

Protecting and improving the nation's health

McCance and Widdowson's The Composition of Foods Integrated Dataset 2015 User guide



About Public Health England

Public Health England exists to protect and improve the nation's health and wellbeing, and reduce health inequalities. It does this through world-class science, knowledge and intelligence, advocacy, partnerships and the delivery of specialist public health services. PHE is an operationally autonomous executive agency of the Department of Health.

Public Health England Wellington House 133-155 Waterloo Road London SE1 8UG

Tel: 020 7654 8000 www.gov.uk/phe Twitter: @PHE_uk

Facebook: www.facebook.com/PublicHealthEngland

Prepared by: Paul Finglas, Mark Roe, Hannah Pinchen, Rachel Berry, Susan Church, Sakhi Dodhia, Natasha Powell, Melanie Farron-Wilson, Joanne McCardle, and Gillian Swan

For queries relating to this document, please contact: Mark.Bush@phe.gov.uk

© Crown copyright 2015

You may re-use this information (excluding logos) free of charge in any format or medium, under the terms of the Open Government Licence v3.0. To view this licence, visit OGL or email psi@nationalarchives.gsi.gov.uk. Where we have identified any third party copyright information you will need to obtain permission from the copyright holders concerned.

Published March 2015

PHE publications gateway number: 2014822



Contents

McCance and Widdowson's The Composition of Foods Integrated Dataset 2015 About Public Health England 2 Introduction 4 Sources of data and methods of evaluation 4 7 Data formats Format of Excel files 7 Food identification 8 Details of nutrient data 10 **FACTORS** worksheet 10 PROXIMATES worksheet 11 **INORGANICS** worksheet 13 VITAMINS worksheet 14 Fat-soluble vitamins 14 VITAMIN FRACTIONS worksheet 16 FATTY ACID worksheets 16 PHYTOSTEROL worksheet 16 ORGANIC ACIDS worksheet 16 Format of 7-bit ASCII files 16 **RECTYPE -1** 17 **RECTYPE 1** 17 18 Food labelling Tolerances for nutrient values declared on a label 20 21 Appendix 1 Main data references 21 Appendix 2 27 Food sub-group codes 27 Cereals and cereal products 27 Milk and milk products 27 28 Eggs Vegetables 28 Fruit 29 29 Nuts and seeds 29 Herbs and spices 29 Baby foods Fish and fish products 29 Meat and meat products 29 Fats and oils 30 Beverages 30 Alcoholic beverages 30 Sugars, preserves and snacks 31 32 Appendix 3 Acronyms, descriptions and units 32

Introduction

Public Health England (PHE) is responsible for maintaining up to date data on the nutrient content of the UK food supply in order to support the National Diet and Nutrition Survey, and funds a rolling programme of nutrient analysis of foods commonly consumed in the UK. Data from this programme, together with complementary data from other sources are published as McCance and Widdowson's The Composition of Foods – the UK food composition tables. Previous data has been published in book form as a series of supplements. each containing extensive data on a specific food group. The Composition of Foods Integrated Dataset (CoFID) was first published in 2008 and brought together for the first time all the available data in electronic format as a single. consolidated, dataset. This version (2015) is an update of the original published in 2008 and includes all the new and recently reviewed data. Foods calculated by recipe or calculated based on another food (eg, foods weighed with waste) have been recalculated to include the most recent data for ingredients and the dataset therefore contains some newly created codes which have not previously been published. A subset of the data has been published recently in book form as McCance and Widdowson's The Composition of Foods seventh summary edition.¹

Sources of data and methods of evaluation

It is essential that food composition data is regularly updated for a number of reasons. Since the CoFID was first published in 2008, many new fresh, ambient, frozen, and processed foods have become familiar items in our shops, and values for these have been included where possible. In addition, the nutritional value of many processed foods and composite dishes have changed and the nutrient content of unprocessed foods can also change over time. This can happen when there are new varieties or new sources of supply for the raw materials. New farming practices can affect the nutritional value of both plant and animal products. New manufacturing practices, including changes in the type and amounts of ingredients and changes in fortification practice can affect the content of processed foods. Many foods have been reformulated in line with government public health initiatives, including

-

¹Finglas P.M., Roe M.A., Pinchen H.M., Berry R., Church S.M., Dodhia S.K., Farron-Wilson M. & Swan G. (2015) McCance and Widdowson's The Composition of Foods, 7th summary edition. The Royal Society of Chemistry, Cambridge

reductions in the amount of fat, trans fatty acids, saturated fat, sugar and salt added. Methods of preparation and cooking in the home have also changed and can affect the nutrient content of foods consumed.

To ensure that the UK food composition data could continue to have as wide a coverage, and be as up-to-date as possible, the Ministry of Agriculture, Fisheries and Food decided in the early 1980s to set up a rolling programme of food analysis, the responsibility for which now lies with PHE. The analytical survey reports from 2002 onwards and some earlier reports are available in electronic form from www.ifr.ac.uk/fooddatabanks/ These reports comprise raw laboratory data and have not been evaluated to the same extent as data incorporated into the CoFID.

The following publications in The Composition of Foods series are currently available and contain data that is included in CoFID:

Cereals and Cereal Products, supplement (1988)
Milk Products and Eggs, supplement (1989)
Vegetables, Herbs and Spices, supplement (1991)
5th Summary Edition (1991)
Fruit and Nuts, supplement (1992)
Vegetable Dishes, supplement (1992)
Fish and Fish Products, supplement (1993)
Miscellaneous Foods, supplement (1994)
Meat, Poultry and Game, supplement (1995)
Meat Products and Dishes, supplement (1996)
Fatty Acids, supplement (1998)
6th Summary Edition (2002)
7th Summary Edition (2015)

Many of the values included in CoFID have been taken from the seventh summary edition and detailed supplements, themselves mainly derived from the analytical surveys programme. The main data source for each food is provided, where known, in the 'main data reference' column and refers to the references provided in appendix 1, which lists the reports and scientific literature from which data was taken. Where updated values have not been included, the previous values were reviewed and judged to be valid.

Where new analytical data was not available, and previous values were judged not to be valid, values have been taken from a number of sources including manufacturers' data, scientific literature, food composition datasets

from other countries and calculations based on previous values and/or ingredients. In particular, the values for sodium, sugar, saturated and *trans* fat content of many processed foods have been updated, to reflect the reductions achieved by food manufacturers since the sixth summary edition was published in 2002 (FSA, 2002)². Fortified products have also been reviewed against label data and values updated where necessary to reflect current practices for the range and amounts of nutrients added. All recipes have been recalculated, using the most recent available data for ingredients, and ingredients used have also been updated where appropriate.

Some foods that were included in the 2008 CoFID have not been reviewed or validated in the 2015 update and those foods are published separately in a file containing data for 'old' foods. This data can be used in addition to the 2015 dataset but users should be aware that the values for some nutrients may not represent those foods as currently consumed.

Where the values in the tables were derived by direct analysis of the foods, care was taken when designing sampling protocols to ensure that the foods analysed were representative of those consumed by the UK population. For most foods a number of samples were purchased at different shops, supermarkets or other retail outlets, and, where appropriate, foodservice outlets or catering suppliers. Samples analysed were composite samples, consisting of equal quantities of each sub-sample purchased. When the composite sample was made up from a number of different brands of food, the proportion of the individual brands purchased was related to their relative shares of the retail market. Full details of samples are available in the reports given as main data references (appendix 1). If the food required preparation prior to analysis, techniques such as washing, soaking, cooking, etc. were as similar as possible to normal domestic practices. Cooking methods were based on manufacturer's recommendations for pre-packaged foods and methods for non pre-packed foods were based on review of 'usual' consumer preparation. Details of preparation procedures are available in the reports given as main data references (appendix 1).

Where data from literature sources was included, preference was given to reports where the food was similar to that in the UK, where the publication gave full details of the sample, method of preparation and analysis, and where the results were presented in a detailed and acceptable form. EuroFIR

²Food Standards Agency (2002) McCance and Widdowson's The Composition of Foods, 6th summary edition. The Royal Society of Chemistry, Cambridge

(European Food Information Resource) datasets and tools (www.eurofir.org) were used to help evaluate existing or new data values, and to calculate values for foods where suitable analytical or literature data were not available.

Where processed foods with brand names are included, they are restricted to leading brands with an established composition. No inference should be drawn from the inclusion of data for a particular brand.

The final selection of values published here is dependent on the judgement of the compilers and their interpretation of the available data. Due to the large natural variability of foods, it is unlikely that a particular item will have precisely the same composition as given in these tables. This is particularly true for unprocessed foods such as cereals, dairy products, eggs, meat, fish, fruit and vegetables. The values published here should be regarded as typical rather than definitive for the foods described.

Users are advised to consult other sources of data (eg, product labels, manufacturers' data, published analytical reports) where appropriate, depending on their particular needs or interests, for the food item under consideration. It should be noted that manufacturers can and do change or reformulate their products and this will influence nutrient content. This is particularly relevant for foods where nutrients are added for fortification purposes, or for technological purposes, such as antioxidants or colouring agents. Information on processed foods, including fortification levels and reformulations, is often available from manufacturers' websites and from retailers.

Data formats

CoFID data is provided as Excel workbooks containing data in worksheets related to nutrient groups and can also be made available, on request, as text files (7-bit ASCII format, compatible with any computer system capable of reading the ISO 646 character set). Data files are available from www.ifr.ac.uk/fooddatabanks/.

Format of Excel files

The Excel workbook consists of 13 separate worksheets:

Factors

Proximates

Inorganics

Vitamins

Vitamin Fractions

Saturated fatty acids per 100g fatty acids

Saturated fatty acids per 100g food

Monounsaturated fatty acids per 100g fatty acids

Monounsaturated fatty acids per 100g food

Polyunsaturated fatty acids per 100g fatty acids

Polyunsaturated fatty acids per 100g food

Phytosterols

Organic acids

Each sheet contains column headings in rows 1-3 of the spreadsheet, then data values for each individual foodstuff such that data values for a specific food code will occur in the same row in each of the 13 worksheets.

