

**GENERAL STANDARD FOR FOOD ADDITIVES****PROVISIONS FOR REVOCATION****(For adoption)****Part A: From agenda item 3a****PROVISIONS IN TABLES 1 AND 2 OF THE GENERAL STANDARD FOR FOOD ADDITIVES****RIBOFLAVINS**

INS 101(i) Riboflavin, synthetic Functional Class: Colour

INS 101(ii) Riboflavin 5'-phosphate sodium Functional Class: Colour

INS 101(iii) Riboflavin from *Bacillus subtilis* Functional Class: Colour**INS 101(iv) Riboflavin from *Ashbya gossypii* Functional Class: Colour**

FoodCatNo	Food Category	MaxLeve		Notes	Year Adopted
01.1.4	Flavoured fluid milk drinks	300	mg/kg	52	2008
01.3.2	Beverage whiteners	300	mg/kg	XS250 & XS252	2021
01.5.2	Milk and cream powder analogues	300	mg/kg	XS251	2021
01.6.1	Unripened cheese	300	mg/kg	491, XS273, XS275	2021
01.6.2.1	Ripened cheese, includes rind	300	mg/kg	462,504, XS208, XS265, XS266, XS267, XS268, XS269, XS270, XS271, XS272, XS274, XS276, XS277, XS278	2021
01.6.2.2	Rind of ripened cheese	300	mg/kg		2005
01.6.4	Processed cheese	300	mg/kg		2005
01.6.5	Cheese analogues	300	mg/kg		2005
01.7	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	300	mg/kg		2005
02.2.2	Fat spreads, dairy fat spreads and blended spreads	300	mg/kg		2005
02.3	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	300	mg/kg		2008
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	300	mg/kg		2005
03.0	Edible ices, including sherbet and sorbet	500	mg/kg		2005
04.1.2.4	Canned or bottled (pasteurized) fruit	300	mg/kg	267	2018
04.1.2.5	Jams, jellies, marmelades	200	mg/kg		2005
04.1.2.6	Fruit-based spreads (e.g. chutney) excluding products of food category 04.1.2.5	500	mg/kg		2005

FoodCatNo	Food Category	MaxLeve		Notes	Year Adopted
04.1.2.7	Candied fruit	300	mg/kg		2005
04.1.2.8	Fruit preparations, including pulp, purees, fruit toppings and coconut milk	300	mg/kg	182	2008
04.1.2.9	Fruit-based desserts, including fruit-flavoured water-based desserts	300	mg/kg		2005
04.1.2.10	Fermented fruit products	500	mg/kg		2008
04.1.2.11	Fruit fillings for pastries	300	mg/kg		2005
04.2.2.3	Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds in vinegar, oil, brine, or soybean sauce	500	mg/kg		2005
04.2.2.6	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	300	mg/kg	92	2008
05.1.5	Imitation chocolate, chocolate substitute products	1000	mg/kg		2005
05.2	Confectionery including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3 and 05.4	1000	mg/kg	XS309R	2017
05.3	Chewing gum	1000	mg/kg		2005
05.4	Decorations (e.g. for fine bakery wares), toppings (non-fruit) and sweet sauces	1000	mg/kg		2005
06.3	Breakfast cereals, including rolled oats	300	mg/kg		2005
06.4.3	Pre-cooked pastas and noodles and like products	300	mg/kg	153, 473	2019
06.5	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	300	mg/kg		2005
06.6	Batters (e.g. for breading or batters for fish or poultry)	300	mg/kg		2005
06.8.1	Soybean-based beverages	50	mg/kg		2010
07.2	Fine bakery wares (sweet, salty, savoury) and mixes	300	mg/kg		2005
08.2	Processed meat, poultry, and game products in whole pieces or cuts	1000	mg/kg	16, XS96 & XS97	2014
08.3	Processed comminuted meat, poultry, and game products	1000	mg/kg	16, XS88, XS89 & XS98	2014
08.4	Edible casings (e.g. sausage casings)	1000	mg/kg	16	2008
09.3.1	Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly	300	mg/kg	16	2005

