

Commission Regulation (EU) No 432/2012 of 16 May 2012 establishing a list of permitted health claims made on foods, other than those referring to the reduction of disease risk and to children's development and health (Text with EEA relevance)

COMMISSION REGULATION (EU) No 432/2012  
of 16 May 2012

establishing a list of permitted health claims made on foods, other than those referring to the reduction of disease risk and to children's development and health

(Text with EEA relevance)

THE EUROPEAN COMMISSION,

Having regard to the Treaty on the Functioning of the European Union,

Having regard to Regulation (EC) No 1924/2006 of the European Parliament and of the Council of 20 December 2006 on nutrition and health claims made on foods<sup>(1)</sup>, and in particular Article 13(3) thereof,

Whereas:

- (1) Pursuant to Article 10(1) of Regulation (EC) No 1924/2006, health claims made on foods are prohibited unless they are authorised by the Commission in accordance with that Regulation and included in a list of permitted claims.
- (2) Article 13(2) of Regulation (EC) No 1924/2006 provides that Member States shall submit national lists of health claims made on foods, as referred to in Article 13(1) of that Regulation to the Commission, by 31 January 2008 at the latest. The national lists of claims must be accompanied by the conditions applying to them and by references to the relevant scientific justification.
- (3) Article 13(3) of Regulation (EC) No 1924/2006 provides that, after consulting the European Food Safety Authority (hereinafter referred to as 'the Authority'), the Commission shall adopt a list of permitted health claims made on foods, as referred to in Article 13(1) of that Regulation, and all necessary conditions for the use of those claims by 31 January 2010 at the latest.
- (4) On 31 January 2008 the Commission received lists with more than 44 000 health claims from the Member States. An examination of the national lists showed that due to many duplications and following discussions with Member States, it was necessary to compile the national lists into a consolidated list of the claims for which the Authority should give scientific advice, hereinafter referred to as the 'consolidated list'<sup>(2)</sup>.
- (5) On 24 July 2008, the Commission formally transmitted to the Authority the request for a scientific opinion pursuant to Article 13(3) of Regulation (EC) No 1924/2006, together with terms of reference and a first part of the consolidated list. Subsequent parts of the consolidated list were transmitted in November and December 2008. The consolidated list was finalised by the Commission by an addendum, which was

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forwarded to the Authority on 12 March 2010. Some claims in the consolidated list were subsequently withdrawn by Member States before their evaluation by the Authority. The scientific evaluation by the Authority concluded in the publication of its opinions between October 2009 and July 2011<sup>(3)</sup>.

- (6) In its evaluation the Authority found that some submissions covered different claimed effects or brought together the same claimed effect. Therefore, a health claim considered in this Regulation may represent one or more of the entries on the consolidated list.
- (7) For a number of health claims the Authority concluded that, on the basis of the data submitted, a cause and effect relationship has been established between a food category, a food or one of its constituents and the claimed effect. Health claims corresponding to those conclusions and complying with the requirements of Regulation (EC) No 1924/2006 should be authorised under Article 13(3) of Regulation (EC) No 1924/2006, and included in a list of permitted claims.
- (8) Article 13(3) of Regulation (EC) No 1924/2006 provides that permitted health claims must be accompanied with all necessary conditions (including restrictions) for their use. Accordingly, the list of permitted claims should include the wording of the claims and specific conditions of use of the claims, and where applicable, conditions or restrictions of use and/or an additional statement or warning, in accordance with the rules laid down in Regulation (EC) No 1924/2006 and in line with the opinions of the Authority.
- (9) One of the objectives of Regulation (EC) No 1924/2006 is to ensure that health claims are truthful, clear, reliable and useful to the consumer. In that respect, the wording and presentation of such claims have to be taken into account. Where the wording of claims has the same meaning for consumers as that of a permitted health claim, because it demonstrates the same relationship that exists between a food category, a food or one of its constituents and health, the claims should be subject to the same conditions of use indicated for the permitted health claims.
- (10) The Commission has identified a number of claims submitted for evaluation, referring to effects of plant or herbal substances, commonly known as ‘botanical’ substances, for which the Authority has yet to complete a scientific evaluation. In addition, there are a number of health claims for which either a further evaluation is required before the Commission is able to consider their inclusion or otherwise in the list of permitted claims, or which have been evaluated, but due to other legitimate factors consideration cannot be completed by the Commission at this time.
- (11) Claims whose evaluation by the Authority or whose consideration by the Commission has not yet been completed will be published on the website of the Commission<sup>(4)</sup> and may continue to be used pursuant to Article 28(5) and (6) of Regulation (EC) No 1924/2006.
- (12) Pursuant to Articles 6(1) and 13(1) of Regulation (EC) No 1924/2006 health claims need to be based on generally accepted scientific evidence. Accordingly, health claims that did not receive a favourable assessment on their scientific substantiation by the Authority, as it was not concluded that a cause and effect relationship had been established between a food category, a food or one of its constituents and the claimed

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effect, should not be authorised. Authorisation may also legitimately be withheld if health claims do not comply with other general and specific requirements of Regulation (EC) No 1924/2006, even in the case of a favourable scientific assessment by the Authority. Health claims inconsistent with generally accepted nutrition and health principles should not be made. The Authority concluded that for one claim<sup>(5)</sup> on the effect of fats on the normal absorption of fat soluble vitamins and another claim<sup>(6)</sup> on the effect of sodium on the maintenance of normal muscle function a cause and effect relationship has been established. However, the use of these health claims would convey a conflicting and confusing message to consumers, because it would encourage consumption of those nutrients for which, on the basis of generally accepted scientific advice, European, national and international authorities inform the consumer that their intake should be reduced. Therefore, these two claims do not comply with point (a) of the second paragraph of Article 3 of Regulation (EC) No 1924/2006 which foresees that the use of claims shall not be ambiguous or misleading. Furthermore, even if the health claims concerned were to be authorised only under specific conditions of use and/or accompanied by additional statements or warnings, it would not be sufficient to alleviate the confusion of the consumer, and consequently the claims should not be authorised.

- (13) This Regulation should apply six months after the date of its entry into force to enable food business operators to adapt to its requirements, including the prohibition according to Article 10(1) of Regulation (EC) No 1924/2006 of those health claims whose evaluation by the Authority and whose consideration by the Commission has been completed.
- (14) Article 20(1) of Regulation (EC) No 1924/2006 provides for the Commission to establish and maintain a Union Register of nutrition and health claims made on foods, hereinafter referred to as ‘the Register’. The Register will contain all the authorised claims and, inter alia, the conditions of use applying to them. The Register will also contain a list of rejected health claims and the reasons for their rejection.
- (15) Health claims that have been withdrawn by the Member States will not be included in the list of rejected claims in the Union Register. The Register will be updated periodically and, as the case may be, following progress on health claims for which the evaluation by the Authority and/or consideration by the Commission has not yet been completed.
- (16) Comments and positions from the members of the public and interested stakeholders, received by the Commission have been adequately considered when setting the measures provided for in this Regulation.
- (17) The addition of substances to or the use of substances in foodstuffs is governed by specific Union and national legislation, as is the classification of products as foodstuffs or medicinal products. Any decision on a health claim in accordance with Regulation (EC) No 1924/2006 such as inclusion in the list of permitted claims referred to in Article 13(3) thereof does not constitute an authorisation to the marketing of the substance on which the claim is made, a decision on whether the substance can be used in foodstuffs, or a classification of a certain product as a foodstuff.

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- (18) The measures provided for in this Regulation are in accordance with the opinion of the Standing Committee on the Food Chain and Animal Health, and neither the European Parliament nor the Council have opposed them,

HAS ADOPTED THIS REGULATION:

*Article 1*

**Permitted health claims**

1 The list of health claims which may be made on foods, as referred to in Article 13(3) of Regulation (EC) No 1924/2006, is set out in the Annex to this Regulation.

2 Health claims referred to in paragraph 1 may be made on foods in compliance with the conditions set out in the Annex.

*Article 2*

**Entry into force and application**

This Regulation shall enter into force on the twentieth day following that of its publication in the *Official Journal of the European Union*.

It shall apply from 14 December 2012.

This Regulation shall be binding in its entirety and directly applicable in all Member States.

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## ANNEX

### LIST OF PERMITTED HEALTH CLAIMS

Nutrient, substance, food or food category	Claim	Conditions of use of the claim	Conditions and/or restrictions of use of the food and/or additional statement or warning	EFSA Journal number	Relevant entry number in the Consolidated List submitted to EFSA for its assessment
Activated charcoal	Activated charcoal contributes to reducing excessive flatulence after eating	The claim may be used only for food which contains 1 g of activated charcoal per quantified portion. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with 1 g which should be taken at least 30 minutes before and 1 g shortly after the meal.		2011;9(4):2049	1938
[ <sup>6</sup> F]Alpha-cyclodextrin	Consumption of alpha-cyclodextrin as part of a starch-containing meal contributes to the reduction of the blood glucose rise	The claim may be used for food which contains at least 5 g of alpha-cyclodextrin per 50 g of starch in a quantified portion as		2012; 10(6):2713	2926]

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	after that meal	part of the meal. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained by consuming the alpha-cyclodextrin as part of the meal.			
Alpha-linolenic acid (ALA)	ALA contributes to the maintenance of normal blood cholesterol levels	The claim may be used only for food which is at least a source of ALA as referred to in the claim SOURCE OF OMEGA-3 FATTY ACIDS as listed in the Annex to Regulation (EC) No 1924/2006. Information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 2 g of ALA.		2009; 7(9):1252 2011;9(6):2203	493, 568
Arabinoxylan produced from wheat endosperm	Consumption of arabinoxylan as part of a meal contributes to a reduction of the blood glucose rise	The claim may be used only for food which contains at least 8 g of arabinoxylan (AX)-rich fibre		2011;9(6):2205	830

