

GENERAL STANDARD FOR FOOD ADDITIVES**DISCONTINUATION OF WORK****(For adoption)****Part A: PROVISIONS RELATED TO AGENDA ITEM 5a****A.1- Provisions from CX/FA 24/54/7 Appendix 2**

Food Category No.	07.0	Bakery wares				
Additive	INS	Step	Year	Max Level	Notes	
AMARANTH	123	7		300 mg/kg		
CARAMEL II - SULFITE CARAMEL	150b	4		50000 mg/kg		
TARTRAZINE	102	7		300 mg/kg		
Food Category No.	07.1.1	Breads and rolls				
Additive	INS	Step	Year	Max Level	Notes	
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		200 mg/kg	185	
CURCUMIN	100(i)	4		500 mg/kg		
Food Category No.	07.1.2	Crackers, excluding sweet crackers				
Additive	INS	Step	Year	Max Level	Notes	
ZEAXANTHIN, SYNTHETIC	161h(i)	4		50 mg/kg		
Food Category No.	07.2	Fine bakery wares (sweet, salty, savoury) and mixes				
Additive	INS	Step	Year	Max Level	Notes	
LUTEIN FROM TAGETES ERECTA	161b(i)	4		200 mg/kg		
ZEAXANTHIN, SYNTHETIC	161h(i)	4		100 mg/kg		
Food Category No.	07.2.1	Cakes, cookies and pies (e.g. fruit-filled or custard types)				
Additive	INS	Step	Year	Max Level	Notes	
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	2		100 mg/kg	8	
PAPRIKA EXTRACT	160c(ii)	2		90 mg/kg	39	
Food Category No.	07.2.2	Other fine bakery products (e.g. doughnuts, sweet rolls, scones, and muffins)				
Additive	INS	Step	Year	Max Level	Notes	
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	2		100 mg/kg	8	
PAPRIKA EXTRACT	160c(ii)	2		90 mg/kg	39	
Food Category No.	07.2.3	Mixes for fine bakery wares (e.g. cakes, pancakes)				
Additive	INS	Step	Year	Max Level	Notes	
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	4		25 mg/kg	8	
PAPRIKA EXTRACT	160c(ii)	2		200 mg/kg	39	
Food Category No.	12.1.2	Salt Substitutes				
Additive	INS	Step	Year	Max Level	Notes	
CARAMEL I - PLAIN CARAMEL	150a	4		GMP		
Food Category No.	12.2	Herbs, spices, seasonings and condiments				

(e.g. seasoning for instant noodles)

Additive	INS	Step	Year	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	4		50 mg/kg	8
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		50 mg/kg	185
CARAMEL II - SULFITE CARAMEL	150b	4		100000 mg/kg	

Food Category No. 12.2.1 Herbs and spices

Additive	INS	Step	Year	Max Level	Notes
CARAMEL I - PLAIN CARAMEL	150a	4		GMP	51
LYCOPENE, TOMATO	160d(ii)	3		2000 mg/kg	
PAPRIKA EXTRACT	160c(ii)	2		300 mg/kg	39
TARTRAZINE	102	7		940 mg/kg	

Food Category No. 12.2.2 Seasonings and condiments

Additive	INS	Step	Year	Max Level	Notes
AMARANTH	123	7		300 mg/kg	
BRILLIANT BLACK (BLACK PN)	151	7		500 mg/kg	
BROWN HT	155	7		500 mg/kg	
JAGUA (GENIPIN-GLYCINE) BLUE	183	2		600 mg/kg	601
LUTEIN FROM TAGETES ERECTA	161b(i)	4		500 mg/kg	
LYCOPENE, TOMATO	160d(ii)	3		20000 mg/kg	
QUINOLINE YELLOW	104	7		500 mg/kg	
ZEAXANTHIN, SYNTHETIC	161h(i)	4		500 mg/kg	

Food Category No. 12.4 Mustards

Additive	INS	Step	Year	Max Level	Notes
LUTEIN FROM TAGETES ERECTA	161b(i)	4		300 mg/kg	