The following notes apply to the data values:

- a trace value for a nutrient is represented by Tr
- where a nutrient is present in significant quantities, but there is no reliable information on the amount, the value is represented by N
- in the EXCEL files, it is not possible to append nutrient-specific footnotes, and these are only available in the ASCII files. Foodspecific footnotes do appear in the EXCEL version

Food identification

Food Code (NUMB in the ASCII file) is a number, up to six digits, representing the unique CoFID code representing each food.

The two digit prefix generally refers to the codes used for the book supplement relating to specific food groups, eg, 11- for cereals and cereal products, 12- for milk products and eggs, 16- for fish and fish products. For foods where new data has been incorporated into an existing food, a new food code number has been given using the prefix for the appropriate supplement. Since the food code is unique for each food and these electronic datasets do not relate exactly to book publications, the codes used should not be considered to have any particular significance.

Food name (NAME) The food name has been chosen as that most recognisable and descriptive of the food referenced.

Description (DESC) Information given under the description describes the nature of the samples taken for analysis. Sources of values derived, either from the literature or by calculation, are also indicated under this heading.

Group (GROUP) In these files (but not in the printed publications) a one, two or three letter code is assigned to every food. The code letter(s) provide identification of the food group and food type to which the food belongs. A full list of the codes and their description is given in appendix 2.

Previous (PREV) Assigned to each food which has an earlier food code with different nutrient values associated with it. It is a number, up to six digits, indicating previous food codes (4th, 5th or 6th edition or a supplement). Some foods may have more than one previous code associated with them.

Main data references (COMMENTS) The main data reference indicates the principal report(s) or publication(s) from which the majority of the data for the food code are taken. Values for individual nutrients within each code may be taken from different sources, calculated or estimated from other codes. For foods that do not have an analytical report or literature source that can be referred to as the main data reference, the food description should indicate how the data have been estimated (eg, from manufacturer's data, calculated from related codes or calculated as a recipe). In some cases there is a main data reference referring to analytical data and the description indicates that industry data has also been used to update some nutrients, usually sodium, sugars, fats or added minerals and vitamins.

Details of nutrient data

For more detailed definition and expression of the nutrients you should refer to the introductory pages of the 7th summary edition of McCance and Widdowson's The Composition of Foods³ and of the supplement publications.

The more significant points for certain nutrients are provided in the notes below for convenience. For some nutrients, data which is 'old' and was analysed significantly earlier and on a different sample to the bulk of the nutrients is available. This data has not been updated but it is the only data available and may be of interest to some users and is available as a separate file. This applies to fibre fractions, Southgate fibre and sulphur.

FACTORS worksheet

Edible conversion factor (EDPOR) Many foods are purchased or served with material that is clearly inedible or material that might be discarded as inedible by some consumers. For the purposes of this dataset 'waste' encompasses both types of material, which might include, for example:

- outer leaves or stalks of vegetables
- stones, pips or peel of fruit
- nut shells
- fish skin and bone
- meat fat and bones
- liquid content of canned foods

The edible conversion factor allows calculation of the nutrient content of foods when the inedible material is included in the weight and refers to the proportion of edible material remaining after the waste has been removed. The factor will vary between different samples of the same food and these values should be treated as a guide to the typical proportion of inedible waste.

³ Finglas P.M, Roe M.A., Pinchen H.M, Berry R., Church S.M., Dodhia S.K., Farron-Wilson M. and Swan G. (2015) McCance and Widdowson's The Composition of Foods, 7th summary edition. The Royal Society of Chemistry, Cambridge

Specific gravity (SPECGRAV) Specific gravity is the ratio of the density (mass of a unit volume) of a food to the density (mass of the same unit volume) of water.

Nitrogen conversion factor (NCF) Nitrogen conversion factor used is the factor used to calculate protein from total nitrogen. See **Protein**.

Glycerol conversion factor (GCF) Glycerol conversion factor is used to allow the calculation of the total fatty acids in a given weight of food. See **Fatty acids**.

PROXIMATES worksheet

Water (WATER) For most foods, water has been analysed using gravimetric methods. In some cases where protein, fat or carbohydrate have been updated based on industry data, the water value has been estimated by calculation (100 – (protein + fat + available carbohydrate + dietary fibre + ash)).

Protein (PROT) For most foods, protein is calculated by multiplying total nitrogen values (TOTNIT) by the factors provided in the 'Nitrogen conversion factor' column of the 'Factors' worksheet, as described in the introduction of McCance and Widdowson's The Composition of Foods 7th summary Edition. Unless stated otherwise, a factor of 6.25 is used based on the assumption that proteins contain 16% nitrogen. The proportion of non-protein nitrogen is high in many foods, notably fish, fruits and vegetables. In most of these, however, this is amino acid in nature and therefore little error is involved in the use of a factor applied to the total nitrogen, although protein in the strictest sense is overestimated. For those foods which contain a measurable amount of non-protein nitrogen in the form of urea, purines and pyrimidines (eg, mushrooms) the non-protein nitrogen has been subtracted before multiplication by the appropriate factor.

Fat (FAT) The fat in most foods is a mixture of triglycerides, phospholipids, sterols and related compounds. The values in the tables refer to total fat and not just to triglycerides.

Carbohydrate (CHO) Total carbohydrate and its components, starch, total and individual sugars (glucose, galactose, fructose, sucrose, maltose, lactose) and oligosaccharides, but not fibre, are wherever possible expressed

as their monosaccharide equivalent. The values for total carbohydrate in the Tables have generally been obtained from the sum of analysed values for these components of 'available carbohydrate', contrasting with figures for carbohydrate 'by difference', which are sometimes used in other food tables or on the labels of processed foods. Such figures are obtained by subtracting the measured weights of the other proximates from the total weight and many include the contribution from any dietary fibre present, as well as errors from the other analyses.

Energy value (KCALS) Calculated using the conversion factors: protein 4 kcal/g, fat 9 kcal/g, carbohydrate (available, expressed as monosaccharides) 3.75 kcal/g and alcohol 7 kcal/g.

Energy value (KJ) Calculated using the conversion factors: protein 17 kJ/g, fat 37 kJ/g, carbohydrate (available, expressed as monosaccharides) 16 kJ/g and alcohol 29 kJ/g.

Starch (STAR) Includes dextrins but excludes resistant starch. Expressed as monosaccharide equivalents.

Oligosaccharides (OLIGO) Expressed as monosaccharide equivalents. Any known or measured contribution from oligosaccharides and/or maltodextrins has been included in the total carbohydrate value but not in the columns for starch or total sugars. In most foods oligosaccharides are present in relatively low quantities. In vegetables and some processed foods where glucose syrups and maltodextrins are added, oligosaccharides will make a significant contribution to carbohydrate content. Where oligosaccharides are present in foods, they are not always measured separately and may be included in the starch, sugar or fibre fractions, depending on the nature of the oligosaccharide and on the analytical methods used.

Total sugars (TOTSUG) Sugars are expressed as monosaccharide equivalents and include free monosaccharides (glucose, fructose and galactose) and disaccharides (sucrose, maltose and lactose). The value does not include any contribution from oligosaccharides present in the food.

Alcohol (ALCO) Values are given as g/100 ml. Pure ethyl alcohol has a specific gravity of 0.79, dividing values by 0.79 converts them to alcohol by volume (ml/100 ml).

NSP (ENGFIB) Non-starch polysaccharides⁴ includes insoluble fibre (cellulose, insoluble non-cellulosic polysaccharides) and soluble fibre (soluble cellulosic polysaccharides).

AOAC fibre (AOACFIB) AOAC determinations⁵ include resistant starch and lignin in the estimation of total fibre, rather than only the non-starch polysaccharides.

Fatty acids Values for total saturated (SATFOD), monunsaturated (MONOFOD), polyunsaturated (POLYFOD) and trans fatty acids (FODTRANS) are given as well as values for branched chain saturated fatty acids (TOTBRFOD), cis-monounsaturated (MONOFODc) and cispolyunsaturated fatty acids (POLYFODc). Trans fatty acids are also included in total monounsaturated and total polyunsaturated fatty acids. For food labelling purposes trans fats are not included in the values for monounsaturated and polyunsaturated fats. Values for total fatty acids are given expressed as both g/100g food and also g/100g fatty acid methyl esters. The fat in most foods contains non fatty acid material such as phospholipids and sterols and to allow the calculation of the total fatty acids in a given weight of food, the glycerol conversion factors given in the 'Factors' worksheet were applied.

Cholesterol (CHOL) Values are expressed as mg/100g food. To convert to mmol cholesterol, divide the values by 386.6.

INORGANICS worksheet

Values for are given for:

Sodium (NA)

Potassium (K)

Calcium (CA)

Magnesium (MG)

Phosphorus (P)

_

⁴ Englyst, H. N., Quigley, M. E. and Hudson, G. J. (1994). Determination of dietary fibre as non-starch polysaccharides with gas—liquid chromatographic, high performance liquid chromatographic or spectrophotometric measurement of constituent sugars. Analyst, 119, 1497–1509

⁵ AOAC. (2011) In W. Horwitz, G. Latimer (Eds.), *Official methods of analysis (18th ed., Revision 4)*. ISBN: 0-935584-82-X

Composition of Foods Integrated Dataset user guide

Iron (FE)
Copper (CU)
Zinc (ZN)
Chloride (CL)
Selenium (SE)
Iodine (I)

VITAMINS worksheet

Fat-soluble vitamins

The two components of vitamin A are given separately as Retinol (RET) and Carotene (CAREQU).