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	after that meal	produced from wheat endosperm (at least 60 % AX by weight) per 100 g of available carbohydrates in a quantified portion as part of the meal. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained by consuming the arabinoxylan (AX)-rich fibre produced from wheat endosperm as part of the meal.		
Barley grain fibre	Barley grain fibre contributes to an increase in faecal bulk	The claim may be used only for food which is high in that fibre as referred to in the claim HIGH FIBRE as listed in the Annex to Regulation (EC) No 1924/2006.		2011;9(6):2249 819
Beta-glucans	Beta-glucans contribute to the maintenance of normal blood	The claim may be used only for food which contains at least 1 g of		2009; 7(9):1254 2011;9(6):2207 754, 755, 757, 801, 1465, 2934 1236, 1299

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	cholesterol levels	beta-glucans from oats, oat bran, barley, barley bran, or from mixtures of these sources per quantified portion. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 3 g of beta-glucans from oats, oat bran, barley, barley bran, or from mixtures of these beta-glucans.		
Beta-glucans from oats and barley	Consumption of beta-glucans from oats or barley as part of a meal contributes to the reduction of the blood glucose rise after that meal	The claim may be used only for food which contains at least 4 g of beta-glucans from oats or barley for each 30 g of available carbohydrates in a quantified portion as part of the meal. In order to bear the claim information shall be given to the consumer that the beneficial effect is		2011;9(6):2207821, 824



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		obtained by consuming the beta-glucans from oats or barley as part of the meal.			
Betaine	Betaine contributes to normal homocysteine metabolism	The claim may be used only for food which contains at least 500 mg of betaine per quantified portion. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 1,5 g of betaine.	In order to bear the claim information shall be given to the consumer that a daily intake in excess of 4 g may significantly increase blood cholesterol levels.	2011;9(4):2052	4325
Biotin	Biotin contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of biotin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1209	114, 117
Biotin	Biotin contributes to normal functioning of	The claim may be used only for food which is at		2009; 7(9):1209	116

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	the nervous system	least a source of biotin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Biotin	Biotin contributes to normal macronutrient metabolism	The claim may be used only for food which is at least a source of biotin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1209 2010;8(10):1728	113, 114, 117, 4661
Biotin	Biotin contributes to normal psychological function	The claim may be used only for food which is at least a source of biotin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2010;8(10):1728	20

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		(EC) No 1924/2006.			
Biotin	Biotin contributes to the maintenance of normal hair	The claim may be used only for food which is at least a source of biotin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1209 2010;8(10):1728	118, 121, 2876
Biotin	Biotin contributes to the maintenance of normal mucous membranes	The claim may be used only for food which is at least a source of biotin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1209	115
Biotin	Biotin contributes to the maintenance of normal skin	The claim may be used only for food which is at least a source of biotin as referred to in the claim SOURCE OF [NAME OF VITAMIN/		2009; 7(9):1209 2010;8(10):1728	115, 121

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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Calcium	Calcium contributes to normal blood clotting	The claim may be used only for food which is at least a source of calcium as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1210	230, 236
Calcium	Calcium contributes to normal energy- yielding metabolism	The claim may be used only for food which is at least a source of calcium as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1210	234
Calcium	Calcium contributes to normal muscle function	The claim may be used only for food which is at least a source		2009; 7(9):1210	226, 230, 235

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		of calcium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Calcium	Calcium contributes to normal neurotransmission	The claim may be used only for food which is at least a source of calcium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1210	227, 230, 235
Calcium	Calcium contributes to the normal function of digestive enzymes	The claim may be used only for food which is at least a source of calcium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2009; 7(9):1210	355

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		(EC) No 1924/2006.			
Calcium	Calcium has a role in the process of cell division and specialisation	The claim may be used only for food which is at least a source of calcium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):172237	
Calcium	Calcium is needed for the maintenance of normal bones	The claim may be used only for food which is at least a source of calcium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1210 2009; 7(9):1272 2010;8(10):172237 2011;9(6):22034704	224, 230, 350, 354, 2731, 3155, 4311, 4312, 4703
Calcium	Calcium is needed for the maintenance of normal teeth	The claim may be used only for food which is at least a source of calcium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S]		2009; 7(9):1210 2010;8(10):172237 2011;9(6):22034704	224, 230, 231, 2731, 3099, 3155, 4311, 4312, 4703 4704

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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
[ <sup>F7</sup> Carbohydrates	Carbohydrates contribute to the maintenance of normal brain function	In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 130 g of carbohydrates from all sources. The claim may be used for food which contains at least 20 g carbohydrates which are metabolised by humans, excluding polyols, per quantified portion and complies with the nutrition claim LOW SUGARS or WITH NO ADDED SUGARS as listed in the Annex to Regulation (EC) No 1924/2006.	The claim shall not be used on food which is 100 % sugars.	2011;9(6):2226	603,653]
[ <sup>F8</sup> Carbohydrates	Carbohydrates contribute to the recovery	The claim may be used only for	The claim may be used only for foods	2013;11(10):3409	

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	of normal muscle function (contraction) after highly intensive and/or long-lasting physical exercise leading to muscle fatigue and the depletion of glycogen stores in skeletal muscle	food which provides carbohydrates which are metabolised by humans (excluding polyols). Information shall be given to the consumer that the beneficial effect is obtained with the consumption of carbohydrates, from all sources, at a total intake of 4 g per kg body weight, at doses, within the first 4 hours and no later than 6 hours, following highly intensive and/or long-lasting physical exercise leading to muscle fatigue and the depletion of glycogen stores in skeletal muscle.	intended for adults who have performed highly intensive and/or long-lasting physical exercise leading to muscle fatigue and the depletion of glycogen stores in skeletal muscle.		
Carbohydrate-electrolyte solutions	Carbohydrate-electrolyte solutions contribute to the maintenance of endurance performance	In order to bear the claim carbohydrate-electrolyte solutions should contain 80-350		2011;9(6):2211	466, 469



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	during prolonged endurance exercise	kcal/L from carbohydrates, and at least 75 % of the energy should be derived from carbohydrates which induce a high glycaemic response, such as glucose, glucose polymers and sucrose. In addition, these beverages should contain between 20 mmol/L (460 mg/L) and 50 mmol/L (1,150 mg/L) of sodium, and have an osmolality between 200-330 mOsm/kg water.		
Carbohydrate-electrolyte solutions	Carbohydrate-electrolyte solutions enhance the absorption of water during physical exercise	In order to bear the claim carbohydrate-electrolyte solutions should contain 80-350 kcal/L from carbohydrates, and at least 75 % of the energy should be derived from carbohydrates which induce a high	2011;9(6):2211	314, 315, 316, 317, 319, 322, 325, 332, 408, 465, 473, 1168, 1574, 1593, 1618, 4302, 4309

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		glycaemic response, such as glucose, glucose polymers and sucrose. In addition, these beverages should contain between 20 mmol/L (460 mg/L) and 50 mmol/L (1,150 mg/L) of sodium, and have an osmolality between 200-330 mOsm/kg water.		
Chitosan	Chitosan contributes to the maintenance of normal blood cholesterol levels	The claim may be used only for food which provides a daily intake of 3 g of chitosan. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 3 g of chitosan.		2011;9(6):22144663
Chloride	Chloride contributes to normal digestion by production of hydrochloric acid in the stomach	The claim may be used only for food which is at least a source of chloride as referred to in the claim	The claim cannot be used on chloride from the source sodium chloride	2010;8(10):176426

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		SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		
Choline	Choline contributes to normal homocysteine metabolism	The claim may be used only for food which contains at least 82,5 mg of choline per 100 g or 100 ml or per single portion of food.		2011;9(4):20563090
Choline	Choline contributes to normal lipid metabolism	The claim may be used only for food which contains at least 82,5 mg of choline per 100 g or 100 ml or per single portion of food.		2011;9(4):20563186
Choline	Choline contributes to the maintenance of normal liver function	The claim may be used only for food which contains at least 82,5 mg of choline per 100 g or 100 ml or per single portion of food.		2011;9(4):20561501 2011;9(6):2203712, 1633
Chromium	Chromium contributes to normal macronutrient metabolism	The claim may be used only for food which is at least a source of trivalent chromium as		2010;8(10):173260, 401, 4665, 4666, 4667

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		referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		
Chromium	Chromium contributes to the maintenance of normal blood glucose levels	The claim may be used only for food which is at least a source of trivalent chromium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.	—	2010;8(10):173262, 4667 2011;9(6):22034698
[ <sup>F2</sup> Cocoa flavanols	Cocoa flavanols help maintain the elasticity of blood vessels, which contributes to normal blood flow <sup>ef</sup>	Information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 200 mg of cocoa flavanols. The claim can be used only for cocoa beverages (with cocoa powder) or for dark chocolate	—	2012;10(7):2809 <sup>e</sup> ] 2014;12(5):3654 <sup>f</sup>

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		<p>which provide at least a daily intake of 200 mg of cocoa flavanols with a degree of polymerisation 1-10<sup>e</sup>. The claim can be used only for capsules or tablets containing high-flavanol cocoa extract which provide at least a daily intake of 200 mg of cocoa flavanols with a degree of polymerisation 1-10<sup>f</sup>.</p>			
Copper	Copper contributes to maintenance of normal connective tissues	<p>The claim may be used only for food which is at least a source of copper as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.</p>		2009; 7(9):1211	265, 271, 1722
Copper	Copper contributes to normal energy-yielding metabolism	<p>The claim may be used only for food which is at least a source of copper as referred to in the claim</p>		2009; 7(9):1211 2011;9(4):2079	266, 1729

