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## ANNEX

### Substance **Category of food** Food for Total diet Infant Processed formula cerealspecial replacement and based medical for follow on food and purposes weight formula baby control food Vitamins Vitamin A Х Х Х retinol Х Х Х Х retinyl Х acetate Х Х Х Х retinyl palmitate Х Х Х betacarotene Vitamin D Х ergocalciferoIX Х Х Х cholecalciferoX Х Х Vitamin E D-alpha Х Х Х Х tocopherol Х DL-alpha Х Х Х tocopherol Х Х Х Х D-alpha tocopheryl acetate Х Х Х Х DL-alpha tocopheryl acetate Х Х D-alphatocopheryl acid succinate Х D-alphatocophervl polyethylene glycol-1000 succinate (TPGS)

# UNION LIST AS REFERRED TO IN ARTICLE 15(1)

Vitamin K					
	phylloquinor (phytomenad	n& lione)	X	X	X
	Menaquinon	e <sup>a</sup>		X	X
Vitamin C					
	L-ascorbic acid	Х	X	Х	X
	sodium-L- ascorbate	Х	X	X	X
	calcium-L- ascorbate	Х	X	X	X
	potassium- L-ascorbate	Х	X	X	X
	L-ascorbyl 6-palmitate	Х	X	X	X
Thiamin					
	thiamin hydrochlorid	X e	X	X	X
	thiamin mononitrate	Х	X	X	X
Riboflavin					
	riboflavin	Х	X	X	X
	riboflavin 5'- phosphate, sodium	Х	X	X	X
Niacin					
	nicotinic acid	Х	X	X	X
	nicotinamide	Х	X	X	X
Vitamin B <sub>6</sub>					
	pyridoxine hydrochlorid	X e	X	X	Х
	pyridoxine 5'- phosphate	Х	X	Х	X
	pyridoxine dipalmitate		X	X	X
Folate					

		folic acid (pteroylmone acid)	X oglutamic	X	Х	X
		calcium-L- methylfolate			X	X
	Vitamin					
	B <sub>12</sub>	cyanocobala	nXin	X	X	X
		hydroxocoba	lXmin	X	X	X
	Biotin					
		D-biotin	X	X	X	X
	Pantothenic					
	Acid	D- pantothenate calcium	Х ,	X	Х	X
		D- pantothenate sodium	Х ,	X	X	X
		dexpantheno	IX	X	X	X
Minerals						
	Potassium					
		potassium bicarbonate	Х		X	X
		potassium carbonate	Х		X	X
		potassium chloride	Х	X	X	Х
		potassium citrate	Х	X	X	Х
		potassium gluconate	Х	X	Х	Х
		potassium glycerophosj	ohate	X	X	Х
		potassium lactate	Х	X	Х	Х
		potassium hydroxide	Х		X	Х
		potassium salts of orthophosph acid	X oric		Х	X

	magnesium potassium citrate			X	Х
Calcium					
	calcium carbonate	Х	X	X	X
	calcium chloride	Х	X	X	X
	calcium salts of citric acid	Х	X	X	X
	calcium gluconate	Х	X	X	Х
	calcium glycerophosj	X phate	X	X	X
	calcium lactate	Х	X	X	X
	calcium salts of orthophosph acid	X oric	X	X	X
	calcium hydroxide	Х	X	X	Х
	calcium oxide		X	X	Х
	calcium sulphate			X	X
	calcium bisglycinate			X	Х
	calcium citrate malate			X	X
	calcium malate			X	Х
	calcium L- pidolate			X	X
Magnesium					
	magnesium acetate			X	X
	magnesium carbonate	Х	X	X	X

	magnesium chloride	Х	X	X	X
	magnesium salts of citric acid	Х	Х	Х	X
	magnesium gluconate	Х	X	X	X
	magnesium glycerophosj	phate	Х	Х	X
	magnesium salts of orthophosph acid	X oric	X	X	X
	magnesium lactate		X	Х	X
	magnesium hydroxide	Х	X	X	X
	magnesium oxide	Х	X	X	X
	magnesium sulphate	Х	X	X	X
	magnesium L-aspartate			X	
	magnesium bisglycinate			Х	X
	magnesium L-pidolate			X	X
	magnesium potassium citrate			Х	Х
Iron					
	ferrous carbonate		X	Х	X
	ferrous citrate	Х	Х	Х	X
	ferric ammonium citrate	Х	Х	Х	X
	ferrous gluconate	Х	Х	Х	X
	ferrous fumarate	X	X	X	X