Retinol (RET) is expressed as the weight of *all-trans*-retinol equivalent, *i.e.* the sum of *all-trans*-retinol plus contributions from the other forms after correction to account for their relative activities. Where the retinol profile was incomplete, because values for 13-*cis* retinol and/or retinaldehyde were not available, it has been assumed that only all-*trans* retinol is present, leading to a possible underestimate in some cases.

Carotene (CAREQU) Represents the β -carotene activity and is the sum of the β -carotene and half of any α -carotene or cryptoxanthins present. Where the carotenoid profile was incomplete, because only values for β -carotene were available, it has been assumed that only β -carotene is present. This may result in an underestimate of β -carotene equivalents, but as α -carotene and cryptoxanthin are usually present in low levels in foods without complete carotenoid profiles, it is likely that any error is small.

Total retinol equivalent (RETEQU) The generally accepted relationship is that 6 μ g β -carotene or 12 μ g of other active carotenoids are equivalent to 1 μ g of retinol, 7 ie,

Vitamin A potency as = μg retinol + μg β -carotene equivalent retinol equivalent 6

⁶ Sivell, L.M., Bull, N.L., Buss, D.H., Wiggins, R.A., Scuffam, D., and Jackson, P.A. (1984) Vitamin A activity in foods of animal origin. J. Sci. Food Agric. 35, 931-939

⁷ Department of Health (1991) Dietary reference values for food energy and nutrients for the United Kingdom. Report on Health and Social Subjects No. 41, HMSO, London

Vitamin D (VITD) Few foods contain vitamin D from intrinsic sources. All those which contain vitamin D naturally are products of animal origin and contain D_3 (cholecalciferol) derived, as in humans, from the action of sunlight on the animal's skin or from its own food. Vitamin D_2 (ergocalciferol) made commercially has the same potency as D_3 in man. Vitamin D_2 and vitamin D_3 are both used to fortify a number of foods.

Meat can contain vitamin D_3 (cholecalciferol) derived from the action of sunlight or, for pigs and poultry, from the feed. Vitamin D_3 in meat may also be present in the form of the more active 25-hydroxy vitamin D_3 . For meat, meat products, and poultry, therefore, the total vitamin D activity has been taken as the sum of vitamin D_3 (cholecalciferol) and five times 25-hydroxy vitamin D_3 (25-hydroxy cholecalciferol), where data is available.

Vitamin E (α -tocopherol equivalent) **(VITE)** Values take into account vitamin E activity using conversion factors,⁸ and are expressed as α -tocopherol equivalents.

Vitamin K₁ **(VITK1)** Phylloquinone, the predominant, naturally-occurring, vitamin K in foods.

⁸ McLaughlin, P.J. and Weihrauch, J.L. (1979) Vitamin E content of foods. J. Am. Diet. Assoc. 75, 647-665

VITAMIN FRACTIONS worksheet

Values are given for some foods for vitamers that contribute to retinol equivalents (all-trans retinol, 13-cis-retinol, dehydroretinol and retinaldehyde), carotene equivalents (alpha-carotene, beta-carotene and beta-cryptoxanthins), vitamin D (cholecalciferol and 25-hydroxy-vitamin D₃) and vitamin E equivalents (alpha, beta, gamma and delta tocopherol and alpha, beta, gamma and delta tocotrienols). In addition, there are some values for lutein, lycopene and 5-methyl folate.

FATTY ACID worksheets

Worksheets are given containing values for individual fatty acid isomers where these are available. There are worksheets for saturated fatty acids, monounsaturated fatty acids and polyunsaturated fatty acids. Values for total fatty acids are given expressed as both g/100g food and also g/100g fatty acid methyl esters. The fat in most foods contains non fatty acid material such as phospholipids and sterols and to allow the calculation of the total fatty acids in a given weight of food, the glycerol conversion factors given in the 'Factors' worksheet were applied.

PHYTOSTEROL worksheet

Values are given for some foods for a range of phytosterols including betasitosterol, brassicasterol, campesterol, delta-5-avenasterol, delta-7avenasterol, delta-7-stigmasterol and stigmasterol.

ORGANIC ACIDS worksheet

Values are given for a few foods for citric acid and malic acid.

Format of 7-bit ASCII files

A line called RECTYPE starts each new record and is used to indicate the record type. For example, it may show that the record is an explanatory text record, a data record (nutrient values), a recipe record, etc.

Composition of Foods Integrated Dataset user guide

Each record is terminated with three asterisks "***" starting in column 1 of the line.

The files currently contain three record types:

RECTYPE 0

This is a header record and gives information about the data and includes the title, version, creation date, copyright statement and any other relevant notes.

RECTYPE -1

This is the descriptor record and gives explanatory text for RECTYPE 1 (data) records. The RECTYPE -1 record contains all possible fields of the RECTYPE 1 (data) records in the file and provide a full description of the meaning of the acronyms used in the data records. Generally, the RECTYPE -1 records will precede the corresponding data records. Each descriptor is output as a separate line preceded by the field acronym, a vertical bar (ASCII Dec.124, Hex.7C) and a space, eg,

CHOL Cholesterol mg

where CHOL is the acronym used in the data records for cholesterol and mg are the units in which the nutrient value for cholesterol is expressed per 100g of food. The units information is separated from the nutrient description by two space characters. The order of the information in the RECTYPE -1 record is alphabetical by field acronym.

A complete listing of all field acronyms, their descriptions and units used (per 100g or 100ml of food) is given in appendix 3.

RECTYPE 1

Each of the records of this type contain the data for a food. Each nutrient value (or food name, food number *etc.*) is output on a separate line and is preceded by its field acronym, eg:

NAME | Compound cooking fat CHOL | 425

Where the information in a field occupies more than one line, eg, data source, the acronym for the field is repeated at the start of each new line.

Food records are ordered by food code and the order of data for an individual food in this record type are as in the corresponding printed publication.

The following notes apply to data in RECTYPE 1 records:

- 1. Nutrient values within round brackets, (), are estimated.
- 2. A trace value for a nutrient is represented by Tr.
- 3. Where a nutrient is present in significant quantities, but there is no reliable information on the amount, the value is represented by N.
- 4. Footnote information is appended to the field to which it applies and is enclosed in square braces, [], and is separated from the corresponding value by three space characters.

Food labelling

Nutrition information is increasingly being provided on food labels and from 2016 will be mandatory on the majority of pre-packed foods. Values from CoFID may be used for this purpose, but only if certain conditions are met. Values that meet the criteria below are included in CoFID, where possible.

New food information regulations (the EU Food Information for Consumers Regulation (EU FIC) No. 1169/2011), which bring EU rules on general and nutrition labelling together into a single regulation (replacing the previous food labelling regulations after a transition period), came into force in November 2011. Under the new regulations (available at:

http://ec.europa.eu/food/food/labellingnutrition/nutritionlabel/index_en.htm), 'back of pack' nutrition labelling will become mandatory for the majority of pre-packed foods from 13 December 2016.

If a nutrition declaration is provided prior to 13 December 2016 on a voluntary basis, or is required because a nutrition and/or health claim has been made or vitamins and/or minerals have been added to the foodstuff, it must comply with EU FIC from 13 December 2014.

The mandatory declaration will comprise:

energy (kJ, kcal) fat saturates Composition of Foods Integrated Dataset user guide

carbohydrate sugars protein salt

Salt is calculated as total sodium content multiplied by 2.5. Supplementary information on other nutrients listed in the Regulation can be provided on a voluntary basis. The additional listed nutrients are: monounsaturates; polyunsaturates; polyuls; starch; fibre; and specified minerals and vitamins, present in significant amounts (as defined in the Regulation). If a claim is made for any of these nutrients, or if minerals and/or vitamins are added to a food, then the amount of the respective nutrient(s) must be declared in addition to the mandatory declaration outlined above.

Declared values for nutrients should be average values derived using one or more of the following methods:

- manufacturer's analysis of food
- a calculation from the known or actual average values of the ingredients used in the preparation of the food
- · a calculation from generally established and accepted data

Generally established and accepted data for the UK include values published in CoFID, if the product or its ingredients are similar to those described. Nevertheless, it is important to note the following differences:

- protein should be given as total nitrogen x 6.25 for every food, whereas more specific factors have been used in CoFID
- carbohydrate is to be declared as the weight of the carbohydrates themselves and not their monosaccharide equivalents

The following factors may be used to convert monosaccharide equivalents from this edition to actual weights:

Total carbohydrate Divide by 1.05 (unless it is known

to be mainly starch or mainly

oligosaccharide)

Starch Divide by 1.10 Sucrose and lactose Divide by 1.05

Glucose, etc. As given

Different factors are to be used to calculate energy values and are shown below

	kcal/g	kJ/g
Carbohydrate (except polyols), expressed as weight	4	17
Polyols	2.4	10
Protein	4	17
Fat	9	37
Salatrims	6	25
Alcohol (ethanol)	7	29
Organic acid	3	13
Fibre	2	8
Erythritol	0	0

'Front of pack' nutrition labelling

EU FIC allows elements of the mandatory nutrition declaration which are of importance to public health to be repeated on the 'front of pack' in one of the following formats:

Energy value alone, or

Energy value plus amounts of fat, saturates, sugars and salt

Guidance on providing 'front of pack' labelling in line with UK government 2013 recommendation can be found at:

www.gov.uk/government/publications/front-of-pack-nutrition-labelling-quidance

Tolerances for nutrient values declared on a label

It is widely recognised that it is not possible for foods to always contain the exact quantity of nutrients declared on the label, owing to natural variation, and variations during food production and storage. However, in order to avoid consumers being misled, it is important that the deviation from declared values should be minimal. EU guidance has therefore been produced on tolerances, i.e. the acceptable differences between the nutrient values declared on a label and those established in the course of official controls by enforcement authorities. The tolerances, which vary by nutrient, by the amount present and take account of the uncertainty of measurement, are at: http://ec.europa.eu/food/food/labellingnutrition/nutritionlabel/index_en.htm