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		SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Copper	Copper contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of copper as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1211 2011;9(4):2079	267, 1723
Copper	Copper contributes to normal hair pigmentation	The claim may be used only for food which is at least a source of copper as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1211	268, 1724
Copper	Copper contributes to	The claim may be used		2009; 7(9):1211	269, 270, 1727

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	normal iron transport in the body	only for food which is at least a source of copper as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Copper	Copper contributes to normal skin pigmentation	The claim may be used only for food which is at least a source of copper as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1211	268, 1724
Copper	Copper contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of copper as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex		2009; 7(9):1211 2011;9(4):2079	264, 1725

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		to Regulation (EC) No 1924/2006.			
Copper	Copper contributes to the protection of cells from oxidative stress	The claim may be used only for food which is at least a source of copper as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1211	263, 1726
Creatine	Creatine increases physical performance in successive bursts of short-term, high intensity exercise	The claim may be used only for food which provides a daily intake of 3 g of creatine. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 3 g of creatine.	The claim may be used only for foods targeting adults performing high intensity exercise	2011;9(7):2303	739, 1520, 1521, 1522, 1523, 1525, 1526, 1531, 1532, 1533, 1534, 1922, 1923, 1924
[ <sup>15</sup> C]Creatine	Daily creatine consumption can enhance the effect of resistance training on muscle strength in	Information shall be provided to the consumer that: — the claim is targeting	The claim may be used only for foods targeting adults over the age of 55, who are engaged in regular	2016;14(2):4400	



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adults over the age of 55.	adults resistance over training. the age of 55, who are engaged in regular resistance training, the beneficial effect is obtained with a daily intake of 3 g of creatine in conjunction with resistance training, which allows an increase in the workload over time and which should be performed at least three times per week for several weeks,	
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		at an intensity of at least 65 %-75 % of one repetition maximum load <sup>1</sup> .		
Docosahexaenoic acid (DHA)	DHA contributes to maintenance of normal brain function	The claim may be used only for food which contains at least 40 mg of DHA per 100 g and per 100 kcal. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 250 mg of DHA.		2010;8(10):1734-65, 626, 2011;9(4):2078-631, 689, 704, 742, 3148, 690, 3151, 497, 501, 510, 513, 519, 521, 534, 540, 688, 1323, 1360, 4294
Docosahexaenoic acid (DHA)	DHA contributes to the maintenance of normal vision	The claim may be used only for food which contains at least 40 mg of DHA per 100 g and per 100 kcal. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with		2010;8(10):1734-627, 632, 2011;9(4):2078-743, 3149, 2905, 508, 510, 513, 519, 529, 540, 688, 4294

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		a daily intake of 250 mg of DHA.			
[F6] Docosahexaenoic acid (DHA)	DHA contributes to the maintenance of normal blood triglyceride levels	The claim may be used only for food which provides a daily intake of 2 g of DHA and which contains DHA in combination with eicosapentaenoic acid (EPA). In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 2 g of DHA. When the claim is used on food supplements and/or fortified foods information shall also be given to consumers not to exceed a supplemental daily intake of 5 g of EPA and DHA combined.	The claim shall not be used for foods targeting children.	2010; 8(10):1734	533, 691, 3150
Docosahexaenoic acid and Eicosapentaenoic acid	DHA and EPA contribute to the	The claim may be used only for food which	The claim shall not be used for foods	2009; 7(9):1263 2010; 8(10):1796	502, 506, 516, 703, 1317, 1324

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(DHA/EPA)	maintenance of normal blood pressure	provides a daily intake of 3 g of EPA and DHA. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 3 g of EPA and DHA. When the claim is used on food supplements and/or fortified foods information shall also be given to consumers not to exceed a supplemental daily intake of 5 g of EPA and DHA combined.	targeting children.		
Docosahexaenoic acid and Eicosapentaenoic acid (DHA/EPA)	DHA and EPA contribute to the maintenance of normal blood triglyceride levels	The claim may be used only for food which provides a daily intake of 2 g of EPA and DHA. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a daily	The claim shall not be used for foods targeting children.	2009; 7(9):1263 2010; 8(10):1796	506, 517, 527, 538, 1317, 1324, 1325

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		intake of 2 g of EPA and DHA. When the claim is used on food supplements and/or fortified foods information shall also be given to consumers not to exceed a supplemental daily intake of 5 g of EPA and DHA combined.			
Dried plums of 'prune' cultivars ( <i>Prunus domestica</i> L.)	Dried plums/prunes contribute to normal bowel function	The claim may be used only for food which provides a daily intake of 100 g of dried plums (prunes). In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 100 g of dried plums (prunes).		2012; 10(6):2712	1164]
Eicosapentaenoic acid and docosahexaenoic acid (EPA/DHA)	EPA and DHA contribute to the normal function of the heart	The claim may be used only for food which is at least a source of EPA and DHA as referred to in the claim SOURCE OF		2010;8(10):179604, 506, 2011;9(4):2078516, 527, 538, 703, 1128, 1317, 1324, 1325, 510, 688, 1360	

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		<p>OMEGA-3 FATTY ACIDS as listed in the Annex to Regulation (EC) No 1924/2006. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 250 mg of EPA and DHA.</p>			
Fluoride	Fluoride contributes to the maintenance of tooth mineralisation	<p>The claim may be used only for food which is at least a source of fluoride as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.</p>		2009; 7(9):1212 2010;8(10):1797	275, 276, 338, 4238,
Folate	Folate contributes to maternal tissue growth during pregnancy	<p>The claim may be used only for food which is at least a source of folate as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR</p>		2009; 7(9):1213	2882

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		[NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Folate	Folate contributes to normal amino acid synthesis	The claim may be used only for food which is at least a source of folate as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):176095, 2881	
Folate	Folate contributes to normal blood formation	The claim may be used only for food which is at least a source of folate as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009;7(9):1213	79
Folate	Folate contributes to normal homocysteine metabolism	The claim may be used only for food which is at least a source of folate as		2009;7(9):1213	80

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		referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Folate	Folate contributes to normal psychological function	The claim may be used only for food which is at least a source of folate as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):176	81, 85, 86, 88
Folate	Folate contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of folate as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009;7(9):1213	91



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Folate	Folate contributes to the reduction of tiredness and fatigue	The claim may be used only for food which is at least a source of folate as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):17684	
Folate	Folate has a role in the process of cell division	The claim may be used only for food which is at least a source of folate as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009;7(9):1213 2010;8(10):1760	193, 195, 2881
Foods with a low or reduced content of saturated fatty acids	Reducing consumption of saturated fat contributes to the maintenance of normal blood cholesterol levels	The claim may be used only for food which is at least low in saturated fatty acids, as referred to in the claim LOW SATURATED FAT		2011;9(4):2062	620, 671, 4332

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		or reduced in saturated fatty acids as referred to in the claim REDUCED [NAME OF NUTRIENT] as listed in the Annex to Regulation (EC) No 1924/2006.			
Foods with a low or reduced content of sodium	Reducing consumption of sodium contributes to the maintenance of normal blood pressure	The claim may be used only for food which is at least low in sodium/salt as referred to in the claim LOW SODIUM/ SALT or reduced in sodium/salt as referred to in the claim REDUCED [NAME OF NUTRIENT] as listed in the Annex to Regulation (EC) No 1924/2006.		2011;9(6):2237	336, 705, 1148, 1178, 1185, 1420
[ <sup>F6</sup> Fructose	Consumption of foods containing fructose leads to a lower blood glucose rise compared to foods containing sucrose or glucose	In order to bear the claim, glucose and/ or sucrose should be replaced by fructose in sugar-sweetened foods or drinks so that the reduction in content of glucose and/ or sucrose, in		2011; 9(6):2223	558]

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		these foods or drinks, is at least 30 %.			
Glucosmannan (konjac mannan)	Glucosmannan contributes to the maintenance of normal blood cholesterol levels	The claim may be used only for food which provides a daily intake of 4 g of glucosmannan. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 4 g of glucosmannan.	Warning of choking to be given for people with swallowing difficulties or when ingesting with inadequate fluid intake — advice on taking with plenty of water to ensure substance reaches stomach.	2009; 7(9):1258 2010;8(10):1798	836, 1560, 3100, 3217
Glucosmannan (konjac mannan)	Glucosmannan in the context of an energy restricted diet contributes to weight loss	The claim may be used only for food which contains 1 g of glucosmannan per quantified portion. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 3 g of glucosmannan in three doses of 1 g each, together with 1-2 glasses of water, before meals and in	Warning of choking to be given for people with swallowing difficulties or when ingesting with inadequate fluid intake — advice on taking with plenty of water to ensure substance reaches stomach.	2010;8(10):1798	854, 1556, 3725,

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		the context of an energy-restricted diet.		
Guar Gum	Guar gum contributes to the maintenance of normal blood cholesterol levels	The claim may be used only for food which provides a daily intake of 10 g of guar gum. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 10 g of guar gum.	Warning of choking to be given for people with swallowing difficulties or when ingesting with inadequate fluid intake — advice on taking with plenty of water to ensure substance reaches stomach.	2010;8(2):1464808
Hydroxypropyl methylcellulose (HPMC)	Consumption of Hydroxypropyl methylcellulose with a meal contributes to a reduction in the blood glucose rise after that meal	The claim may be used only for food which contains 4 g of HPMC per quantified portion as part of the meal. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained by consuming 4 g of HPMC as part of the meal.	Warning of choking to be given for people with swallowing difficulties or when ingesting with inadequate fluid intake — advice on taking with plenty of water to ensure substance reaches stomach.	2010;8(10):173814
Hydroxypropyl methylcellulose	Hydroxypropyl methylcellulose	The claim may be used	Warning of choking to	2010;8(10):173815