	ferric sodium		X	X	X
	diphosphate				
	ferrous lactate	Х	X	Х	X
	ferrous sulphate	Х	X	X	X
	ferrous ammonium phosphate			Х	X
	ferric sodium EDTA			Х	X
	ferric diphosphate (ferric pyrophospha	X (te)	X	X	X
	ferric saccharate		X	X	X
	elemental iron (carbonyl + electrolytic + hydrogen reduced)		X	X	X
	ferrous bisglycinate	Х		X	X
	ferrous L- pidolate			X	X
Zinc					
	zinc acetate	X	X	X	X
	zinc chloride	Х	X	X	X
	zinc citrate	X	X	X	X
	zinc gluconate	Х	X	X	X
	zinc lactate	Х	X	X	X
	zinc oxide	Х	X	X	X
	zinc carbonate			X	X
	zinc sulphate	Х	X	X	X

	zinc bisglycinate			Х	X
Copper					
	cupric carbonate	Х	Х	Х	Х
	cupric citrate	Х	X	Х	X
	cupric gluconate	Х	Х	Х	X
	cupric sulphate	Х	Х	Х	Х
	copper lysine complex	Х	X	X	X
Manganese					
	manganese carbonate	Х	X	X	X
	manganese chloride	Х	X	X	Х
	manganese citrate	Х	Х	X	Х
	manganese gluconate	Х	Х	Х	X
	manganese glycerophosj	phate	X	Х	X
	manganese sulphate	Х	X	X	Х
Fluoride					
	potassium fluoride			X	X
	sodium fluoride			X	X
Selenium					
	sodium selenate	Х		X	Х
	sodium hydrogen selenite			Х	X
	sodium selenite	Х		X	X

	selenium enriched yeast <sup>b</sup>			X	X
Chromium					
	chromium (III) chloride and its hexahydrate			X	X
	chromium (III) sulphate and its hexahydrate			X	X
	chromium picolinate			Х	Х
Molybdenu	m				
	ammonium molybdate			X	X
	sodium molybdate			X	X
Iodine					
	potassium iodide	Х	X	X	X
	potassium iodate	Х	X	Х	X
	sodium iodide	Х	X	Х	X
	sodium iodate		X	X	X
Sodium					
	sodium bicarbonate	Х		Х	X
	sodium carbonate	Х		Х	X
	sodium chloride	Х		Х	X
	sodium citrate	Х		X	X
	sodium gluconate	Х		Х	X

		sodium lactate	Х		Х	Х
		sodium hydroxide	Х		Х	X
		sodium salts of orthophosph acid	X oric		Х	X
	Boron	sodium borate			Х	X
		boric acid			X	X
Amino						
acids <sup>e</sup>		L-alanine		—	Х	Х
		L-arginine	X and its hydrochlorid	X and its chydrochlorid	X e	X
		L-aspartic acid			Х	
		L-citrulline			Х	
		L-cysteine	X and its hydrochlorid	X and its thydrochlorid	X e	X
		Cystine <sup>d</sup>	X and its hydrochlorid	X and its chydrochlorid	X e	X
		L-histidine	X and its hydrochlorid	X and its chydrochlorid	X e	X
		L-glutamic acid			Х	X
		L- glutamine			Х	X
		glycine			Х	
		L- isoleucine	X and its hydrochlorid	X and its thydrochlorid	X e	X
		L-leucine	X and its hydrochlorid	X and its chydrochlorid	X e	X
		L-lysine	Х	Х	Х	X

