



# Codex General Standard for Food Additives

## TABLE ONE

### Additives Permitted for Use Under Specified Conditions in Certain Food Categories or Individual Food Items

#### ACESULFAME POTASSIUM

Acesulfame Potassium

INS: 950

Function: Flavour Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	500 mg/kg		5
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	GMP		5
01.3.2	Beverage whiteners	GMP		5
01.4	Cream (plain) and the like	GMP		5
01.5.1	Milk powder and cream powder	GMP		5
01.6.1	Unripened cheese	GMP		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	1000 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	1000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	800 mg/kg		5
04.1.2.1	Frozen fruit	500 mg/kg		5
04.1.2.2	Dried fruit	500 mg/kg		5
04.1.2.3	Fruit in vinegar, oil, or brine	200 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	350 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	500 mg/kg		3
04.1.2.5	Jams, jellies, marmelades	1000 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	1000 mg/kg		5
04.1.2.7	Candied fruit	500 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	1000 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	1000 mg/kg		5
04.1.2.10	Fermented fruit products	1000 mg/kg		5
04.1.2.11	Fruit fillings for pastries	1000 mg/kg		5
04.1.2.12	Cooked or dried fruit	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	200 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	350 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	2500 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	350 mg/kg		5
04.2.2.7	Fermented vegetable products	GMP		3
04.2.2.7	Fermented vegetable products	2500 mg/kg		5
05.1.1	Cocoa mixes (powders and syrups)	2500 mg/kg		5
05.1.2	Cocoa-based spreads, including fillings	2500 mg/kg		5

Function: Flavour Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	500 mg/kg		5
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	1000 mg/kg		3
05.1.4	Imitation chocolate, chocolate substitute products	2500 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	3500 mg/kg		5
05.3	Chewing gum	5000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	1200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	350 mg/kg		5
07.1	Bread and ordinary bakery wares	GMP		5
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	1000 mg/kg		5
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	2000 mg/kg		5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	1000 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	600 mg/kg		3
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
10.4	Egg-based desserts (e.g., custard)	350 mg/kg		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	1000 mg/kg		5
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	GMP		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		3
12.3	Vinegars	GMP		5
12.4	Mustards	350 mg/kg		5
12.5	Soups and broths	110 mg/kg		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	1000 mg/kg		5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	350 mg/kg		5
12.6.3	Mixes for sauces and gravies	350 mg/kg		5
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 05.1.2	1000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	450 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	450 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	500 mg/kg		5
13.6	Food supplements	2000 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	600 mg/kg		5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	600 mg/kg		5
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	500 mg/kg		5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	500 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	600 mg/kg		5

## ACESULFAME POTASSIUM

## DRAFT GSFA - TABLE ONE

Function: Flavour Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		5
14.2.1	Beer and malt beverages	350 mg/kg		5
14.2.2	Cider and perry	350 mg/kg		5
14.2.3	Wines	350 mg/kg		5
14.2.4	Fruit wine	GMP		5
14.2.5	Mead	GMP		5
14.2.6.1	Spiritous beverages containing more than 15% alcohol	GMP		5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	350 mg/kg		5
15.0	Ready-to-eat savouries	1000 mg/kg		5

**ACETIC ACID, GLACIAL**

Acetic Acid, Glacial

INS: 260

Function: Acidity Regulator, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	GMP		3
02.1	Fats and oils essentially free from water	5000 mg/kg		3
04.2.1	Fresh vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
12.8	Yeast	GMP		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3

**ACETIC AND FATTY ACID ESTERS OF GLYCEROL**

Acetic and Fatty Acid Esters of Glycerol

INS: 472a

Function: Emulsifier, Stabilizer, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	10000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	10000 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		3
02.2.1.1	Butter and concentrated butter	10000 mg/kg	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.1	Whole, broken, or flaked grain, including rice	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3

Function: Emulsifier, Stabilizer, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.1	Salt	5000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	5000 mg/kg	Note 51	3
12.8	Yeast	5000 mg/kg		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**ACETYLATED DISTARCH ADIPATE**

Acetylated Distarch Adipate

INS: 1422

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.1	Infant formulae and follow-on formulae	25000 mg/kg		3
13.2	Weaning foods for infants and young children	60000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

**ACETYLATED DISTARCH PHOSPHATE**

Acetylated Distarch Phosphate

INS: 1414

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
04.2.2.1	Frozen vegetables	10000 mg/kg		3

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	25000 mg/kg		3
13.2	Weaning foods for infants and young children	60000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3
14.2.3.4	Aromatized wine	GMP		3

## ACID TREATED STARCH

Acid Treated Starch

INS: 1401

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

## ADIPATES

Adipic Acid

INS: 355

Sodium Adipate

INS: 356

Potassium Adipate

INS: 357

Ammonium Adipate

INS: 359

Function: Acidity Regulator, Firming Agent, Raising Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	GMP	Note 1	5
01.3.2	Beverage whiteners	4500 mg/kg	Note 1	5
01.6.4	Processed cheese	5000 mg/kg	Note 1	3
01.6.5	Cheese analogues	5000 mg/kg	Note 1	3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	6000 mg/kg	Note 1	5
02.1	Fats and oils essentially free from water	3000 mg/kg	Note 1	5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP	Note 1	5

Function: Acidity Regulator, Firming Agent, Raising Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	6000 mg/kg	Note 1	5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	10000 mg/kg	Note 1	3
03.0	Edible ices, including sherbert and sorbet	2000 mg/kg	Note 1	5
04.1.2.5	Jams, jellies, marmelades	2000 mg/kg	Note 1	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	2000 mg/kg	Note 1	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	10000 mg/kg	Note 1	3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	6000 mg/kg	Note 1	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	10000 mg/kg	Note 1	3
04.1.2.11	Fruit fillings for pastries	2000 mg/kg	Note 1	5
04.1.2.11	Fruit fillings for pastries	10000 mg/kg	Note 1	3
04.2.2.3	Vegetables in vinegar, oil, or brine	50000 mg/kg	Note 1	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	6000 mg/kg	Note 1	5
04.2.2.8	Cooked or fried vegetables	1000 mg/kg	Note 1	3
05.1.2	Cocoa-based spreads, including fillings	2000 mg/kg	Note 1	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	10000 mg/kg	Note 1	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	30000 mg/kg	Note 1	3
05.3	Chewing gum	30000 mg/kg	Note 1	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	2000 mg/kg	Note 1	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	10000 mg/kg	Note 1	3
06.4	Pastas and noodles	1000 mg/kg	Note 1	3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	6000 mg/kg	Note 1	5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	10000 mg/kg	Note 1	3
06.6	Batters (e.g., for breading or batters for fish or poultry)	1000 mg/kg	Note 1	3
07.0	Bakery wares	500 mg/kg	Note 1	5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	3000 mg/kg	Note 1	5
08.3	Processed comminuted meat, poultry, and game products	3000 mg/kg	Note 1	5
10.4	Egg-based desserts (e.g., custard)	6000 mg/kg	Note 1	5
10.4	Egg-based desserts (e.g., custard)	10000 mg/kg	Note 1	3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	50000 mg/kg	Note 1	5
12.5	Soups and broths	20 mg/kg	Note 1	3
12.6	Sauces and like products	1000 mg/kg	Note 1	5
12.6	Sauces and like products	10000 mg/kg	Note 1	3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	10000 mg/kg	Notes 1 & 2	5
14.1.4.1	Carbonated drinks	2000 mg/kg	Note 1	3
14.1.4.2	Non-carbonated, including punches and ades	2000 mg/kg	Note 1	3
14.1.4.3	Concentrates (liquid or solid) for drinks	10000 mg/kg	Note 1	3
14.2.1	Beer and malt beverages	GMP	Note 1	5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	13000 mg/kg	Note 1	5

## ADIPATES

## DRAFT GSFA - TABLE ONE

Function: Acidity Regulator, Firming Agent, Raising Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	1000 mg/kg	Notes 1 & 2	3

**AGAR**

Agar

INS: 406

Function: Bulking Agent, Emulsifier, Filler, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	4000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	2000 mg/kg	Note 52	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	20000 mg/kg	Notes 3 & 53	3
09.2.4.1	Cooked fish	GMP		3
14.2.3	Wines	GMP		3

**ALGINIC ACID**

Alginate Acid

INS: 400

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	6000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.4.1	Pasteurized cream	100 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.1	Infant formulae and follow-on formulae	300 mg/kg		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3

**ALITAME**

Alitame

INS: 956

Function: Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	100 mg/kg		5
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	60 mg/kg		5
01.4	Cream (plain) and the like	100 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg		5

Function: Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
03.0	Edible ices, including sherbert and sorbet	100 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	100 mg/kg		5
05.0	Confectionary	300 mg/kg		5
07.0	Bakery wares	200 mg/kg		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	100 mg/kg		5
12.5	Soups and broths	40 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	40 mg/kg		5

## ALKALINE TREATED STARCH

Alkaline Treated Starch

INS: 1402

Function: Bulking Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

## ALLURA RED AC

Allura Red AC

INS: 129

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	300 mg/kg		5
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	50 mg/kg		5
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	50 mg/kg		3
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	100 mg/kg		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	300 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		5
02.2.1.1	Butter and concentrated butter	300 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	300 mg/kg		3



Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
03.0	Edible ices, including sherbert and sorbet	300 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.7	Candied fruit	300 mg/kg		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	800 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	300 mg/kg		3
04.1.2.11	Fruit fillings for pastries	800 mg/kg		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	300 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	348 mg/kg		5
05.3	Chewing gum	467 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	280 mg/kg		5
06.3	Breakfast cereals, including rolled oats	300 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	300 mg/kg		3
07.0	Bakery wares	300 mg/kg		3
07.1.1	Breads and rolls	300 mg/kg		5
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	2197 mg/kg		5
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	200 mg/kg		5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	200 mg/kg		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	500 mg/kg	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	25 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	500 mg/kg	Note 3	5
08.3.1	Non-heat treated processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	25 mg/kg		5
08.3.3	Frozen processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.4	Edible casings (e.g., sausage casings)	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	300 mg/kg		3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	300 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	300 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		5
14.1.4.1	Carbonated drinks	300 mg/kg		5
14.1.4.2	Non-carbonated, including punches and ades	300 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	1572 mg/kg		5
14.2.1	Beer and malt beverages	89 mg/kg		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.1	Still wine	89 mg/kg		5
14.2.3.2	Sparkling and semi-sparkling wines	89 mg/kg		5
14.2.3.3	Fortified wine and liquor wine	89 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6.1	Spiritous beverages containing more than 15% alcohol	300 mg/kg		5
14.2.6.2	Spiritous beverages containing less than 15% alcohol	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

**ALPHA-AMYLASE (ASPERGILLUS ORYZAE VAR.)**Alpha-Amylase (*Aspergillus oryzae* var.) INS: 1100

Function: Adjuvant, Enzyme, Flour Treatment Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.1	Whole, broken, or flaked grain, including rice	GMP		3
06.2	Flours and starches	GMP		8
06.4	Pastas and noodles	GMP	Note 54	3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5

**ALUMINIUM AMMONIUM SULPHATE**

Aluminium Ammonium Sulphate INS: 523

Function: Firming Agent, Raising Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.7	Candied fruit	200 mg/kg	Note 6	5
04.2.2.3	Vegetables in vinegar, oil, or brine	GMP	Note 6	3
04.2.2.3	Vegetables in vinegar, oil, or brine	200 mg/kg	Note 6	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg	Note 6	5
06.2	Flours and starches	GMP	Note 6	5
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg	Note 6	3
10.2	Egg products	30 mg/kg	Note 6	5
10.4	Egg-based desserts (e.g., custard)	2000 mg/kg	Note 6	3
14.2.1	Beer and malt beverages	GMP	Note 6	5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	2000 mg/kg	Notes 2 & 6	3

**ALUMINIUM SILICATE**

Aluminium Silicate INS: 559

Function: Adjuvant, Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.1	Whole, broken, or flaked grain, including rice	GMP		3
12.1	Salt	10000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	10000 mg/kg	Note 51	3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.2.3	Wines	GMP		3

**AMARANTH**

Amaranth

INS: 123

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	300 mg/kg		5
01.6.2.2	Rind of ripened cheese	100 mg/kg		5
01.6.4	Processed cheese	100 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	300 mg/kg		3
02.2.1.1	Butter and concentrated butter	300 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	100 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	300 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	300 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	300 mg/kg		5
04.1.2.7	Candied fruit	300 mg/kg		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	300 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	100 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	300 mg/kg		3
04.1.2.11	Fruit fillings for pastries	100 mg/kg		5
04.1.2.11	Fruit fillings for pastries	300 mg/kg		3
04.2.2.3	Vegetables in vinegar, oil, or brine	300 mg/kg		5
05.1.2	Cocoa-based spreads, including fillings	100 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	100 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	100 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	300 mg/kg		3
06.3	Breakfast cereals, including rolled oats	100 mg/kg		5
06.3	Breakfast cereals, including rolled oats	300 mg/kg		3
06.4	Pastas and noodles	100 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	100 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	300 mg/kg		3
06.6	Batters (e.g., for breading or batters for fish or poultry)	100 mg/kg		5
07.0	Bakery wares	300 mg/kg		3
07.1.1	Breads and rolls	300 mg/kg		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	30 mg/kg		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		3
09.2.4.1	Cooked fish	300 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		3

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		5
09.3.3	Salmon substitutes, caviar, and other fish roe products	300 mg/kg		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	30 mg/kg		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		3
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	100 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	300 mg/kg		3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	300 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	300 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	300 mg/kg		3
12.5	Soups and broths	300 mg/kg		3
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	300 mg/kg		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.3.4	Aromatized wine	100 mg/kg		5
14.2.4	Fruit wine	30 mg/kg		5
14.2.6.1	Spirituous beverages containing more than 15% alcohol	300 mg/kg		5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	30 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	300 mg/kg		3

## AMMONIUM ALGINATE

Ammonium Alginate

INS: 403

Function: Emulsifier, Thickener, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.4.1	Pasteurized cream	100 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.1	Fats and oils essentially free from water	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.1	Infant formulae and follow-on formulae	300 mg/kg		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3

## AMMONIUM CARBONATE

Ammonium Carbonate

INS: 503i

## AMMONIUM CARBONATE

## DRAFT GSFA - TABLE ONE

Function: Acidity Regulator, Raising Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
13.2	Weaning foods for infants and young children	GMP		3

## AMMONIUM HYDROGEN CARBONATE

Ammonium Hydrogen Carbonate

INS: 503ii

Function: Acidity Regulator, Raising Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
13.2	Weaning foods for infants and young children	GMP		3

## ANNATTO EXTRACTS

Annatto Extracts

INS: 160b

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	50 mg/kg	Note 8	5
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	50 mg/kg		5
01.6.1	Unripened cheese	50 mg/kg	Note 74	5
01.6.2.1	Total ripened cheese, includes rind	600 mg/kg		5
01.6.2.2	Rind of ripened cheese	50 mg/kg	Note 74	5
01.6.2.3	Cheese powder (for reconstitution; e.g., for cheese sauces)	50 mg/kg	Note 74	5
01.6.3	Whey cheese	50 mg/kg	Note 74	5
01.6.4	Processed cheese	50 mg/kg	Note 74	5
01.6.5	Cheese analogues	50 mg/kg	Note 74	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg		5
02.1	Fats and oils essentially free from water	10 mg/kg	Note 9	5
02.2.1	Emulsions containing at least 80% fat	100 mg/kg		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	20 mg/kg	Note 9	5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	30 mg/kg	Note 9	3
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	10 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	10 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	100 mg/kg	Note 9	5
04.1.1.2	Surface-treated fruit	20 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		5
04.1.2.5	Jams, jellies, marmelades	200 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	GMP		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	20 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.11	Fruit fillings for pastries	GMP		5
04.2.1.2	Surface-treated vegetables	20 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	300 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	10 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	15 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	25 mg/kg	Note 9	3
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	15 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	25 mg/kg	Note 9	3
05.3	Chewing gum	1000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	20 mg/kg	Note 8	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	30 mg/kg	Note 9	3
06.3	Breakfast cereals, including rolled oats	75 mg/kg	Note 8	5
06.4	Pastas and noodles	GMP		5
06.4	Pastas and noodles	12 mg/kg	Note 8	3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	10 mg/kg		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
07.1	Bread and ordinary bakery wares	GMP		3
07.2	Fine bakery wares	10 mg/kg		5
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	15 mg/kg	Note 9	3
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	40 mg/kg	Note 9	3
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	15 mg/kg	Note 9	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	20 mg/kg	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	20 mg/kg	Note 3	5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	50 mg/kg	Note 9	3
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg	Note 3	5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg	Note 3	5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	50 mg/kg	Note 9	3
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	20 mg/kg	Note 3	5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	50 mg/kg	Note 9	3
08.3.3	Frozen processed comminuted meat, poultry, and game products	20 mg/kg	Note 3	5
08.4	Edible casings (e.g., sausage casings)	20 mg/kg		5
08.4	Edible casings (e.g., sausage casings)	60 mg/kg	Note 9	3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	20 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	10 mg/kg	Note 8	5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	20 mg/kg	Note 9	5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	30 mg/kg	Note 9	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	10 mg/kg	Note 8	5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	10 mg/kg	Note 8	5
09.2.4.1	Cooked fish	30 mg/kg	Note 9	3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	15 mg/kg	Note 9	3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	15 mg/kg	Note 9	3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	10 mg/kg		5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	15 mg/kg	Note 9	3
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	10 mg/kg	Note 8	5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	15 mg/kg	Note 9	3
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	10 mg/kg	Note 8	5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	10 mg/kg		5
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	20 mg/kg	Note 8	5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	30 mg/kg	Note 9	3
12.4	Mustards	100 mg/kg	Note 8	3
12.5	Soups and broths	150 mg/kg	Note 8	3
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	30 mg/kg		5
12.6	Sauces and like products	100 mg/kg	Note 8	3
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	400 mg/kg		5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	29 mg/kg		5
12.6.3	Mixes for sauces and gravies	20 mg/kg	Note 8	5
12.9	Protein products	GMP		5
13.6	Food supplements	GMP		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	50 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.3	Wines	GMP		5
14.2.6	Spiritous beverages	10 mg/kg		5
15.0	Ready-to-eat savouries	20 mg/kg		5
15.0	Ready-to-eat savouries	300 mg/kg	Note 9	3
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	200 mg/kg		5



**ASCORBIC ACID**

Ascorbic Acid

INS: 300

Function: Antioxidant, Colour Retention Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	200 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1	Fresh fruit	500 mg/kg		3
04.2.1	Fresh vegetables	500 mg/kg		3
04.2.2.1	Frozen vegetables	100 mg/kg		3
06.2	Flours and starches	300 mg/kg		3
08.1	Fresh meat, poultry and game	2000 mg/kg		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	400 mg/kg		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		3
12.8	Yeast	200 mg/kg		3
13.1	Infant formulae and follow-on formulae	50 mg/kg		3
13.2	Weaning foods for infants and young children	3000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	540 mg/kg		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	400 mg/kg	Note 72	3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	400 mg/kg		3
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	300 mg/kg		3
14.2.3	Wines	200 mg/kg		3

**ASCORBYL ESTERS**

Ascorbyl Palmitate

INS: 304

Ascorbyl Stearate

INS: 305

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.3.2	Beverage whiteners	80 mg/kg	Note 10	5
01.5.1	Milk powder and cream powder	500 mg/kg	Note 10	5
01.5.2	Milk powder and cream powder analogues	80 mg/kg	Note 10	5
01.6.2.1	Total ripened cheese, includes rind	500 mg/kg	Note 10	3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	500 mg/kg	Notes 2 & 10	3
02.1.1	Butter oil, anhydrous milkfat, ghee	500 mg/kg	Note 10	5
02.1.2	Vegetable oils and fats	500 mg/kg	Note 10	5
02.1.3	Lard, tallow, fish oil and other animal fats	500 mg/kg	Note 10	5
02.2	Fat emulsions mainly of type water-in-oil	500 mg/kg	Note 10	5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	80 mg/kg	Note 10	5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	500 mg/kg	Note 10	3
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	80 mg/kg	Note 10	5
03.0	Edible ices, including sherbert and sorbet	200 mg/kg	Notes 10 & 15	3
04.1.2.2	Dried fruit	80 mg/kg	Note 10	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	500 mg/kg	Notes 2 & 10	3