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(HPMC)	contributes to the maintenance of normal blood cholesterol levels	only for food which provides a daily intake of 5 g of HPMC. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 5 g of HPMC.	be given for people with swallowing difficulties or when ingesting with inadequate fluid intake — advice on taking with plenty of water to ensure substance reaches stomach.		
Iodine	Iodine contributes to normal cognitive function	The claim may be used only for food which is at least a source of iodine as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):1800	273
Iodine	Iodine contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of iodine as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF		2009;7(9):1214 2010;8(10):1800	274, 402

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		MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Iodine	Iodine contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of iodine as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):1800	273
Iodine	Iodine contributes to the maintenance of normal skin	The claim may be used only for food which is at least a source of iodine as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1214	370
Iodine	Iodine contributes to the normal production of thyroid hormones and normal	The claim may be used only for food which is at least a source of iodine as referred to		2009; 7(9):1214 2010;8(10):1800	274, 1237

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	thyroid function	in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Iron	Iron contributes to normal cognitive function	The claim may be used only for food which is at least a source of iron as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1215	253
Iron	Iron contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of iron as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1215 2010;8(10):1740	251, 1589, 255

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Iron	Iron contributes to normal formation of red blood cells and haemoglobin	The claim may be used only for food which is at least a source of iron as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1215 2010;8(10):1740	249, 1589, 374, 2889
Iron	Iron contributes to normal oxygen transport in the body	The claim may be used only for food which is at least a source of iron as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1215 2010;8(10):1740	250, 254, 256, 255
Iron	Iron contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of iron as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF		2009; 7(9):1215	252, 259



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		MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Iron	Iron contributes to the reduction of tiredness and fatigue	The claim may be used only for food which is at least a source of iron as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):174	255, 374, 2889
Iron	Iron has a role in the process of cell division	The claim may be used only for food which is at least a source of iron as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1215	368
Lactase enzyme	Lactase enzyme improves lactose digestion in individuals who have	The claim may be used only for food supplements, with a minimum dose of 4 500	Information shall also be given to the target population that tolerance to lactose is	2009; 7(9):1236 2011;9(6):2203	1697, 1818 1974

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	difficulty digesting lactose	FCC (Food Chemicals Codex) units with instructions to the target population to consume with each lactose containing meal.	variable and they should seek advice as to the role of this substance in their diet.		
[ <sup>F9</sup> Lactitol	Lactitol contributes to normal bowel function by increasing stool frequency	The claim may be used only for food supplements which contain 10 g of lactitol in a single daily quantified portion. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained by consuming 10 g of lactitol in one daily dose	The claim shall not be used for foods targeting children.	2015;13(10):42	52
Lactulose	Lactulose contributes to an acceleration of intestinal transit	The claim may be used only for food which contains 10 g of lactulose in a single quantified portion. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained		2010;8(10):180	807

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		with a single serving of 10 g of lactulose per day.			
Linoleic acid	Linoleic acid contributes to the maintenance of normal blood cholesterol levels	The claim may be used only for a food which provides at least 1,5 g of linoleic acid (LA) per 100 g and per 100 kcal. Information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 10 g of LA.		2009; 7(9):1276 2011;9(6):2235	489, 2899
Live yoghurt cultures	Live cultures in yoghurt or fermented milk improve lactose digestion of the product in individuals who have difficulty digesting lactose	In order to bear the claim, yoghurt or fermented milk should contain at least 10 <sup>8</sup> Colony Forming Units live starter microorganisms (Lactobacillus delbrueckii subsp. bulgaricus and Streptococcus thermophilus) per gram.		2010;8(10):1763	143, 2976
Magnesium	Magnesium contributes to a reduction of tiredness and fatigue	The claim may be used only for food which is at least a source		2010;8(10):1802	244

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		of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Magnesium	Magnesium contributes to electrolyte balance	The claim may be used only for food which is at least a source of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1216	238
Magnesium	Magnesium contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2009; 7(9):1216	240, 247, 248

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		(EC) No 1924/2006.			
Magnesium	Magnesium contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1216	242
Magnesium	Magnesium contributes to normal muscle function	The claim may be used only for food which is at least a source of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1216 2010;8(10):1807	241, 380, 3083
Magnesium	Magnesium contributes to normal protein synthesis	The claim may be used only for food which is at least a source of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/		2009; 7(9):1216	364

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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Magnesium	Magnesium contributes to normal psychological function	The claim may be used only for food which is at least a source of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):180	245, 246
Magnesium	Magnesium contributes to the maintenance of normal bones	The claim may be used only for food which is at least a source of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1216	239
Magnesium	Magnesium contributes to the maintenance	The claim may be used only for food which is at least a source		2009; 7(9):1216	239

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	of normal teeth	of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Magnesium	Magnesium has a role in the process of cell division	The claim may be used only for food which is at least a source of magnesium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1216	365
Manganese	Manganese contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of manganese as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2009; 7(9):1217 2010;8(10):1808	311, 405

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		(EC) No 1924/2006.			
Manganese	Manganese contributes to the maintenance of normal bones	The claim may be used only for food which is at least a source of manganese as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1217	310
Manganese	Manganese contributes to the normal formation of connective tissue	The claim may be used only for food which is at least a source of manganese as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):1804	404
Manganese	Manganese contributes to the protection of cells from oxidative stress	The claim may be used only for food which is at least a source of manganese as referred to in the claim SOURCE OF [NAME OF VITAMIN/		2009; 7(9):1217	309



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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
[ <sup>F10</sup> Meal replacement for weight control	Substituting one of the main daily meals of an energy restricted diet with a meal replacement contributes to the maintenance of weight after weight loss	In order to bear the claim, a food should comply with the following requirements:  1. <b>Energy content</b>  The energy content shall not be less than 200 kcal (840 kJ) and shall not exceed 250 kcal (1 046 KJ) per meal <sup>h</sup> .  2. <b>Fat content and composition</b>  The energy derived from fat shall not exceed 30 % of total available energy content of the product. The linoleic acid (in the form of glycerides) shall not be less than 1 g.  3. <b>Protein content and composition</b>	In order to bear the claim, information shall be provided to the consumer on the importance of maintaining an adequate daily fluid intake and on the fact that the products are useful for the intended use only as part of an energy- restricted diet and that other foodstuffs should be a necessary part of such diet. In order to achieve the claimed effect, one main meal should be substituted with one meal replacement daily.	2010; 8(2):1466 2015; 13(11):4287	1418

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<p>The protein contained in the food shall provide not less than 25 % and not more than 50 % of the total energy content of the product.</p> <p>The chemical index of protein shall be equal to that set by the World Health Organization in 'Energy and protein requirements'. Report of a Joint WHO/FAO/UNU Meeting. Geneva: World Health Organisation, 1985 (WHO Technical Report Series, 724):</p> <p style="text-align: center;"><i>AMINO ACID REQUIREMENT PATTERN (G/100 G PROTEIN)</i></p> <table border="1"> <tr> <td>Cystine</td> <td>1,7</td> </tr> <tr> <td>+ methionine</td> <td></td> </tr> <tr> <td>Histidine</td> <td>6</td> </tr> <tr> <td>Isoleucine</td> <td>3</td> </tr> <tr> <td>Leucine</td> <td>9</td> </tr> <tr> <td>Lysine</td> <td>1,6</td> </tr> <tr> <td>Phenylalanine</td> <td>1,0</td> </tr> <tr> <td>+ tyrosine</td> <td></td> </tr> </table>	Cystine	1,7	+ methionine		Histidine	6	Isoleucine	3	Leucine	9	Lysine	1,6	Phenylalanine	1,0	+ tyrosine				
Cystine	1,7																		
+ methionine																			
Histidine	6																		
Isoleucine	3																		
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Threonine	0,9
Tryptophan	0,5
Vazline	1,3
<p>The 'chemical index' shall mean the lowest of the ratios between the quantity of each essential amino acid of the test protein in and the quantity of each corresponding amino acid of the reference protein. If the chemical index is lower than 100 % of the reference protein, the minimum protein levels shall be correspondingly increased. In any case the chemical index of the protein shall at least be equal to 80 % of that of the reference protein. In all cases, the addition of amino acids is permitted solely for the purpose of improving the nutritional</p>	

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		<p>value of the proteins and only in the proportions necessary for that purpose.</p> <p>4. <b>Vitamins and minerals</b></p> <p>The food shall provide at least 30 % of the amounts of the nutrient reference values of vitamins and minerals per meal as laid down in Annex XIII to Regulation (EU) No 1169/2011. This requirement does not apply to fluoride, chromium, chloride and molybdenum. The amount of sodium per meal provided by the food shall be at least 172,5 mg. The amount of potassium per meal provided by the food shall be at least 500 mg<sup>1</sup>.</p>			
Meal replacement for weight control	Substituting two of the main daily meals of an energy	In order to bear the claim, a food should comply with	In order to bear the claim, information shall be	2010; 8(2):1466 2015; 13(11):4287	1417]

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restricted diet with meal replacements contributes to weight loss	the following requirements:	provided to the consumer
	<p>1. <b>Energy content</b></p> <p>The energy content shall not be less than 200 kcal (840 kJ) and shall not exceed 250 kcal (1 046 KJ) per meal<sup>h</sup>.</p>	<p>on the importance of maintaining an adequate daily fluid intake and on the fact that the products are useful for the intended use only as part of an energy-</p>
	<p>2. <b>Fat content and composition</b></p> <p>The energy derived from fat shall not exceed 30 % of total available energy content of the product. The linoleic acid (in the form of glycerides) shall not be less than 1 g.</p>	<p>restricted diet and that other foodstuffs should be a necessary part of such diet. In order to achieve the claimed effect, two of the main daily meals should be substituted with meal replacements daily.</p>
	<p>3. <b>Protein content and composition</b></p> <p>The protein contained in the food shall provide not less than 25 % and not more than 50 % of the total energy content of the product. The chemical index of protein shall</p>	

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be equal to that set by the World Health Organization in 'Energy and protein requirements'. Report of a Joint WHO/FAO/UNU Meeting. Geneva: World Health Organisation, 1985 (WHO Technical Report Series, 724):
<i>AMINO ACID REQUIREMENT PATTERN (G/100 G PROTEIN)</i>
Cystine 1,7 + methionine
Histidine 6
Isoleucine 3
Leucine 9
Lysine 1,6
Phenylalanine + tyrosine
Threonine 9
Tryptophan 1,5
Valine 1,3
The 'chemical index' shall mean the lowest of the ratios between the quantity of

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	<p>each essential amino acid of the test protein in and the quantity of each corresponding amino acid of the reference protein. If the chemical index is lower than 100 % of the reference protein, the minimum protein levels shall be correspondingly increased.</p>		
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In any case the chemical index of the protein shall at least be equal to 80 % of that of the reference protein.