Appendix 1

Main data references

Publications in 'The Composition of Foods' series

McCance, R.A. and Widdowson, E.M. (1960) The Composition of Foods, 3rd edition. Her Majesty's Stationery Office, London

Paul, A.A. and Southgate, D.A.T. (1978) McCance and Widdowson's The Composition of Foods, 4th edition. Her Majesty's Stationery Office, London

Holland, B., Unwin, I.D. and Buss, D.H. (1988) Cereals and Cereal Products. Third supplement to 4th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Nottingham

Holland, B., Unwin, I.D. and Buss, D.H. (1989) Milk Products and Eggs. Fourth supplement to 4th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge

Holland, B., Unwin, I.D. and Buss, D.H. (1991) Vegetables, Herbs and Spices. Fifth supplement to 4th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge

Holland, B., Welch, A.A., Unwin, I.D., Buss, D.H., Paul, A.A. and Southgate, D.A.T. (1991) McCance and Widdowson's The Composition of Foods, 5th edition. The Royal Society of Chemistry, Cambridge

Holland, B., Unwin, I.D. and Buss, D.H. (1992) Fruit and Nuts. First supplement to 5th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge

Holland, B., Welch, A.A. and Buss, D.H. (1992) Vegetable Dishes. Second supplement to 5th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge

Holland, B., Brown, J. and Buss, D.H. (1993) Fish and Fish Products. Third supplement to 5th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge

Chan, W., Brown, J. and Buss, D.H. (1994) Miscellaneous Foods. Fourth supplement to 5th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge

Chan, W., Brown, J., Lee, S.M. and Buss, D.H. (1995) Meat, Poultry and Game. Fifth supplement to 5th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge

Chan, W., Brown, J., Church, S.M. and Buss, D.H. (1996) Meat Products and Dishes. Sixth supplement to 5th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge

Ministry of Agriculture, Fisheries and Food. (1998) Fatty Acids. Seventh supplement to 5th edition of McCance and Widdowson's The Composition of Foods. The Royal Society of Chemistry, Cambridge.

Food Standards Agency (2002) McCance and Widdowson's The Composition of Foods, 6th summary edition. The Royal Society of Chemistry, Cambridge

Finglas P.M, Roe M.A., Pinchen H.M, Berry R., Church S.M., Dodhia S.K., Farron-Wilson M. and Swan G. (2015) McCance and Widdowson's The Composition of Foods, 7th summary edition. The Royal Society of Chemistry, Cambridge

Composition of Foods Integrated Dataset (2008) http://tna.europarchive.org/20110116113217/http://www.food.gov.uk/science/dietarysurveys/dietsurveys/

Analytical reports

Laboratory of the Government Chemist (1982-1983) Carcase meat and offal survey Laboratory of the Government Chemist (1983-1984) Alcoholic beverages, soft drinks and tea and coffee survey

Laboratory of the Government Chemist (1983-1984) Poultry and game surveys Laboratory of the Government Chemist (1984) The nutritional composition of fruit juice

Institute of Food Research (1984-1987) The nutritional composition of retail vegetables in the UK

Laboratory of the Government Chemist (1985) Canned and other processed vegetable products survey

Laboratory of the Government Chemist (1985) Frozen vegetable survey

Laboratory of the Government Chemist (1985-1986) Nutritional composition of fruit products

Laboratory of the Government Chemist (1985-1986) Nutritional composition of fresh fruit

Laboratory of the Government Chemist (1986-1987) Fish and fish products

Laboratory of the Government Chemist (1989) Dairy products and eggs

Laboratory of the Government Chemist (1989-1990) Fruit and vegetables

Laboratory of the Government Chemist (1990-1991) Analytical survey of meat products

Laboratory of the Government Chemist (1992) Analytical survey of confectionery items

Laboratory of the Government Chemist (1992) Nutritional analysis of foods for preschool children

Leatherhead Food R.A. (1992) Nutrient analysis of miscellaneous foods

Laboratory of the Government Chemist (1992-1993) Nutrient analysis of carcase beef

Laboratory of the Government Chemist (1992-1993) Nutrient analysis of retail cuts of pork

Leatherhead Food R.A. (1993) Nutritional analysis of soft drinks

Laboratory of the Government Chemist (1993) Survey of the Nutritional Composition of savoury snacks and nuts

RHM Research and Engineering Ltd (1993) Fatty acids in foods

Laboratory of the Government Chemist (1993-1994) Nutrient analysis of retail cuts of bacon

Laboratory of the Government Chemist (1993-1994) Nutrient analysis of retail cuts of lamb

Laboratory of the Government Chemist (1994) Analysis of assorted foods

Laboratory of the Government Chemist (1994) Nutrient analysis of foods important in elderly people

Laboratory of the Government Chemist (1994-1995) Nutrient analysis of chicken and turkey

Laboratory of the Government Chemist (1994-1995) Nutritional analysis of meat and poultry products

Laboratory of the Government Chemist (1995) Added folic acid in supplements and fortified foods

Laboratory of the Government Chemist (1995) Nutrient analysis of foods commonly consumed by schoolchildren

RHM Technology (1995) Nutrient analysis of pizzas

RHM Technology (1995) Nutrient analysis of selected foods

ADAS Laboratory Services (1995-1996) Nutrient analysis of pasteurised liquid milk Laboratory of the Government Chemist (1996) Individual folates in foodstuffs

Aspland and James Ltd (1997) Nutrient analysis of ethnic takeaway foods

Laboratory of the Government Chemist (1997) Determination of 25-OH vitamin D in selected foodstuffs

Laboratory of the Government Chemist (1997) Determination of cis carotenoids in foodstuffs

Laboratory of the Government Chemist (1997) The determination of different forms of iron in foodstuffs

RHM Technology (1997) Nutrient analysis of manufactured foods for vegetarians Laboratory of Government Chemist (1998) Nutrient analysis of 'other' milk and cream

Campden and Chorleywood Food Research Association (1998) Nutrient analysis of yoghurts, fromage frais and chilled desserts

Laboratory of the Government Chemist (1999) Nutrient analysis of bread and morning goods

Laboratory of the Government Chemist (1999) Nutrient analysis of cheese

ADAS Laboratories (1999) Nutrient analysis of ice creams and desserts

Campden and Chorleywood Food Research Association (2003) Programme of minisurveys: survey of sausages

Direct Laboratories (2003) Nutrient analysis catch up project

Laboratory of the Government Chemist (2004) Nutrient analysis of pasta and pasta sauces

Laboratory of the Government Chemist (2004) Nutrient survey of breakfast cereals Laboratory of the Government Chemist (2005) Nutrient survey of flours and grains University of Leeds (2007) Nutritional analysis of commonly consumed South Asian foods in the UK

Department of Health (2011) Nutrient analysis survey of biscuits, buns, cakes and pastries

Department of Health (2012) Nutrient analysis of eggs

Department of Health (2013) Nutrient analysis of a range of processed foods with particular reference to trans fatty acids, revised version

Department of Health (2013) Nutrient analysis of fish and fish products

Department of Health (2013) Nutrient analysis of fruit and vegetables

Scientific literature

Bolton-Smith, C., Price, R.J.G., Fenton, S.T., Harrington, D.J. and Shearer, M.J. (2000) Compilation of a provisional UK database for the phylloquinone (vitamin K1) content of foods. Br. J. Nutr. 83, 389-399

Caribbean Food and Nutrition Institute (1974) Food composition tables for use in the English speaking Caribbean. Unwin Brothers, Woking

Cashel, K., English, R. and Lewis, J. (1989) Composition of Foods, Australia. Volume 1. Department of Community Services and Health, Canberra

Chughtai, M.I.D. and Khan, A. (1960) Nutritive value of food-stuffs and planning of satisfactory diets in Pakistan, Part 1. Composition of raw food-stuffs, Punjab University Press, Lahore

Cutrufelli, R. and Matthews, R.H. (1986) Composition of foods: beverages, raw, processed and prepared. Agriculture Handbook No. 8-14, US Department of Agriculture, Washington DC

Cutrufelli, R. and Pehrsson, P.R. (1991) Composition of foods: snacks and sweets, raw, processed and prepared. Agriculture Handbook No. 8-19, US Department of Agriculture, Washington DC

Department of Health and Social Security (1977) The composition of mature human milk. Report on Health and Social Subjects No 12, HMSO, London

Department of Health (1991) Dietary reference values for food energy and nutrients for the United Kingdom. Report on Health and Social Subjects No. 41, HMSO, London

Exler, J. (1987) Composition of foods: finfish and shellfish products, raw, processed and prepared, Agriculture Handbook No 8-15, US Department of Agriculture, Washington DC

Gebhardt, S.E., Cutrufelli, R. and Matthews, R.H. (1982) Composition of foods: fruits and fruit juices, raw, processed and prepared, Agriculture Handbook No 8-9, US Department of Agriculture, Washington DC

Gopalan, C., Rama Sastri, B.V. and Balasubramanian, S.C. (1980) Nutritive value of Indian foods, National Institute of Nutrition, Indian Council of Medical Research, Hyderabad

Haytowitz, D.B. and Matthews, R.H. (1986) Composition of foods: legumes and legume products, raw, processed and prepared. Agriculture Handbook No. 8-11, US Department of Agriculture, Washington DC

Lewis, J. and English, R. (1990) Composition of foods, Australia. Volume 5, nuts and legumes, beverages, miscellaneous foods. Department of Community Services and Health, Canberra

Marsh, A.C., Moss, M.K. and Murphy, E.W. (1977) Composition of foods: spices and herbs, raw, processed and prepared. Agriculture Handbook No. 8-2, US Department of Agriculture, Washington, Washington DC