		and its hydrochloric	and its hydrochlorid	e	
	L-lysine acetate			Х	X
	L- methionine	X	X	Х	X
	L-ornithine			Х	Х
	L- phenylalanir	X ne	X	Х	X
	L-proline			Х	
	L-threonine	X	Х	Х	X
	L- tryptophan	X	X	Х	X
	L-tyrosine	X	X	Х	X
	L-valine	Х	Х	Х	X
	L-serine			Х	
	L-arginine- L-aspartate			Х	
	L-lysine-L- aspartate			Х	
	L-lysine-L- glutamate			Х	
	N-acetyl-L- cysteine			Х	
	N-acetyl-L- methionine			X (in products intended for persons over 1 year of age)	
Carnitine					
and taurine	L-carnitine	Х	Х	Х	X
	L-carnitine hydrochlorid	X le	X	Х	X
	taurine	X		Х	X
	L-carnitine- L-tartrate	Х		Х	X
Nucleotides					
	adenosine 5'-	X		Х	X

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sodium salts of AMPXXXXeytidine 5'- monophosphoric acid (CMP)XXXsodium salts of CMPXXXguanosine 5'- phosphoric acid (GMP)XXXsodium salts of GMPXXXsodium salts of GMPXXXsodium salts of GMPXXXsodium salts of GMPXXXsodium salts of IMPXXXsodium salts of IMPXXXsodium salts of IMPXXXuridine 5'- phosphoric acid (UMP)XXXsodium salts of IMPXXXcholine and inositolXXXXCholine and inositolXXXXcholine citrateXXXXinositolXXXX		phosph acid (A				
monophosphoric acid (CMP)monophosphoric acid (CMP)XXsodium salts of 		salts of			Х	X
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Š'- phosphoric acid (GMP)X XXXsodium salts of GMPXXXinosine 5'- phosphoric acid (IMP)XXXsodium salts of IMPXXXviridine 5'- phosphoric acid (UMP)XXXuridine 5'- phosphoric acid (UMP)XXXsodium salts of UMPXXXcholine acid (UMP)XXXcholine choline bitartrateXXXcholine bitartrateXXXcholine bitartrateXXXcholine citrateXXXcholine citrateXXXcholine citrateXXXcholine citrateXXXcholine citrateXXX		salts of			X	X
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Salts of UMPImage: Salts of UMPImage: Salts of UMPCholine and inositolImage: Salts of UMPImage: Salts of UMPCholine choline chlorideXXXXXXXCholine chlorideXXXCholine bitartrateXXXCholine citrateXXXCholine citrateXXX		phosph	oric		Х	X
and inositolcholineXXXXcholine chlorideXXXXcholine bitartrateXXXXcholine bitartrateXXXXcholine citrateXXXX		salts of			Х	X
choline choline chlorideXXXXcholine bitartrateXXXXcholine bitartrateXXXXcholine citrateXXXX						
chlorideXXXcholine bitartrateXXXcholine citrateXXX	and inositol	choline	e X	X	X	X
bitartratecholine citrateXXX				X	X	X
citrate				X	X	X
inositol X X X X			e X	X	X	X
a Menaquinone occurring principally as menaquinone-7 and, to a minor extent, menaquinone-6.						Х

**a** Menaquinone occurring principally as menaquinone-7 and, to a minor extent, menaquinone-6.

b Selenium-enriched yeasts produced by culture in the presence of sodium selenite as selenium source and containing, in the dried form as marketed, not more than 2,5 mg Se/g. The predominant organic selenium species present in the yeast is selenomethionine (between 60 and 85 % of total extracted selenium in the product). The content of other organic selenium compounds including selenocysteine must not exceed 10 % of total extracted selenium. Levels of inorganic selenium normally must not exceed 1 % of total extracted selenium.

- **c** For amino acids used in infant formula, follow-on formula, processed cereal-based food and baby food only the hydrochloride specifically mentioned may be used. For amino acids used in food for special medical purposes and in total diet replacement for weight control, as far as applicable, also the sodium, potassium, calcium and magnesium salts as well as their hydrochlorides may be used.
- **d** In the case of use in infant formula, follow-on formula, processed cereal-based food and baby food, only the form L-cystine may be used.

# Status:

Point in time view as at 12/06/2013.

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