In all cases, the addition of amino acids is permitted solely for the purpose of improving the nutritional value of the proteins, and only in the proportions necessary for that purpose.

4. **Vitamins and minerals**

The food shall provide at least 30 % of the

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		<p>amounts of the nutrient reference values of vitamins and minerals per meal as laid down Annex XIII to Regulation (EU) No 1169/2011. This requirement does not apply to fluoride, chromium, chloride and molybdenum. The amount of sodium per meal provided by the food shall be at least 172,5 mg. The amount of potassium per meal provided by the food shall be at least 500 mg<sup>i</sup>.</p>		
Meat or fish	Meat or fish contributes to the improvement of iron absorption when eaten with other foods containing iron	The claim may be used only for food which contains at least 50 g of meat or fish in a single quantified portion. In order to bear the claim information shall be given to the consumer that the beneficial effect is		2011;9(4):20401223



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		obtained by consuming 50 g of meat or fish together with food(s) containing non-haem iron.			
Melatonin	Melatonin contributes to the alleviation of subjective feelings of jet lag	The claim may be used only for food which contains at least 0,5 mg of melatonin per quantified portion. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a minimum intake of 0,5 mg to be taken close to bedtime on the first day of travel and on the following few days after arrival at the destination.		2010; 8(2):1467	1953
Melatonin	Melatonin contributes to the reduction of time taken to fall asleep	The claim may be used only for food which contains 1 mg of melatonin per quantified portion. In order to bear the claim, information shall be given to the consumer that		2011;9(6):2241	1698, 1780, 4080

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		the beneficial effect is obtained by consuming 1 mg of melatonin close to bedtime.		
Molybdenum	Molybdenum contributes to normal sulphur amino acid metabolism	The claim may be used only for food which is at least a source of molybdenum as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):174313
Monascus purpureus (red yeast rice)	Monacolin K from red yeast rice contributes to the maintenance of normal blood cholesterol levels	The claim may be used only for food which provides a daily intake of 10 mg of monacolin K from red yeast rice. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 10 mg of monacolin K from fermented		2011;9(7):23041648, 1700

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		red yeast rice preparations.		
Monounsaturated and/or polyunsaturated fatty acids	Replacing saturated fats with unsaturated fats in the diet contributes to the maintenance of normal blood cholesterol levels [MUFA and PUFA are unsaturated fats]	The claim may be used only for food which is high in unsaturated fatty acids, as referred to in the claim HIGH UNSATURATED FAT as listed in the Annex to Regulation (EC) No 1924/2006.		2011;9(4):2069621, 1190, 2011;9(6):22031203, 2906, 2910, 3065 674, 4335
[ <sup>F3</sup> Native chicory inulin	Chicory inulin contributes to normal bowel function by increasing stool frequency*	Information shall be provided to the consumer that the beneficial effect is obtained with a daily intake of 12 g chicory inulin. The claim can be used only for food which provides at least a daily intake of 12 g of native chicory inulin, a non-fractionated mixture of monosaccharides (< 10 %), disaccharides, inulin-type fructans and inulin extracted from chicory, with a mean degree of		2015;13(1):395]

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		polymerisation ≥ 9.			
Niacin	Niacin contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of niacin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1224 2010;8(10):1757	43, 49, 54, 51
Niacin	Niacin contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of niacin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1224	44, 53
Niacin	Niacin contributes to normal psychological function	The claim may be used only for food which is at least a source of niacin as referred to in the claim SOURCE OF [NAME OF VITAMIN/		2010;8(10):1757	

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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Niacin	Niacin contributes to the maintenance of normal mucous membranes	The claim may be used only for food which is at least a source of niacin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1224	45, 52, 4700
Niacin	Niacin contributes to the maintenance of normal skin	The claim may be used only for food which is at least a source of niacin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1224 2010;8(10):1757	45, 48, 50, 52, 4700
Niacin	Niacin contributes to the reduction of tiredness and fatigue	The claim may be used only for food which is at least a source		2010;8(10):1757	

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		of niacin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		
[ <sup>F11</sup> Non-digestible carbohydrates	Consumption of foods/drinks containing <name of all used non-digestible carbohydrates> instead of sugars induces a lower blood glucose rise after their consumption compared to sugar-containing foods/drinks.	In order to bear the claim, sugars should be replaced in foods or drinks by non-digestible carbohydrates, which are carbohydrates neither digested nor absorbed in the small intestine, so that foods or drinks contain reduced amounts of sugars by at least the amount referred to in the claim REDUCED [NAME OF NUTRIENT] as listed in the Annex to Regulation (EC) No 1924/2006.		2014;12(1):3513 2014;12(10):3838 2014;12(10):3839
Non-fermentable carbohydrates	Consumption of foods/drinks containing	In order to bear the claim, fermentable		2013;11(7):3329

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<p>&lt;name of all used non-fermentable carbohydrates&gt; instead of fermentable carbohydrates contributes to the maintenance of tooth mineralisation.</p>	<p>carbohydrates (1**) should be replaced in foods or drinks by non-fermentable carbohydrates (2***) in such amounts that consumption of such foods or drinks does not lower plaque pH below 5,7 during and up to 30 minutes after consumption.</p>		
	<p>(1**) Fermentable carbohydrates are defined as carbohydrates or carbohydrate mixtures as consumed in foods or beverages that lower plaque pH below 5,7, as determined <i>in vivo</i> or <i>in situ</i> by plaque pH telemetry tests,</p>		

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by  
bacterial  
fermentation  
during  
and  
up  
to  
30  
minutes  
after  
consumption.

(<sup>2\*\*\*</sup>) Non-fermentable carbohydrates are defined as carbohydrates or carbohydrate mixtures as consumed in foods or beverages that do not lower plaque pH, as determined *in vivo* or *in situ* by plaque pH telemetry tests, below a conservative value of 5,7 by bacterial



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		fermentation during and up to 30 minutes after consumption.		
Oat grain fibre	Oat grain fibre contributes to an increase in faecal bulk	The claim may be used only for food which is high in that fibre as referred to in the claim HIGH FIBRE as listed in the Annex to Regulation (EC) No 1924/2006.		2011;9(6):2249 822
Oleic acid	Replacing saturated fats in the diet with unsaturated fats contributes to the maintenance of normal blood cholesterol levels. Oleic acid is an unsaturated fat.	The claim may be used only for food which is high in unsaturated fatty acids, as referred to in the claim HIGH UNSATURATED FAT as listed in the Annex to Regulation (EC) No 1924/2006.		2011;9(4):2043 673, 728, 729, 1302, 4334
Olive oil polyphenols	Olive oil polyphenols contribute to the protection of blood lipids from oxidative stress	The claim may be used only for olive oil which contains at least 5 mg of hydroxytyrosol and its derivatives (e.g. oleuropein complex and tyrosol)		2011;9(4):2033 1333, 1638, 1639, 1696, 2865

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		per 20 g of olive oil. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 20 g of olive oil.			
Pantothenic Acid	Pantothenic acid contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of pantothenic acid as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1218	56, 59, 60, 64, 171, 172, 208
Pantothenic Acid	Pantothenic acid contributes to normal synthesis and metabolism of steroid hormones, vitamin D and some neurotransmitters	The claim may be used only for food which is at least a source of pantothenic acid as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed		2009; 7(9):1218	181

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		in the Annex to Regulation (EC) No 1924/2006.			
Pantothenic Acid	Pantothenic acid contributes to the reduction of tiredness and fatigue	The claim may be used only for food which is at least a source of pantothenic acid as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):175	83
Pantothenic Acid	Pantothenic acid contributes to normal mental performance	The claim may be used only for food which is at least a source of pantothenic acid as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1218 2010;8(10):175	57, 58
Pectins	Pectins contribute to the maintenance of normal	The claim may be used only for food which provides a	Warning of choking to be given for people with swallowing	2010;8(10):174	818, 4236

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	blood cholesterol levels	daily intake of 6 g of pectins. In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 6 g of pectins.	difficulties or when ingesting with inadequate fluid intake — advice on taking with plenty of water to ensure substance reaches stomach.		
Pectins	Consumption of pectins with a meal contributes to the reduction of the blood glucose rise after that meal	The claim may be used only for food which contains 10 g of pectins per quantified portion. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained by consuming 10 g of pectins as part of the meal.	Warning of choking to be given for people with swallowing difficulties or when ingesting with inadequate fluid intake — advice on taking with plenty of water to ensure substance reaches stomach.	2010;8(10):174786	
Phosphorus	Phosphorus contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of phosphorus as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF		2009;7(9):1219	329, 373