ASCORBYL ESTERS

DRAFT GSFA - TABLE ONE

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.2	Dried vegetables	80 mg/kg	Note 10	5
05.0	Confectionary	500 mg/kg	Notes 10 & 15	3
05.3	Chewing gum	GMP	Note 10	5
06.3	Breakfast cereals, including rolled oats	200 mg/kg	Note 10	5
06.4	Pastas and noodles	GMP	Note 10	3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	500 mg/kg	Notes 2 & 10	3
07.1.1	Breads and rolls	500 mg/kg	Note 10	5
07.2	Fine bakery wares	200 mg/kg	Note 10	5
08.4	Edible casings (e.g., sausage casings)	5000 mg/kg	Note 10	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg	Note 10	5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg	Note 10	5
10.4	Egg-based desserts (e.g., custard)	500 mg/kg	Notes 2 & 10	3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	200 mg/kg	Note 10	5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	500 mg/kg	Note 10	3
12.1	Salt	500 mg/kg	Note 10	3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	200 mg/kg	Note 10	5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg	Note 10	3
12.5	Soups and broths	200 mg/kg	Note 10	5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	500 mg/kg	Notes 10 & 15	5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	200 mg/kg	Note 10	5
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 05.1.2	200 mg/kg	Note 10	5
12.8	Yeast	200 mg/kg	Note 10	5
13.1	Infant formulae and follow-on formulae	50 mg/kg	Note 10	5
13.2	Weaning foods for infants and young children	1000 mg/kg	Note 10	5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	1000 mg/kg	Note 10	5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg	Note 10	5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Notes 10 & 15	3
15.0	Ready-to-eat savouries	200 mg/kg	Note 10	5

**ASPARTAME**

Aspartame

INS: 951

Function: Flavor Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	600 mg/kg		5
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	2000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		5
01.3.2	Beverage whiteners	GMP		5

## ASPARTAME

## DRAFT GSFA - TABLE ONE

Function: Flavor Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		5
01.4.3	Clotted cream	GMP		3
01.4.4	Cream analogues	1000 mg/kg		3
01.5.1	Milk powder and cream powder	GMP		3
01.5.2	Milk powder and cream powder analogues	2000 mg/kg		3
01.6.1	Unripened cheese	GMP		3
01.6.5	Cheese analogues	1000 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	3000 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	3000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	800 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	3000 mg/kg		3
04.1.2.1	Frozen fruit	GMP		3
04.1.2.1	Frozen fruit	2000 mg/kg		5
04.1.2.2	Dried fruit	3000 mg/kg		3
04.1.2.3	Fruit in vinegar, oil, or brine	300 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	1000 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	1000 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	2000 mg/kg		5
04.1.2.7	Candied fruit	2000 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	2000 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	3000 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	2000 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	3000 mg/kg		3
04.1.2.10	Fermented fruit products	2000 mg/kg		3
04.1.2.11	Fruit fillings for pastries	2000 mg/kg		5
04.1.2.11	Fruit fillings for pastries	3000 mg/kg		3
04.1.2.12	Cooked or dried fruit	2000 mg/kg		3
04.2.2.1	Frozen vegetables	1000 mg/kg		3
04.2.2.2	Dried vegetables	1000 mg/kg		3
04.2.2.3	Vegetables in vinegar, oil, or brine	300 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	1000 mg/kg		3
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	3000 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	1000 mg/kg		5
04.2.2.7	Fermented vegetable products	2500 mg/kg		3
04.2.2.8	Cooked or fried vegetables	1000 mg/kg		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	2500 mg/kg		3
05.1.1	Cocoa mixes (powders and syrups)	3000 mg/kg		5
05.1.2	Cocoa-based spreads, including fillings	3000 mg/kg		5
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	2000 mg/kg		5
05.1.4	Imitation chocolate, chocolate substitute products	3000 mg/kg		5

## ASPARTAME

## DRAFT GSFA - TABLE ONE

Function: Flavor Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	6000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	10000 mg/kg		3
05.3	Chewing gum	10000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	1000 mg/kg		5
06.3	Breakfast cereals, including rolled oats	5000 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	1000 mg/kg		5
07.0	Bakery wares	4000 mg/kg		3
07.2	Fine bakery wares	5000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	300 mg/kg		3
08.3	Processed comminuted meat, poultry, and game products	300 mg/kg		3
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		3
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		5
10.2.3	Dried and/or heat coagulated egg products	1000 mg/kg		3
10.4	Egg-based desserts (e.g., custard)	1000 mg/kg		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	3000 mg/kg		5
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	GMP		5
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	1000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	2000 mg/kg		5
12.4	Mustards	350 mg/kg		5
12.5	Soups and broths	110 mg/kg		5
12.5	Soups and broths	600 mg/kg		3
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	2000 mg/kg		5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	2000 mg/kg		5
12.6.3	Mixes for sauces and gravies	350 mg/kg		5
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 05.1.2	1000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	800 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	800 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	2000 mg/kg		5
13.6	Food supplements	5500 mg/kg		5
14.1.2	Fruit and vegetable juices	2000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	1000 mg/kg		5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	1000 mg/kg		5
14.1.3	Fruit and vegetable nectars	2000 mg/kg		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	1000 mg/kg		5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	1000 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		5

ASPARTAME

DRAFT GSFA - TABLE ONE

Function: Flavor Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.1	Beer and malt beverages	600 mg/kg		5
14.2.1	Beer and malt beverages	1000 mg/kg		3
14.2.2	Cider and perry	600 mg/kg		5
14.2.3	Wines	600 mg/kg		5
14.2.3	Wines	1000 mg/kg		3
14.2.4	Fruit wine	700 mg/kg		3
14.2.5	Mead	700 mg/kg		3
14.2.6.1	Spirituous beverages containing more than 15% alcohol	700 mg/kg		3
14.2.6.2	Spirituous beverages containing less than 15% alcohol	600 mg/kg		5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	1000 mg/kg		3
15.0	Ready-to-eat savouries	500 mg/kg		5

**AZODICARBONAMIDE**

Azodicarbonamide

INS: 927a

Function: Adjuvant, Flour Treatment Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.2	Flours and starches	45 mg/kg		8

**AZORUBINE**

Azorubine

INS: 122

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	57 mg/kg	Note 12	5
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	150 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	50 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5
08.0	Meat and meat products, including poultry and game	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	50 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.2	Cider and perry	200 mg/kg		5

## AZORUBINE

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

**BEESWAX, WHITE AND YELLOW**

Beeswax, White and Yellow

INS: 901

Function: Bulking Agent, Glazing Agent, Release Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1.2	Surface-treated fruit	GMP		5
04.2.1.2	Surface-treated vegetables	GMP		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	4000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	4000 mg/kg		5
05.3	Chewing gum	150000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	4000 mg/kg		5
07.2	Fine bakery wares	500 mg/kg		5
13.6	Food supplements	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP	Notes 3 & 5	5
14.2.6	Spiritous beverages	20 mg/kg		5
15.0	Ready-to-eat savouries	GMP		5

**BEET RED**

Beet Red

INS: 162

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.1	Fats and oils essentially free from water	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.4	Pastas and noodles	GMP	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		3

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4.1	Cooked fish	GMP		3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.1	Fresh eggs	GMP	Notes 3 & 4	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.2.3	Wines	GMP		3

## BENZOATES

Benzoic Acid	INS: 210	Sodium Benzoate	INS: 211
Potassium Benzoate	INS: 212	Calcium Benzoate	INS: 213

Function: Antioxidant, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	50 mg/kg	Notes 12 & 13	5
01.6.2	Ripened cheese	2000 mg/kg	Note 13	5
01.6.4	Processed cheese	2000 mg/kg	Note 13	5
01.6.5	Cheese analogues	2000 mg/kg	Note 13	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	300 mg/kg	Note 13	5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	1000 mg/kg	Note 13	5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	1000 mg/kg	Note 13	5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	1000 mg/kg	Note 13	5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	1000 mg/kg	Note 13	3
03.0	Edible ices, including sherbert and sorbet	500 mg/kg	Note 13	5
03.0	Edible ices, including sherbert and sorbet	1000 mg/kg	Note 13	3
04.1.1	Fresh fruit	1000 mg/kg	Note 13	5
04.1.2.1	Frozen fruit	800 mg/kg	Note 13	5
04.1.2.2	Dried fruit	800 mg/kg	Note 13	5
04.1.2.3	Fruit in vinegar, oil, or brine	1000 mg/kg	Note 13	5
04.1.2.4	Canned or bottled (pasteurized) fruit	1000 mg/kg	Note 13	5
04.1.2.5	Jams, jellies, marmelades	1000 mg/kg	Note 13	5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	1000 mg/kg	Note 13	5
04.1.2.7	Candied fruit	1000 mg/kg	Note 13	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	800 mg/kg	Note 13	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	1000 mg/kg	Note 13	3



BENZOATES

DRAFT GSFA - TABLE ONE

Function: Antioxidant, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	800 mg/kg	Note 13	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	1000 mg/kg	Note 13	3
04.1.2.10	Fermented fruit products	1000 mg/kg	Note 13	5
04.1.2.11	Fruit fillings for pastries	800 mg/kg	Note 13	5
04.1.2.11	Fruit fillings for pastries	1000 mg/kg	Note 13	3
04.1.2.12	Cooked or dried fruit	1000 mg/kg	Note 13	5
04.2.1	Fresh vegetables	1000 mg/kg	Note 13	5
04.2.2.1	Frozen vegetables	1000 mg/kg	Note 13	5
04.2.2.2	Dried vegetables	1000 mg/kg	Note 13	5
04.2.2.3	Vegetables in vinegar, oil, or brine	2000 mg/kg	Note 13	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	1000 mg/kg	Note 13	5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	1000 mg/kg	Note 13	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	3000 mg/kg	Note 13	5
04.2.2.7	Fermented vegetable products	1000 mg/kg	Note 13	5
04.2.2.8	Cooked or fried vegetables	1000 mg/kg	Note 13	5
05.1.1	Cocoa mixes (powders and syrups)	1500 mg/kg	Note 13	5
05.1.2	Cocoa-based spreads, including fillings	1500 mg/kg	Note 13	5
05.1.4	Imitation chocolate, chocolate substitute products	1500 mg/kg	Note 13	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	1500 mg/kg	Note 13	5
05.3	Chewing gum	1500 mg/kg	Note 13	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	1500 mg/kg	Note 13	5
06.2	Flours and starches	500 mg/kg	Note 13	5
06.4	Pastas and noodles	1000 mg/kg	Note 13	3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	1000 mg/kg	Note 13	3
07.0	Bakery wares	1000 mg/kg	Note 13	3
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	GMP	Note 13	5
07.2	Fine bakery wares	1000 mg/kg	Note 13	5
08.2.1.1	Cured (including salted) non-heat treated processed meat, poultry, and game products in whole pieces or cuts	1000 mg/kg	Notes 3 & 13	5
08.2.1.2	Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts	1000 mg/kg	Notes 3 & 13	5
08.2.2	Heat-treated processed meat, poultry, and game products in whole pieces or cuts	1000 mg/kg	Notes 3 & 13	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg	Notes 3 & 13	5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	750 mg/kg	Note 13	3
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg	Notes 3 & 13	5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	1000 mg/kg	Note 13	5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	6000 mg/kg	Note 13	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg	Note 13	5
09.3.1	Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly	2000 mg/kg	Note 13	5

## BENZOATES

## DRAFT GSFA - TABLE ONE

Function: Antioxidant, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
09.3.2	Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine	2000 mg/kg	Note 13	5
09.3.3	Salmon substitutes, caviar, and other fish roe products	2500 mg/kg	Note 13	5
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	2000 mg/kg	Note 13	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg	Note 13	5
10.2.1	Liquid egg products	5000 mg/kg	Note 13	5
10.4	Egg-based desserts (e.g., custard)	1000 mg/kg	Note 13	3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	1000 mg/kg	Note 13	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	600 mg/kg	Note 13	5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	1000 mg/kg	Note 13	3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	1000 mg/kg	Note 13	5
12.3	Vinegars	1000 mg/kg	Note 13	5
12.4	Mustards	1500 mg/kg	Note 13	5
12.5	Soups and broths	500 mg/kg	Note 13	5
12.5	Soups and broths	1000 mg/kg	Note 13	3
12.6	Sauces and like products	1000 mg/kg	Note 13	5
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 05.1.2	1500 mg/kg	Note 13	5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	1500 mg/kg	Note 13	5
13.4	Dietetic formulae for slimming purposes and weight reduction	1500 mg/kg	Note 13	5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	2000 mg/kg	Note 13	5
14.1.1.2	Table waters and soda waters	200 mg/kg	Note 13	5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	2100 mg/kg	Note 13	5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	2000 mg/kg	Note 13	5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	2100 mg/kg	Note 13	5
14.1.2.4	Concentrates (liquid or solid) for vegetable juice	1400 mg/kg	Note 13	5
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	2000 mg/kg	Note 13	5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	2000 mg/kg	Note 13	5
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	2100 mg/kg	Note 13	5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	500 mg/kg	Note 13	5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	1000 mg/kg	Note 13	3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Note 13	5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	600 mg/kg	Note 13	5
14.2.1	Beer and malt beverages	200 mg/kg	Note 13	5
14.2.1	Beer and malt beverages	1000 mg/kg	Note 13	3
14.2.2	Cider and perry	200 mg/kg	Note 13	5
14.2.2	Cider and perry	1000 mg/kg	Note 13	3
14.2.3	Wines	800 mg/kg	Note 13	5
14.2.3	Wines	1000 mg/kg	Note 13	3
14.2.4	Fruit wine	800 mg/kg	Note 13	5
14.2.4	Fruit wine	1000 mg/kg	Note 13	3
14.2.5	Mead	200 mg/kg	Note 13	5
14.2.5	Mead	1000 mg/kg	Note 13	3

BENZOATES

DRAFT GSFA - TABLE ONE

Function: Antioxidant, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.6	Spirituous beverages	400 mg/kg	Note 13	5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	1000 mg/kg	Note 13	3
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	500 mg/kg	Note 13	5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	1000 mg/kg	Note 13	3
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	1000 mg/kg	Note 13	5

**BENZOYL PEROXIDE**

Benzoyl Peroxide

INS: 928

Function: Bleaching Agent (Not for Flour), Flour Treatment Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6.2.1	Total ripened cheese, includes rind	20 mg/kg	Note 14	5
01.6.2.1	Total ripened cheese, includes rind	1000 mg/kg	Note 55	3
01.8	Whey and whey products, excluding whey cheese	GMP		5
06.1	Whole, broken, or flaked grain, including rice	60 mg/kg		5
06.2	Flours and starches	300 mg/kg		5

**BHA**

Butylated Hydroxyanisole

INS: 320

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.3.1	Condensed milk (plain)	200 mg/kg		5
01.3.2	Beverage whiteners	100 mg/kg		5
01.5.1	Milk powder and cream powder	200 mg/kg	Note 15	5
01.5.2	Milk powder and cream powder analogues	100 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	2 mg/kg		5
02.1	Fats and oils essentially free from water	200 mg/kg	Note 15	5
02.2	Fat emulsions mainly of type water-in-oil	200 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	100 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	200 mg/kg		3
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	100 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	200 mg/kg	Note 15	3
04.1.2.2	Dried fruit	100 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	100 mg/kg		5
04.1.2.7	Candied fruit	32 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	2 mg/kg		5
04.1.2.12	Cooked or dried fruit	100 mg/kg		3
04.2.2.2	Dried vegetables	200 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	100 mg/kg		5
05.1.1	Cocoa mixes (powders and syrups)	100 mg/kg		5

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
05.1.2	Cocoa-based spreads, including fillings	100 mg/kg		5
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	90 mg/kg	Note 2	5
05.1.4	Imitation chocolate, chocolate substitute products	100 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	100 mg/kg		5
05.3	Chewing gum	750 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	90 mg/kg	Note 2	5
06.1	Whole, broken, or flaked grain, including rice	100 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg	Note 15	5
06.4	Pastas and noodles	100 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	2 mg/kg		5
07.1.1	Breads and rolls	50 mg/kg		5
07.1.2	Crackers, excluding sweet crackers	50 mg/kg		5
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	100 mg/kg		5
07.1.4	Bread-type products, including bread stuffing and bread crumbs	50 mg/kg		5
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	25 mg/kg		5
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	25 mg/kg		5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	200 mg/kg	Note 15	5
08.1	Fresh meat, poultry and game	100 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	200 mg/kg	Note 15	5
08.3	Processed comminuted meat, poultry, and game products	200 mg/kg		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg	Note 15	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	2 mg/kg		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	20 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	200 mg/kg	Note 15	5
12.4	Mustards	200 mg/kg		5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	200 mg/kg		5
12.5.2	Mixes for soups and broths	300 mg/kg	Note 15	5
12.6	Sauces and like products	200 mg/kg	Note 15	5
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 05.1.2	200 mg/kg		5
12.8	Yeast	1000 mg/kg		5
13.6	Food supplements	400 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Note 15	3
14.1.4.1	Carbonated drinks	2 mg/kg		5

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4.2	Non-carbonated, including punches and ades	2 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	90 mg/kg		5
15.0	Ready-to-eat savouries	200 mg/kg		5

**BHT**

Butylated Hydroxytoluene

INS: 321

Function: Adjuvant, Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.3.1	Condensed milk (plain)	200 mg/kg		5
01.3.2	Beverage whiteners	100 mg/kg		5
01.5	Milk powder and cream powder (plain)	100 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	90 mg/kg	Note 2	3
02.1	Fats and oils essentially free from water	200 mg/kg	Note 15	5
02.2.1	Emulsions containing at least 80% fat	200 mg/kg		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	100 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	100 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	200 mg/kg		3
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	100 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	100 mg/kg	Note 15	3
04.1.2.2	Dried fruit	100 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	100 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	90 mg/kg	Note 2	3
04.1.2.12	Cooked or dried fruit	100 mg/kg		3
04.2.2.2	Dried vegetables	200 mg/kg		5
05.1.1	Cocoa mixes (powders and syrups)	90 mg/kg		3
05.3	Chewing gum	750 mg/kg		5
06.1	Whole, broken, or flaked grain, including rice	200 mg/kg		5
06.3	Breakfast cereals, including rolled oats	50 mg/kg		5
06.4	Pastas and noodles	200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	90 mg/kg	Note 2	3
07.1.1	Breads and rolls	50 mg/kg		5
07.1.2	Crackers, excluding sweet crackers	50 mg/kg		5
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	200 mg/kg		5
07.1.4	Bread-type products, including bread stuffing and bread crumbs	50 mg/kg		5
07.2	Fine bakery wares	25 mg/kg		5
08.0	Meat and meat products, including poultry and game	100 mg/kg		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg	Note 15	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		5

BHT

## DRAFT GSFA - TABLE ONE

Function: Adjuvant, Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	90 mg/kg	Note 2	3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	20 mg/kg		5
12.4	Mustards	100 mg/kg		5
12.5	Soups and broths	100 mg/kg		5
12.6	Sauces and like products	100 mg/kg		5
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 05.1.2	100 mg/kg		5
12.8	Yeast	100 mg/kg		5
13.6	Food supplements	400 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Note 15	5
14.2.1	Beer and malt beverages	GMP		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	200 mg/kg		3

**BLEACHED STARCH**

Bleached Starch

INS: 1403

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

**BRILLIANT BLACK PN**

Brilliant Black PN

INS: 151

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	12 mg/kg	Note 12	5
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	150 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	300 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5
08.0	Meat and meat products, including poultry and game	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

## BRILLIANT BLUE FCF

Brilliant Blue FCF

INS: 133

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5
01.2.1	Fermented milks (plain)	150 mg/kg		3
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	100 mg/kg		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	3
01.6.5	Cheese analogues	100 mg/kg	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		5
02.2.1.1	Butter and concentrated butter	100 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	150 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5



Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.11	Fruit fillings for pastries	244 mg/kg		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	300 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
07.0	Bakery wares	100 mg/kg		3
07.1.1	Breads and rolls	100 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5
08.0	Meat and meat products, including poultry and game	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	100 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	100 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

**BROMELAIN**

Bromelain

INS: 1101iii

Function: Flavour Enhancer, Flour Treatment Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
14.2.3	Wines	GMP		3