FoodCatNo	Food Category	MaxLeve		Notes	Year Adopted
09.3.2	Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine	300	mg/kg	16	2005
09.3.3	Salmon substitutes, caviar, and other fish roe products	300	mg/kg	XS291	2018
09.3.4	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms (e.g. fish paste), excluding products of food categories 09.3.1 - 09.3.3	300	mg/kg		2005
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500	mg/kg	95, XS3, XS37, XS70, XS90, XS94 & XS119	2018
10.4	Egg-based desserts (e.g. custard)	300	mg/kg		2005
12.2.2	Seasonings and condiments	350	mg/kg		2005
12.4	Mustards	300	mg/kg		2005
12.5	Soups and broths	200	mg/kg	344	2015
12.6	Sauces and like products	350	mg/kg	XS302	2018
12.7	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories 04.2.2.5 and 05.1.3	300	mg/kg		2005
12.9.1	Fermented soybean paste (e.g., miso)	30	mg/kg		2010
13.3	Dietetic foods intended for special medical purposes (excluding products of food category 13.1)	300	mg/kg		2005
13.4	Dietetic formulae for slimming purposes and weight reduction	300	mg/kg		2005
13.5	Dietetic foods (e.g. supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6	300	mg/kg		2005
13.6	Food supplements	300	mg/kg		2005
14.1.4	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	50	mg/kg		2005
14.2.2	Cider and perry	300	mg/kg		2005
14.2.4	Wines (other than grape)	300	mg/kg		2005
14.2.7	Aromatized alcoholic beverages (e.g. beer, wine and spirituous cooler-type beverages, low alcoholic refreshers)	100	mg/kg		2005
15.1	Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes)	1000	mg/kg		2005
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g. dried fruit)	1000	mg/kg		2005

**PART B. From agenda item 4b****CITRIC AND FATTY ACID ESTERS OF GLYCEROL (INS 472c)**

<b>INS:472c Functional class: Antioxidant, Emulsifier, Flour treatment agent, Sequestrant, Stabilizer</b>				
<b>Food Category No</b>	<b>Food Category</b>	<b>Max level</b>	<b>Notes</b>	<b>Step/Year Adopted</b>
13.1	Infant formulae, follow-up formulae, and formulae for special medical purposes for infants	9000 mg/kg	380, 381	2016

**PART C. From agenda item 5a**

<b>Food Category</b>	<b>Additive</b>	<b>INS</b>	<b>Step</b>	<b>Year</b>	<b>Max Level (mg/kg)</b>	<b>Notes</b>
<b>01.6.1 Unripened cheese</b>						
01.6.1	PONCEAU 4R (COCHINEAL RED A)	124	8	2021	100	3, 161, XS221, XS273, XS275
<b>01.6.2 Ripened cheese</b>						
01.6.2	CURCUMIN	100(i)	8	2021	GMP	498, XS208, XS278
<b>02.1.3 Lard, tallow, fish oil, and other animal fats</b>						
02.1.3	INDIGOTINE (INDIGO CARMINE)	132	8	2021	300	161, XS19, XS211, XS329

**Notes to the General Standard for Food Additives**

Note 3	For use in surface treatment only.
Note 161	Subject to national legislation of the importing country aimed, in particular, at consistency with Section 3.2 of the Preamble.
Note 498	Only for use in the edible cheese rind in products conforming to the General Standard for Cheese (CXS 283-1978).
Note XS19	Excluding products conforming to the Standard for Edible Fats and Oils not covered by Individual Standards (CXS 19-1981).
Note XS208	Excluding products conforming to the Standard for Cheese in Brine (CODEX STAN 208-1999).
Note XS211	Excluding products conforming to the Standard for Named Animal Fat (CODEX STAN 211-1999).
Note XS221	Excluding products conforming to the Group Standard for Unripened Cheese including Fresh Cheese (CXS 221-2001).
Note XS273	Excluding products conforming to the Standard for Cottage Cheese (CXS 273-1968).
Note XS275	Excluding products conforming to the Standard for Cream Cheese (CXS 275-1973).
Note XS278	Excluding products conforming to the Standard for Extra Hard Grating Cheese (CXS 278-1978).
Note XS329	Excluding products conforming to the Standard for Fish Oils (CXS 329-2017).