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		MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Phosphorus	Phosphorus contributes to normal function of cell membranes	The claim may be used only for food which is at least a source of phosphorus as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1219	328
Phosphorus	Phosphorus contributes to the maintenance of normal bones	The claim may be used only for food which is at least a source of phosphorus as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1219	324, 327
Phosphorus	Phosphorus contributes to the maintenance of normal teeth	The claim may be used only for food which is at least a source of phosphorus as referred to		2009; 7(9):1219	324, 327

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		in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Plant sterols and plant stanols	Plant sterols/ stanols contribute to the maintenance of normal blood cholesterol levels	In order to bear the claim information shall be given to the consumer that the beneficial effect is obtained with a daily intake of at least 0,8 g of plant sterols/ stanols.		2010;8(10):181 2011;9(6):2203	349, 550, 567, 713, 1234, 1235, 1466, 1634, 1984, 2909, 3140 568
Potassium	Potassium contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of potassium as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010; 8(2):1469	386
Potassium	Potassium contributes to normal muscle function	The claim may be used only for food which is at least a source of potassium		2010; 8(2):1469	320

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		as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Potassium	Potassium contributes to the maintenance of normal blood pressure	The claim may be used only for food which is at least a source of potassium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010; 8(2):1469	321
Protein	Protein contributes to a growth in muscle mass	The claim may be used only for food which is at least a source of protein as referred to in the claim SOURCE OF PROTEIN as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181 2011;9(6):2203	#15, 417, 593, 594, 595, 715 1398
Protein	Protein contributes to the maintenance	The claim may be used only for food which is at		2010;8(10):181 2011;9(6):2203	#15, 417, 593, 594, 595, 715 1398

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	of muscle mass	least a source of protein as referred to in the claim SOURCE OF PROTEIN as listed in the Annex to Regulation (EC) No 1924/2006.			
Protein	Protein contributes to the maintenance of normal bones	The claim may be used only for food which is at least a source of protein as referred to in the claim SOURCE OF PROTEIN as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181#16 2011;9(6):22034704	
[ <sup>F1</sup> Reformulated non-alcoholic, acidic drink with: — less than 1 g fermentable carbohydrate per 100 ml (sugars and other carbohydrates except polyols), calcium in a range from 0,3 to 0,8	Replacing sugar-containing, acidic drinks, such as soft drinks (typically 8-12 g sugars/100 ml) with reformulated drinks contributes to the maintenance of tooth hydration <sup>c</sup>	In order to bear the claim, reformulated acidic drinks shall comply with the description of the food subject to the claim	—	2010;8(12):1884-]	



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—	mol per mol acidulant, display of pH between 3,7-4,0.				
Resistant starch	Replacing digestible starches with resistant starch in a meal contributes to a reduction in the blood glucose rise after that meal.	The claim may be used only for food in which digestible starch has been replaced by resistant starch so that the final content of resistant starch is at least 14 % of total starch.		2011;9(4):2024	681
Riboflavin (Vitamin B2)	Riboflavin contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of riboflavin as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181	29, 35, 36, 42
Riboflavin (Vitamin B2)	Riboflavin contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of riboflavin as referred to in the claim		2010;8(10):181	213

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		SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		
Riboflavin (Vitamin B2)	Riboflavin contributes to the maintenance of normal mucous membranes	The claim may be used only for food which is at least a source of riboflavin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):18131
Riboflavin (Vitamin B2)	Riboflavin contributes to the maintenance of normal red blood cells	The claim may be used only for food which is at least a source of riboflavin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):18140
Riboflavin (Vitamin B2)	Riboflavin contributes	The claim may be used		2010;8(10):18131, 33

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	to the maintenance of normal skin	only for food which is at least a source of riboflavin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		
Riboflavin (Vitamin B2)	Riboflavin contributes to the maintenance of normal vision	The claim may be used only for food which is at least a source of riboflavin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):18139
Riboflavin (Vitamin B2)	Riboflavin contributes to the normal metabolism of iron	The claim may be used only for food which is at least a source of riboflavin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex		2010;8(10):18140, 37

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		to Regulation (EC) No 1924/2006.		
Riboflavin (Vitamin B2)	Riboflavin contributes to the protection of cells from oxidative stress	The claim may be used only for food which is at least a source of riboflavin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181207
Riboflavin (Vitamin B2)	Riboflavin contributes to the reduction of tiredness and fatigue	The claim may be used only for food which is at least a source of riboflavin as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):18141
Rye fibre	Rye fibre contributes to normal bowel function	The claim may be used only for food which is high in that fibre as referred to in the claim HIGH FIBRE as listed in the Annex to		2011;9(6):2258825

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		Regulation (EC) No 1924/2006.			
Selenium	Selenium contributes to normal spermatogenesis	The claim may be used only for food which is at least a source of selenium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1220	396
Selenium	Selenium contributes to the maintenance of normal hair	The claim may be used only for food which is at least a source of selenium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):172281	
Selenium	Selenium contributes to the maintenance of normal nails	The claim may be used only for food which is at least a source of selenium as referred to in the claim SOURCE OF [NAME OF		2010;8(10):172281	

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		VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Selenium	Selenium contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of selenium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1220 2010;8(10):1727	278, 1750
Selenium	Selenium contributes to the normal thyroid function	The claim may be used only for food which is at least a source of selenium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):1727 2009; 7(9):1220	279, 282, 286, 410, 1289, 1290, 1291, 1292, 1293
Selenium	Selenium contributes to the protection of cells from	The claim may be used only for food which is at		2009; 7(9):1220 2010;8(10):1727	277, 283, 286, 1289, 1290, 1291,

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	oxidative stress	least a source of selenium as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			1293, 1751, 410, 1292
[ <sup>F1</sup> Slowly digestible starch	Consumption of products high in slowly digestible starch (SDS) raises blood glucose concentration less after a meal compared to products low in SDS <sup>d</sup>	The claim may be used only on food where the digestible carbohydrates provide at least 60 % of the total energy and where at least 55 % of those carbohydrates is digestible starch, of which at least 40 % is SDS	—	2011;9(7):2292	—]
[ <sup>F12</sup> Sugar beet fibre	Sugar beet fibre contributes to an increase in faecal bulk	The claim may be used only for food which is high in that fibre as referred to in the claim HIGH FIBRE as listed in the Annex to Regulation (EC) No 1924/2006.		2011;9(12):246	§
Sugar replacers, i.e. intense sweeteners; xylitol, sorbitol,	Consumption of foods/drinks containing <name of sugar	In order to bear the claim, sugars should be replaced in foods		2011;9(4):2076 2011;9(6):2229	617, 619, 669, 1590, 1762, 2903, 2908, 2920 4298

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mannitol, maltitol, lactitol, isomalt, erythritol, sucralose and polydextrose; D-tagatose and isomaltulose	replacer> instead of sugar <sup>a</sup> induces a lower blood glucose rise after their consumption compared to sugar-containing foods/drinks	or drinks by sugar replacers, i.e. intense sweeteners, xylitol, sorbitol, mannitol, maltitol, lactitol, isomalt, erythritol, sucralose or polydextrose, or a combination of them, so that foods or drinks contain reduced amounts of sugars by at least the amount referred to in the claim REDUCED [NAME OF NUTRIENT] as listed in the Annex to Regulation (EC) No 1924/2006. In the case of D-tagatose and isomaltulose, they should replace equivalent amounts of other sugars in the same proportion as that referred to in the claim REDUCED [NAME OF NUTRIENT] as listed in the Annex to		
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		Regulation (EC) No 1924/2006.		
Sugar replacers, i.e. intense sweeteners; xylitol, sorbitol, mannitol, maltitol, lactitol, isomalt, erythritol, sucralose and polydextrose; D-tagatose and isomaltulose	Consumption of foods/ drinks containing <name of sugar replacer> instead of sugar <sup>b</sup> contributes to the maintenance of tooth mineralisation	In order to bear the claim, sugars should be replaced in foods or drinks (which reduce plaque pH below 5.7) by sugar replacers, i.e. intense sweeteners, xylitol, sorbitol, mannitol, maltitol, lactitol, isomalt, erythritol, D-tagatose, isomaltulose, sucralose or polydextrose, or a combination of them, in amounts such that consumption of such foods or drinks does not lower plaque pH below 5.7 during and up to 30 minutes after consumption		2011;9(4):2076463, 464, 2011;9(6):2229563, 618, 647, 1182, 1591, 2907, 2921, 4300 1134, 1167, 1283
Sugar-free chewing gum	Sugar-free chewing gum contributes to the maintenance of tooth mineralization	The claim may be used only for chewing gum which complies with the conditions of use for the nutrition claim		2009; 7(9):1271 1151, 1154 486, 562, 2011;9(4):20721181 2011;9(6):2266

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		SUGARS FREE as listed in the Annex to Regulation (EC) No 1924/2006. Information shall be given to the consumer that the beneficial effect is obtained with chewing, for at least 20 minutes, after eating or drinking.			
Sugar-free chewing gum	Sugar-free chewing gum contributes to the neutralisation of plaque acids	The claim may be used only for chewing gum which complies with the conditions of use for the nutrition claim SUGARS FREE as listed in the Annex to Regulation (EC) No 1924/2006. Information shall be given to the consumer that the beneficial effect is obtained with chewing, for at least 20 minutes, after eating or drinking.		2009; 7(9):1271 2011;6(6):2266	1150 485
Sugar-free chewing gum	Sugar-free chewing gum contributes to the reduction	The claim may be used only for chewing		2009; 7(9):1271	1240