**BROWN HT**

Brown HT

INS: 155

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	50 mg/kg		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	150 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	80 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5
08.0	Meat and meat products, including poultry and game	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	50 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
13.6	Food supplements	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

## CALCIUM ACETATE

Calcium Acetate

INS: 263

Function: Acidity Regulator, Preservative, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	1500 mg/kg		3
13.2	Weaning foods for infants and young children	GMP		3

## CALCIUM ALGINATE

Calcium Alginate

INS: 404

Function: Antifoaming Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	6000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.4.1	Pasteurized cream	100 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.1	Fats and oils essentially free from water	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		3
10.2.1	Liquid egg products	6000 mg/kg		3
10.2.2	Frozen egg products	6000 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.1	Infant formulae and follow-on formulae	300 mg/kg		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3
14.2.3	Wines	4000 mg/kg		3

## CALCIUM ALUMINIUM SILICATE (SYNTHETIC)

Calcium Aluminium Silicate (Synthetic)

INS: 556

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
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CALCIUM ALUMINIUM SILICATE (SYNTHETIC)

DRAFT GSFA - TABLE ONE

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.1	Whole, broken, or flaked grain, including rice	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	15000 mg/kg	Note 56	3
12.1	Salt	20000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	10000 mg/kg	Note 51	3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.2.3	Wines	GMP		3

**CALCIUM ASCORBATE**

Calcium Ascorbate

INS: 302

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1	Fresh fruit	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	400 mg/kg		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 15	3
13.1	Infant formulae and follow-on formulae	50 mg/kg		3
13.2	Weaning foods for infants and young children	3000 mg/kg		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	300 mg/kg		3
14.2.3	Wines	GMP		3

**CALCIUM CARBONATE**

Calcium Carbonate

INS: 170i

Function: Anticaking Agent, Acidity Regulator, Colour, Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.1	Whole, broken, or flaked grain, including rice	2220 mg/kg		3
06.2	Flours and starches	GMP	Note 57	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	1500 mg/kg		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3

CALCIUM CARBONATE

DRAFT GSFA - TABLE ONE

Function: Anticaking Agent, Acidity Regulator, Colour, Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4.1	Cooked fish	GMP		3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.1	Fresh eggs	GMP	Notes 3 & 4	3
12.1	Salt	20000 mg/kg		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.2.3	Wines	3500 mg/kg		3

**CALCIUM CHLORIDE**

Calcium Chloride

INS: 509

Function: Firming Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
04.2.1.2	Surface-treated vegetables	800 mg/kg	Note 58	3
04.2.1.3	Peeled or cut vegetables	800 mg/kg	Note 58	3
04.2.2.1	Frozen vegetables	4000 mg/kg		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	15000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	2000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	3200 mg/kg		3

**CALCIUM CITRATE**

Calcium Citrate

INS: 333

Function: Acidity Regulator, Antioxidant, Emulsifier, Firming Agent, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
02.1	Fats and oils essentially free from water	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	GMP		3

**CALCIUM CITRATE****DRAFT GSFA - TABLE ONE**

Function: Acidity Regulator, Antioxidant, Emulsifier, Firming Agent, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
13.2	Weaning foods for infants and young children	GMP		3

**CALCIUM GLUCONATE**

Calcium Gluconate

INS: 578

Function: Acidity Regulator, Firming Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.1.2	Surface-treated vegetables	800 mg/kg	Note 58	3
04.2.1.3	Peeled or cut vegetables	800 mg/kg	Note 58	3
04.2.2.1	Frozen vegetables	1000 mg/kg	Note 58	3

**CALCIUM GLUTAMATE, DI-L-**

Calcium Glutamate, DI-L-

INS: 623

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**CALCIUM GUANYLATE, 5'-**

Calcium Guanylate, 5'-

INS: 629

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**CALCIUM HYDROXIDE**

Calcium Hydroxide

INS: 526

Function: Acidity Regulator, Firming Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
02.2.1.1	Butter and concentrated butter	2000 mg/kg	Note 52	3
04.2.1.2	Surface-treated vegetables	800 mg/kg	Note 58	3
04.2.1.3	Peeled or cut vegetables	800 mg/kg	Note 58	3
04.2.2.1	Frozen vegetables	1000 mg/kg	Note 58	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**CALCIUM INOSINATE, 5'-**

Calcium Inosinate, 5'-

INS: 633

CALCIUM INOSINATE, 5'-

DRAFT GSFA - TABLE ONE

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**CALCIUM LACTATE**

Calcium Lactate INS: 327

Function: Acidity Regulator, Antioxidant, Emulsifier, Firming Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	GMP		3
08.1.2	Fresh meat, poultry and game, comminuted	6000 mg/kg		3
12.1	Salt	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**CALCIUM MALATE**

Calcium Malate INS: 352ii

Function: Acidity Regulator

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.3	Wines	GMP		3

**CALCIUM OXIDE**

Calcium Oxide INS: 529

Function: Acidity Regulator, Flour Treatment Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3

**CALCIUM RIBONUCLEOTIDES, 5'-**

Calcium Ribonucleotides, 5'- INS: 634

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**CALCIUM SILICATE**

Calcium Silicate INS: 552

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	15000 mg/kg	Note 56	3
12.1	Salt	20000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	10000 mg/kg	Note 51	3



**CALCIUM SULPHATE**

Calcium Sulphate

INS: 516

Function: Acidity Regulator, Bulking Agent, Firming Agent, Flour Treatment Agent, Sequestrant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.1.2	Surface-treated vegetables	800 mg/kg	Note 58	3
04.2.1.3	Peeled or cut vegetables	800 mg/kg	Note 58	3
04.2.2.1	Frozen vegetables	3500 mg/kg		3
06.2	Flours and starches	GMP	Note 57	3
06.4	Pastas and noodles	5000 mg/kg	Note 54	3
14.2.3	Wines	2000 mg/kg		3

**CANDELILLA WAX**

Candelilla Wax

INS: 902

Function: Bulking Agent, Carrier Solvent, Glazing Agent, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1.2	Surface-treated fruit	GMP		5
04.2.1.2	Surface-treated vegetables	GMP		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	4000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	4000 mg/kg		5
05.3	Chewing gum	150000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	4000 mg/kg		5
07.2	Fine bakery wares	GMP		5
13.6	Food supplements	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP	Notes 3 & 5	5
15.0	Ready-to-eat savouries	GMP		5

**CANTHAXANTHIN**

Canthaxanthin

INS: 161g

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.6	Cheese	GMP		3
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.4	Processed cheese	GMP		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	GMP		5
02.0	Fats and oils, and fat emulsions (type water-in-oil)	GMP		5
03.0	Edible ices, including sherbert and sorbet	GMP		5
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		5
04.1.2.5	Jams, jellies, marmelades	200 mg/kg		5

## CANTHAXANTHIN

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	GMP		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	GMP		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		5
04.1.2.11	Fruit fillings for pastries	GMP		5
04.2.2.2	Dried vegetables	8.2 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	GMP		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	GMP		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	20 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	50 mg/kg		3
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		5
06.3	Breakfast cereals, including rolled oats	35 mg/kg		5
06.4	Pastas and noodles	GMP		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
07.0	Bakery wares	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	4.41 mg/kg	Note 16	5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	100 mg/kg		3
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	15 mg/kg		5
08.4	Edible casings (e.g., sausage casings)	GMP		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.1	Cooked fish	GMP		5
09.2.4.1	Cooked fish	200 mg/kg		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.3.3	Salmon substitutes, caviar, and other fish roe products	GMP		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	GMP		5
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		3
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	30 mg/kg		5
12.5.2	Mixes for soups and broths	100 mg/kg		5
12.6	Sauces and like products	20 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
12.6	Sauces and like products	100 mg/kg		3
12.9	Protein products	GMP		5
12.9	Protein products	100 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	5 mg/kg		5
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		5
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	5 mg/kg		3
14.1.4.1	Carbonated drinks	GMP		5
14.1.4.2	Non-carbonated, including punches and ades	GMP		5
14.1.4.2	Non-carbonated, including punches and ades	5 mg/kg		3
14.1.4.3	Concentrates (liquid or solid) for drinks	100 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.1	Beer and malt beverages	5 mg/kg		3
14.2.3	Wines	GMP		5
14.2.3	Wines	5 mg/kg		3
14.2.6	Spiritous beverages	GMP		5
14.2.6	Spiritous beverages	5 mg/kg		3
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	GMP		3
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	GMP	Note 2	3

## CARAMEL COLOUR, CLASS I

Caramel Colour, Class I - Plain

INS: 150a

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	150 mg/kg	Note 12	3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.1	Whole, broken, or flaked grain, including rice	GMP		3
06.4	Pastas and noodles	GMP	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4.1	Cooked fish	GMP		3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3

CARAMEL COLOUR, CLASS I

DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.1	Fresh eggs	GMP	Notes 3 & 4	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP		3
14.2.3	Wines	600 mg/kg		3

**CARAMEL COLOUR, CLASS III**

Caramel Colour, Class III - Ammonia Process      INS: 150c

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		8
01.2.1	Fermented milks (plain)	150 mg/kg	Note 12	8
01.2.2	Renneted milk	GMP		8
01.3.2	Beverage whiteners	GMP		8
01.4.3	Clotted cream	GMP		8
01.4.4	Cream analogues	GMP		8
01.5.2	Milk powder and cream powder analogues	GMP		8
01.6.1	Unripened cheese	GMP		8
01.6.2.2	Rind of ripened cheese	GMP		8
01.6.3	Whey cheese	GMP	Note 3	8
01.6.4	Processed cheese	GMP		8
01.6.5	Cheese analogues	GMP		8
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	2000 mg/kg		8
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		3
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	GMP		8
03.0	Edible ices, including sherbert and sorbet	1000 mg/kg		8
04.1.2.3	Fruit in vinegar, oil, or brine	GMP		8
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		8
04.1.2.5	Jams, jellies, marmelades	GMP		8
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		8
04.1.2.7	Candied fruit	GMP		8
04.1.2.8	Fruit preparations, including pulp and fruit toppings	7500 mg/kg		8
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		8
04.1.2.11	Fruit fillings for pastries	7500 mg/kg		8
04.2.2.2	Dried vegetables	GMP		3
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		8
04.2.2.4	Canned or bottled (pasteurized) vegetables	GMP		8
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	GMP		8
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP		8

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.7	Fermented vegetable products	GMP		3
04.2.2.8	Cooked or fried vegetables	GMP		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	GMP		3
05.1.2	Cocoa-based spreads, including fillings	GMP		8
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	GMP		8
05.3	Chewing gum	20000 mg/kg		8
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		8
06.3	Breakfast cereals, including rolled oats	6500 mg/kg		8
06.4	Pastas and noodles	GMP		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		8
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		3
07.1.2	Crackers, excluding sweet crackers	GMP		3
07.2	Fine bakery wares	GMP		8
08.0	Meat and meat products, including poultry and game	GMP	Note 3	8
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Notes 3 & 50	8
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 50	8
09.3.3	Salmon substitutes, caviar, and other fish roe products	GMP	Note 50	8
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 50	8
10.1	Fresh eggs	GMP	Notes 3 & 4	8
10.4	Egg-based desserts (e.g., custard)	GMP		8
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		8
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		8
12.3	Vinegars	1000 mg/kg		8
12.4	Mustards	GMP		8
12.5	Soups and broths	GMP		8
12.6	Sauces and like products	1500 mg/kg		8
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 05.1.2	GMP		8
12.9	Protein products	GMP		8
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	GMP		8
13.4	Dietetic formulae for slimming purposes and weight reduction	GMP		8
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	GMP		8
13.6	Food supplements	GMP		8
14.1.2	Fruit and vegetable juices	GMP		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP		8
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP		8
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	GMP		8
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	GMP		8
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	5000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.1	Beer and malt beverages	GMP		8

CARAMEL COLOUR, CLASS III

DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.2	Cider and perry	GMP		8
14.2.3.3	Fortified wine and liquor wine	GMP		8
14.2.3.4	Aromatized wine	GMP		8
14.2.4	Fruit wine	GMP		8
14.2.6	Spiritous beverages	GMP		8
15.0	Ready-to-eat savouries	GMP		8
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	1000 mg/kg		8

**CARAMEL COLOUR, CLASS IV**

Caramel Colour, Class IV - Ammonia      INS: 150d  
 Sulphite Process

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		8
01.2.1	Fermented milks (plain)	150 mg/kg	Note 12	8
01.2.2	Renneted milk	GMP		8
01.3.2	Beverage whiteners	GMP		8
01.4.3	Clotted cream	GMP		8
01.4.4	Cream analogues	GMP		8
01.5.2	Milk powder and cream powder analogues	GMP		8
01.6.1	Unripened cheese	GMP		8
01.6.2.2	Rind of ripened cheese	GMP		8
01.6.3	Whey cheese	GMP	Note 3	8
01.6.4	Processed cheese	100 mg/kg		8
01.6.5	Cheese analogues	GMP		8
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	2000 mg/kg		8
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		3
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	GMP		8
03.0	Edible ices, including sherbert and sorbet	1000 mg/kg		8
04.1.2.3	Fruit in vinegar, oil, or brine	GMP		8
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		8
04.1.2.5	Jams, jellies, marmelades	1500 mg/kg		8
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		8
04.1.2.7	Candied fruit	GMP		8
04.1.2.8	Fruit preparations, including pulp and fruit toppings	7500 mg/kg		8
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		8
04.1.2.11	Fruit fillings for pastries	7500 mg/kg		8
04.2.2.2	Dried vegetables	GMP		3
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		8
04.2.2.4	Canned or bottled (pasteurized) vegetables	GMP		8
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	GMP		8
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP		8

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.7	Fermented vegetable products	GMP		3
04.2.2.8	Cooked or fried vegetables	GMP		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	GMP		3
05.1.2	Cocoa-based spreads, including fillings	GMP		8
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	GMP		8
05.3	Chewing gum	20000 mg/kg		8
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		8
06.3	Breakfast cereals, including rolled oats	2500 mg/kg		8
06.4	Pastas and noodles	GMP		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		8
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		3
07.1.2	Crackers, excluding sweet crackers	GMP		3
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	GMP		8
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	1200 mg/kg		8
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	GMP		8
08.0	Meat and meat products, including poultry and game	GMP		8
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Notes 3 & 50	8
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 50	8
09.3.3	Salmon substitutes, caviar, and other fish roe products	GMP	Note 50	8
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 50	8
10.1	Fresh eggs	GMP	Notes 3 & 4	8
10.4	Egg-based desserts (e.g., custard)	GMP		8
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		8
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		8
12.3	Vinegars	GMP		8
12.3	Vinegars	1000 mg/kg		5
12.4	Mustards	GMP		8
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	3000 mg/kg		8
12.5.2	Mixes for soups and broths	GMP		8
12.6	Sauces and like products	1500 mg/kg		8
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 05.1.2	GMP		8
12.9	Protein products	GMP		8
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	GMP		8
13.4	Dietetic formulae for slimming purposes and weight reduction	GMP		8
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	GMP		8
13.6	Food supplements	GMP		8
14.1.2	Fruit and vegetable juices	GMP		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP		8
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP		8
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	GMP		8

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	GMP		8
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	5000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.1	Beer and malt beverages	240 mg/kg		8
14.2.2	Cider and perry	GMP		8
14.2.3.3	Fortified wine and liquor wine	GMP		8
14.2.3.4	Aromatized wine	GMP		8
14.2.4	Fruit wine	GMP		8
14.2.6.1	Spiritous beverages containing more than 15% alcohol	GMP		8
14.2.6.2	Spiritous beverages containing less than 15% alcohol	240 mg/kg		8
15.0	Ready-to-eat savouries	GMP		8
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	1000 mg/kg		8

## CARBON DIOXIDE

Carbon Dioxide

INS: 290

Function: Adjuvant, Carbonating Agent, Packing Gas

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	GMP	Note 59	3
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	GMP	Note 59	3
01.4.1	Pasteurized cream	GMP	Note 59	3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP	Note 59	3
04.1.1	Fresh fruit	GMP	Note 59	3
04.2.1	Fresh vegetables	GMP	Note 59	3
04.2.2.1	Frozen vegetables	GMP	Note 59	3
08.1.2	Fresh meat, poultry and game, comminuted	100 mg/kg	Note 59	3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 59	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 59	3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP	Note 69	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP	Note 59	3
14.2.3.1	Still wine	3920 mg/kg		3
14.2.3.2	Sparkling and semi-sparkling wines	GMP	Note 60	3
14.2.3.3	Fortified wine and liquor wine	GMP	Note 60	3
14.2.3.4	Aromatized wine	GMP	Note 60	3

## CARMINES

Carmines

INS: 120

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5



Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	20 mg/kg	Note 12	5
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.1	Total ripened cheese, includes rind	125 mg/kg		5
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	100 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
02.1	Fats and oils essentially free from water	GMP		5
02.2	Fat emulsions mainly of type water-in-oil	GMP		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	150 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	200 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	300 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.11	Fruit fillings for pastries	GMP		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	100 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	300 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	300 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	1020 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.4	Pastas and noodles	GMP		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
07.0	Bakery wares	GMP		3
07.2	Fine bakery wares	200 mg/kg		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	500 mg/kg	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	500 mg/kg	Note 3	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	100 mg/kg		5

CARMINES

DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	100 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	100 mg/kg		5
08.3.3	Frozen processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.4	Edible casings (e.g., sausage casings)	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	3
10.1	Fresh eggs	500 mg/kg	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	50 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.1	Still wine	GMP		5
14.2.3.2	Sparkling and semi-sparkling wines	GMP		5
14.2.3.3	Fortified wine and liquor wine	GMP		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5

CARMINES

DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

**CARNAUBA WAX**

Carnauba Wax

INS: 903

Function: Anticaking Agent, Adjuvant, Bulking Agent, Carrier Solvent, Glazing Agent, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2	Processed fruit	GMP		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP	Note 3	5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	4000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	4000 mg/kg		5
05.3	Chewing gum	100000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	4000 mg/kg		5
07.0	Bakery wares	GMP		5
12.6	Sauces and like products	GMP		5
13.6	Food supplements	GMP		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP	Notes 3 & 5	5
15.0	Ready-to-eat savouries	GMP	Note 3	5

**CAROB BEAN GUM**

Carob Bean Gum

INS: 410

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	5000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	5000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	2000 mg/kg	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.1.1.3	Peeled or cut fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
04.2.1.3	Peeled or cut vegetables	GMP		3
06.1	Whole, broken, or flaked grain, including rice	GMP		3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg	Note 61	3

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	5000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	10000 mg/kg		3
13.2	Weaning foods for infants and young children	20000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	500 mg/kg		3

## CAROTENES, VEGETABLE

Carotenes, Natural Extracts, (Vegetable) INS: 160aii

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.2.2	Renneted milk	GMP		5
01.3.2	Beverage whiteners	GMP		5
01.4	Cream (plain) and the like	GMP		5
01.5.2	Milk powder and cream powder analogues	GMP		5
01.6	Cheese	600 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	GMP		5
02.1	Fats and oils essentially free from water	GMP		5
02.2.1.1	Butter and concentrated butter	600 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	GMP		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	GMP		5
03.0	Edible ices, including sherbert and sorbet	GMP		5
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.3	Fruit in vinegar, oil, or brine	GMP		5
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		5
04.1.2.5	Jams, jellies, marmelades	GMP		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	GMP		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	4 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		5
04.1.2.11	Fruit fillings for pastries	4 mg/kg		5

## CAROTENES, VEGETABLE

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.1.2	Surface-treated vegetables	GMP		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	GMP		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP		5
04.2.2.7	Fermented vegetable products	GMP		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	120 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	120 mg/kg		5
05.3	Chewing gum	500 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		5
06.3	Breakfast cereals, including rolled oats	400 mg/kg		5
06.4	Pastas and noodles	GMP		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		5
07.2	Fine bakery wares	GMP		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	GMP	Note 3	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.3	Frozen processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.4	Edible casings (e.g., sausage casings)	GMP		5
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		3
12.4	Mustards	GMP		5
12.5	Soups and broths	GMP		5
12.6	Sauces and like products	GMP		5
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 05.1.2	GMP		5
12.9	Protein products	GMP		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	GMP		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
13.4	Dietetic formulae for slimming purposes and weight reduction	GMP		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	GMP		5
13.6	Food supplements	GMP		5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP		5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	2000 mg/kg		3
14.2.2	Cider and perry	GMP		5
14.2.3.2	Sparkling and semi-sparkling wines	GMP		5
14.2.3.4	Aromatized wine	GMP		5
14.2.4	Fruit wine	GMP		5
14.2.6	Spiritous beverages	GMP		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	25 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	GMP		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	GMP		5