McCarthy, M.A. and Matthews, R.H. (1984) Composition of foods: nut and seed products, raw, processed and prepared. Agriculture Handbook No. 8-12, US Department of Agriculture, Washington DC

Polacchi, W., McHargue, J.S. and Perloff, B.P. (1982) Food composition tables for the near east, Food and Agriculture Organization of the United Nations, Rome

Posati, L.P. and Orr, M.L. (1976) Composition of foods, dairy and egg products, raw, processed and prepared, Agriculture Handbook No. 8-1, US Department of Agriculture, Washington DC

U.S. Department of Agriculture, Agricultural Research Service. (2013) USDA National Nutrient Database for Standard Reference, Release 26. Nutrient Data Laboratory Home Page, http://www.ars.usda.gov/ba/bhnrc/ndl

Visser, F.R. and Burrows, J.K. (1983) Composition of New Zealand foods. 1, characteristic fruits and vegetables. DSIR Bulletin 235, New Zealand Department of Scientific and industrial Research, Wellington

Wharton, P.A., Eaton, P.M. and Day, K.C. (1983) Sorrento Asian food tables: food tables, recipes and customs of mothers attending Sorrento Maternity Hospital, Birmingham, England. Hum. Nutr. Appli. Nutr., 37A, 378-402

Wu Leung, W.T., Butrum, R.R., Chang, F.H., Narayama Rao, M. and Polacchi, W. (1972) Food composition table for use in East Asia, Food and Agriculture Organization and US Department of Health, Education and Welfare, Bethesda

Appendix 2

Food sub-group codes

Cerea	als and cereal products	Α
Flours	, grains and starches	AA
Sandw	viches	AB
Rice		AC
Pasta		AD
Pizzas	3	AE
Breads	s	AF
Rolls		AG
Breakf	fast cereals	Al
Infant	cereal foods	AK
Biscuit	ts	AM
Cakes		AN
Pastry	,	AO
Buns a	and pastries	AP
Puddir	ngs	AS
Savou	ries	AT
Milk a	nd milk products	В
Cows	milk	ВА
	Breakfast milk	BAB
	Skimmed milk	BAE
	Semi-skimmed milk	BAH
	Whole milk	BAK
	Channel Island milk	BAN
	Processed milks	BAR
Other	milks	ВС
Infant	formulas	BF
	Whey-based modified milks	BFD
	Non-whey-based modified milks	BFG
	Soya-based modified milks	BFJ
	Follow-on formulas	BFP

Milk-ba	sed drinks	ВН
Creams	5	ВЈ
	Fresh creams (pasteurised)	BJC
	Frozen creams (pasteurised)	BJF
	Sterilised creams	BJL
	UHT creams	BJP
	Imitation creams	BJS
Cheese	es	BL
Yogurts	8	BN
	Whole milk yogurts	BNE
	Low fat yogurts	BNH
	Other yogurts	BNS
Ice crea	ams	BP
Pudding	gs and chilled desserts	BR
Savour	y dishes and sauces	BV
Eggs		С
Eggs		CA
Egg dis	shes	CD
	Savoury egg dishes	CDE
	Sweet egg dishes	CDH
Vegeta	ables	D
Potatoe	9S	DA
	Early potatoes	DAE
	Main crop potatoes	DAM
	Chipped old potatoes	DAP
	Potato products	DAR
Beans a	and lentils	DB
Peas		DF
Vegetal	bles, general	DG
Vegetal	bles, dried	DI
Vegetable dishes		DR

Composition of Foods Integrated Dataset user guide

Fruit		F
Fruit, general		
Fruit juice	es	FC
Nuts and	l seeds	G
Nuts and	seeds, general	GA
Herbs ar	nd spices	Н
Baby foo	ds	IF
Baby food	ds, granulated/powder	IFB
Baby food	ds, canned/bottled	IFC
Fish and	fish products	J
White fish	n	JA
Fatty fish		JC
Crustacea		JK
Molluscs		JM
Fish prod	ucts and dishes	JR
	d meat products	M
Meat		MA
	Bacon	MAA
	Beef	MAC
	Lamb	MAE
	Pork Veal	MAG MAI
Poultry	veai	MC
1 Outry	Chicken	MCA
	Duck	MCC
	Goose	MCE
	Grouse	MCG
	Partridge	MCI
	Pheasant	MCK

Composition of Foods Integrated Dataset user guide

Meat prod	at products	MCM MCO ME MEA MEC MEE MG MBG MI MIG MR
Fats and Spreading Animal fa Oils Non-anim Cooking f	g fats ts nal fats	O OA OB OC OE OF
Beverage	es	Р
	d drinks, essences and infusions	PA
Powdered	d drinks and essences	PAA
Infusions		PAC
Soft drink	s	PC
	Carbonated drinks	PCA
	Squash and cordials	PCC
Juices		PE
Alcoholic	beverages	Q
Beers		QA
Ciders		QC
Wines		QE
Fortified v	vines	QF
Vermouth	as a second seco	QG
Liqueurs		QI

Spirits			QK
Sugars,	preserves and snacks		S
Sugars, s	syrups and preserves		SC
Confection	onery		SE
	Chocolate confectionery		SEA
	Non-chocolate confectionery		SEC
Savoury	snacks		SN
	Potato-based snacks		SNA
	Potato and mixed cereal snacks		SNB
	Non-potato snacks		SNC
Soups, sauces and miscellaneous foods		W	
Soups			WA
	Home made soups		WAA
	Canned soups		WAC
	Packet soups		WAE
Sauces			WC
	Dairy sauces		WCD
	Salad sauces, dressings and pickle	S	WCG
	Non-salad sauces		WCN
Pickles a	Pickles and chutneys		WE
Miscellar	eous foods		

Appendix 3

Acronyms, descriptions and units

<u>Acronym</u>	<u>Description</u>	<u>Units</u>
13CISRET	13-cis-retinol	μg
25OHD3	25-hydroxy vitamin D3	μg
5METHF	5-methyl folate	μg
ACAR	Alpha-carotene	μg
ALCO	Alcohol	g
ALTRET	All-trans-retinol	μg
AOACFIB	AOAC fibre	g
ATOPH	Alpha-tocopherol	mg
ATOTR	Alpha-tocotrienol	mg
BCAR	Beta-carotene	μg
BIOT	Biotin	μg
BRASPHYTO	Brassicasterol	mg
BSITPHYTO	Beta-sitosterol	mg
BTOPH	Beta-tocopherol	mg
BTOPH	Beta-tocopherol	mg
BTOTR	Beta-tocotrienol	mg
CA	Calcium	mg
CAMPHYTO	Campesterol	mg
CAREQU	Carotene	μg
CHO	Carbohydrate	g
CHOL	Cholesterol	mg
CITA	Citric acid	g
CL	Chloride	mg
COMM	Comments and data source	
CRYPYT	Cryptoxanthins	μ g
CU	Copper	mg
D5AVEN	Delta-5-avenasterol	mg
D7AVEN	Delta-7-avenasterol	mg
D7STIG	Delta-7-stigmastenol	mg
DEHYRET	Dehydroretinol	μg
DESC	Food description	
DTOPH	Delta-tocopherol	mg
DTOTR	Delta-tocotrienol	mg
EDPOR	Edible proportion	
ENGFIB	Englyst fibre	g
FAC10:0	Decanoic acid per 100g fatty acids	g

FAC10:1	Decenoic acid per 100g fatty acids	g
FAC10:1c	cis-Decenoic acid per 100g fatty acids	g
FAC11:0xb	ex Br Undecanoic acid per 100g fatty acids	g
FAC12:0	Dodecanoic acid per 100g fatty acids	g
FAC12:0xb	ex Br Dodecanoic acid per 100g fatty acids	g
FAC12:1	Dodecenoic acid per 100g fatty acids	g
FAC12:1c	cis-Dodecenoic acid per 100g fatty acids	g
FAC13:0xb	ex Br Tridecanoic acid	g
FAC14:0	Tetradecanoic acid per 100g fatty acids	g
FAC14:0xb	ex Br Tetradecanoic acid per 100g fatty acids	g
FAC14:1	Tetradecenoic acid per 100g fatty acids	g
FAC14:1c	cis-Tetradecenoic acid per 100g fatty acids	g
FAC15:0	Pentadecanoic acid per 100g fatty acids	g
FAC15:0xb	ex Br Pentadecanoic acid per 100g fatty acids	g
FAC15:1	Pentadecenoic acid per 100g fatty acids	g
FAC15:1c	cis-Pentadecenoic acid per 100g fatty acids	g
FAC16 poly	unknown C16 polyunsaturated fatty acids per	g
	100g fatty acid	
FAC16:0	Hexadecanoic acid per 100g fatty acids	g
FAC16:0xb	ex Br Hexadecanoic acid per 100g fatty acids	g
FAC16:1	Hexadecenoic acid per 100g fatty acids	g
FAC16:1c	cis-Hexadecenoic acid per 100g fatty acids	g
FAC16:2c	cis-Hexadecadienoic acid per 100g fatty acids	g
FAC16:3c	cis-Hexadecatrienoic acid per 100g fatty acids	g
FAC16:4	Hexadecatetraenoic acid per 100g fatty acids	g
FAC16:4c	cis-Hexadecatetraenoic acid per 100g fatty acids	g
FAC16:UNID	16:unidentified fatty acid per 100g fatty acids	g
FAC17:0	Heptadecanoic acid per 100g fatty acids	g
FAC17:0xb	ex Br Heptadecanoic acid per 100g fatty acids	g
FAC17:1	Heptadecenoic acid per 100g fatty acids	g
FAC17:1c	cis-Heptadecenoic acid per 100g fatty acids	g
FAC18 poly	unknown C18 polyunsaturated fatty acids	g
	per 100 fatty acid	
FAC18:0	Octadecanoic acid per 100g fatty acids	g
FAC18:0xb	ex Br Octadecanoic acid per 100g fatty acids	g
FAC18:1	Octadecenoic acid per 100g fatty acids	g
FAC18:1c	cis-Octadecenoic acid per 100g fatty acids	g
FAC18:1n7	n-7 Octadecenoic acid per 100g fatty acids	g
FAC18:1n9	n-9 Octadecenoic acid per 100g fatty acids	g
FAC18:2	Octadecadienoic acid per 100g fatty acids	g
FAC18:2cn6	cis n-6 Octadecadienoic acid per 100g fatty acids	g
FAC18:3	Octadecatrienoic acid per 100g fatty acids	g
FAC18:3cn3	cis n-3 Octadecatrienoic acid per 100g fatty acids	g