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	of oral dryness	gum which complies with the conditions of use for the nutrition claim SUGARS FREE as listed in the Annex to Regulation (EC) No 1924/2006. Information shall be given to the consumer that the beneficial effect is obtained with use of the chewing gum whenever the mouth feels dry.		
Sugar-free chewing gum with carbamide	Sugar-free chewing gum with carbamide neutralises plaque acids more effectively than sugar-free chewing gums without carbamide	The claim may be used only for chewing gum which complies with the conditions of use for the nutrition claim SUGARS FREE as listed in the Annex to Regulation (EC) No 1924/2006. In order to bear the claim each piece of sugar-free chewing gum should contain at least 20 mg carbamide. Information		2011;9(4):2071 1153

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		shall be given to the consumer that gum should be chewed for at least 20 minutes after eating or drinking.			
Thiamine	Thiamine contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of thiamine as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1222	21, 24, 28
Thiamine	Thiamine contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of thiamine as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1222	22, 27
Thiamine	Thiamine contributes to normal	The claim may be used only for food which is at		2010;8(10):175205	

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	psychological function	least a source of thiamine as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Thiamine	Thiamine contributes to the normal function of the heart	The claim may be used only for food which is at least a source of thiamine as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1222	20
Vitamin A	Vitamin A contributes to normal iron metabolism	The claim may be used only for food which is at least a source of vitamin A as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2009; 7(9):1221	206

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		(EC) No 1924/2006.			
Vitamin A	Vitamin A contributes to the maintenance of normal mucous membranes	The claim may be used only for food which is at least a source of vitamin A as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1221 2010;8(10):1754	15, 4702
Vitamin A	Vitamin A contributes to the maintenance of normal skin	The claim may be used only for food which is at least a source of vitamin A as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1221 2010;8(10):1754	15, 17, 4660, 4702
Vitamin A	Vitamin A contributes to the maintenance of normal vision	The claim may be used only for food which is at least a source of vitamin A as referred to in the claim SOURCE OF [NAME OF VITAMIN/S]		2009; 7(9):1221 2010;8(10):1754	16, 4239, 4701

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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Vitamin A	Vitamin A contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of vitamin A as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1222 2011;9(4):2021	14, 200, 1462
Vitamin A	Vitamin A has a role in the process of cell specialisation	The claim may be used only for food which is at least a source of vitamin A as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1221	14
Vitamin B12	Vitamin B12 contributes to normal energy-	The claim may be used only for food which is at least		2009; 7(9):1223	99, 190

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	yielding metabolism	a source of vitamin B12 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		
Vitamin B12	Vitamin B12 contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of vitamin B12 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):41195, 97, 98, 100, 102, 109
Vitamin B12	Vitamin B12 contributes to normal homocysteine metabolism	The claim may be used only for food which is at least a source of vitamin B12 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex		2010;8(10):41196, 103, 106



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		to Regulation (EC) No 1924/2006.			
Vitamin B12	Vitamin B12 contributes to normal psychological function	The claim may be used only for food which is at least a source of vitamin B12 as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):411	95, 97, 98, 100, 102, 109
Vitamin B12	Vitamin B12 contributes to normal red blood cell formation	The claim may be used only for food which is at least a source of vitamin B12 as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1223	92, 101
Vitamin B12	Vitamin B12 contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of vitamin B12 as referred to		2009; 7(9):1223	107

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		in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		
Vitamin B12	Vitamin B12 contributes to the reduction of tiredness and fatigue	The claim may be used only for food which is at least a source of vitamin B12 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):411408
Vitamin B12	Vitamin B12 has a role in the process of cell division	The claim may be used only for food which is at least a source of vitamin B12 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2009; 7(9):1223 2010;8(10):1756 93, 212

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		(EC) No 1924/2006.			
Vitamin B6	Vitamin B6 contributes to normal cysteine synthesis	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):1754283	
Vitamin B6	Vitamin B6 contributes to normal energy-yielding metabolism	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):17595, 214	
Vitamin B6	Vitamin B6 contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/		2009; 7(9):1225	66

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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Vitamin B6	Vitamin B6 contributes to normal homocysteine metabolism	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):175	93, 76, 199
Vitamin B6	Vitamin B6 contributes to normal protein and glycogen metabolism	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1225	65, 70, 71
Vitamin B6	Vitamin B6 contributes to normal psychological function	The claim may be used only for food which is at least a source		2010;8(10):175	97

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		of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Vitamin B6	Vitamin B6 contributes to normal red blood cell formation	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1225	67, 72, 186
Vitamin B6	Vitamin B6 contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2009; 7(9):1225	68

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		(EC) No 1924/2006.			
Vitamin B6	Vitamin B6 contributes to the reduction of tiredness and fatigue	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):17598	
Vitamin B6	Vitamin B6 contributes to the regulation of hormonal activity	The claim may be used only for food which is at least a source of vitamin B6 as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1225	69
Vitamin C	Vitamin C contributes to maintain the normal function of the immune system during and after intense physical exercise	The claim may be used only for food which provides a daily intake of 200 mg vitamin C. In order to bear the claim information		2009; 7(9):1226	144

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		shall be given to the consumer that the beneficial effect is obtained with a daily intake of 200 mg in addition to the recommended daily intake of vitamin C.			
Vitamin C	Vitamin C contributes to normal collagen formation for the normal function of blood vessels	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226	130, 131, 149
Vitamin C	Vitamin C contributes to normal collagen formation for the normal function of bones	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226	131, 149

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Vitamin C	Vitamin C contributes to normal collagen formation for the normal function of cartilage	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226	131, 149
Vitamin C	Vitamin C contributes to normal collagen formation for the normal function of gums	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226	131, 136, 149
Vitamin C	Vitamin C contributes to normal collagen formation for the normal function of skin	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF		2009; 7(9):1226	131, 137, 149



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		MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Vitamin C	Vitamin C contributes to normal collagen formation for the normal function of teeth	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226	131, 149
Vitamin C	Vitamin C contributes to normal energy- yielding metabolism	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226 2010;8(10):1815	135, 2334, 3196
Vitamin C	Vitamin C contributes to normal functioning of the nervous system	The claim may be used only for food which is at least a source of vitamin C as referred to		2009; 7(9):1226	133

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		in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Vitamin C	Vitamin C contributes to normal psychological function	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):1815	40
Vitamin C	Vitamin C contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226 2010;8(10):1815	134, 4321

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Vitamin C	Vitamin C contributes to the protection of cells from oxidative stress	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226 2010;8(10):181	129, 138, 143, 148, 331
Vitamin C	Vitamin C contributes to the reduction of tiredness and fatigue	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181	339, 2622
Vitamin C	Vitamin C contributes to the regeneration of the reduced form of vitamin E	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF		2010;8(10):181	202

**Changes to legislation:** There are outstanding changes not yet made to Commission Regulation (EU) No 432/2012. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

		MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Vitamin C	Vitamin C increases iron absorption	The claim may be used only for food which is at least a source of vitamin C as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1226	132, 147
Vitamin D	Vitamin D contributes to normal absorption/ utilisation of calcium and phosphorus	The claim may be used only for food which is at least a source of vitamin D as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1227	152, 157, 215
Vitamin D	Vitamin D contributes to normal blood calcium levels	The claim may be used only for food which is at least a source of vitamin D as referred to		2009; 7(9):1227 2011;9(6):2203	152, 157 215

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		in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Vitamin D	Vitamin D contributes to the maintenance of normal bones	The claim may be used only for food which is at least a source of vitamin D as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1227	150, 151, 158, 350
Vitamin D	Vitamin D contributes to the maintenance of normal muscle function	The claim may be used only for food which is at least a source of vitamin D as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010; 8(2):1468	155

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Vitamin D	Vitamin D contributes to the maintenance of normal teeth	The claim may be used only for food which is at least a source of vitamin D as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1227	151, 158
Vitamin D	Vitamin D contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of vitamin D as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010; 8(2):1468	154, 159
Vitamin D	Vitamin D has a role in the process of cell division	The claim may be used only for food which is at least a source of vitamin D as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF		2009; 7(9):1227	153

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		MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Vitamin E	Vitamin E contributes to the protection of cells from oxidative stress	The claim may be used only for food which is at least a source of vitamin E as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181660, 162, 1947	
Vitamin K	Vitamin K contributes to normal blood clotting	The claim may be used only for food which is at least a source of vitamin K as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7 (9):1228	124, 126
Vitamin K	Vitamin K contributes to the maintenance of normal bones	The claim may be used only for food which is at least a source of vitamin K as referred to		2009; 7 (9):1228	123, 127, 128, 2879

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		in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Walnuts	Walnuts contribute to the improvement of the elasticity of blood vessels	The claim may be used only for food which provides a daily intake of 30 g of walnuts. In order to bear the claim, information shall be given to the consumer that the beneficial effect is obtained with a daily intake of 30 g of walnuts.		2011;9(4):2074	1155, 1157
Water	Water contributes to the maintenance of normal physical and cognitive functions	In order to bear the claim, information shall be given to the consumer that in order to obtain the claimed effect, at least 2,0 L of water, from all sources, should be consumed per day.	The claim may be used only on water complying with Directives 2009/54/EC and/or 98/83/EC	2011;9(4):2075	1102, 1209, 1294, 1331
Water	Water contributes	In order to bear	The claim may be used	2011;9(4):2075	1208



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	to the maintenance of normal regulation of the body's temperature	the claim, information shall be given to the consumer that in order to obtain the claimed effect, at least 2,0 L of water, from all sources, should be consumed per day.	only on water complying with Directives 2009/54/EC and/or 98/83/EC		
Wheat bran fibre	Wheat bran fibre contributes to an acceleration of intestinal transit	The claim may be used only for food which is high in that fibre as referred to in the claim HIGH FIBRE as listed in the Annex to Regulation (EC) No 1924/2006. In order to bear the claim information shall be given to the consumer that the claimed effect is obtained with a daily intake of at least 10 g of wheat bran fibre.		2010;8(10):181	828, 839, 3067, 4699
Wheat bran fibre	Wheat bran fibre contributes to an increase in faecal bulk	The claim may be used only for food which is high in that fibre as referred to in the claim HIGH FIBRE as listed in the Annex to Regulation		2010;8(10):181	3066