Food Category No. 12.5 Soups and broths

Additive	INS	Step	Year	Max Level	Notes
AMARANTH	123	7		300 mg/kg	
BRILLIANT BLACK (BLACK PN)	151	7		300 mg/kg	
LUTEIN FROM TAGETES ERECTA	161b(i)	4		50 mg/kg	
ZEAXANTHIN, SYNTHETIC	161h(i)	4		50 mg/kg	

Food Category No. 12.5.1 Ready-to-eat soups and broths, including canned, bottled, and frozen

Additive	INS	Step	Year	Max Level	Notes
PAPRIKA EXTRACT	160c(ii)	2		40 mg/kg	39

Food Category No. 12.5.2 Mixes for soups and broths

Additive	INS	Step	Year	Max Level	Notes
PAPRIKA EXTRACT	160c(ii)	2		500 mg/kg	39

Food Category No. 12.6 Sauces and like products

Additive	INS	Step	Year	Max Level	Notes
LUTEIN FROM TAGETES ERECTA	161b(i)	4		500 mg/kg	92

Food Category No. 12.6.1 Emulsified sauces and dips (e.g. mayonnaise, salad dressing, onion dip)

Additive	INS	Step	Year	Max Level	Notes
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ZEAXANTHIN, SYNTHETIC	161h(i)	4		50 mg/kg	
Food Category No.	12.6.2	Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)			
Additive	INS	Step	Year	Max Level	Notes
AMARANTH	123	7		300 mg/kg	
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	4		100 mg/kg	8
ZEAXANTHIN, SYNTHETIC	161h(i)	4		50 mg/kg	
Food Category No.	12.6.3	Mixes for sauces and gravies			
Additive	INS	Step	Year	Max Level	Notes
LYCOPENE, TOMATO	160d(ii)	3		5000 mg/kg	
Food Category No.	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			
Additive	INS	Step	Year	Max Level	Notes
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		50 mg/kg	185
Food Category No.	13.3	Dietetic foods intended for special medical purposes (excluding products of food category 13.1)			
Additive	INS	Step	Year	Max Level	Notes
BRILLIANT BLACK (BLACK PN)	151	7		50 mg/kg	
BROWN HT	155	7		50 mg/kg	
LUTEIN FROM TAGETES ERECTA	161b(i)	4		50 mg/kg	
ZEAXANTHIN, SYNTHETIC	161h(i)	4		50 mg/kg	
Food Category No.	13.4	Dietetic formulae for slimming purposes and weight reduction			
Additive	INS	Step	Year	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	4		20 mg/kg	8
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		10 mg/kg	185
BRILLIANT BLACK (BLACK PN)	151	7		50 mg/kg	
BROWN HT	155	7		50 mg/kg	
LUTEIN FROM TAGETES ERECTA	161b(i)	4		50 mg/kg	
ZEAXANTHIN, SYNTHETIC	161h(i)	4		50 mg/kg	
Food Category No.	13.5	Dietetic foods (e.g. supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4 and 13.6			
Additive	INS	Step	Year	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	4		20 mg/kg	8
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		10 mg/kg	185
BRILLIANT BLACK (BLACK PN)	151	7		300 mg/kg	
BROWN HT	155	7		300 mg/kg	
LUTEIN FROM TAGETES ERECTA	161b(i)	4		100 mg/kg	
ZEAXANTHIN, SYNTHETIC	161h(i)	4		100 mg/kg	

Food Category No.	13.6	Food supplements				
Additive	INS	Step	Year	Max Level	Notes	
AZORUBINE (CARMOISINE)	122	2		300 GMP	539	
Food Category No.	15.0	Ready-to-eat savouries				
Additive	INS	Step	Year	Max Level	Notes	
ZEAXANTHIN, SYNTHETIC	161h(i)	4		100 mg/kg		
Food Category No.	15.1	Snacks - potato, cereal, flour or starch based (from roots and tubers, pulses and legumes)				
Additive	INS	Step	Year	Max Level	Notes	
AMARANTH	123	7		300 mg/kg		
LUTEIN FROM TAGETES ERECTA	161b(i)	4		200 mg/kg		
Food Category No.	15.2	Processed nuts, including coated nuts and nut mixtures (with e.g. dried fruit)				
Additive	INS	Step	Year	Max Level	Notes	
JAGUA (GENIPIN-GLYCINE) BLUE	183	2		800 mg/kg	596 & 601	
LUTEIN FROM TAGETES ERECTA	161b(i)	4		100 mg/kg		
Food Category No.	15.3	Snacks - fish based				
Additive	INS	Step	Year	Max Level	Notes	
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	4		20 mg/kg	8	
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		20 mg/kg	185	