FAC18:3cn6	cis n-6 Octadecatrienoic acid per 100g fatty acids	g
FAC18:4	Octadecatetraenoic acid per 100g fatty acids	g
FAC18:4cn3	cis n-3 Octadecatetraenoic acid per 100g fatty acids	g
FAC20 poly	unknown C20 polyunsaturated fatty acid	g
	per 100 fatty acid	
FAC20:0	Eicosanoic acid per 100g fatty acids	g
FAC20:0xb	ex Br Eicosanoic acid per 100g fatty acids	g
FAC20:1	Eicosenoic acid per 100g fatty acids	g
FAC20:1c	cis-Eicosenoic acid per 100g fatty acids	g
FAC20:2	Eicosadienoic acid per 100g fatty acids	g
FAC20:2cn6	cis n-6 Eicosadienoic acid per 100g fatty acids	g
FAC20:3	Eicosatrienoic acid per 100g fatty acids	g
FAC20:3cn6	cis n-6 Eicosatrienoic acid per 100g fatty acids	g
FAC20:4	Eicosatetraenoic acid per 100g fatty acids	g
FAC20:4cn6	cis n-6 Eicosatetraenoic acid per 100g fatty acids	g
FAC20:5	Eicosapentaenoic acid per 100g fatty acids	g
FAC20:5cn3	cis n-3 Eicosapentaenoic acid per 100g fatty acids	g
FAC20:UNID	20:unidentified fatty acid per 100g FA	g
FAC21:5	Heneicosapentaenoic acid per 100g fatty acids	g
FAC21:5cn3	cis n-3 Heneicosapentaenoic acid per 100g	g
	fatty acids	
FAC22 poly	unknown C22 polyunsaturated fatty acid per	g
	100g fatty acid	
FAC22:0	Docosanoic acid per 100g fatty acids	g
FAC22:0xb	ex Br Docosanoic acid per 100g fatty acids	g
FAC22:1	Docosenoic acid per 100g fatty acids	g
FAC22:1c	cis-Docosenoic acid per 100g fatty acids	g
FAC22:1n11	n-11 Docosenoic acid per 100g fatty acids	g
FAC22:1n9	n-9 Docosenoic acid per 100g fatty acids	g
FAC22:2	Docosadienoic acid per 100g fatty acids	g
FAC22:2cn6	cis n-6 Docosadienoic acid per 100g fatty acids	g
FAC22:3cn6	cis n-6 Docosatriienoic acid per 100g fatty acids	g
FAC22:4	Docosatetraenoic acid per 100g fatty acids	g
FAC22:4cn6	cis n-6 Docosatetraenoic acid per 100g fatty acids	g
FAC22:5	Docosapentaenoic acid per 100g fatty acids	g
FAC22:5cn3	cis n-3 Docosapentaenoic acid per 100g fatty acids	g
FAC22:6	Docosahexaenoic acid (DHA) per 100g fatty acids	g
FAC22:6cn3	cis n-3 Docosahexaenoic acid (DHA) per 100g FA	g
FAC22:UNID	22:unidentified fatty acid per 100g FA	g
FAC24:0	Tetracosanoic acid per 100g fatty acids	g
FAC24:0xb	ex Br Tetracosanoic acid per 100g fatty acids	g
FAC24:1	Tetracosenoic acid per 100g fatty acids	g
FAC24:1c	cis-Tetracosenoic acid per 100g fatty acids	g

EA 005 0 de	D- D	
FAC25:0xb	ex Br Pentacosanoic acid per 100g fatty acids	g
FAC4:0	Butanoic acid per 100g fatty acids	g
FAC6:0	Hexanoic acid per 100g fatty acids	g
FAC8:0	Octanoic acid per 100g fatty acids	g
FACTRANS	Total Trans fatty acids per 100g fatty acids	g
FAT	Fat	g
FE	Iron	mg
FOD10:0	Decanoic acid per 100g food	g
FOD10:1	Decenoic acid per 100g food	g
FOD10:1c	cis-Decenoic acid per 100g food	g
FOD11:0xb	ex Br Undecanoic acid per 100g food	g
FOD12:0	Dodecanoic acid per 100g food	g
FOD12:0xb	ex Br Dodecanoic acid per 100g food	g
FOD12:1	Dodecenoic acid per 100g food	g
FOD12:1c	cis-Dodecenoic acid per 100g food	g
FOD13:0	Tridecanoic acid per 100g food	g
FOD13:0xb	ex Br Tridecanoic acid per 100g food	g
FOD14:0	Tetradecanoic acid per 100g food	g
FOD14:0xb	ex Br Tetradecanoic acid per 100g food	g
FOD14:1	Tetradecenoic acid per 100g food	g
FOD14:1c	cis-Tetradecenoic acid per 100g food	g
FOD15:0	Pentadecanoic acid per 100g food	g
FOD15:0xb	ex Br Pentadecanoic acid per 100g food	g
FOD15:1	Pentadecenoic acid per 100g food	g
FOD15:1c	cis-Pentadecenoic acid per 100g food	g
FOD16 poly	unknown C16 polyunsaturated fatty acids	g
	per 100g food	
FOD16:0	Hexadecanoic acid per 100g food	g
FOD16:0xb	ex Br Hexadecanoic acid per 100g food	g
FOD16:1	Hexadecenoic acid per 100g food	g
FOD16:1c	cis-Hexadecenoic acid per 100g food	g
FOD16:2	Hexadecadienoic acid per 100g food	g
FOD16:2c	cis-Hexadecadienoic acid per 100g food	g
FOD16:3	Hexadecatrienoic acid per 100g food	g
FOD16:3c	cis-Hexadecatrienoic acid per 100g food	g
FOD16:4	Hexadecatetraenoic acid per 100g food	g
FOD16:4c	cis-Hexadecatetraenoic acid per 100g food	g
FOD16:UNID	16:unidentified fatty acid per 100g food	g
FOD17:0	Heptadecanoic acid per 100g food	g
FOD17:0xb	ex Br Heptadecanoic acid per 100g food	g
FOD17:1	Heptadecenoic acid per 100g food	g
FOD17:1c	cis Heptadecenoic acid per 100g food	g
FOD18 poly	unknown C18 polyunsaturated fatty acid per	g
. 35 13 poly	a o no polyanoataratoa ratty dola pol	9