## CAROTENOIDS

Beta-Carotene (Synthetic)	INS: 160ai	Beta-Apo-8'-Carotenal	INS: 160e
Beta-Apo-8'-Carotenoic Acid, Methyl or Ethyl Ester	INS: 160f		

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	100 mg/kg		5
01.2.2	Renneted milk	GMP		5
01.3.2	Beverage whiteners	GMP		5
01.4	Cream (plain) and the like	GMP		5
01.5.2	Milk powder and cream powder analogues	GMP		5
01.6.1	Unripened cheese	35 mg/kg		5
01.6.2.1	Total ripened cheese, includes rind	600 mg/kg		5
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.2.3	Cheese powder (for reconstitution; e.g., for cheese sauces)	GMP		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	200 mg/kg		5
02.1	Fats and oils essentially free from water	25 mg/kg		5
02.2.1.1	Butter and concentrated butter	100 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	1000 mg/kg		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	25 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	GMP		5

## CAROTENOIDS

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	200 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.3	Fruit in vinegar, oil, or brine	GMP		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.11	Fruit fillings for pastries	4 mg/kg		5
04.1.2.11	Fruit fillings for pastries	10 mg/kg		3
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.2	Dried vegetables	GMP		3
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	GMP		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	300 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	500 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.4	Pastas and noodles	GMP		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	500 mg/kg		3
07.0	Bakery wares	GMP		3
07.1.1	Breads and rolls	35 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	500 mg/kg	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	500 mg/kg	Note 3	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.3	Frozen processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.4	Edible casings (e.g., sausage casings)	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5

## CAROTENOIDS

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.2	Egg products	GMP		5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	35 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
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 05.1.2	GMP		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	100 mg/kg		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	35 mg/kg		5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP		5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	100 mg/kg		3
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	GMP		5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	100 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.1	Still wine	GMP		5
14.2.3.2	Sparkling and semi-sparkling wines	GMP		5
14.2.3.3	Fortified wine and liquor wine	GMP		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5



CAROTENOIDS

DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be placed in food categories 01 - 15.	500 mg/kg		5

**CARRAGEENAN**

Carrageenan

INS: 407

Function: Emulsifier, Filler, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.1	Milk, including sterilized and UHT goats milk	10000 mg/kg		3
01.1.1.2	Buttermilk (plain)	6000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.4.1	Pasteurized cream	500 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
06.4	Pastas and noodles	8330 mg/kg	Notes 37 & 54	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg	Note 61	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.4.1	Cooked fish	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	5000 mg/kg		3
13.1	Infant formulae and follow-on formulae	3000 mg/kg		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	3000 mg/kg		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	1000 mg/kg		3
14.2.3	Wines	GMP		3

**CASTOR OIL**

Castor Oil

INS: 1503

Function: Anticaking Agent, Carrier Solvent, Glazing Agent, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	GMP		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	500 mg/kg		5
05.3	Chewing gum	GMP		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		5
13.6	Food supplements	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		5

**CHLORINE**

Chlorine

INS: 925

Function: Flour Treatment Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.2	Flours and starches	5000 mg/kg		5

**CHLORINE DIOXIDE**

Chlorine Dioxide

INS: 926

Function: Flour Treatment Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.2	Flours and starches	2500 mg/kg		5

**CHLOROPHYLLS**

Chlorophylls

INS: 140

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.1	Fats and oils essentially free from water	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.4	Pastas and noodles	GMP	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 4	3
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4.1	Cooked fish	GMP		3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.1	Fresh eggs	GMP	Notes 3 & 4	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.2.3	Wines	GMP		3

**CHLOROPHYLLS, COPPER COMPLEXES**

Chlorophylls, Copper Complex

INS: 141i

Chlorophyllin Copper Complex, Sodium  
and Potassium Salts

INS: 141ii

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.2.2	Renneted milk	GMP		5
01.3.2	Beverage whiteners	GMP		5
01.4	Cream (plain) and the like	GMP		5
01.5.2	Milk powder and cream powder analogues	GMP		5
01.6	Cheese	15 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	200 mg/kg		5
02.0	Fats and oils, and fat emulsions (type water-in-oil)	GMP		5
03.0	Edible ices, including sherbert and sorbet	200 mg/kg		5
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.1	Frozen fruit	100 mg/kg		5
04.1.2.2	Dried fruit	100 mg/kg		5
04.1.2.3	Fruit in vinegar, oil, or brine	100 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	100 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	200 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	100 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	100 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	100 mg/kg		5
04.1.2.10	Fermented fruit products	100 mg/kg		5
04.1.2.11	Fruit fillings for pastries	100 mg/kg		5
04.1.2.12	Cooked or dried fruit	100 mg/kg		5
04.2.1.2	Surface-treated vegetables	GMP		5
04.2.2.1	Frozen vegetables	100 mg/kg		5
04.2.2.2	Dried vegetables	150 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	100 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	100 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	100 mg/kg		5
04.2.2.7	Fermented vegetable products	100 mg/kg		5
04.2.2.8	Cooked or fried vegetables	100 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	30 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	700 mg/kg		5
05.3	Chewing gum	700 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		5
06.3	Breakfast cereals, including rolled oats	GMP		5
06.4	Pastas and noodles	GMP		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	6.4 mg/kg	Note 62	3
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	6.4 mg/kg		5
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	GMP		5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	GMP		5
08.0	Meat and meat products, including poultry and game	GMP	Note 3	5
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.2.4.1	Cooked fish	GMP		5
09.2.4.1	Cooked fish	30 mg/kg	Note 62	3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	40 mg/kg		5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	40 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	GMP		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	64 mg/kg	Note 62	5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		5
12.4	Mustards	GMP		5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	400 mg/kg		5
12.5.2	Mixes for soups and broths	GMP		3
12.6	Sauces and like products	GMP		5
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 05.1.2	GMP		5
12.9	Protein products	GMP		5
13.0	Foodstuffs intended for particular nutritional uses	GMP		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.3	Fruit and vegetable nectars	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	300 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.2	Cider and perry	GMP		5
14.2.3	Wines	GMP		5
14.2.4	Fruit wine	GMP		5
14.2.6	Spiritous beverages	GMP		5
15.0	Ready-to-eat savouries	GMP		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	GMP		5

**CITRIC ACID**

Citric Acid

INS: 330

Function: Acidity Regulator, Antioxidant, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	1500 mg/kg	Note 63	3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.1	Fats and oils essentially free from water	100 mg/kg	Note 15	3
04.2.1	Fresh vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	2000 mg/kg		3
08.1.2	Fresh meat, poultry and game, comminuted	100 mg/kg	Note 15	3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
12.1	Salt	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	25000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.2.3	Wines	700 mg/kg		3

**CITRIC AND FATTY ACID ESTERS OF GLYCEROL**

Citric and Fatty Acid Esters of Glycerol

INS: 472c

Function: Antioxidant, Emulsifier, Sequestrant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
02.2.1.1	Butter and concentrated butter	10000 mg/kg	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3

Function: Antioxidant, Emulsifier, Sequestrant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.2	Weaning foods for infants and young children	5000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

## CURCUMIN

Curcumin

INS: 100i

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5
01.6	Cheese	GMP		3
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.1	Total ripened cheese, includes rind	GMP		5
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
02.1	Fats and oils essentially free from water	5 mg/kg		5
02.2.1.1	Butter and concentrated butter	GMP		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	10 mg/kg		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	5 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	150 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.11	Fruit fillings for pastries	GMP		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.2	Dried vegetables	GMP		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	GMP		5

## CURCUMIN

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	300 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	700 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.4	Pastas and noodles	GMP		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
07.0	Bakery wares	GMP		3
07.2	Fine bakery wares	200 mg/kg		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	500 mg/kg	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	500 mg/kg	Note 3	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	20 mg/kg		5
08.3.3	Frozen processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.4	Edible casings (e.g., sausage casings)	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5

## CURCUMIN

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.1	Still wine	GMP		5
14.2.3.2	Sparkling and semi-sparkling wines	GMP		5
14.2.3.3	Fortified wine and liquor wine	GMP		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

## CYCLAMATES

Cyclamic Acid (and Sodium, Potassium, Calcium Salts) INS: 952

Function: Flavour Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	400 mg/kg	Note 17	5
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	GMP	Note 17	3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	250 mg/kg	Note 17	5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	250 mg/kg	Note 17	5
03.0	Edible ices, including sherbert and sorbet	250 mg/kg	Note 17	5
04.1.2.4	Canned or bottled (pasteurized) fruit	1000 mg/kg	Note 17	5
04.1.2.5	Jams, jellies, marmelades	1000 mg/kg	Note 17	5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	2000 mg/kg	Note 17	5
04.1.2.7	Candied fruit	500 mg/kg	Note 17	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	250 mg/kg	Note 17	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	250 mg/kg	Note 17	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	100 mg/kg	Note 17	5



## CYCLAMATES

## DRAFT GSFA - TABLE ONE

Function: Flavour Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	250 mg/kg	Note 17	5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	500 mg/kg	Note 17	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	500 mg/kg	Note 17	5
05.3	Chewing gum	3000 mg/kg	Note 17	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg	Note 17	5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	250 mg/kg	Note 17	5
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	1600 mg/kg	Note 17	5
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	2000 mg/kg	Note 17	5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	1600 mg/kg	Note 17	5
10.4	Egg-based desserts (e.g., custard)	250 mg/kg	Note 17	5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP	Note 17	3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	GMP	Note 17	5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	500 mg/kg	Note 17	5
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 05.1.2	500 mg/kg	Note 17	5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	1300 mg/kg	Note 17	5
13.4	Dietetic formulae for slimming purposes and weight reduction	1300 mg/kg	Note 17	5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	1300 mg/kg	Note 17	5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1500 mg/kg	Note 17	5
14.2.1	Beer and malt beverages	250 mg/kg	Note 17	5
14.2.2	Cider and perry	250 mg/kg	Note 17	5
14.2.3	Wines	250 mg/kg	Note 17	5
14.2.6.2	Spiritous beverages containing less than 15% alcohol	250 mg/kg	Note 17	5

## CYCLODEXTRIN, BETA-

Cyclodextrin, Beta-

INS: 459

Function: Adjuvant

Food Cat. No.	Food Category	Max Level	Comments	Step
05.3	Chewing gum	50000 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		5

## DEXTRINS, WHITE AND YELLOW, ROASTED STARCH

Dextrins, White and Yellow Roasted Starch INS: 1400

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
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## DEXTRINS, WHITE AND YELLOW, ROASTED STARCH

## DRAFT GSFA - TABLE ONE

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	20000 mg/kg	Notes 3 & 53	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3

## DIACETYLTARTARIC AND FATTY ACID ESTERS OF GLYCEROL

Diacetyltartaric and Fatty Acid Esters of Glycerol INS: 472e

Function: Emulsifier, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		5
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		5
01.2.2	Renneted milk	GMP		5
01.3.2	Beverage whiteners	5000 mg/kg		5
01.4.3	Clotted cream	GMP		5
01.4.4	Cream analogues	GMP		5
01.5.1	Milk powder and cream powder	10000 mg/kg		5
01.5.2	Milk powder and cream powder analogues	GMP		5
01.6.1	Unripened cheese	GMP		5
01.6.2.1	Total ripened cheese, includes rind	GMP		5
01.6.4	Processed cheese	GMP		5
01.6.5	Cheese analogues	GMP		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	10000 mg/kg		5
02.1	Fats and oils essentially free from water	5000 mg/kg		5
02.2	Fat emulsions mainly of type water-in-oil	10000 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	5000 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	5000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	1000 mg/kg		5
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.2	Dried fruit	GMP		5
04.1.2.3	Fruit in vinegar, oil, or brine	GMP		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	GMP		5
04.1.2.7	Candied fruit	GMP		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	GMP		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		5
04.1.2.10	Fermented fruit products	GMP		5
04.1.2.12	Cooked or dried fruit	GMP		5
04.2.1.2	Surface-treated vegetables	GMP		5
04.2.2.2	Dried vegetables	GMP		5
04.2.2.3	Vegetables in vinegar, oil, or brine	GMP		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP		5

Function: Emulsifier, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.7	Fermented vegetable products	GMP		5
04.2.2.8	Cooked or fried vegetables	GMP		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	10000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	10000 mg/kg		5
05.3	Chewing gum	50000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	10000 mg/kg		5
06.4	Pastas and noodles	5000 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
07.0	Bakery wares	10000 mg/kg		5
08.0	Meat and meat products, including poultry and game	GMP		5
09.0	Fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
10.2.3	Dried and/or heat coagulated egg products	GMP		5
10.4	Egg-based desserts (e.g., custard)	GMP		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	1 mg/kg		5
12.3	Vinegars	GMP		5
12.4	Mustards	10000 mg/kg		5
12.5	Soups and broths	GMP		5
12.6	Sauces and like products	10000 mg/kg		5
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 05.1.2	GMP		5
12.9	Protein products	GMP		5
13.1	Infant formulae and follow-on formulae	GMP		3
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	GMP		5
13.4	Dietetic formulae for slimming purposes and weight reduction	GMP		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	GMP		5
13.6	Food supplements	GMP		5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	GMP		5
14.1.2.4	Concentrates (liquid or solid) for vegetable juice	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	5000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		5
14.2.2	Cider and perry	GMP		5
14.2.3.4	Aromatized wine	GMP		5
14.2.4	Fruit wine	GMP		5
14.2.6	Spiritous beverages	GMP		5
15.0	Ready-to-eat savouries	GMP		5

**DIMETHYL DICARBONATE**

Dimethyl Dicarbonate

INS: 242

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	250 mg/kg	Note 18	8
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	250 mg/kg	Notes 2 & 18	8
14.2.2	Cider and perry	250 mg/kg	Note 18	3
14.2.4	Fruit wine	250 mg/kg	Note 18	3
14.2.5	Mead	200 mg/kg	Note 18	3

**DIOCTYL SODIUM SULFOSUCCINATE**

Dioctyl Sodium Sulfosuccinate

INS: 480

Function: Adjuvant, Emulsifier, Humectant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	25 mg/kg	Note 19	5
01.3.1	Condensed milk (plain)	GMP		5
01.6.1	Unripened cheese	5000 mg/kg	Note 20	5
01.6.4	Processed cheese	5000 mg/kg	Note 20	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	15 mg/kg		5
05.1.1	Cocoa mixes (powders and syrups)	4000 mg/kg		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		5
08.4	Edible casings (e.g., sausage casings)	200 mg/kg		5
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	25 mg/kg		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	5000 mg/kg	Note 20	5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	10 mg/kg		5
14.2	Alcoholic beverages, including alcohol-free and low-alcoholic counterparts	10 mg/kg		5

**DIPHENYL**

Diphenyl

INS: 230

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1.2	Surface-treated fruit	70 mg/kg		5

**DIPOTASSIUM GUANYLATE, 5'-**

Dipotassium Guanylate, 5'-

INS: 628

**DIPOTASSIUM GUANYLATE, 5'-****DRAFT GSFA - TABLE ONE**

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**DIPOTASSIUM INOSINATE, 5'-**

Dipotassium Inosinate, 5'-

INS: 632

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**DISODIUM GUANYLATE, 5'-**

Disodium Guanylate, 5'-

INS: 627

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**DISODIUM INOSINATE, 5'-**

Disodium Inosinate, 5'-

INS: 631

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**DISODIUM RIBONUCLEOTIDES, 5'-**

Disodium Ribonucleotides, 5'-

INS: 635

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**DISTARCH PHOSPHATE**

Distarch Phosphate

INS: 1412

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3

## DISTARCH PHOSPHATE

## DRAFT GSFA - TABLE ONE

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.1	Infant formulae and follow-on formulae	25000 mg/kg		3
13.2	Weaning foods for infants and young children	60000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

## EDTAs

Calcium Disodium Ethylene Diamine Tetra Acetate INS: 385

Disodium Ethylene Diamine Tetra Acetate INS: 386

Function: Antifoaming Agent, Adjuvant, Antioxidant, Color Retention Agent, Flavour Enhancer, Preservative, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	100 mg/kg	Note 21	5
02.2.1	Emulsions containing at least 80% fat	75 mg/kg	Note 21	5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	100 mg/kg	Note 21	5
04.1.2.2	Dried fruit	265 mg/kg	Note 21	5
04.1.2.5	Jams, jellies, marmelades	130 mg/kg	Note 21	5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	100 mg/kg	Note 21	5
04.1.2.11	Fruit fillings for pastries	500 mg/kg	Note 21	5
04.2.1	Fresh vegetables	250 mg/kg	Note 21	5
04.2.2.1	Frozen vegetables	250 mg/kg	Note 21	5
04.2.2.2	Dried vegetables	250 mg/kg	Note 21	5
04.2.2.2	Dried vegetables	800 mg/kg	Notes 21 & 64	3
04.2.2.3	Vegetables in vinegar, oil, or brine	250 mg/kg	Note 21	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	365 mg/kg	Note 21	5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	250 mg/kg	Note 21	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	250 mg/kg	Note 21	5
04.2.2.7	Fermented vegetable products	250 mg/kg	Note 21	5
04.2.2.8	Cooked or fried vegetables	250 mg/kg	Note 21	5
05.1.2	Cocoa-based spreads, including fillings	50 mg/kg	Note 21	5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 21	5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	35 mg/kg	Note 21	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	75 mg/kg	Note 21	5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	75 mg/kg	Note 21	5
09.3.2	Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine	250 mg/kg	Note 21	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	340 mg/kg	Note 21	5
10.2.3	Dried and/or heat coagulated egg products	200 mg/kg	Note 21	5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	70 mg/kg	Note 21	5
12.4	Mustards	75 mg/kg	Note 21	5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	100 mg/kg	Note 21	5

Function: Antifoaming Agent, Adjuvant, Antioxidant, Color Retention Agent, Flavour Enhancer, Preservative, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	75 mg/kg	Note 21	5
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 05.1.2	100 mg/kg	Note 21	5
13.6	Food supplements	150 mg/kg	Note 21	5
14.1.4.1	Carbonated drinks	200 mg/kg	Note 21	5
14.1.4.2	Non-carbonated, including punches and ades	200 mg/kg	Note 21	5
14.1.4.3	Concentrates (liquid or solid) for drinks	100 mg/kg	Note 21	5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	35 mg/kg	Note 21	5
14.2	Alcoholic beverages, including alcohol-free and low-alcoholic counterparts	25 mg/kg	Note 21	5

## ENZYME TREATED STARCH

Enzyme Treated Starch

INS: 1405

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

## ERYTHORBIC ACID

Erythorbic Acid

INS: 315

Isoascorbic Acid

INS: 315

Function: Antioxidant, Colour Retention Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	100 mg/kg		3
02.2.1.1	Butter and concentrated butter	100 mg/kg	Note 52	3
04.1.1	Fresh fruit	GMP		3
04.2.1.3	Peeled or cut vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	500 mg/kg		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1500 mg/kg		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 15	3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	GMP		3

## ERYTHROSINE

Erythrosine

INS: 127

## ERYTHROSINE

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	300 mg/kg		5
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	300 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	27 mg/kg	Note 12	5
01.6.2.2	Rind of ripened cheese	100 mg/kg		5
01.6.4	Processed cheese	100 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	300 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		5
02.2.1.1	Butter and concentrated butter	300 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	100 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	300 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	300 mg/kg		5
04.1.2.3	Fruit in vinegar, oil, or brine	200 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	300 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	400 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	300 mg/kg		3
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.7	Candied fruit	300 mg/kg		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	196 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	300 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	100 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	300 mg/kg		3
04.1.2.11	Fruit fillings for pastries	196 mg/kg		5
04.1.2.11	Fruit fillings for pastries	300 mg/kg		3
04.2.2.3	Vegetables in vinegar, oil, or brine	300 mg/kg		5
05.1.2	Cocoa-based spreads, including fillings	100 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	150 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		3
05.3	Chewing gum	200 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	100 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	300 mg/kg		3
06.3	Breakfast cereals, including rolled oats	100 mg/kg		5
06.3	Breakfast cereals, including rolled oats	300 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	100 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	300 mg/kg		3
07.0	Bakery wares	300 mg/kg		3
07.1.1	Breads and rolls	300 mg/kg		5
08.1	Fresh meat, poultry and game	GMP	Notes 3 & 4	5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	30 mg/kg		5