Notes to the General Standard for Food Additives

Note 8	As bixin.
Note 39	On a total carotenoid basis.
Note 51	For use in herbs only.
Note 127	On the served to the consumer basis.
Note 185	As norbixin.
Note 596	For use in yoghurt coating of yoghurt-covered nuts only.
Note 597	For use in blue/purple tortilla chips only.
Note 601	On a blue polymer basis.

A.2- Provisions from CX/FA 24/54/7 Appendix 3

Food Category No.	14.2.3	Grape wines				
Additive	INS	Step	Year	Max Level	Notes	
CALCIUM ASCORBATE	302	7		GMP		
CARAMEL I - PLAIN CARAMEL	150a	7		GMP		
CARAMEL II - SULFITE CARAMEL	150b	4		50000 mg/kg		
ETHYL MALTOL	637	7		100 mg/kg	93	
GLUCOSE OXIDASE	1102	7		GMP		
MALTOL	636	7		250 mg/kg		
PAPAIN	1101(ii)	7		GMP		
POLYGLYCEROL ESTERS OF FATTY ACIDS	475	7		500 mg/kg		
POLYGLYCEROL ESTERS OF INTERESTERIFIED RICINOLEIC ACID	476	7		1000 mg/kg		
POLYOXYETHYLENE STEARATES	430, 431	7		GMP		

PROTEASE FROM ASPERGILLUS ORYZAE VAR.	1101(i)	7	GMP
SODIUM ASCORBATE	301	7	200 mg/kg
SODIUM ERYTHORBATE (SODIUM ISOASCORBATE)	316	7	GMP
SORBITAN ESTERS OF FATTY ACIDS	491-495	4	1000 mg/kg

Food Category No. 14.2.3.1 Still grape wine

Additive	INS	Step	Year	Max Level	Notes
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		10 mg/kg	185
CURCUMIN	100(i)	4		200 mg/kg	

Food Category No. 14.2.3.2 Sparkling and semi-sparkling grape wines

Additive	INS	Step	Year	Max Level	Notes
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		10 mg/kg	185
BEET RED	162	7		GMP	

Food Category No. 14.2.3.2 Sparkling and semi-sparkling grape wines

Additive	INS	Step	Year	Max Level	Notes
BROMELAIN	1101(iii)	7		GMP	
CHLOROPHYLLS	140	7		GMP	
CURCUMIN	100(i)	4		200 mg/kg	
TITANIUM DIOXIDE	171	7		GMP	

Food Category No. 14.2.3.3 Fortified grape wine, grape liquor wine, and sweet grape wine

Additive	INS	Step	Year	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	160b(i)	4		20 mg/kg	8
ANNATTO EXTRACTS, NORBIXIN-BASED	160b(ii)	4		15 mg/kg	185
BEET RED	162	7		GMP	
CHLOROPHYLLS	140	7		GMP	
CURCUMIN	100(i)	7		200 mg/kg	

Notes to the General Standard for Food Additives

Note 8	As bixin.
Note 93	Excluding natural wine produced from Vitis vinifera grapes.
Note 185	As norbixin.