FOD18:0 Octadecanoic acid per 100g food g FOD18:0xb ex Br Octadecanoic acid per 100g food g FOD18:1 Octadecenoic acid per 100g food g FOD18:1n cis-Octadecenoic acid per 100g food g FOD18:1n7 n-7 Octadecenoic acid per 100g food g FOD18:1n9 n-9 Octadecadienoic acid per 100g food g FOD18:2 Octadecadienoic acid per 100g food g FOD18:3 Octadecadienoic acid per 100g food g FOD18:3cn3 cis n-6 Octadecatirenoic acid per 100g food g FOD18:3cn6 cis n-6 Octadecatirenoic acid per 100g food g FOD18:3 Octadecatirenoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosancia acid per 100g food g FOD20:1 Eicosaetica acid per		100g food	
FOD18:0xb ex Br Octadecanoic acid per 100g food g FOD18:1 Octadecenoic acid per 100g food g FOD18:1c cis-Octadecenoic acid per 100g food g FOD18:1n7 n-7 Octadecenoic acid per 100g food g FOD18:1n9 n-9 Octadecenoic acid per 100g food g FOD18:2 Octadecadienoic acid per 100g food g FOD18:2cn6 cis n-6 Octadecadienoic acid per 100g food g FOD18:3cn3 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-6 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-6 Octadecatrienoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:1 Eicosanoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosateriaenoic	FOD18:0	· · · ·	g
FOD18:16 cis-Octadecenoic acid per 100g food g FOD18:16r cis-Octadecenoic acid per 100g food g FOD18:1n7 n-7 Octadecenoic acid per 100g food g FOD18:1n9 n-9 Octadecenoic acid per 100g food g FOD18:2 Octadecadienoic acid per 100g food g FOD18:2 Octadecadienoic acid per 100g food g FOD18:3 Octadecatrienoic acid per 100g food g FOD18:3 Octadecatrienoic acid per 100g food g FOD18:3 Octadecatrienoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatrienoic acid per 100g food g FOD20:5 Heneicosapentaenoic acid per 100g food g FOD20:5 Heneicosapentaenoic acid per 100g food g FOD20:5 Heneicosapentaenoic acid per 100g food g FOD20:5 Eicosapencenoic acid per 100g food g FOD20:1 Docosenoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:	FOD18:0xb	ex Br Octadecanoic acid per 100g food	
FOD18:1c cis-Octadecenoic acid per 100g food g FOD18:1n7 n-7 Octadecenoic acid per 100g food g FOD18:1n9 n-9 Octadecenoic acid per 100g food g FOD18:2 Octadecadienoic acid per 100g food g FOD18:2cn6 cis n-6 Octadecadienoic acid per 100g food g FOD18:3 Octadecatrienoic acid per 100g food g FOD18:3cn3 cis n-3 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-6 Octadecatrienoic acid per 100g food g FOD18:4cn3 ocis n-6 Octadecatetraenoic acid per 100g food g FOD18:4cn3 cis n-6 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:1c cis-Eicosanic acid per 100g food g FOD20:1c cis-Eicosadienoic acid per 100g food g FOD20:2c	FOD18:1	Octadecenoic acid per 100g food	
FOD18:1n7 n-7 Octadecenoic acid per 100g food g FOD18:1n9 n-9 Octadecenoic acid per 100g food g FOD18:2 Octadecadienoic acid per 100g food g FOD18:2n6 cis n-6 Octadecadienoic acid per 100g food g FOD18:3 Octadecadienoic acid per 100g food g FOD18:3 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-3 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-6 Octadecatrienoic acid per 100g food g FOD18:4cn3 cis n-3 Octadecatrienoic acid per 100g food g FOD18:4cn3 cis n-3 Octadecateraenoic acid per 100g food g FOD18:4cn3 cis n-3 Octadecateraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20 poly unknown C20 polyunsaturated fatty acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:1 Eicosanoic acid per 100g food g FOD20:1 Eicosanoic acid per 100g food g FOD20:2 Eicosanoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosatienoic acid per 100g food g FOD20:4 Eicosatienoic acid per 100g food g FOD20:4 Eicosatienoic acid per 100g food g FOD20:5 Eicosatienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosatetraenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosatetraenoic acid per 100g food g FOD20:15 Heneicosapentaenoic acid per 100g food g FOD22:10 Docosanoic acid per 100g food g FOD2	FOD18:1c	cis-Octadecenoic acid per 100g food	
FOD18:1n9	FOD18:1n7	n-7 Octadecenoic acid per 100g food	
FOD18:2cn6 cis n-6 Octadecadienoic acid per 100g food g FOD18:3 Octadecatrienoic acid per 100g food g FOD18:3cn3 cis n-3 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-6 Octadecatrienoic acid per 100g food g FOD18:4cn3 cis n-3 Octadecatrienoic acid per 100g food g FOD18:4cn3 cis n-3 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20 poly unknown C20 polyunsaturated fatty acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:1 Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3cn6 cis n-6 Eicosadienoic acid per 100g food g FOD20:3cn6 cis n-6 Eicosadienoic acid per 100g food g FOD20:4 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatrienoic acid per 100g food g FOD20:5 Eicosatrienoic acid per 100g food g FOD20:5 Eicosatrienoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:1 Scn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:1 Scn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:1 Scn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 cis-Docosenoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:2 Docosenoic acid per 100g food g FOD22:2 Docosenoic acid per 100g food g FOD22:2 Docosenoic ac	FOD18:1n9	n-9 Octadecenoic acid per 100g food	
FOD18:3 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-3 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-6 Octadecatrienoic acid per 100g food g FOD18:4cn3 cis n-3 Octadecatrienoic acid per 100g food g FOD18:4cn3 cis n-3 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20 poly unknown C20 polyunsaturated fatty acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:2 Eicosenoic acid per 100g food g FOD20:3 Eicosatirenoic acid per 100g food g FOD20:4 Eicosatirenoic acid per 100g food g FOD20:4 Eicosatirenoic acid per 100g food g FOD20:4 Eicosatirenoic acid per 100g food g FOD20:5 Eicosatirenoic acid per 100g food g FOD20:5 Eicosatetraenoic acid per 100g food g FOD20:5 Beneticosateriaenoic acid per 100g food g FOD20:5 Heneicosateriaenoic acid per 100g food g FOD20:5 Heneicosateriaenoic acid per 100g food g FOD20:5 Cis n-3 Heneicosateriaenoic acid per 100g food g FOD20:5 Cis n-5 Docosanoic acid per 100g food g FOD22:1 Docosanoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 D	FOD18:2	Octadecadienoic acid per 100g food	g
FOD18:3 Octadecatrienoic acid per 100g food g FOD18:3cn3 cis n-3 Octadecatrienoic acid per 100g food g FOD18:3cn6 cis n-6 Octadecatrienoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20 poly unknown C20 polyunsaturated fatty acid per g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:1 Eicosanoic acid per 100g food g FOD20:1 Eicosanoic acid per 100g food g FOD20:1 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosateiraenoic acid per 100g food g FOD20:3 Eicosateiraenoic acid per 100g food g FOD20:4 Eicosateiraenoic acid per 100g food g FOD20:4 Eicosateiraenoic acid per 100g food	FOD18:2cn6	cis n-6 Octadecadienoic acid per 100g food	g
FOD18:3cn6 cis n-6 Octadecatrienoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD18:4 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20 poly unknown C20 polyunsaturated fatty acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0xb ex Br Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosatetraenoic acid per 100g food g FOD20:10 C FOD20:	FOD18:3	Octadecatrienoic acid per 100g food	
FOD18:4 Octadecatetraenoic acid per 100g food g FOD18:4cn3 cis n-3 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20 poly unknown C20 polyunsaturated fatty acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0xb ex Br Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:1 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Decosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:1 Docosanoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD22:1 Docosanoic acid per 100g food g FOD22:1n n-11 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g	FOD18:3cn3	cis n-3 Octadecatrienoic acid per 100g food	g
FOD18:4cn3 cis n-3 Octadecatetraenoic acid per 100g food g FOD19:0 Nonadecanoic acid per 100g food g FOD20 poly unknown C20 polyunsaturated fatty acid per 100g food g FOD20:0 Eicosanoic acid per 100g food g FOD20:0xb ex Br Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD20:1:5 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1n n-11 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:1n n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g	FOD18:3cn6	cis n-6 Octadecatrienoic acid per 100g food	g
FOD19:0 Nonadecanoic acid per 100g food g FOD20 poly unknown C20 polyunsaturated fatty acid per 100g food FOD20:0 Eicosanoic acid per 100g food g FOD20:0xb ex Br Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:15 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1n n-11 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g	FOD18:4	Octadecatetraenoic acid per 100g food	g
FOD20: poly unknown C20 polyunsaturated fatty acid per 100g food god FOD20: Eicosanoic acid per 100g food god product cis-Eicosanoic acid per 100g food god product cis-Eicosadienoic acid per 100g food god product cis-Eicosadienoic acid per 100g food god product cis n-6 Eicosadienoic acid per 100g food god product cis n-6 Eicosadienoic acid per 100g food god product cis n-6 Eicosadienoic acid per 100g food god product cis n-6 Eicosatirienoic acid per 100g food god god product per 100g food god god product per 100g food god god product per 100g food god god god god god god god god god	FOD18:4cn3	cis n-3 Octadecatetraenoic acid per 100g food	g
FOD20:0 Eicosanoic acid per 100g food g FOD20:0xb ex Br Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:4 Eicosaterienoic acid per 100g food g FOD20:4 Eicosaterienoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:2 Docosenoic acid per 100g food g	FOD19:0	Nonadecanoic acid per 100g food	g
FOD20:0 Eicosanoic acid per 100g food g FOD20:0xb ex Br Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1c cis-Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 n-11 n-11 Docosenoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g	FOD20 poly	unknown C20 polyunsaturated fatty acid per	g
FOD20:0xb ex Br Eicosanoic acid per 100g food g FOD20:1 Eicosenoic acid per 100g food g FOD20:1c cis-Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2cn6 cis n-6 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3cn6 cis n-6 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22:0vb unknown polyunsaturated fatty acid per 100g food g FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 cis-Docosenoic acid per 100g food g FOD22:1n1 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food		100g food	
FOD20:1 Eicosenoic acid per 100g food 9 FOD20:2 Cis-Eicosenoic acid per 100g food 9 FOD20:2 Eicosadienoic acid per 100g food 9 FOD20:2 Eicosadienoic acid per 100g food 9 FOD20:2 Cis n-6 Eicosadienoic acid per 100g food 9 FOD20:3 Eicosatrienoic acid per 100g food 9 FOD20:3 Eicosatrienoic acid per 100g food 9 FOD20:4 Eicosatetraenoic acid per 100g food 9 FOD20:4 Eicosatetraenoic acid per 100g food 9 FOD20:5 Eicosapentaenoic acid per 100g food 9 FOD20:5 Eicosapentaenoic acid per 100g food 9 FOD20:5 Eicosapentaenoic acid per 100g food 9 FOD20:UNID 20:unidentified fatty acid per 100g food 9 FOD21:5 Heneicosapentaenoic acid per 100g food 9 FOD21:5 Heneicosapentaenoic acid per 100g food 9 FOD22:0 Unknown polyunsaturated fatty acid per 100g food 9 FOD22:0 Docosanoic acid per 100g food 9 FOD22:1 Docosenoic acid per 100g food 9 FOD22:1 Cis-Docosenoic acid per 100g food 9 FOD22:1 cis-Docosenoic acid per 100g food 9 FOD22:1n1 n-11 Docosenoic acid per 100g food 9 FOD22:2 Docosadienoic acid per 100g food 9 FOD22:2 Cocosadienoic acid per 100g food 9 FOD22:	FOD20:0	Eicosanoic acid per 100g food	g
FOD20:1c cis-Eicosenoic acid per 100g food g FOD20:2 Eicosadienoic acid per 100g food g FOD20:2cn6 cis n-6 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3cn6 cis n-6 Eicosatrienoic acid per 100g food g FOD20:3cn6 cis n-6 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4cn6 cis n-6 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD22:poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:10 Docosanoic acid per 100g food g FOD22:11 Docosenoic acid per 100g food g FOD22:11 Docosenoic acid per 100g food g FOD22:11 n-11 Docosenoic acid per 100g food g FOD22:11 n-11 Docosenoic acid per 100g food g FOD22:11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g	FOD20:0xb	ex Br Eicosanoic acid per 100g food	g
FOD20:2 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3cn6 cis n-6 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4cn6 cis n-6 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22:poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:11 Docosenoic acid per 100g food g FOD22:12 cis-Docosenoic acid per 100g food g FOD22:11 n n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosanoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g	FOD20:1	Eicosenoic acid per 100g food	g
FOD20:2cn6 cis n-6 Eicosadienoic acid per 100g food g FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3cn6 cis n-6 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4cn6 cis n-6 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 cis-Docosenoic acid per 100g food g FOD22:1n0 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g	FOD20:1c	cis-Eicosenoic acid per 100g food	g
FOD20:3 Eicosatrienoic acid per 100g food g FOD20:3cn6 cis n-6 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4cn6 cis n-6 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22:poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 C cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g FOD22:2 C cis n-6 Docosadienoic acid per 100g food g	FOD20:2	Eicosadienoic acid per 100g food	g
FOD20:3cn6 cis n-6 Eicosatrienoic acid per 100g food g FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4cn6 cis n-6 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22 poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 cis-Docosenoic acid per 100g food g FOD22:1n0 n-9 Docosenoic acid per 100g food g FOD22:2 Docosenoic acid per 100g food g	FOD20:2cn6	cis n-6 Eicosadienoic acid per 100g food	g
FOD20:4 Eicosatetraenoic acid per 100g food g FOD20:4cn6 cis n-6 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22 poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:10 Docosanoic acid per 100g food g FOD22:11 Docosenoic acid per 100g food g FOD22:1c cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosanoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g	FOD20:3	Eicosatrienoic acid per 100g food	g
FOD20:4cn6 cis n-6 Eicosatetraenoic acid per 100g food g FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22 poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:1 Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 cis-Docosenoic acid per 100g food g FOD22:1n1 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 Cis n-6 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD20:3cn6	cis n-6 Eicosatrienoic acid per 100g food	g
FOD20:5 Eicosapentaenoic acid per 100g food g FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22 poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD20:4	Eicosatetraenoic acid per 100g food	g
FOD20:5cn3 cis n-3 Eicosapentaenoic acid per 100g food g FOD20:UNID 20:unidentified fatty acid per 100g food g FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22 poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1c cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD20:4cn6	cis n-6 Eicosatetraenoic acid per 100g food	g
FOD20:UNID 20:unidentified fatty acid per 100g food FOD21:5 Heneicosapentaenoic acid per 100g food FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food FOD22 poly unknown polyunsaturated fatty acid per 100g food FOD22:0 Docosanoic acid per 100g food FOD22:0xb EXEMPTION	FOD20:5	Eicosapentaenoic acid per 100g food	g
FOD21:5 Heneicosapentaenoic acid per 100g food g FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22 poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 cis-Docosenoic acid per 100g food g FOD22:1n1 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 Cis n-6 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD20:5cn3	cis n-3 Eicosapentaenoic acid per 100g food	g
FOD21:5cn3 cis n-3 Heneicosapentaenoic acid per 100g food g FOD22 poly unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1c cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD20:UNID	20:unidentified fatty acid per 100g food	g
FOD22:0 Unknown polyunsaturated fatty acid per 100g food g FOD22:0 Docosanoic acid per 100g food g FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1c cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD21:5	Heneicosapentaenoic acid per 100g food	g
FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1 C cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 Cis-Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2 Cis n-6 Docosadienoic acid per 100g food g FOD22:2 Cis n-6 Docosadienoic acid per 100g food g	FOD21:5cn3	cis n-3 Heneicosapentaenoic acid per 100g food	g
FOD22:0xb ex Br Docosanoic acid per 100g food g FOD22:1 Docosenoic acid per 100g food g FOD22:1c cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD22 poly	unknown polyunsaturated fatty acid per 100g food	g
FOD22:1 Docosenoic acid per 100g food g FOD22:1c cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD22:0	Docosanoic acid per 100g food	g
FOD22:1c cis-Docosenoic acid per 100g food g FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD22:0xb	ex Br Docosanoic acid per 100g food	g
FOD22:1n11 n-11 Docosenoic acid per 100g food g FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD22:1	Docosenoic acid per 100g food	g
FOD22:1n9 n-9 Docosenoic acid per 100g food g FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD22:1c	cis-Docosenoic acid per 100g food	g
FOD22:2 Docosadienoic acid per 100g food g FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD22:1n11	n-11 Docosenoic acid per 100g food	g
FOD22:2cn6 cis n-6 Docosadienoic acid per 100g food g	FOD22:1n9	n-9 Docosenoic acid per 100g food	g
		·	g
FOD22:3cn6 cis n-6 Docosatrienoic acid per 100g food g		·	g
		·	g
FOD22:4 Docosatetraenoic acid per 100g food g	FOD22:4	Docosatetraenoic acid per 100g food	g