**PART D. From agenda item 5b****D.1- Provisions from CX/FA 23/53/8 Appendix 1**

Food Category	Additive	INS	Max Level (mg/kg)	Notes	Step	Year
<b>06.4.2 Dried pastas and noodles and like products</b>						
06.4.2	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	211	8	2011
<b>08.1.2 Fresh meat, poultry and game, comminuted</b>						
08.1.2	CAROTENES, BETA-, VEGETABLE	160a(ii)	20	4 & 16	8	2011
08.1.2	CAROTENIDS	160a(i),a(iii),e,f	100	4 & 16	8	2011
<b>08.3.1.1 Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products</b>						
08.3.1.1	CAROTENIDS	160a(i),a(iii),e,f	100	16	8	2010
<b>08.3.1.2 Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products</b>						
08.3.1.2	CAROTENIDS	160a(i),a(iii),e,f	20	16	8	2010
<b>08.3.1.3 Fermented non-heat treated processed comminuted meat, poultry, and game products</b>						
08.3.1.3	CAROTENIDS	160a(i),a(iii),e,f	20	16	8	2010
<b>09.1.1 Fresh fish</b>						
09.1.1	CAROTENES, BETA-, VEGETABLE	160a(ii)	100	4, 16 & 50	8	2010
09.1.1	CAROTENIDS	160a(i),a(iii),e,f	300	4	8	2011
<b>09.1.2 Frozen fish, fish fillets, and fish products, including molluscs, crustaceans, and echinoderms</b>						
09.1.2	CAROTENIDS	160a(i),a(iii),e,f	100	4, 16, XS292, XS312 & XS315	8	2017
<b>09.2.2 Frozen battered fish, fish fillets and fish products, including molluscs, crustaceans, and echinoderms</b>						
09.2.2	CAROTENES, BETA-, VEGETABLE	160a(ii)	100	304	8	2017
<b>09.2.3 Frozen minced and creamed fish products, including molluscs, crustaceans, and echinoderms</b>						
09.2.3	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	16	8	2005
<b>09.2.4.1 Cooked fish and fish products</b>						
09.2.4.1	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	95	8	2009
<b>09.2.4.2 Cooked molluscs, crustaceans, and echinoderms</b>						
09.2.4.2	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000		8	2005
<b>09.2.4.3 Fried fish and fish products, including molluscs, crustaceans, and echinoderms</b>						
09.2.4.3	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	16	8	2005
<b>09.2.5 Smoked, dried, fermented, and/or salted fish and fish products, including molluscs, crustaceans, and echinoderms</b>						
09.2.5	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	XS167, XS189, XS222, XS236, XS244 & XS311	8	2018
<b>09.3.1 Fish and fish products, including molluscs, crustaceans, and echinoderms, marinated and/or in jelly</b>						
09.3.1	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	16	8	2005
<b>09.3.2 Fish and fish products, including molluscs, crustaceans and echinoderms, pickled and/or in brine</b>						
09.3.2	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	16	8	2005

Food Category	Additive	INS	Max Level (mg/kg)	Notes	Step	Year
<b>09.3.3 Salmon substitutes, caviar and other fish roe products</b>						
09.3.3	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	XS291	8	2018
<b>09.3.4 Semi-preserved fish and fish products, including molluscs, crustaceans and echinoderms (e.g. fish paste), excluding products of food categories 09.3.1 - 09.3.3</b>						
09.3.4	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	16	8	2005
<b>10.1 Fresh eggs</b>						
10.1	CAROTENES, BETA-, VEGETABLE	160a(ii)	1000	4	8	2005
10.1	CAROTENIDS	160a(i),a(iii),e,f	1000	4	8	2011
<b>11.4 Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)</b>						
11.4	CAROTENES, BETA-, VEGETABLE	160a(ii)	50		8	2005
11.4	CAROTENIDS	160a(i),a(iii),e,f	50	217	8	2011
<b>12.6.1 Emulsified sauces and dips (e.g. mayonnaise, salad dressing, onion dips)</b>						
12.6.1	CAROTENES, BETA-, VEGETABLE	160a(ii)	2000		8	2005
<b>12.6.2 Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)</b>						
12.6.2	CAROTENES, BETA-, VEGETABLE	160a(ii)	2000		8	2005
<b>12.6.3 Mixes for sauces and gravies</b>						
12.6.3	CAROTENES, BETA-, VEGETABLE	160a(ii)	2000		8	2005
<b>14.2.1 Beer and malt beverages</b>						
14.2.1	CAROTENES, BETA-, VEGETABLE	160a(ii)	600		8	2005