ERYTHROSINE

DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
08.3	Processed comminuted meat, poultry, and game products	30 mg/kg		5
08.4	Edible casings (e.g., sausage casings)	GMP		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		3
09.2.4.1	Cooked fish	300 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		5
09.3.3	Salmon substitutes, caviar, and other fish roe products	300 mg/kg		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg		3
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	100 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	300 mg/kg		3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	300 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	300 mg/kg		3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	300 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	300 mg/kg		3
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	300 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.6	Food supplements	300 mg/kg		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	300 mg/kg		3
14.2.6.1	Spirituous beverages containing more than 15% alcohol	300 mg/kg		5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	GMP		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	300 mg/kg		3
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	300 mg/kg	Note 2	3

**ETHYL MALTOL**

Ethyl Maltol

INS: 637

Function: Flavour Enhancer, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	200 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	200 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	200 mg/kg		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	1000 mg/kg		5

Function: Flavour Enhancer, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	200 mg/kg		3
05.3	Chewing gum	1000 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	200 mg/kg		3
14.2.2	Cider and perry	100 mg/kg		3
14.2.3	Wines	100 mg/kg		5
14.2.4	Fruit wine	100 mg/kg		3

**FAST GREEN FCF**

Fast Green FCF

INS: 143

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	100 mg/kg		8
01.2.1	Fermented milks (plain)	100 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg	Note 2	8
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		8
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	100 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	100 mg/kg		8
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		8
04.1.2.5	Jams, jellies, marmelades	400 mg/kg		8
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	100 mg/kg		3
04.1.2.7	Candied fruit	100 mg/kg		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	100 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	100 mg/kg		3
04.1.2.11	Fruit fillings for pastries	100 mg/kg		3
04.2.2.3	Vegetables in vinegar, oil, or brine	300 mg/kg		8
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		8
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	100 mg/kg		3
05.3	Chewing gum	300 mg/kg		8
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	100 mg/kg		3
06.4	Pastas and noodles	100 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	100 mg/kg		3
07.0	Bakery wares	100 mg/kg		3
07.1.1	Breads and rolls	100 mg/kg		8
07.2	Fine bakery wares	100 mg/kg		8
08.1	Fresh meat, poultry and game	GMP	Note 4	8
08.2	Processed meat, poultry, and game products in whole pieces or cuts	GMP	Notes 3 & 4	8
08.4	Edible casings (e.g., sausage casings)	GMP	Notes 3 & 4	8

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		3
09.2.4.1	Cooked fish	100 mg/kg		8
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		8
09.3.3	Salmon substitutes, caviar, and other fish roe products	100 mg/kg		8
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		3
10.1	Fresh eggs	GMP	Notes 3 & 4	8
10.4	Egg-based desserts (e.g., custard)	100 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	100 mg/kg		3
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	100 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		8
14.2.6	Spiritous beverages	100 mg/kg		8

## FERRIC AMMONIUM CITRATE

Ferric Ammonium Citrate

INS: 381

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
12.1	Salt	25 mg/kg	Note 23	8
14.1.4.3	Concentrates (liquid or solid) for drinks	10 mg/kg	Note 23	8

## FERROCYANIDES

Sodium Ferrocyanide

INS: 535

Potassium Ferrocyanide

INS: 536

Calcium Ferrocyanide

INS: 538

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
12.1	Salt	20 mg/kg	Note 24	8
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	20 mg/kg	Note 24	8

## FERROUS GLUCONATE

Ferrous Gluconate

INS: 579

Function: Acidity Regulator, Colour Retention Agent, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.3	Vegetables in vinegar, oil, or brine	150 mg/kg	Notes 23 & 48	8

**FERROUS LACTATE**

Ferrous Lactate

INS: 585

Function: Acidity Regulator, Colour Retention Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.3	Vegetables in vinegar, oil, or brine	150 mg/kg	Notes 23 & 48	8

**FORMATES**

Formic Acid

INS: 236

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
12.6	Sauces and like products	200 mg/kg	Note 25	5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg	Note 25	5

**FUMARIC ACID**

Fumaric Acid

INS: 297

Function: Acidity Regulator, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	1000 mg/kg	Note 2	3
14.2.3	Wines	3000 mg/kg		3

**GALLATE, PROPYL**

Gallate, Propyl

INS: 310

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.3.2	Beverage whiteners	50 mg/kg		5
01.5.1	Milk powder and cream powder	200 mg/kg		5
01.5.2	Milk powder and cream powder analogues	50 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	90 mg/kg	Note 2	3
02.1	Fats and oils essentially free from water	1000 mg/kg		5
02.2.1.1	Butter and concentrated butter	1000 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	200 mg/kg		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	100 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	50 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	100 mg/kg		3
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	50 mg/kg		5
04.1.2.2	Dried fruit	50 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	100 mg/kg		5

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	90 mg/kg	Note 2	3
04.2.2.2	Dried vegetables	50 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	50 mg/kg		5
05.0	Confectionary	200 mg/kg	Note 15	3
05.1.1	Cocoa mixes (powders and syrups)	50 mg/kg		5
05.1.2	Cocoa-based spreads, including fillings	50 mg/kg		5
05.1.4	Imitation chocolate, chocolate substitute products	50 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	50 mg/kg		5
05.3	Chewing gum	1000 mg/kg		5
06.1	Whole, broken, or flaked grain, including rice	100 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.4	Pastas and noodles	100 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	90 mg/kg	Note 2	3
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	100 mg/kg		5
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	50 mg/kg		5
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	50 mg/kg		5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	200 mg/kg		5
08.1	Fresh meat, poultry and game	100 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	200 mg/kg		5
08.3	Processed comminuted meat, poultry, and game products	200 mg/kg		5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	100 mg/kg		5
10.2.2	Frozen egg products	100 mg/kg		5
10.2.3	Dried and/or heat coagulated egg products	100 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	90 mg/kg	Note 2	3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	200 mg/kg		5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	100 mg/kg		5
12.5.2	Mixes for soups and broths	300 mg/kg		5
12.6	Sauces and like products	200 mg/kg		5
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 05.1.2	100 mg/kg		5
12.8	Yeast	100 mg/kg		5
13.6	Food supplements	400 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Note 15	3
15.0	Ready-to-eat savouries	200 mg/kg		5

**GELLAN GUM**

Gellan Gum

INS: 418

Function: Thickener, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	500 mg/kg		3

**GLUCONO DELTA-LACTONE**

Glucono Delta-Lactone

INS: 575

Function: Acidity Regulator, Raising Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	GMP		3

**GLUCOSE OXIDASE (ASPERGILLUS NIGER VAR.)**

Glucose Oxidase (Aspergillus niger var.)

INS: 1102

Function: Antioxidant, Preservative, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.3	Wines	GMP		3

**GLUTAMIC ACID (L(+)-)**

Glutamic Acid (L(+)-)

INS: 620

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**GLYCEROL**

Glycerol

INS: 422

Function: Emulsifier, Humectant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3

## GLYCEROL

## DRAFT GSFA - TABLE ONE

Function: Emulsifier, Humectant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.2.2	Frozen egg products	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

## GLYCEROL ESTER OF WOOD ROSIN

Glycerol Ester of Wood Rosin

INS: 445

Function: Adjuvant, Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	150 mg/kg		8
14.2.1	Beer and malt beverages	60 mg/kg		8
14.2.6.2	Spirituous beverages containing less than 15% alcohol	60 mg/kg		8

## GRAPE SKIN EXTRACT

Grape Skin Extract

INS: 163ii

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.2.2	Renneted milk	GMP		5
01.3.2	Beverage whiteners	GMP		5
01.4	Cream (plain) and the like	GMP		5
01.5.2	Milk powder and cream powder analogues	GMP		5
01.6.1	Unripened cheese	GMP		5
01.6.2.1	Total ripened cheese, includes rind	125 mg/kg		5
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	GMP		5
01.6.5	Cheese analogues	GMP		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	GMP		5
03.0	Edible ices, including sherbert and sorbet	100 mg/kg		5
04.1.1.2	Surface-treated fruit	GMP		5

GRAPE SKIN EXTRACT

DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.3	Fruit in vinegar, oil, or brine	GMP		5
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		5
04.1.2.5	Jams, jellies, marmelades	GMP		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	GMP		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	GMP		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		5
04.1.2.11	Fruit fillings for pastries	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	GMP		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP		5
05.1.2	Cocoa-based spreads, including fillings	GMP		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	GMP		5
05.3	Chewing gum	5000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		5
07.0	Bakery wares	GMP		3
07.2	Fine bakery wares	GMP		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	GMP	Note 3	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.3	Frozen processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.4	Edible casings (e.g., sausage casings)	GMP		5
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	GMP		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		3
12.4	Mustards	GMP		5



GRAPE SKIN EXTRACT

DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
12.5	Soups and broths	GMP		5
12.6	Sauces and like products	GMP		5
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 05.1.2	GMP		5
12.9	Protein products	GMP		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	GMP		5
13.4	Dietetic formulae for slimming purposes and weight reduction	GMP		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	GMP		5
13.6	Food supplements	GMP		5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP		5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		3
14.2.1	Beer and malt beverages	GMP		5
14.2.2	Cider and perry	GMP		5
14.2.3.2	Sparkling and semi-sparkling wines	GMP		5
14.2.3.3	Fortified wine and liquor wine	GMP		3
14.2.3.4	Aromatized wine	GMP		5
14.2.4	Fruit wine	GMP		5
14.2.6	Spiritous beverages	GMP		5
15.0	Ready-to-eat savouries	GMP		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	10 mg/kg		5

**GUAIAIC RESIN**

Guaiac Resin

INS: 314

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	1000 mg/kg		8
02.2.1	Emulsions containing at least 80% fat	1000 mg/kg		8
05.3	Chewing gum	1500 mg/kg		8
12.6	Sauces and like products	600 mg/kg		3

**GUANYLIC ACID, 5'-**

Guanylic Acid, 5'-

INS: 626

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**GUAR GUM**

Guar Gum

INS: 412

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	6000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.1	Fats and oils essentially free from water	20000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.1.1.3	Peeled or cut fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
04.2.1.3	Peeled or cut vegetables	GMP		3
04.2.2.1	Frozen vegetables	20000 mg/kg		3
06.1	Whole, broken, or flaked grain, including rice	GMP		3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	2000 mg/kg		3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	10000 mg/kg		3
13.2	Weaning foods for infants and young children	20000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	500 mg/kg		3

**GUM ARABIC**

Gum Arabic

INS: 414

Function: Bulking Agent, Emulsifier, Filler, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	5000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.1	Fats and oils essentially free from water	15000 mg/kg		3

GUM ARABIC

DRAFT GSFA - TABLE ONE

Function: Bulking Agent, Emulsifier, Filler, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1	Fresh vegetables	83000 mg/kg		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	10000 mg/kg	Note 65	3
13.2	Weaning foods for infants and young children	20000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	500 mg/kg		3

**HEXAMETHYLENE TETRAMINE**

Hexamethylene Tetramine                      INS: 239

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6.2.1	Total ripened cheese, includes rind	25 mg/kg	Note 66	3
01.6.2.1	Total ripened cheese, includes rind	600 mg/kg		5

**HYDROCHLORIC ACID**

Hydrochloric Acid                                      INS: 507

Function: Acidity Regulator

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	GMP		3
06.2	Flours and starches	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**HYDROXYBENZOATES, p-**

Ethyl p-Hydroxybenzoate                      INS: 214                      Propyl p-Hydroxybenzoate                      INS: 216  
 Methyl p-Hydroxybenzoate                      INS: 218

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6.2	Ripened cheese	500 mg/kg	Note 27	5
01.6.4	Processed cheese	300 mg/kg	Note 27	5
01.6.5	Cheese analogues	500 mg/kg	Note 27	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	120 mg/kg	Note 27	5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	1000 mg/kg	Note 27	5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	300 mg/kg	Note 27	5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	300 mg/kg	Note 27	5
03.0	Edible ices, including sherbert and sorbet	1000 mg/kg	Note 27	3
04.1.1.2	Surface-treated fruit	12 mg/kg	Note 27	5
04.1.1.3	Peeled or cut fruit	12 mg/kg	Note 27	5
04.1.2.1	Frozen fruit	800 mg/kg	Note 27	5
04.1.2.2	Dried fruit	800 mg/kg	Note 27	5
04.1.2.3	Fruit in vinegar, oil, or brine	800 mg/kg	Note 27	5
04.1.2.4	Canned or bottled (pasteurized) fruit	800 mg/kg	Note 27	5
04.1.2.5	Jams, jellies, marmelades	1000 mg/kg	Note 27	5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	1000 mg/kg	Note 27	5
04.1.2.7	Candied fruit	1000 mg/kg	Note 27	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	800 mg/kg	Note 27	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	800 mg/kg	Note 27	5
04.1.2.10	Fermented fruit products	800 mg/kg	Note 27	5
04.1.2.11	Fruit fillings for pastries	800 mg/kg	Note 27	5
04.2.1.2	Surface-treated vegetables	12 mg/kg	Note 27	5
04.2.1.3	Peeled or cut vegetables	12 mg/kg	Note 27	5
04.2.2.3	Vegetables in vinegar, oil, or brine	1000 mg/kg	Note 27	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	300 mg/kg	Note 27	5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	1000 mg/kg	Note 27	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	1000 mg/kg	Note 27	5
04.2.2.7	Fermented vegetable products	300 mg/kg	Note 27	5
05.1.1	Cocoa mixes (powders and syrups)	700 mg/kg	Note 27	5
05.1.2	Cocoa-based spreads, including fillings	300 mg/kg	Note 27	5
05.1.4	Imitation chocolate, chocolate substitute products	300 mg/kg	Note 27	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	2000 mg/kg	Note 27	5
05.3	Chewing gum	300 mg/kg	Note 27	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	300 mg/kg	Note 27	5
07.2	Fine bakery wares	300 mg/kg	Note 27	5
08.2.1.2	Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts	GMP	Notes 3 & 27	5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	GMP	Notes 3 & 27	5
08.4	Edible casings (e.g., sausage casings)	36 mg/kg	Note 27	5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg	Note 27	5

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	100 mg/kg	Note 27	5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	100 mg/kg	Note 27	5
12.3	Vinegars	100 mg/kg	Note 27	5
12.4	Mustards	300 mg/kg	Note 27	5
12.5	Soups and broths	300 mg/kg	Note 27	5
12.6	Sauces and like products	1000 mg/kg	Note 27	5
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 05.1.2	300 mg/kg	Note 27	5
14.1.2	Fruit and vegetable juices	1000 mg/kg	Note 27	3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	1000 mg/kg	Note 27	5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	1000 mg/kg	Note 27	5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	800 mg/kg	Note 27	5
14.1.2.4	Concentrates (liquid or solid) for vegetable juice	200 mg/kg	Note 27	5
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	100 mg/kg	Note 27	3
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	100 mg/kg	Note 27	3
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	200 mg/kg	Note 27	5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	200 mg/kg	Note 27	5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Note 27	5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	450 mg/kg	Note 27	5
14.2.1	Beer and malt beverages	200 mg/kg	Note 27	5
14.2.1	Beer and malt beverages	1000 mg/kg	Note 27	3
14.2.2	Cider and perry	200 mg/kg	Note 27	5
14.2.3	Wines	50 mg/kg	Note 27	5
14.2.3	Wines	1000 mg/kg	Note 27	3
14.2.4	Fruit wine	200 mg/kg	Note 27	3
14.2.5	Mead	200 mg/kg	Note 27	5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	1000 mg/kg	Note 27	3
15.0	Ready-to-eat savouries	300 mg/kg	Note 27	5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	1000 mg/kg	Note 27	5

## HYDROXYPROPYL CELLULOSE

Hydroxypropyl Cellulose

INS: 463

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3

HYDROXYPROPYL CELLULOSE

DRAFT GSFA - TABLE ONE

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3

HYDROXYPROPYL DISTARCH PHOSPHATE

Hydroxypropyl Distarch Phosphate      INS: 1442

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

HYDROXYPROPYL METHYL CELLULOSE

Hydroxypropyl Methyl Cellulose      INS: 464

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3

HYDROXYPROPYL METHYL CELLULOSE

DRAFT GSFA - TABLE ONE

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3

HYDROXYPROPYL STARCH

Hydroxypropyl Starch

INS: 1440

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	25000 mg/kg		3
13.2	Weaning foods for infants and young children	60000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3
14.2.3.4	Aromatized wine	GMP		3

**INDIGOTINE**

Indigotine

INS: 132

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	300 mg/kg		5
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	6 mg/kg	Note 12	5
01.6.1	Unripened cheese	GMP		5
01.6.2.2	Rind of ripened cheese	100 mg/kg		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	300 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		5
02.2.1.1	Butter and concentrated butter	300 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	300 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	300 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	300 mg/kg		3
04.1.2.11	Fruit fillings for pastries	100 mg/kg		5
04.1.2.11	Fruit fillings for pastries	300 mg/kg		3
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	450 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	450 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.3	Breakfast cereals, including rolled oats	300 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5



Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	300 mg/kg		3
07.0	Bakery wares	300 mg/kg		3
07.1.1	Breads and rolls	300 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5
08.0	Meat and meat products, including poultry and game	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	300 mg/kg		3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	300 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	300 mg/kg		3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	300 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	300 mg/kg		3
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5

## INDIGOTINE

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.4	Fruit wine	200 mg/kg		5
14.2.6.1	Spirituous beverages containing more than 15% alcohol	300 mg/kg		5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	300 mg/kg		3
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

## INOSINIC ACID, 5'-

Inosinic Acid, 5'-

INS: 630

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

## INSOLUBLE POLYVINYLPIRROLIDONE

Insoluble Polyvinylpyrrolidone

INS: 1202

Function: Colour Retention Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.3	Wines	7190 mg/kg		3

## IRON OXIDES

Iron Oxide, Black

INS: 172i

Iron Oxide, Red

INS: 172ii

Iron Oxide, Yellow

INS: 172iii

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.2.2	Renneted milk	GMP		5
01.3.2	Beverage whiteners	GMP		5
01.4	Cream (plain) and the like	GMP		5
01.5.2	Milk powder and cream powder analogues	GMP		5
01.6.1	Unripened cheese	GMP		5
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	GMP		5
01.6.5	Cheese analogues	GMP		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	GMP		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5

## IRON OXIDES

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	GMP		5
03.0	Edible ices, including sherbert and sorbet	GMP		5
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		5
04.1.2.5	Jams, jellies, marmelades	GMP		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	GMP		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	GMP		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		5
04.2.1.2	Surface-treated vegetables	GMP		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	GMP		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP		5
05.1.2	Cocoa-based spreads, including fillings	GMP		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	GMP		5
05.3	Chewing gum	6000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		5
06.3	Breakfast cereals, including rolled oats	GMP		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		5
07.2	Fine bakery wares	GMP		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	GMP	Note 3	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.3	Frozen processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.4	Edible casings (e.g., sausage casings)	1000 mg/kg		5
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	GMP		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		5
12.4	Mustards	GMP		5

## IRON OXIDES

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
12.5	Soups and broths	GMP		5
12.6	Sauces and like products	GMP		5
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 05.1.2	GMP		5
12.9	Protein products	GMP		5
13.0	Foodstuffs intended for particular nutritional uses	GMP		5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP		5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		3
14.2.2	Cider and perry	GMP		5
14.2.3.2	Sparkling and semi-sparkling wines	GMP		5
14.2.3.4	Aromatized wine	GMP		5
14.2.4	Fruit wine	GMP		5
14.2.6	Spiritous beverages	GMP		5
15.0	Ready-to-eat savouries	GMP		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	GMP		5

## ISOMALT

Isomalt

INS: 593

Function: Anticaking Agent, Bulking Agent, Emulsifier, Glazing Agent, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.4	Pastas and noodles	GMP	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4.1	Cooked fish	GMP		3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**ISOPROPYL CITRATES**