A.3- Provisions from CX/FA 24/54/7 Appendix 4

Food Category No. 01.6.1 Unripened cheese

Additive	INS	Step	Year	Max Level	Notes
LAURIC ARGINATE ETHYL ESTER	243	2		200 mg/kg	
SORBATES	200, 202, 203	2		3000 mg/kg	42, 492 & 494

Food Category No. 01.6.2 Ripened cheese

Additive	INS	Step	Year	Max Level	Notes
SORBATES	200, 202, 203	2		3000 mg/kg	42, 499, XS208, XS274, XS276,

XS277 & 595

Food Category No.	01.6.2.1	Ripened cheese, includes rind				
Additive	INS	Step	Year	Max Level	Notes	
LAURIC ARGINATE ETHYL ESTER	243	2		200 mg/kg	XS208, XS263, XS264, XS265, XS266, XS267, XS268, XS269, XS270, XS271, XS272, XS274, XS276, XS277	

Food Category No.	04.1.1.2	Surface-treated fresh fruit				
Additive	INS	Step	Year	Max Level	Notes	
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	4 & 16	

Food Category No.	04.1.2.5	Jams, jellies, marmelades				
Additive	INS	Step	Year	Max Level	Notes	
POLYDIMETHYLSILOXANE	900a	2		30 mg/kg	602	

Food Category No.	04.2.1.2	Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds				
Additive	INS	Step	Year	Max Level	Notes	
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	4 & 16	

Food Category No.	04.2.2.7	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories 06.8.6, 06.8.7, 12.9.1, 12.9.2.1 and 12.9.2.3				
Additive	INS	Step	Year	Max Level	Notes	
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP		

Food Category No.	09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms				
Additive	INS	Step	Year	Max Level	Notes	
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	95, XS36, XS92, XS95, XS165, XS190, XS191, XS292, XS312, XS315	

Food Category No.	09.2.2	Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms				
Additive	INS	Step	Year	Max Level	Notes	
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	16 & XS166	

Food Category No.	09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms				
Additive	INS	Step	Year	Max Level	Notes	

Additive	INS	Step	Year	Max Level	Notes
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	16
Food Category No.	09.2.4.1	Cooked fish and fish products			
Additive	INS	Step	Year	Max Level	Notes
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	95
Food Category No.	09.2.4.2	Cooked mollusks, crustaceans, and echinoderms			
Additive	INS	Step	Year	Max Level	Notes
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	
Food Category No.	09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms			
Additive	INS	Step	Year	Max Level	Notes
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	16
Food Category No.	09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms			
Additive	INS	Step	Year	Max Level	Notes
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	22, XS167, XS189, XS222, XS236, XS244, XS311
Food Category No.	10.1	Fresh eggs			
Additive	INS	Step	Year	Max Level	Notes
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	4
Food Category No.	11.3	Sugar solutions and syrups, also (partially) inverted, including treacle and molasses, excluding products of food category 11.1.3			
Additive	INS	Step	Year	Max Level	Notes
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	
Food Category No.	11.4	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)			
Additive	INS	Step	Year	Max Level	Notes
RIBOFLAVINS	101(i),(ii), (iii), (iv)	2		GMP	
Food Category No.	12.6.1	Emulsified sauces and dips (e.g. mayonnaise, salad dressing, onion dip)			
Additive	INS	Step	Year	Max Level	Notes
POLYGLYCEROL ESTERS OF INTERESTERIFIED RICINOLEIC ACID	476	2	2024	5000 GMP	594

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 22	For use in smoked fish paste only.
Note 42	As sorbic acid.
Note 95	For non-standardized foods: for use in surimi and fish roe products only.
Note 492	For use in cheese mass only of products conforming to the Standard for Cottage Cheese (CXS 273-1968) and the Standard for Cream Cheese (CXS 275-1973): sorbic acid (INS 200), potassium sorbate (INS 202), calcium sorbate (INS 203).
Note 494	For use in cheese mass and the surface treatment of sliced, cut, shredded and grated