50D00 4 0		
FOD22:4cn6	cis n-6 Docosatetraenoic acid per 100g food	g
FOD22:5	Docosapentaenoic acid per 100g food	g
FOD22:5cn3	cis n-3 Docosapentaenoic acid per 100g food	g
FOD22:6	Docosahexaenoic acid (DHA) per 100g food	g
FOD22:6cn3	cis n-3 Docosahexaenoic acid (DHA) per 100g food	g
FOD22:UNID	22:unidentified fatty acid per 100g food	g
FOD24:0	Tetracosanoic acid per 100g food	g
FOD24:0xb	ex Br Tetracosanoic acid per 100g food	g
FOD24:1	Tetracosenoic acid per 100g food	g
FOD24:1c	cis-Tetracosenoic acid per 100g food	g
FOD25:0xb	ex Br Pentacosanoic acid per 100g food	g
FOD4:0	Butanoic acid per 100g food	g
FOD6:0	Hexanoic acid per 100g food	g
FOD8:0	Octanoic acid per 100g food	g
FODTRANS	Trans fatty acids per 100g food	g
FOLT	Folate	μg
FRUCT	Fructose	g
GALACT	Galactose	g
GLUC	Glucose	g
GROUP	Food sub-group code	_
GTOPH	Gamma-tocopherol	mg
GTOTR	Gamma-tocotrienol	mg
T	lodine	μg
K	Potassium	mg
KCALS	kcal	_
KJ	kJ	
LACA	Lactic acid	g
LACT	Lactose	g
LUT	Lutein	μg
LYCO	Lycopene	μg
MALA	Malic acid	g
MALT	Maltose	g
MG	Magnesium	mg
MN	Manganese	mg
MONOFAC	Monounsaturated fatty acids per 100g fatty acids	g
MONOFACc	cis-Monounsaturated fatty acids /100g FA	g
MONOFACtr	trans monounsaturated fatty acids per 100 FA	g
MONOFOD	Monounsaturated fatty acids per 100g food	g
MONOFODc	cis-Monounsaturated fatty acids /100g Food	g
MONOFODtr	trans monounsaturated fatty acids per 100g food	g
NA	Sodium	mg
NAME	Full food name (including any preparation details)	9
NCF	Nitrogen conversion factor	
1401	This again conversion ractor	

NIAC	Niacin	mg
NIACEQU	Niacin equivalent	mg
NUMB	Food number	_
OLIGO	Oligosaccharide	g
Other CHOL	Other Cholesterol and Phytosterols	mg
and PHYTO		
Р	Phosphorus	mg
PANTO	Pantothenate	mg
PHYTO	Phytosterol	mg
POLYFAC	Polyunsaturated fatty acids per 100g fatty acids	g
POLYFACc	cis-Polyunsaturated fatty acids /100g FA	g
POLYFACtr	trans polyunsatsaturated fatty acid per 100g	g
	fatty acid	
POLYFOD	Polyunsaturated fatty acids per 100g food	g
POLYFODc	cis-Polyunsaturated fatty acids /100g Food	g
POLYFODtr	trans polyunsaturated fatty acid per 100g food	g
PREV	Previous food number	
PROT	Protein	g
PYR	Pyridoxine	mg
PYRAL	Pyridoxal	mg
PYRALP	Pyridoxal phosphate	mg
PYRANP	Pyridoxamine phosphate	mg
PYRNE	Pyridoxamine	mg
PYRPH	Pyridoxine phosphate	mg
RET	Retinol	μg
RETALD	Retinaldehyde	μg
RETEQU	Total retinol equivalent	μg
RIBO	Riboflavin	mg
SATFAC	Saturated fatty acids per 100g fatty acids	g
SATFACx6	Saturated fatty acids excluding branch per	g
	100 g fatty acid	
SATFOD	Saturated fatty acids per 100g food	g
SATFODx6	Saturated fatty acids excluding branch per	g
	100 g food	
SE	Selenium	μg
SOLD	Total solids	g
SPECGRAV	Specific gravity	
STAR	Starch	g
STIGPHYTO	Stigmasterol	mg
SUCR	Sucrose	g
THIA	Thiamin	mg
Total PHYTO	Total Phytosterols	mg
TOTBRFAC	Total branched chain per 100g fatty acid	g

TOTBRFOD	Total branched chain per 100g food	g
TOTn3PFAC	Total n-3 polyunsaturated fatty acids per	g
	100g fatty acid	
TOTn3PFOD	Total n-3 polyunsaturated fatty acids per 100g food	g
TOTn6PFAC	Total n-6 polyunsaturated fatty acids per	g
	100g fatty acid	
TOTn6PFOD	Total n-6 polyunsaturated fatty acids per 100g food	g
TOTNIT	Total nitrogen	g
TOTSUG	Total sugars	g
TRYP60	Tryptophan divided by 60	mg
UNIDFAC	Unidentified fatty acid per 100g FA	g
UNIDFOD	Unidentified fatty acid per 100g food	g
VITB12	Vitamin B12	μg
VITB6	Vitamin B6	mg
VITC	Vitamin C	mg
VITD	Vitamin D	μg
VITD3	Cholecalciferol	μg
VITE	Vitamin E	mg
VITK1	Phylloquinone	μg
WATER	Water	g
ZN	Zinc	mg