocert.com>.

99.55 % of the total ingredients are from Natural Origin

NATRUE

ALPAFLOR® ARTEMISIA AO complies with the NATRUE criteria

5 % Natural (92 % Organic), 25 % Water, 69 % Derived natural, 0.45 % Nature-identical

Safety

This product is safe for the intended use. Avoid ingestion or direct contact by applying suitable protective measures and personal hygiene.

For full safety information and necessary precautions, please refer to the respective DSM Material Safety Data Sheet.

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Legal notice

The information given in this publication is based on our current knowledge and experience, and may be used at your discretion and risk. It does not relieve you from carrying out your own precautions and tests. We do not assume any liability in connection with your product or its use. You must comply with all applicable laws and regulations, and observe all third party rights.

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Additional information

To find out more about our ingredients, please contact your nearest DSM Nutritional Products office.

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