- cheese products conforming to the Group Standard for Unripened Cheese including Fresh Cheese (CXS 221-2001): sorbic acid (INS 200), potassium sorbate (INS 202), calcium sorbate (INS 203).
- Note 499 Except for use in products conforming to the Standard for Extra Hard Grating Cheese (CXS 278-1978): sorbic acid (INS 200), potassium sorbate (INS 202) and calcium sorbate (INS 203), at 1000 mg/kg as sorbic acid in the final product.
- Note 594 Except for use in emulsified sauces and dips with > 20% fat content 8,000 mg/kg.
- Note 595 For use in products conforming to the Standards for Cheddar (CXS 263-1966), Danbo (CXS 264-1966), Edam (CXS 265-1966), Gouda (CXS 266-1966), Havarti (CXS 267-1966), Samsø (CXS 268-1966), Emmental (CXS 269-1967), Tilsiter (CXS 270-1968), Saint-Paulin (CXS 271-1968) and Provolone (CXS 272-1968): for surface treatment only.
- Note 602 Except for use in products conforming to the Standards for Jams, Jellies and Marmalades (CXS 296-2009) at a maximum level of 10 mg/kg.
- Note XS36 Excluding products conforming to the Standard for Quick Frozen Finfish, Uneviscerated and Eviscerated (CODEX STAN 36-1981).
- Note XS92 Excluding products conforming to the Standard for Quick Frozen Shrimps and Prawns (CODEX STAN 92-1981).
- Note XS95 Excluding products conforming to the Standard for Quick Frozen Lobsters (CODEX STAN 95-1981).
- Note XS165 Excluding products conforming to the Standard for Quick Frozen Blocks of Fish Fillet, Minced Fish Flesh and Mixtures of Fillets and Minced Fish Flesh (CODEX STAN 165-1989).
- Note XS166 Excluding 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).
- Note XS189 Excluding products conforming to the Standard for Dried Shark Fins (CODEX STAN 189-1993).
- Note XS190 Excluding products conforming to the Standard for Quick Frozen Fish Fillets (CODEX STAN 190-1995).
- Note XS191 Excluding products conforming to the Standard for Quick Frozen Raw Squid (CODEX STAN 191-1995).
- Note XS208 Excluding products conforming to the Standard for Cheese in Brine (CODEX STAN 208-1999).
- 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 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).
- 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 XS244 Excluding products conforming to the Standard for Salted Atlantic Herring and Salted Sprat (CODEX STAN 244-2004).
- Note XS263 Excluding products conforming to the Standard for Cheddar (CXS 263-1966).
- Note XS264 Excluding products conforming to the Standard for Danbo (CXS 264-1966).
- Note XS265 Excluding products conforming to the Standard for Edam (CXS 265-1966).
- Note XS266 Excluding products conforming to the Standard for Gouda (CXS 266-1966).
- Note XS267 Excluding products conforming to the Standard for Havarti (CXS 267-1966).
- Note XS268 Excluding products conforming to the Standard for Samsø (CXS 268-1966).
- Note XS269 Excluding products conforming to the Standard for Emmental (CXS 269-1967).
- Note XS270 Excluding products conforming to the Standard for Tilsiter (CXS 270-1968).
- Note XS271 Excluding products conforming to the Standard for Saint-Paulin (CXS 271-1968).
- Note XS272 Excluding products conforming to the Standard for Provolone (CXS 272-1968).
- Note XS274 Excluding products conforming to the Standard for Coulommiers (CXS 274-1969).
- Note XS276 Excluding products conforming to the Standard for Camembert (CXS 276-1973).
- Note XS277 Excluding products conforming to the Standard for Brie (CXS 277-1973).

A.3- Provisions from CX/FA 24/54/7 Appendix 5

Food Category No.	02.1.3	Lard, tallow, fish oil, and other animal fats			
Additive	INS	Step	Year	Max Level	Notes

TRISODIUM CITRATE	331(iii)	7		GMP	
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Food Category No.	12.9.2.1	Fermented soybean sauce			
Additive	INS	Step	Year	Max Level	Notes

BENZOATES	210-213	3		1000 mg/kg	13
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Food Category No.	12.9.2.2	Non-fermented soybean sauce			
Additive	INS	Step	Year	Max Level	Notes

BENZOATES	210-213	3		1000 mg/kg	13
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Food Category No.	12.9.2.3	Other soybean sauces			
Additive	INS	Step	Year	Max Level	Notes

BENZOATES	210-213	3		1000 mg/kg	13
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Notes to the General Standard for Food Additives

Note 13 As benzoic acid.