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		(EC) No 1924/2006.			
Zinc	Zinc contributes to normal acid-base metabolism	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1229	360
Zinc	Zinc contributes to normal carbohydrate metabolism	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181	982
Zinc	Zinc contributes to normal cognitive function	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/		2009; 7(9):1229	296

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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Zinc	Zinc contributes to normal DNA synthesis	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181	292, 293, 1759
Zinc	Zinc contributes to normal fertility and reproduction	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1229	297, 300
Zinc	Zinc contributes to normal macronutrient metabolism	The claim may be used only for food which is at least a source		2010;8(10):181	2890

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		of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Zinc	Zinc contributes to normal metabolism of fatty acids	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1229	302
Zinc	Zinc contributes to normal metabolism of vitamin A	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2009; 7(9):1229	361

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		(EC) No 1924/2006.			
Zinc	Zinc contributes to normal protein synthesis	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181	293, 4293
Zinc	Zinc contributes to the maintenance of normal bones	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1229	295, 1756
Zinc	Zinc contributes to the maintenance of normal hair	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/		2010;8(10):181	412

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		S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Zinc	Zinc contributes to the maintenance of normal nails	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181	912
Zinc	Zinc contributes to the maintenance of normal skin	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/ S] AND/OR [NAME OF MINERAL/ S] as listed in the Annex to Regulation (EC) No 1924/2006.		2010;8(10):181	993
Zinc	Zinc contributes to the maintenance of normal	The claim may be used only for food which is at least a source		2010;8(10):181	901

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	testosterone levels in the blood	of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.			
Zinc	Zinc contributes to the maintenance of normal vision	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1229	361
Zinc	Zinc contributes to the normal function of the immune system	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation		2009; 7(9):1229	291, 1757

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		(EC) No 1924/2006.			
Zinc	Zinc contributes to the protection of cells from oxidative stress	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1229	294, 1758
Zinc	Zinc has a role in the process of cell division	The claim may be used only for food which is at least a source of zinc as referred to in the claim SOURCE OF [NAME OF VITAMIN/S] AND/OR [NAME OF MINERAL/S] as listed in the Annex to Regulation (EC) No 1924/2006.		2009; 7(9):1229	292, 293, 1759

**a** In the case of D-tagatose and isomaltulose this should read ‘other sugars’

**b** In the case of D-tagatose and isomaltulose this should read ‘other sugars’

**c** [<sup>F1</sup>Authorised on 24.9.2013 restricted to the use of GlaxoSmithKline Services Unlimited and its affiliates, GSK House, 980 Great West Road, Brentford, TW89GS, United Kingdom, for a period of five years.]

**d** Authorised on 24.9.2013 restricted to the use of Mondelēz International group, Three Parkway North Deerfield, IL 60015, United States of America, for a period of five years.]

**e** [<sup>F2</sup>Authorised on 24 September 2013 restricted to the use of Barry Callebaut Belgium NV, Aalstersestraat 122, B-9280 Lebbeke-Wieze, Belgium, for a period of five years.]

**f** Authorised on 21 April 2015 restricted to the use of Barry Callebaut Belgium NV, Aalstersestraat 122, B-9280 Lebbeke-Wieze, Belgium, for a period of five years.]



**Changes to legislation:** There are outstanding changes not yet made to Commission Regulation (EU) No 432/2012. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

- g** [<sup>F3</sup>Authorised on 1 January 2016 restricted to the use of BENE0-Orafti S.A., Rue L. Maréchal 1, B-4360 Oreye, Belgium, for a period of five years.]
- h** From 21 July 2016 until 14 September 2019 the energy content of the food shall not be less than 200 kcal (840 kJ) and shall not exceed 400 kcal (1 680 kJ).
- i** From 21 July 2016 until 14 September 2019 the food shall provide at least 30 % of the amounts of vitamins and minerals specified in the below Table per meal:

Vitamin A	(µg RE)	700
Vitamin D	(µg)	5
Vitamin E	(mg)	10
Vitamin C	(mg)	45
Thiamine	(mg)	1,1
Riboflavin	(mg)	1,6
Niacin	(mg-NE)	18
Vitamin B <sub>6</sub>	(mg)	1,5
Folate	(µg)	200
Vitamin B <sub>12</sub>	(µg)	1,4
Biotin	(µg)	15
Pantothenic acid	(mg)	3
Calcium	(mg)	700
Phosphorus	(mg)	550
Iron	(mg)	16
Zinc	(mg)	9,5
Copper	(mg)	1,1
Iodine	(µg)	130
Selenium	(µg)	55
Sodium	(mg)	575
Magnesium	(mg)	150
Manganese	(mg)	1

From 21 July 2016 until 14 September 2019 the amount of potassium per meal provided by the food shall be at least 500 mg.]

- j** [<sup>F5</sup>Repetition maximum load is the maximum weight or force an individual can exert in a single lift.]

### Textual Amendments

- F1** Inserted by [Commission Regulation \(EU\) No 851/2013 of 3 September 2013 authorising certain health claims made on foods, other than those referring to the reduction of disease risk and to children's development and health and amending Regulation \(EU\) No 432/2012 \(Text with EEA relevance\)](#).
- F2** Substituted by [Commission Regulation \(EU\) 2015/539 of 31 March 2015 authorising a health claim made on foods, other than those referring to the reduction of disease risk and to children's development and health and amending Regulation \(EU\) No 432/2012 \(Text with EEA relevance\)](#).
- F3** Inserted by [Commission Regulation \(EU\) 2015/2314 of 7 December 2015 authorising a health claim made on foods, other than those referring to the reduction of disease risk and to children's development and health and amending Regulation \(EU\) No 432/2012 \(Text with EEA relevance\)](#).

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- F4** Inserted by Commission Regulation (EU) 2016/1413 of 24 August 2016 amending Regulation (EU) No 432/2012 establishing a list of permitted health claims made on foods other than those referring to the reduction of disease risk and to children's development and health (Text with EEA relevance).
- F5** Inserted by Commission Implementing Regulation (EU) 2017/672 of 7 April 2017 authorising a health claim made on foods, other than those referring to the reduction of disease risk and to children's development and health and amending Regulation (EU) No 432/2012 (Text with EEA relevance).
- F6** Inserted by Commission Regulation (EU) No 536/2013 of 11 June 2013 amending Regulation (EU) No 432/2012 establishing a list of permitted health claims made on foods other than those referring to the reduction of disease risk and to children's development and health (Text with EEA relevance).
- F7** Inserted by Commission Regulation (EU) No 1018/2013 of 23 October 2013 amending Regulation (EU) No 432/2012 establishing a list of permitted health claims made on foods other than those referring to the reduction of disease risk and to children's development and health (Text with EEA relevance).
- F8** Inserted by Commission Regulation (EU) 2015/7 of 6 January 2015 authorising a health claim made on foods, other than those referring to the reduction of disease risk and to children's development and health and amending Regulation (EU) No 432/2012 (Text with EEA relevance).
- F9** Inserted by Commission Implementing Regulation (EU) 2017/676 of 10 April 2017 authorising a health claim made on foods, other than those referring to the reduction of disease risk and to children's development and health and amending Regulation (EU) No 432/2012 (Text with EEA relevance).
- F10** Substituted by Commission Regulation (EU) 2016/1413 of 24 August 2016 amending Regulation (EU) No 432/2012 establishing a list of permitted health claims made on foods other than those referring to the reduction of disease risk and to children's development and health (Text with EEA relevance).
- F11** Inserted by Commission Implementing Regulation (EU) 2016/854 of 30 May 2016 authorising certain health claims made on foods, other than those referring to the reduction of disease risk and to children's development and health and amending Regulation (EU) No 432/2012 (Text with EEA relevance).
- F12** Inserted by Commission Regulation (EU) No 40/2014 of 17 January 2014 authorising a health claim made on foods, other than those referring to the reduction of disease risk and to children's development and health and amending Regulation (EU) No 432/2012 (Text with EEA relevance).

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- (1) [OJ L 404, 30.12.2006, p. 9.](#)
- (2) <http://www.efsa.europa.eu/en/ndaclaims13/docs/ndaclaims13.zip>
- (3) <http://www.efsa.europa.eu/en/topics/topic/article13.htm>
- (4) [http://ec.europa.eu/food/food/labellingnutrition/claims/index\\_en.htm](http://ec.europa.eu/food/food/labellingnutrition/claims/index_en.htm)
- (5) Corresponding to entries ID 670 and ID 2902 in the consolidated list.
- (6) Corresponding to entry ID 359 in the consolidated list.

**Changes to legislation:**

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**Changes and effects yet to be applied to :**

- Annex words inserted by S.I. 2019/651, reg. 46(4)(a) (as inserted) by [S.I. 2020/1476 reg. 6\(6\)](#)
- Annex words inserted by S.I. 2019/651, reg. 46(4)(b) (as inserted) by [S.I. 2020/1476 reg. 6\(6\)](#)
- Annex words inserted by S.I. 2019/651, reg. 46(4)(c) (as inserted) by [S.I. 2020/1476 reg. 6\(6\)](#)
- Annex words inserted by S.I. 2019/651, reg. 46(4)(d) (as inserted) by [S.I. 2020/1476 reg. 6\(6\)](#)
- Art. 1(1) words substituted by [S.I. 2019/651 reg. 46\(2\)](#)
- Art. 2 omitted by [S.I. 2019/651 reg. 46\(3\)](#)