Isopropyl Citrates

INS: 384

Function: Antioxidant, Carrier Solvent, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1.1	Butter oil, anhydrous milkfat, ghee	100 mg/kg		5
02.1.2	Vegetable oils and fats	100 mg/kg		5
02.1.3	Lard, tallow, fish oil and other animal fats	200 mg/kg		5
02.2.1.1	Butter and concentrated butter	100 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	200 mg/kg		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	100 mg/kg		5
08.1.2	Fresh meat, poultry and game, comminuted	200 mg/kg		5
08.2.1.2	Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts	200 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg		5

**KARAYA GUM**

Karaya Gum

INS: 416

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	200 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.2.3	Wines	500 mg/kg		3

**KONJAC FLOUR**

Konjac Flour

INS: 425

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
06.4	Pastas and noodles	10000 mg/kg	Note 54	3

**LACTIC ACID (L-, D- and DL-)**

Lactic Acid (L-, D- and DL-)

INS: 270

Function: Acidity Regulator

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	GMP		3
04.2.1	Fresh vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.2	Fresh meat, poultry and game, comminuted	6000 mg/kg		3

Function: Acidity Regulator

Food Cat. No.	Food Category	Max Level	Comments	Step
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	15000 mg/kg		3
14.2.3	Wines	GMP		3

## LACTIC AND FATTY ACID ESTERS OF GLYCEROL

Lactic and Fatty Acid Esters of Glycerol INS: 472b

Function: Emulsifier, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	10000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	10000 mg/kg		3
02.1.1	Butter oil, anhydrous milkfat, ghee	GMP		3
02.1.2	Vegetable oils and fats	GMP		3
02.1.3	Lard, tallow, fish oil and other animal fats	80000 mg/kg		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.1	Whole, broken, or flaked grain, including rice	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.1	Salt	5000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	5000 mg/kg	Note 51	3
12.8	Yeast	5000 mg/kg		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**LACTITOL**

Lactitol

INS: 966

Function: Bulking Agent, Emulsifier, Stabilizer, Sweetener, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
06.4	Pastas and noodles	GMP	Note 54	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**LECITHIN**

Lecithin

INS: 322

Function: Antioxidant, Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	5000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.1	Fats and oils essentially free from water	30000 mg/kg		3
02.2.1.1	Butter and concentrated butter	20000 mg/kg	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
06.2	Flours and starches	2000 mg/kg		3
06.4	Pastas and noodles	2000 mg/kg	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.1	Salt	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
12.8	Yeast	GMP		3
13.1	Infant formulae and follow-on formulae	3000 mg/kg		3
13.2	Weaning foods for infants and young children	50000 mg/kg		3

## LECITHIN

## DRAFT GSFA - TABLE ONE

Function: Antioxidant, Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**LYSOZYME HYDROCHLORIDE**

Lysozyme Hydrochloride

INS: 1105

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6	Cheese	GMP		5
01.6.2	Ripened cheese	GMP		8
14.2.2	Cider and perry	500 mg/kg		3
14.2.3	Wines	500 mg/kg		3
14.2.4	Fruit wine	500 mg/kg		3

**MAGNESIUM CARBONATE**

Magnesium Carbonate

INS: 504i

Function: Acidity Regulator, Anticaking Agent, Colour Retention Agent,

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.2	Flours and starches	GMP	Note 57	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	15000 mg/kg	Note 56	3
12.1	Salt	20000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.2	Weaning foods for infants and young children	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3



**MAGNESIUM CHLORIDE**

Magnesium Chloride

INS: 511

Function: Colour Retention Agent, Firming Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	2260 mg/kg		3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**MAGNESIUM GLUTAMATE, DI-L-**

Magnesium Glutamate, DI-L-

INS: 625

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**MAGNESIUM HYDROGEN CARBONATE**

Magnesium Hydrogen Carbonate

INS: 504ii

Function: Acidity Regulator, Anticaking Agent, Firming Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3

## MAGNESIUM HYDROGEN CARBONATE

## DRAFT GSFA - TABLE ONE

Function: Acidity Regulator, Anticaking Agent, Firming Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.1	Salt	20000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

## MAGNESIUM HYDROXIDE

Magnesium Hydroxide

INS: 528

Function: Acidity Regulator, Colour Retention Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Rennet milk	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**MAGNESIUM OXIDE**

Magnesium Oxide

INS: 530

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
12.1	Salt	20000 mg/kg		3
13.1	Infant formulae and follow-on formulae	GMP		3

**MAGNESIUM SILICATE (SYNTHETIC)**

Magnesium Silicate (Synthetic)

INS: 553i

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	15000 mg/kg	Note 56	3
12.1	Salt	20000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	10000 mg/kg	Note 51	3

**MALIC ACID (DL-)**

Malic Acid (DL-)

INS: 296

Function: Acidity Regulator, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	GMP		3
02.1.2	Vegetable oils and fats	100 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	100 mg/kg		3
04.2.1	Fresh vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
12.1	Salt	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	3500 mg/kg		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.2.3	Wines	GMP		3

**MALTITOL AND MALTITOL SYRUP**

Maltitol and Maltitol Syrup

INS: 965

Function: Bulking Agent, Emulsifier, Stabilizer, Sweetener, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
06.4	Pastas and noodles	GMP	Note 54	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**MALTOL**

Maltol

INS: 636

Function: Flavour Enhancer, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	200 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	200 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	200 mg/kg		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	200 mg/kg		3
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	200 mg/kg		3
05.3	Chewing gum	200 mg/kg		3
07.2	Fine bakery wares	200 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	200 mg/kg		3
14.2.2	Cider and perry	250 mg/kg		3
14.2.3	Wines	250 mg/kg		5
14.2.4	Fruit wine	250 mg/kg		3

**MANNITOL**

Mannitol

INS: 421

Function: Anticaking Agent, Bulking Agent, Emulsifier, Stabilizer, Sweetener, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
06.4	Pastas and noodles	GMP	Note 54	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**METHYL CELLULOSE**

Methyl Cellulose

INS: 461

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3

METHYL CELLULOSE

DRAFT GSFA - TABLE ONE

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg	Note 61	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**METHYL ETHYL CELLULOSE**

Methyl Ethyl Cellulose

INS: 465

Function: Bulking Agent, Emulsifier, Foaming Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3

**MICROCRYSTALLINE CELLULOSE**

Microcrystalline Cellulose

INS: 460i

Function: Anticaking Agent, Bulking Agent, Emulsifier, Foaming Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	20000 mg/kg		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	5000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	20000 mg/kg	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	10000 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**MICROCRYSTALLINE WAX**

Microcrystalline Wax

INS: 905ci

Function: Antifoaming Agent, Bulking Agent, Glazing Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
05.3	Chewing gum	200000 mg/kg		5

**MINERAL OIL**

Mineral Oil

INS: 905a

Function: Adjuvant, Antioxidant, Glazing Agent, Humectant, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.2	Dried fruit	5000 mg/kg		5
04.2.1.2	Surface-treated vegetables	GMP		5
04.2.2.2	Dried vegetables	200 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	GMP		5
05.0	Confectionary	3000 mg/kg		5
06.1	Whole, broken, or flaked grain, including rice	200 mg/kg		5
06.2	Flours and starches	3000 mg/kg		5
07.0	Bakery wares	3000 mg/kg	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	200 mg/kg	Note 67	3
08.2.3	Frozen processed meat, poultry, and game products in whole pieces or cuts	950 mg/kg	Note 3	5

MINERAL OIL

DRAFT GSFA - TABLE ONE

Function: Adjuvant, Antioxidant, Glazing Agent, Humectant, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	30 mg/kg	Note 67	3
08.3.3	Frozen processed comminuted meat, poultry, and game products	950 mg/kg	Note 3	5
08.4	Edible casings (e.g., sausage casings)	50000 mg/kg		3
10.2.3	Dried and/or heat coagulated egg products	1000 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	6000 mg/kg		3
12.3	Vinegars	GMP		5
12.8	Yeast	1500 mg/kg		5
13.6	Food supplements	6000 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.3	Wines	GMP		5

**MINERAL OIL (HIGH VISCOSITY)**

Mineral Oil (High Viscosity)                      INS: 905a

Function: Glazing Agent, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
05.3	Chewing gum	30000 mg/kg		5

**MINERAL OIL (MEDIUM & LOW VISCOSITY, CLASS I)**

Mineral Oil (Medium & Low Viscosity, Class I)                      INS: 905a

Function: Glazing Agent, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
05.3	Chewing gum	20000 mg/kg		5

**MINERAL OIL (MEDIUM & LOW VISCOSITY, CLASSES II & III)**

Mineral Oil (Medium & Low Viscosity, Classes II & III)                      INS: 905a

Function: Glazing Agent, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
05.3	Chewing gum	10000 mg/kg		5

**MONO- AND DIGLYCERIDES**

Mono- and Diglycerides                      INS: 471

Function: Antifoaming Agent, Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	2000 mg/kg		3
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	1000 mg/kg		3
01.4.1	Pasteurized cream	5000 mg/kg		3

## MONO- AND DIGLYCERIDES

## DRAFT GSFA - TABLE ONE

Function: Antifoaming Agent, Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.1.1	Butter oil, anhydrous milkfat, ghee	20000 mg/kg		3
02.1.2	Vegetable oils and fats	20000 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	100000 mg/kg		3
02.2.1.1	Butter and concentrated butter	20000 mg/kg	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.1	Whole, broken, or flaked grain, including rice	GMP		3
06.4	Pastas and noodles	30000 mg/kg	Note 64	3
08.1	Fresh meat, poultry and game	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		3
10.2.2	Frozen egg products	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	6000 mg/kg		3
12.1	Salt	5000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	5000 mg/kg	Note 51	3
12.8	Yeast	5000 mg/kg		3
13.1	Infant formulae and follow-on formulae	5000 mg/kg		3
13.2	Weaning foods for infants and young children	15000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	18 mg/kg		3

**MONOAMMONIUM GLUTAMATE, L-**

Monoammonium Glutamate, L-                      INS: 624

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**MONOPOTASSIUM GLUTAMATE, L-**

Monopotassium Glutamate, L-                      INS: 622

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**MONOSODIUM GLUTAMATE, L-**

Monosodium Glutamate, L-                      INS: 621



## MONOSODIUM GLUTAMATE, L-

## DRAFT GSFA - TABLE ONE

Function: Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.2.1	Frozen vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**MONOSTARCH PHOSPHATE**

Monostarch Phosphate

INS: 1410

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.2	Weaning foods for infants and young children	50000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

**NISIN**

Nisin

INS: 234

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.3	Clotted cream	10 mg/kg	Note 28	5
01.6.1	Unripened cheese	12.5 mg/kg	Note 28	5
01.6.2	Ripened cheese	12.5 mg/kg	Note 28	5
01.6.3	Whey cheese	12.5 mg/kg	Note 28	5
01.6.4	Processed cheese	250 mg/kg	Note 28	5
01.6.5	Cheese analogues	12.5 mg/kg	Note 28	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	GMP	Note 28	5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	3 mg/kg	Note 28	5
07.2	Fine bakery wares	250 mg/kg	Note 28	5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	GMP	Note 28	5

**NITRATES**

Sodium Nitrate

INS: 251

Potassium Nitrate

INS: 252

Function: Colour Retention Agent, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6	Cheese	37 mg/kg	Note 30	5
08.1	Fresh meat, poultry and game	146 mg/kg	Note 30	5

NITRATES

DRAFT GSFA - TABLE ONE

Function: Colour Retention Agent, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
08.2	Processed meat, poultry, and game products in whole pieces or cuts	365 mg/kg	Note 30	5
08.3	Processed comminuted meat, poultry, and game products	365 mg/kg	Note 30	5
08.4	Edible casings (e.g., sausage casings)	145 mg/kg	Note 30	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	365 mg/kg	Note 30	5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	218 mg/kg	Note 30	5
14.2.6.2	Spirituos beverages containing less than 15% alcohol	73 mg/kg	Notes 30 & 31	5

NITRITES

Potassium Nitrite

INS: 249

Sodium Nitrite

INS: 250

Function: Colour Retention Agent, Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6.1	Unripened cheese	17 mg/kg	Note 32	5
01.6.2	Ripened cheese	17 mg/kg	Note 32	5
01.6.3	Whey cheese	17 mg/kg	Note 32	5
01.6.4	Processed cheese	17 mg/kg	Note 32	5
01.6.5	Cheese analogues	34 mg/kg	Note 32	5
08.1	Fresh meat, poultry and game	134 mg/kg	Note 32	5
08.2.1.1	Cured (including salted) non-heat treated processed meat, poultry, and game products in whole pieces or cuts	416 mg/kg	Note 32	5
08.2.1.2	Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts	134 mg/kg	Note 32	5
08.2.1.3	Fermented non-heat treated processed meat, poultry, and game products in whole pieces or cuts	134 mg/kg	Note 32	5
08.2.2	Heat-treated processed meat, poultry, and game products in whole pieces or cuts	167 mg/kg	Note 32	5
08.2.3	Frozen processed meat, poultry, and game products in whole pieces or cuts	167 mg/kg	Note 32	5
08.3	Processed comminuted meat, poultry, and game products	134 mg/kg	Note 32	5
08.4	Edible casings (e.g., sausage casings)	134 mg/kg	Note 32	5
09.2.4.1	Cooked fish	50 mg/kg	Note 32	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	134 mg/kg	Note 32	5
09.3.3	Salmon substitutes, caviar, and other fish roe products	5 mg/kg	Note 32	5

NITROGEN

Nitrogen

INS: 941

Function: Propellant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	GMP	Note 59	3
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	GMP	Note 59	3
01.4.1	Pasteurized cream	GMP	Note 59	3
04.1.1	Fresh fruit	GMP	Note 59	3
04.2.2.1	Frozen vegetables	GMP	Note 59	3

## NITROGEN

## DRAFT GSFA - TABLE ONE

Function: Propellant

Food Cat. No.	Food Category	Max Level	Comments	Step
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 59	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 59	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP	Note 59	3
14.2.3	Wines	GMP	Note 59	3

## NITROUS OXIDE

Nitrous Oxide

INS: 942

Function: Propellant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	GMP		5
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	GMP		5
01.4.1	Pasteurized cream	GMP		5
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		5
02.1.2	Vegetable oils and fats	GMP		5
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		5
02.2.1.1	Butter and concentrated butter	GMP	Note 52	5
04.1.1.1	Untreated fruit	GMP		5
04.1.1.3	Peeled or cut fruit	GMP		5
04.2.1.1	Untreated vegetables	GMP		5
04.2.1.3	Peeled or cut vegetables	GMP		5
04.2.2.1	Frozen vegetables	GMP		5
06.1	Whole, broken, or flaked grain, including rice	GMP		5
06.2	Flours and starches	GMP		5
06.4	Pastas and noodles	GMP	Note 54	5
08.1	Fresh meat, poultry and game	GMP		5
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
10.1	Fresh eggs	GMP		5
10.2.1	Liquid egg products	GMP		5
10.2.2	Frozen egg products	GMP		5
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	GMP		5
11.3	Honey	GMP		5
12.1	Salt	GMP		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	5
12.8	Yeast	GMP		5
13.1	Infant formulae and follow-on formulae	GMP		5
13.2	Weaning foods for infants and young children	GMP		5
14.1.1.1	Natural mineral waters and source waters	GMP	Note 68	5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		5



OXYSTEARIN

DRAFT GSFA - TABLE ONE

Function: Antifoaming Agent, Crystallization Inhibitor, Release Agent, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	1250 mg/kg		3
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	1250 mg/kg		3
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	GMP		8
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	250 mg/kg		8

**PAPAIN**

Papain

INS: 1101ii

Function: Flavour Enhancer, Flour Treatment Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
06.2	Flours and starches	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
14.2.3	Wines	GMP		3

**PECTINS (AMIDATED AND NON-AMIDATED)**

Pectins (Amidated and Non-Amidated)

INS: 440

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	GMP		3
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.1.1.3	Peeled or cut fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
04.2.1.3	Peeled or cut vegetables	GMP		3
04.2.2.1	Frozen vegetables	20000 mg/kg		3
06.4	Pastas and noodles	GMP	Note 54	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg	Note 61	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
13.1	Infant formulae and follow-on formulae	10000 mg/kg		3
13.2	Weaning foods for infants and young children	20000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3

**PHOSPHATED DISTARCH PHOSPHATE**

Phosphated Distarch Phosphate

INS: 1413

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.1	Infant formulae and follow-on formulae	60000 mg/kg		3
13.2	Weaning foods for infants and young children	60000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	10000 mg/kg		3

**PHOSPHATES**

Orthophosphoric Acid	INS: 338	Monosodium Orthophosphate	INS: 339i
Disodium Orthophosphate	INS: 339ii	Trisodium Orthophosphate	INS: 339iii
Monopotassium Orthophosphate	INS: 340i	Dipotassium Orthophosphate	INS: 340ii
Tripotassium Orthophosphate	INS: 340iii	Monocalcium Orthophosphate	INS: 341i
Dicalcium Orthophosphate	INS: 341ii	Tricalcium Orthophosphate	INS: 341iii
Monoammonium Orthophosphate	INS: 342i	Diammonium Orthophosphate	INS: 342ii
Dimagnesium Orthophosphate	INS: 343ii	Trimagnesium Orthophosphate	INS: 343iii
Disodium Diphosphate	INS: 450i	Tetrasodium Diphosphate	INS: 450iii
Tetrapotassium Diphosphate	INS: 450v	Dicalcium Diphosphate	INS: 450vi
Pentasodium Triphosphate	INS: 451i	Pentapotassium Triphosphate	INS: 451ii
Sodium Polyphosphate	INS: 452i	Potassium Polyphosphate	INS: 452ii
Calcium Polyphosphates	INS: 452iv	Ammonium Polyphosphates	INS: 452v
Bone Phosphate	INS: 542		

Function: Anticaking Agt, Acidity Reg., Adj., Antioxidant, Colour Retention Agt, Emulsifier, Flavour Enh, Firming Agt, Flour Trt Agt, Humectant, Pres., Raising Agt, Seq., Stabilizer, Thk

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	440 mg/kg	Note 33	5
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	660 mg/kg	Note 33	5
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	440 mg/kg	Note 33	5
01.3.1	Condensed milk (plain)	660 mg/kg	Notes 33 & 34	5
01.3.2	Beverage whiteners	11000 mg/kg	Note 33	5
01.4	Cream (plain) and the like	1100 mg/kg	Note 33	5
01.5.1	Milk powder and cream powder	2200 mg/kg	Note 33	5
01.5.2	Milk powder and cream powder analogues	440 mg/kg	Note 33	5
01.6.1	Unripened cheese	1100 mg/kg	Note 33	5
01.6.1	Unripened cheese	10000 mg/kg	Note 33	3
01.6.2	Ripened cheese	440 mg/kg	Note 33	5
01.6.3	Whey cheese	440 mg/kg	Note 33	5
01.6.4	Processed cheese	8800 mg/kg	Notes 33 & 34	5
01.6.4	Processed cheese	10000 mg/kg	Note 33	3
01.6.5	Cheese analogues	6600 mg/kg	Note 33	5

## PHOSPHATES

## DRAFT GSFA - TABLE ONE

Function: Anticaking Agt, Acidity Reg., Adj., Antioxidant, Colour Retention Agt, Emulsifier, Flavour Enh, Firming Agt, Flour Trt Agt, Humectant, Pres., Raising Agt, Seq., Stabilizer, Thk