#### Notes to the General Standard for Food Additives

Note 4	For use in decoration, stamping, marking or branding the product only.
Note 16	For use in glaze, coatings or decorations for fruit, vegetables, meat or fish only.
Note 50	For use in fish roe only.
Note 95	For non-standardized foods: for use in surimi and fish roe products only.
Note 211	For use in noodles only.
Note 217	Except for use in toppings at 300 mg/kg.
Note 304	For use only in breaded or batter coatings in products conforming to the Standard for Quick Frozen Fish Sticks (Fish Fingers), Fish Portions and Fish Fillets – Breaded or in Batter (CODEX STAN 166- 1989), singly or in combination: carotenoids (beta-carotenes, synthetic (INS 160a(i)), beta-carotenes, Blakeslea trispora (INS 160a(iii)), carotenal, beta-apo-8' (INS 160e), carotenoic acid, ethyl ester, betaapo-8'- (INS 160f)) and beta-carotenes, vegetable (INS 160a(ii)).
Note XS167	Excluding products conforming to the Standard for Salted Fish and Dried Salted Fish of the Gadidae Family of Fishes (CODEX STAN 167-1989).
Note XS189	Excluding products conforming to the Standard for Dried Shark Fins (CODEX STAN 189-1993).
Note XS222	Excluding products conforming to the Standard for Crackers from Marine and Freshwater Fish, Crustaceans and Molluscan Shellfish (CODEX STAN 222-2001).
Note XS236	Excluding products conforming to the Standard for Boiled Dried Salted Anchovies (CODEX STAN 236-2003).
Note XS244	Excluding products conforming to the Standard for Salted Atlantic Herring and Salted Sprat (CODEX STAN 244-2004).
Note XS291	Excluding products conforming to the Standard for Sturgeon Caviar (CODEX STAN 291-2010).

- Note XS292 Excluding products conforming to the Standard for Live and Raw Bivalve Molluscs (CODEX STAN 292-2008).
- Note XS311 Excluding products conforming to the Standard for Smoked Fish, Smoked-flavoured Fish and Smoke-dried Fish (CODEX STAN 311-2013).
- Note XS312 Excluding products conforming to the Standard for Live Abalone and for Raw Fresh Chilled or Frozen Abalone for Direct Consumption or for Further Processing (CODEX STAN 312-2013).
- Note XS315 Excluding products conforming to the Standard for Fresh and Quick Frozen Raw Scallop Products (CODEX STAN 315-2014).

#### **D.2- Provisions from CX/FA 23/53/8 Appendix 4 Part D**

Food Category	Additive	INS	Max Level (mg/kg)	Notes	Step	Year
<b>12.2 Herbs, spices, seasonings, and condiments (e.g. seasoning for instant noodles)</b>						
12.2	ACESULFAME POTASSIUM	950	2000	161, 188, XS326, XS327, XS328	8	2021
12.2	NEOTAME	961	32	161, XS326, XS327, XS328	8	2021
<b>12.2.1 Herbs and spices</b>						
12.2.1	SUCRALOSE (TRICHLOROGALACTOSUCROSE)	955	400	161, XS326, XS327, XS328	8	2021

#### **Notes to the General Standard for Food Additives**

- Note 161 Subject to national legislation of the importing country aimed, in particular, at consistency with Section 3.2 of the Preamble.
- Note 188 If used in combination with aspartame-acesulfame salt (INS 962), the combined maximum use level, expressed as acesulfame potassium, should not exceed this level.
- Note XS326 Excluding products conforming to the Standard for Black, White and Green Peppers (CODEX STAN 326-2017).
- Note XS327 Excluding products conforming to the Standard for Cumin (CODEX STAN 327-2017).
- Note XS328 Excluding products conforming to the Standard for Dried Thyme (CODEX STAN 328-2017).

#### **PART D. From agenda item 5d**

#### **Provisions to be removed from Table 1 and 2 of the GSFA**

##### **Food Category No. 12.2.1 Herbs and spices**

Additive	INS	Max Level (mg/kg)	Notes	Year Adopted	INS Functional Class
ISOMALT (HYDROGENATED ISOMALTULOSE)	953	GMP	534	2021	Anticaking agent, Bulking agent, Flavour enhancer, Glazing agent, Stabilizer, Sweetener, Thickener

**PART E. From agenda item 5f****Provisions to be removed from Table 1 and 2 of the GSFA**

<b>ORTHO-PHENYLPHENOL</b>				
<b>ORTHO-PHENYLPHENOL (INS 231)</b>			<b><u>Functional Class: Preservatives</u></b>	
<b>SODIUM ORTHO- PHENYLPHENOL (INS 232)</b>			<b><u>Functional Class: Preservatives</u></b>	
<b>Food Category No</b>	<b>Food Category</b>	<b>Max level</b>	<b>Notes</b>	<b>Step/Year Adopted</b>
04.1.1.2	Surface-treated fresh fruit	12 mg/kg	49	1999