Food Cat. No.	Food Category	Max Level	Comments	Step
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	4400 mg/kg	Note 33	5
01.8	Whey and whey products, excluding whey cheese	440 mg/kg	Note 33	5
02.1.1	Butter oil, anhydrous milkfat, ghee	22 mg/kg	Note 33	5
02.1.2	Vegetable oils and fats	110 mg/kg	Note 33	5
02.1.3	Lard, tallow, fish oil and other animal fats	110 mg/kg	Note 33	5
02.2.1.1	Butter and concentrated butter	440 mg/kg	Note 33	5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	110 mg/kg	Note 33	5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	GMP	Note 33	5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	1100 mg/kg	Note 33	5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	660 mg/kg	Note 33	5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	7000 mg/kg	Note 33	3
03.0	Edible ices, including sherbert and sorbet	1650 mg/kg	Note 33	5
03.0	Edible ices, including sherbert and sorbet	12000 mg/kg	Note 33	3
04.1.2.1	Frozen fruit	200 mg/kg	Note 33	5
04.1.2.2	Dried fruit	10 mg/kg	Note 33	3
04.1.2.3	Fruit in vinegar, oil, or brine	240 mg/kg	Note 33	3
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg	Note 33	5
04.1.2.5	Jams, jellies, marmelades	275 mg/kg	Note 33	5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	240 mg/kg	Note 33	3
04.1.2.7	Candied fruit	10 mg/kg	Note 33	3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	7000 mg/kg	Note 33	3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	660 mg/kg	Note 33	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	7000 mg/kg	Note 33	3
04.1.2.11	Fruit fillings for pastries	7000 mg/kg	Note 33	3
04.2.1.1	Untreated vegetables	200 mg/kg	Note 33	3
04.2.1.2	Surface-treated vegetables	880 mg/kg	Note 33	5
04.2.1.3	Peeled or cut vegetables	220 mg/kg	Note 33	3
04.2.2.1	Frozen vegetables	1100 mg/kg	Note 33	5
04.2.2.1	Frozen vegetables	5000 mg/kg	Note 33	3
04.2.2.2	Dried vegetables	1100 mg/kg	Note 33	5
04.2.2.2	Dried vegetables	5000 mg/kg	Note 33	3
04.2.2.3	Vegetables in vinegar, oil, or brine	1100 mg/kg	Note 33	5
04.2.2.3	Vegetables in vinegar, oil, or brine	2200 mg/kg	Note 33	3
04.2.2.4	Canned or bottled (pasteurized) vegetables	1100 mg/kg	Note 33	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	2200 mg/kg	Note 33	3
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	1 mg/kg	Note 33	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	1100 mg/kg	Note 33	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	2200 mg/kg	Note 33	3
04.2.2.7	Fermented vegetable products	1 mg/kg	Note 33	5
04.2.2.8	Cooked or fried vegetables	1100 mg/kg	Note 33	5
04.2.2.8	Cooked or fried vegetables	2200 mg/kg	Note 33	3
05.1.1	Cocoa mixes (powders and syrups)	2200 mg/kg	Note 33	5
05.1.1	Cocoa mixes (powders and syrups)	6000 mg/kg	Note 33	3

## PHOSPHATES

## DRAFT GSFA - TABLE ONE

Function: Anticaking Agt, Acidity Reg., Adj., Antioxidant, Colour Retention Agt, Emulsifier, Flavour Enh, Firming Agt, Flour Trt Agt, Humectant, Pres., Raising Agt, Seq., Stabilizer, Thk

Food Cat. No.	Food Category	Max Level	Comments	Step
05.1.2	Cocoa-based spreads, including fillings	550 mg/kg	Note 33	5
05.1.2	Cocoa-based spreads, including fillings	2200 mg/kg	Note 33	3
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	550 mg/kg	Note 33	5
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	2200 mg/kg	Note 33	3
05.1.4	Imitation chocolate, chocolate substitute products	550 mg/kg	Note 33	5
05.1.4	Imitation chocolate, chocolate substitute products	2200 mg/kg	Note 33	3
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	1100 mg/kg	Note 33	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	1300 mg/kg	Note 33	3
05.3	Chewing gum	22000 mg/kg	Note 33	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	1100 mg/kg	Notes 33 & 35	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	7000 mg/kg	Note 33	3
06.1	Whole, broken, or flaked grain, including rice	220 mg/kg	Note 33	5
06.2	Flours and starches	9900 mg/kg	Note 33	5
06.3	Breakfast cereals, including rolled oats	1100 mg/kg	Note 33	5
06.4	Pastas and noodles	2200 mg/kg	Note 33	5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	660 mg/kg	Note 33	5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	7000 mg/kg	Note 33	3
06.6	Batters (e.g., for breading or batters for fish or poultry)	1100 mg/kg	Note 33	5
06.6	Batters (e.g., for breading or batters for fish or poultry)	3000 mg/kg	Note 33	3
07.1.1	Breads and rolls	4400 mg/kg	Note 33	5
07.1.1	Breads and rolls	9300 mg/kg	Note 33	3
07.1.2	Crackers, excluding sweet crackers	1100 mg/kg	Note 33	5
07.1.2	Crackers, excluding sweet crackers	8000 mg/kg	Note 33	3
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	5500 mg/kg	Note 33	5
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	8000 mg/kg	Note 33	3
07.1.4	Bread-type products, including bread stuffing and bread crumbs	1100 mg/kg	Note 33	5
07.1.4	Bread-type products, including bread stuffing and bread crumbs	8000 mg/kg	Note 33	3
07.2	Fine bakery wares	4400 mg/kg	Note 33	5
07.2	Fine bakery wares	8000 mg/kg	Note 33	3
08.1	Fresh meat, poultry and game	1100 mg/kg	Note 33	5
08.2.1	Non-heat treated processed meat, poultry, and game products in whole pieces or cuts	1100 mg/kg	Note 33	5
08.2.2	Heat-treated processed meat, poultry, and game products in whole pieces or cuts	1540 mg/kg	Note 33	5
08.2.3	Frozen processed meat, poultry, and game products in whole pieces or cuts	1100 mg/kg	Note 33	5
08.3	Processed comminuted meat, poultry, and game products	1100 mg/kg	Note 33	5
08.4	Edible casings (e.g., sausage casings)	880 mg/kg	Note 33	5
08.4	Edible casings (e.g., sausage casings)	1100 mg/kg	Note 33	3
09.1.1	Fresh fish	GMP	Note 33	5



## PHOSPHATES

## DRAFT GSFA - TABLE ONE

Function: Anticaking Agt, Acidity Reg., Adj., Antioxidant, Colour Retention Agt, Emulsifier, Flavour Enh, Firming Agt, Flour Trt Agt, Humectant, Pres., Raising Agt, Seq., Stabilizer, Thk

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	2200 mg/kg	Note 33	5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	2200 mg/kg	Note 33	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	1100 mg/kg	Note 33	3
09.2.4.1	Cooked fish	1100 mg/kg	Note 33	5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	1100 mg/kg	Note 33	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 33	5
09.3.1	Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly	220 mg/kg	Note 33	3
09.3.2	Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine	1100 mg/kg	Note 33	5
09.3.3	Salmon substitutes, caviar, and other fish roe products	220 mg/kg	Note 33	3
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	1100 mg/kg	Note 33	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	2200 mg/kg	Note 33	5
10.2.1	Liquid egg products	2200 mg/kg	Note 33	5
10.2.2	Frozen egg products	1100 mg/kg	Note 33	5
10.2.3	Dried and/or heat coagulated egg products	GMP	Note 33	5
10.3	Preserved eggs, including alkaline, salted and canned eggs	220 mg/kg	Note 33	3
10.4	Egg-based desserts (e.g., custard)	660 mg/kg	Note 33	5
10.4	Egg-based desserts (e.g., custard)	7000 mg/kg	Note 33	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	3300 mg/kg	Notes 33 & 56	5
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	220 mg/kg	Note 33	3
12.1	Salt	4400 mg/kg	Note 33	5
12.1	Salt	5500 mg/kg	Note 33	3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	4400 mg/kg	Note 33	5
12.4	Mustards	660 mg/kg	Note 33	5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	660 mg/kg	Note 33	5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	4600 mg/kg	Note 33	3
12.5.2	Mixes for soups and broths	3300 mg/kg	Note 33	5
12.5.2	Mixes for soups and broths	6000 mg/kg	Note 33	3
12.6	Sauces and like products	2200 mg/kg	Note 33	5
12.6	Sauces and like products	8000 mg/kg	Note 33	3
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 05.1.2	GMP	Note 33	5
12.9	Protein products	4400 mg/kg	Note 33	5
13.0	Foodstuffs intended for particular nutritional uses	1100 mg/kg	Note 33	5
14.1.1.2	Table waters and soda waters	660 mg/kg	Note 33	5
14.1.2	Fruit and vegetable juices	2500 mg/kg	Note 33	3
14.1.3	Fruit and vegetable nectars	2500 mg/kg	Note 33	3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	12000 mg/kg	Note 33	3
14.1.4.1	Carbonated drinks	2200 mg/kg	Note 33	5
14.1.4.2	Non-carbonated, including punches and ades	2200 mg/kg	Note 33	5
14.1.4.3	Concentrates (liquid or solid) for drinks	5500 mg/kg	Note 33	5

PHOSPHATES

DRAFT GSFA - TABLE ONE

Function: Anticaking Agt, Acidity Reg., Adj., Antioxidant, Colour Retention Agt, Emulsifier, Flavour Enh, Firming Agt, Flour Trt Agt, Humectant, Pres., Raising Agt, Seq., Stabilizer, Thk

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	440 mg/kg	Note 33	5
14.2.1	Beer and malt beverages	220 mg/kg	Note 33	5
14.2.1	Beer and malt beverages	12000 mg/kg	Note 33	3
14.2.2	Cider and perry	440 mg/kg	Note 33	5
14.2.3	Wines	220 mg/kg	Note 33	5
14.2.3	Wines	12000 mg/kg	Note 33	3
14.2.4	Fruit wine	220 mg/kg	Note 33	5
14.2.5	Mead	220 mg/kg	Note 33	5
14.2.6	Spiritous beverages	220 mg/kg	Note 33	5
14.2.6.2	Spiritous beverages containing less than 15% alcohol	12000 mg/kg	Note 33	3
15.0	Ready-to-eat savouries	1100 mg/kg	Note 33	5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	1300 mg/kg	Note 33	3
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	220 mg/kg	Note 33	5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	2000 mg/kg	Note 33	3

**PHOSPHATIDIC ACID, AMMONIUM SALT**

Phosphatidic Acid, Ammonium Salt

INS: 442

Function: Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.4	Cream (plain) and the like	GMP		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	7500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	GMP		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	10000 mg/kg		5
07.1.1	Breads and rolls	GMP		5

**PIMARICIN**

Pimaricin

INS: 235

Function: Preservative

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6	Cheese	40 mg/kg	Note 3	5
08.2.1.2	Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts	6 mg/kg		3
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	6 mg/kg		3
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	20 mg/kg	Note 3	5
14.1.2	Fruit and vegetable juices	10 mg/kg		5

**POLYDEXTROSE**

Polydextroses A and N

INS: 1200

Function: Bulking Agent, Humectant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	GMP		3
01.2	Fermented and renneted milk products (plain), excluding food category 01.1.2 (dairy-based drinks)	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
11.3	Honey	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

**POLYDIMETHYLSILOXANE**

Polydimethylsiloxane

INS: 900a

Function: Anticaking Agent, Antifoaming Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
01.5.1	Milk powder and cream powder	10 mg/kg		8
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	50 mg/kg		3
02.1	Fats and oils essentially free from water	10 mg/kg		8
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	10 mg/kg		8
03.0	Edible ices, including sherbert and sorbet	50 mg/kg		3
04.1.2.3	Fruit in vinegar, oil, or brine	10 mg/kg		8
04.1.2.4	Canned or bottled (pasteurized) fruit	10 mg/kg		8
04.1.2.5	Jams, jellies, marmelades	30 mg/kg		8
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	10 mg/kg		8
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	110 mg/kg		8
04.1.2.11	Fruit fillings for pastries	50 mg/kg		3
04.2.2.1	Frozen vegetables	10 mg/kg	Note 15	8
04.2.2.3	Vegetables in vinegar, oil, or brine	10 mg/kg		8
04.2.2.4	Canned or bottled (pasteurized) vegetables	10 mg/kg		8
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	10 mg/kg		8
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	50 mg/kg		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	10 mg/kg		8

## POLYDIMETHYLSILOXANE

## DRAFT GSFA - TABLE ONE

Function: Anticaking Agent, Antifoaming Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	10 mg/kg		8
05.3	Chewing gum	100 mg/kg		8
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	50 mg/kg		3
06.6	Batters (e.g., for breading or batters for fish or poultry)	10 mg/kg		8
07.0	Bakery wares	10 mg/kg	Notes 3 & 36	3
08.2	Processed meat, poultry, and game products in whole pieces or cuts	50 mg/kg		3
08.3	Processed comminuted meat, poultry, and game products	50 mg/kg		3
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	50 mg/kg		3
10.2	Egg products	50 mg/kg		3
10.3	Preserved eggs, including alkaline, salted and canned eggs	50 mg/kg		3
10.4	Egg-based desserts (e.g., custard)	50 mg/kg		3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	50 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	50 mg/kg		3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	50 mg/kg		3
12.1	Salt	10 mg/kg		8
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	50 mg/kg		3
12.5	Soups and broths	10 mg/kg		8
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	50 mg/kg		3
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	10 mg/kg		3
12.6.3	Mixes for sauces and gravies	10 mg/kg		3
12.8	Yeast	50 mg/kg		3
13.0	Foodstuffs intended for particular nutritional uses	50 mg/kg		3
14.1.2	Fruit and vegetable juices	10 mg/kg		8
14.1.3	Fruit and vegetable nectars	50 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	20 mg/kg		8
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	50 mg/kg		3
14.2.1	Beer and malt beverages	10 mg/kg		8
14.2.2	Cider and perry	10 mg/kg		8
14.2.4	Fruit wine	10 mg/kg		8
14.2.6	Spiritous beverages	50 mg/kg		3

## POLYETHYLENE GLYCOL

Polyethylene Glycol

INS: 1521

Function: Adjuvant, Antifoaming Agent, Carrier Solvent, Emulsifier, Flavour Enhancer, Glazing Agent, Release Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1.2	Surface-treated fruit	GMP		5
05.3	Chewing gum	20000 mg/kg		5
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	10000 mg/kg		5
13.6	Food supplements	70000 mg/kg		5

Function: Adjuvant, Antifoaming Agent, Carrier Solvent, Emulsifier, Flavour Enhancer, Glazing Agent, Release Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg		5

## POLYGLYCEROL ESTERS OF FATTY ACIDS

Polyglycerol Esters of Fatty Acids

INS: 475

Function: Adjuvant, Crystallization Inhibitor, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	2000 mg/kg		5
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	5000 mg/kg		3
01.2.1	Fermented milks (plain)	30000 mg/kg		3
01.3.2	Beverage whiteners	5000 mg/kg		5
01.4	Cream (plain) and the like	5000 mg/kg		5
01.4	Cream (plain) and the like	10000 mg/kg		3
01.5	Milk powder and cream powder (plain)	10000 mg/kg		3
01.5.2	Milk powder and cream powder analogues	5000 mg/kg		5
01.6.4	Processed cheese	5000 mg/kg		3
01.6.5	Cheese analogues	5000 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	10000 mg/kg		3
02.0	Fats and oils, and fat emulsions (type water-in-oil)	10000 mg/kg		5
02.0	Fats and oils, and fat emulsions (type water-in-oil)	20000 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	10000 mg/kg		5
04.1.1.2	Surface-treated fruit	1000 mg/kg		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	5000 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	2000 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	9000 mg/kg		3
04.1.2.11	Fruit fillings for pastries	5000 mg/kg		3
04.2.1.3	Peeled or cut vegetables	3000 mg/kg		3
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	2000 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	5000 mg/kg		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	5000 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	10000 mg/kg		3
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	5000 mg/kg		5
05.3	Chewing gum	20000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	10000 mg/kg		3
06.1	Whole, broken, or flaked grain, including rice	10000 mg/kg		3
06.2	Flours and starches	10000 mg/kg		3
06.3	Breakfast cereals, including rolled oats	10000 mg/kg		5
06.4	Pastas and noodles	20000 mg/kg		3

## POLYGLYCEROL ESTERS OF FATTY ACIDS

## DRAFT GSFA - TABLE ONE

Function: Adjuvant, Crystallization Inhibitor, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	2000 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	9000 mg/kg		3
06.6	Batters (e.g., for breading or batters for fish or poultry)	10000 mg/kg		3
07.1.1	Breads and rolls	10000 mg/kg		5
07.1.2	Crackers, excluding sweet crackers	6000 mg/kg		3
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	6000 mg/kg		3
07.1.4	Bread-type products, including bread stuffing and bread crumbs	10000 mg/kg		3
07.2	Fine bakery wares	10000 mg/kg		5
08.0	Meat and meat products, including poultry and game	5000 mg/kg		3
09.0	Fish and fish products, including mollusks, crustaceans, and echinoderms	10000 mg/kg		3
10.2	Egg products	1000 mg/kg		5
10.2	Egg products	5000 mg/kg		3
10.4	Egg-based desserts (e.g., custard)	2000 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	9000 mg/kg		3
12.5	Soups and broths	5000 mg/kg		3
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	GMP		5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	10000 mg/kg		3
12.6.3	Mixes for sauces and gravies	10000 mg/kg		3
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	5000 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	5000 mg/kg		5
13.6	Food supplements	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	9000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	5000 mg/kg		3
14.2.1	Beer and malt beverages	500 mg/kg		5
14.2.2	Cider and perry	5000 mg/kg		5
14.2.3	Wines	500 mg/kg		5
14.2.4	Fruit wine	500 mg/kg		5
14.2.5	Mead	500 mg/kg		5
14.2.6	Spiritous beverages	5000 mg/kg		5
15.0	Ready-to-eat savouries	10000 mg/kg		3
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be placed in food categories 01 - 15.	GMP		5

## POLYGLYCEROL ESTERS OF INTERESTERIFIED RICINOLEIC ACID

Polyglycerol Esters of Interesterified Ricinoleic Acid

INS: 476

Function: Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4	Cream (plain) and the like	5000 mg/kg		3
01.5	Milk powder and cream powder (plain)	10000 mg/kg		3

## POLYGLYCEROL ESTERS OF INTERESTERIFIED RICINOLEIC ACID

## DRAFT GSFA - TABLE ONE

Function: Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6.4	Processed cheese	5000 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		3
02.0	Fats and oils, and fat emulsions (type water-in-oil)	10000 mg/kg		3
02.2	Fat emulsions mainly of type water-in-oil	5000 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	20000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	10000 mg/kg		3
04.1.1.2	Surface-treated fruit	1000 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	5000 mg/kg		3
04.1.2.11	Fruit fillings for pastries	5000 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	5000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	3000 mg/kg		5
05.3	Chewing gum	20000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	5000 mg/kg		5
06.0	Cereals and cereal products, including flours & starches from roots & tubers, pulses & legumes excluding bakery wares of food category 07.0	5000 mg/kg		3
07.0	Bakery wares	5000 mg/kg		3
08.0	Meat and meat products, including poultry and game	5000 mg/kg		3
09.0	Fish and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		3
10.2	Egg products	5000 mg/kg		3
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg		3
12.5	Soups and broths	5000 mg/kg		3
12.6	Sauces and like products	4000 mg/kg		5
12.6	Sauces and like products	5000 mg/kg		3
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 05.1.2	4000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	5000 mg/kg		3
13.4	Dietetic formulae for slimming purposes and weight reduction	5000 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	5000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	5000 mg/kg		3
14.2.1	Beer and malt beverages	1000 mg/kg		3
14.2.2	Cider and perry	1000 mg/kg		3
14.2.3	Wines	1000 mg/kg		3
14.2.4	Fruit wine	1000 mg/kg		3
15.0	Ready-to-eat savouries	1000 mg/kg		3

**POLYOXYETHYLENE STEARATES**

Polyoxyethylene (8) Stearate

INS: 430

Polyoxyethylene (40) Stearate

INS: 431

## POLYOXYETHYLENE STEARATES

## DRAFT GSFA - TABLE ONE

Function: Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
05.3	Chewing gum	20000 mg/kg		5
07.0	Bakery wares	400 mg/kg		5
07.0	Bakery wares	4000 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		5
14.2.3	Wines	GMP		5

## POLYSORBATES

Polyoxyethylene (20) Sorbitan Monolaurate	INS: 432	Polyoxyethylene (20) Sorbitan Monooleate	INS: 433
Polyoxyethylene (20) Sorbitan Monopalmitate	INS: 434	Polyoxyethylene (20) Sorbitan Monostearate	INS: 435
Polyoxyethylene (20) Sorbitan Tristearate	INS: 436		

Function: Antifoaming Agent, Adjuvant, Emulsifier, Foaming Agent, Flour Treatment Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	5000 mg/kg		5
01.3.2	Beverage whiteners	5000 mg/kg		5
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	3000 mg/kg		5
01.4.4	Cream analogues	5000 mg/kg		5
01.5.2	Milk powder and cream powder analogues	4000 mg/kg		5
01.6.1	Unripened cheese	80 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	6000 mg/kg		5
02.0	Fats and oils, and fat emulsions (type water-in-oil)	10000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	1000 mg/kg		5
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	3000 mg/kg		5
04.1.2.11	Fruit fillings for pastries	5000 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	30 mg/kg	Note 7	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	3000 mg/kg		5
05.1.1	Cocoa mixes (powders and syrups)	5000 mg/kg		5
05.1.2	Cocoa-based spreads, including fillings	10000 mg/kg		5
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	10000 mg/kg		5
05.1.4	Imitation chocolate, chocolate substitute products	5000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	1000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	10000 mg/kg		3
05.3	Chewing gum	20000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	5000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	7000 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	3000 mg/kg		5



POLYSORBATES

DRAFT GSFA - TABLE ONE

Function: Antifoaming Agent, Adjuvant, Emulsifier, Foaming Agent, Flour Treatment Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
06.6	Batters (e.g., for breading or batters for fish or poultry)	5000 mg/kg	Note 2	5
07.1.1	Breads and rolls	500 mg/kg		5
07.1.2	Crackers, excluding sweet crackers	5000 mg/kg	Note 11	5
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	10000 mg/kg	Note 11	5
07.1.4	Bread-type products, including bread stuffing and bread crumbs	5000 mg/kg	Note 11	5
07.2	Fine bakery wares	5000 mg/kg		5
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	175 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	10000 mg/kg		5
08.3	Processed comminuted meat, poultry, and game products	10000 mg/kg		5
08.4	Edible casings (e.g., sausage casings)	1500 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg		5
12.1	Salt	10 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	4600 mg/kg		5
12.5	Soups and broths	1000 mg/kg		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	5000 mg/kg		5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	4600 mg/kg		5
12.6.3	Mixes for sauces and gravies	5000 mg/kg		5
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 05.1.2	2000 mg/kg		5
12.8	Yeast	4 mg/kg		5
12.9	Protein products	4000 mg/kg	Note 15	5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	1000 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	1000 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	360 mg/dos		5
13.6	Food supplements	790 mg/kg		5
14.1.4.1	Carbonated drinks	500 mg/kg		5
14.1.4.2	Non-carbonated, including punches and ades	500 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	45000 mg/kg		5
14.2.6	Spiritous beverages	120 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	2000 mg/kg		5

POLYVINYLPIRROLIDONE

Polyvinylpyrrolidone

INS: 1201

Function: Adjuvant, Emulsifier, Glazing Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1.2	Surface-treated fruit	GMP		8
05.3	Chewing gum	10000 mg/kg		8
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	3000 mg/kg		8
12.3	Vinegars	40 mg/kg		8
13.6	Food supplements	GMP		8
14.1.4.3	Concentrates (liquid or solid) for drinks	500 mg/kg		8

Function: Adjuvant, Emulsifier, Glazing Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.1	Beer and malt beverages	10 mg/kg	Note 36	8
14.2.2	Cider and perry	2 mg/kg	Note 36	8

**PONCEAU 4R**

Ponceau 4R

INS: 124

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5
01.2.1	Fermented milks (plain)	48 mg/kg		5
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	150 mg/kg		3
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	100 mg/kg		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	150 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	300 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.11	Fruit fillings for pastries	100 mg/kg		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	100 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	150 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
07.1	Bread and ordinary bakery wares	200 mg/kg		3
07.2	Fine bakery wares	200 mg/kg		5
08.1	Fresh meat, poultry and game	500 mg/kg	Note 3	5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
08.2	Processed meat, poultry, and game products in whole pieces or cuts	30 mg/kg		5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	250 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	200 mg/kg		5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	30 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	200 mg/kg		3
08.3.3	Frozen processed comminuted meat, poultry, and game products	200 mg/kg		3
08.4	Edible casings (e.g., sausage casings)	500 mg/kg		5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	100 mg/kg		5
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	200 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	200 mg/kg		3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	200 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
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 05.1.2	200 mg/kg		3
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
13.6	Food supplements	300 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

## POTASSIUM ACETATES

Potassium Acetates

INS: 261

Function: Acidity Regulator

Food Cat. No.	Food Category	Max Level	Comments	Step
13.2	Weaning foods for infants and young children	GMP		3

## POTASSIUM ALGINATE

Potassium Alginate

INS: 402

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	6000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.4.1	Pasteurized cream	100 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.1	Infant formulae and follow-on formulae	300 mg/kg		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	2500 mg/kg		3
14.2.3.2	Sparkling and semi-sparkling wines	GMP		3

## POTASSIUM ASCORBATE

Potassium Ascorbate

INS: 303

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1	Fresh fruit	GMP		3

POTASSIUM ASCORBATE

DRAFT GSFA - TABLE ONE

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
06.2	Flours and starches	300 mg/kg		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg	Note 70	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
13.1	Infant formulae and follow-on formulae	50 mg/kg		3
13.2	Weaning foods for infants and young children	500 mg/kg	Note 70	3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.2.3	Wines	GMP		3

POTASSIUM CARBONATE

Potassium Carbonate

INS: 501i

Function: Acidity Regulator, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
06.4	Pastas and noodles	2600 mg/kg	Note 54	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.2.3	Wines	5000 mg/kg		3

POTASSIUM CHLORIDE

Potassium Chloride

INS: 508

Function: Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	30000 mg/kg		3
13.1	Infant formulae and follow-on formulae	GMP		3

POTASSIUM DIHYDROGEN CITRATE

Potassium Dihydrogen Citrate

INS: 332i

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3

**POTASSIUM DIHYDROGEN CITRATE****DRAFT GSFA - TABLE ONE**

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 61	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.2	Weaning foods for infants and young children	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**POTASSIUM HYDROGEN CARBONATE**

Potassium Hydrogen Carbonate

INS: 501ii

Function: Acidity Regulator, Raising Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.2.3	Wines	5000 mg/kg		3

**POTASSIUM HYDROXIDE**

Potassium Hydroxide

INS: 525

Function: Acidity Regulator, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3



PROCESSED EUCHEUMA SEAWEED

DRAFT GSFA - TABLE ONE

Function: Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	5000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		5
01.3.1	Condensed milk (plain)	1000 mg/kg		5
01.4.1	Pasteurized cream	GMP		5
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		5
01.4.3	Clotted cream	5000 mg/kg		5
01.4.4	Cream analogues	GMP		5
01.6.1	Unripened cheese	5000 mg/kg		5
01.6.2.3	Cheese powder (for reconstitution; e.g., for cheese sauces)	GMP		5
01.6.4	Processed cheese	8000 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		5
01.8	Whey and whey products, excluding whey cheese	GMP		5
02.2.1	Emulsions containing at least 80% fat	GMP		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	10000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	7500 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	GMP		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	GMP		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		5
04.1.2.11	Fruit fillings for pastries	GMP		5
04.2.2.3	Vegetables in vinegar, oil, or brine	1000 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	10000 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		5
06.3	Breakfast cereals, including rolled oats	GMP		5
06.4	Pastas and noodles	8330 mg/kg	Note 37	5
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
07.0	Bakery wares	10000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	GMP		5
08.3	Processed comminuted meat, poultry, and game products	GMP		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP		5
09.2.4.1	Cooked fish	5000 mg/kg		3
09.3.1	Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly	GMP		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	20000 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	GMP		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		5
12.5	Soups and broths	5000 mg/kg		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	1000 mg/kg		5



Function: Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	GMP		5
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 05.1.2	GMP		5
12.9	Protein products	GMP		5
13.1	Infant formulae and follow-on formulae	1000 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	GMP		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		5
14.2.1	Beer and malt beverages	GMP		5
14.2.3	Wines	GMP		5
14.2.6.2	Spiritous beverages containing less than 15% alcohol	GMP		5

## PROPYLENE GLYCOL

Propylene Glycol

INS: 1520

Function: Anticaking Agent, Adjuvant, Antifoaming Agent, Carrier Solvent, Emulsifier, Flour Treatment Agent, Humectant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6.1	Unripened cheese	5000 mg/kg	Note 38	5
01.6.1	Unripened cheese	6000 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	25000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	25000 mg/kg		3
04.1.2.2	Dried fruit	50000 mg/kg		3
04.1.2.7	Candied fruit	50000 mg/kg		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	200000 mg/kg		3
04.1.2.11	Fruit fillings for pastries	200000 mg/kg		3
04.2.2	Processed vegetables, seaweeds, and nuts & seeds	50000 mg/kg		5
05.0	Confectionary	240000 mg/kg		5
06.4	Pastas and noodles	20000 mg/kg		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	500 mg/kg		3
07.1	Bread and ordinary bakery wares	10000 mg/kg		3
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	50000 mg/kg		3
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	10000 mg/kg		3
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	10000 mg/kg		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	20000 mg/kg		5
12.1	Salt	350 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	970000 mg/kg		5
12.4	Mustards	15000 mg/kg		5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	500 mg/kg		3
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	800 mg/kg		3
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	500 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	3000 mg/kg		5

PROPYLENE GLYCOL

DRAFT GSFA - TABLE ONE

Function: Anticaking Agent, Adjuvant, Antifoaming Agent, Carrier Solvent, Emulsifier, Flour Treatment Agent, Humectant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4.3	Concentrates (liquid or solid) for drinks	200000 mg/kg		3
14.2	Alcoholic beverages, including alcohol-free and low-alcoholic counterparts	50000 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	300 mg/kg		3
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	50000 mg/kg		5

**PROPYLENE GLYCOL ALGINATE**

Propylene Glycol Alginate

INS: 405

Function: Adjuvant, Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	3000 mg/kg		5
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	5000 mg/kg		5
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		5
01.3.2	Beverage whiteners	5000 mg/kg		5
01.4.3	Clotted cream	5000 mg/kg		5
01.4.4	Cream analogues	2500 mg/kg		5
01.6.1	Unripened cheese	9000 mg/kg		5
01.6.2.1	Total ripened cheese, includes rind	9000 mg/kg		5
01.6.2.2	Rind of ripened cheese	9000 mg/kg		5
01.6.2.3	Cheese powder (for reconstitution; e.g., for cheese sauces)	16000 mg/kg		5
01.6.3	Whey cheese	9000 mg/kg		5
01.6.4	Processed cheese	9000 mg/kg		5
01.6.5	Cheese analogues	9000 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	10000 mg/kg		5
02.1	Fats and oils essentially free from water	11000 mg/kg		5
02.2.1	Emulsions containing at least 80% fat	3000 mg/kg		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	10000 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	3000 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	10000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	7500 mg/kg		5
04.1.2.1	Frozen fruit	10000 mg/kg		3
04.1.2.5	Jams, jellies, marmelades	20000 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	5000 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	5000 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	7500 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	10000 mg/kg		5
04.1.2.11	Fruit fillings for pastries	5000 mg/kg		5
04.1.2.11	Fruit fillings for pastries	7500 mg/kg		3
04.2.2.3	Vegetables in vinegar, oil, or brine	6000 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	10000 mg/kg	Note 39	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	5000 mg/kg		5

PROPYLENE GLYCOL ALGINATE

DRAFT GSFA - TABLE ONE

Function: Adjuvant, Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	5000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	5000 mg/kg		5
05.3	Chewing gum	50000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	5000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	7500 mg/kg		3
06.4	Pastas and noodles	5000 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	10000 mg/kg		5
07.0	Bakery wares	5000 mg/kg		5
08.3	Processed comminuted meat, poultry, and game products	5000 mg/kg		5
08.4	Edible casings (e.g., sausage casings)	20000 mg/kg		5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	20000 mg/kg	Note 40	5
10.4	Egg-based desserts (e.g., custard)	10000 mg/kg		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	5000 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	6000 mg/kg		5
12.5	Soups and broths	GMP		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	10000 mg/kg		5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	8000 mg/kg		5
12.6.3	Mixes for sauces and gravies	8000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	1200 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	1200 mg/kg		5
13.6	Food supplements	1000 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	2500 mg/kg		3
14.1.4.1	Carbonated drinks	2500 mg/kg		5
14.1.4.2	Non-carbonated, including punches and ades	2500 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	500 mg/kg		5
14.2.1	Beer and malt beverages	3000 mg/kg		5
14.2.6	Spiritous beverages	10000 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	3000 mg/kg		5

**PROPYLENE GLYCOL ESTERS OF FATTY ACIDS**

Propylene Glycol Esters of Fatty Acids      INS: 477

Function: Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	5000 mg/kg		5
01.3.2	Beverage whiteners	5000 mg/kg		5
01.4.4	Cream analogues	30000 mg/kg		5
01.5.2	Milk powder and cream powder analogues	100000 mg/kg		5

Function: Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		5
02.0	Fats and oils, and fat emulsions (type water-in-oil)	150000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	5000 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	40000 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	5000 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	40000 mg/kg		3
04.1.2.11	Fruit fillings for pastries	5000 mg/kg		5
04.1.2.11	Fruit fillings for pastries	40000 mg/kg		3
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	5000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	5000 mg/kg		5
05.3	Chewing gum	20000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	5000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	40000 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	5000 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	40000 mg/kg		3
07.0	Bakery wares	15000 mg/kg	Note 11	5
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	40000 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	5000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	1000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	5000 mg/kg		3
13.4	Dietetic formulae for slimming purposes and weight reduction	1000 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	5000 mg/kg		3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	150 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		3

**PROTEASE (A. ORYZAE VAR.)**

Protease (Asperigillus oryzae var.)

INS: 1101i

Function: Enzyme, Flavour Enhancer, Flour Treatment Agent, Glazing Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.1	Whole, broken, or flaked grain, including rice	GMP		3
06.2	Flours and starches	GMP		8
08.1	Fresh meat, poultry and game	GMP		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	GMP		3

**QUILLAIA EXTRACT**

Quillaia Extract

INS: 999

Function: Foaming Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1500 mg/kg		5

**QUINOLINE YELLOW**

Quinoline Yellow

INS: 104

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	150 mg/kg		5
01.2.1.1	Fermented milks (plain), not heat-treated after fermentation	18 mg/kg		5
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	GMP		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	150 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	100 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	300 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
08.0	Meat and meat products, including poultry and game	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	100 mg/kg		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6	Spiritous beverages	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

**RED 2G**

Red 2G

INS: 128

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	30 mg/kg	Note 12	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	30 mg/kg	Note 12	5
08.1.2	Fresh meat, poultry and game, comminuted	25 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
14.2.6	Spiritous beverages	GMP		5

## RIBOFLAVINES

Riboflavin 5'-Phosphate, Sodium

INS: 101i

Riboflavin 5'-Phosphate

INS: 101ii

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	GMP		5
01.2.2	Renneted milk	GMP		5
01.3.2	Beverage whiteners	GMP		5
01.4	Cream (plain) and the like	GMP		5
01.5.2	Milk powder and cream powder analogues	GMP		5
01.6	Cheese	GMP		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	GMP		5
02.0	Fats and oils, and fat emulsions (type water-in-oil)	GMP		5
03.0	Edible ices, including sherbert and sorbet	GMP		5
03.0	Edible ices, including sherbert and sorbet	500 mg/kg		3
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.3	Fruit in vinegar, oil, or brine	GMP		5
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		5
04.1.2.5	Jams, jellies, marmelades	200 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	GMP		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	GMP		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	GMP		5
04.1.2.11	Fruit fillings for pastries	GMP		5
04.2.1.2	Surface-treated vegetables	GMP		5
04.2.2.2	Dried vegetables	10 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	GMP		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	GMP		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	GMP		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	GMP		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	GMP		5
06.3	Breakfast cereals, including rolled oats	GMP		5
06.4	Pastas and noodles	GMP		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		5

## RIBOFLAVINES

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
06.6	Batters (e.g., for breading or batters for fish or poultry)	GMP		5
07.0	Bakery wares	GMP		3
07.2	Fine bakery wares	GMP		5
08.0	Meat and meat products, including poultry and game	1000 mg/kg		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	5
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	GMP	Note 3	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	1000 mg/kg		5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.3.3	Frozen processed comminuted meat, poultry, and game products	GMP	Note 3	5
08.4	Edible casings (e.g., sausage casings)	GMP	Note 3	5
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.2	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	GMP		5
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		5
12.4	Mustards	GMP		5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	200 mg/kg		5
12.5.2	Mixes for soups and broths	30 mg/kg		3
12.6	Sauces and like products	GMP		5
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 05.1.2	GMP		5
12.9	Protein products	GMP		5
13.0	Foodstuffs intended for particular nutritional uses	GMP		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	GMP		5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	50 mg/kg		5
14.2.1	Beer and malt beverages	GMP		5
14.2.2	Cider and perry	GMP		5
14.2.3.1	Still wine	GMP		5
14.2.3.2	Sparkling and semi-sparkling wines	GMP		5



## RIBOFLAVINES

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.3.3	Fortified wine and liquor wine	GMP		5
14.2.3.4	Aromatized wine	100 mg/kg		5
14.2.4	Fruit wine	GMP		5
14.2.6	Spiritous beverages	GMP		5
15.0	Ready-to-eat savouries	GMP		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	GMP		5

## SACCHARIN

Saccharin

INS: 954

Saccharin (and Sodium, Potassium, Calcium Salts)

INS: 954

Function: Flavour Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	400 mg/kg		5
01.2.1	Fermented milks (plain)	200 mg/kg		3
01.2.2	Renneted milk	GMP		3
01.6.1	Unripened cheese	15 mg/kg		5
01.6.1	Unripened cheese	100 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	200 mg/kg		3
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	100 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	100 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	300 mg/kg		3
04.1.2.3	Fruit in vinegar, oil, or brine	160 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	200 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	200 mg/kg		5
04.1.2.7	Candied fruit	500 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	200 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	100 mg/kg		5
04.2.2	Processed vegetables, seaweeds, and nuts & seeds	500 mg/kg		3
04.2.2.3	Vegetables in vinegar, oil, or brine	2000 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	500 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	3000 mg/kg		5
05.3	Chewing gum	3000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	100 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	100 mg/kg		5

## SACCHARIN

## DRAFT GSFA - TABLE ONE

Function: Flavour Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	15 mg/kg		5
07.2	Fine bakery wares	2000 mg/kg		5
08.2.1.1	Cured (including salted) non-heat treated processed meat, poultry, and game products in whole pieces or cuts	2000 mg/kg		5
08.2.2	Heat-treated processed meat, poultry, and game products in whole pieces or cuts	500 mg/kg		3
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	500 mg/kg		3
09.2.4.1	Cooked fish	500 mg/kg		3
09.3.1	Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly	160 mg/kg		5
09.3.2	Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine	2000 mg/kg		5
09.3.3	Salmon substitutes, caviar, and other fish roe products	160 mg/kg		5
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	160 mg/kg		5
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	1200 mg/kg		3
10.4	Egg-based desserts (e.g., custard)	100 mg/kg		5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	300 mg/kg		3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	4545 mg/kg		5
12.3	Vinegars	300 mg/kg		3
12.4	Mustards	320 mg/kg		5
12.5	Soups and broths	110 mg/kg		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	200 mg/kg		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	500 mg/kg		3
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	160 mg/kg		5
12.6.3	Mixes for sauces and gravies	300 mg/kg		5
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 05.1.2	200 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	300 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	300 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	500 mg/kg		5
13.6	Food supplements	1200 mg/kg		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		3
14.1.2.4	Concentrates (liquid or solid) for vegetable juice	300 mg/kg		3
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	300 mg/kg		3
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	300 mg/kg		3
14.1.4.1	Carbonated drinks	500 mg/kg		5
14.1.4.2	Non-carbonated, including punches and ades	500 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	2000 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	200 mg/kg		3
14.2.1	Beer and malt beverages	80 mg/kg		5
14.2.2	Cider and perry	80 mg/kg		5
14.2.3	Wines	80 mg/kg		5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	80 mg/kg		5

## SACCHARIN

## DRAFT GSFA - TABLE ONE

Function: Flavour Enhancer, Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
15.0	Ready-to-eat savouries	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	200 mg/kg		3

**SALTS OF MYRISTIC, PALMITIC & STEARIC ACIDS (NH<sub>4</sub>, Ca, K, Na)**SALTS OF MYRISTIC, PALMITIC & STEARIC ACIDS (NH<sub>4</sub>, Ca, K, Na) INS: 470

Function: Anticaking Agent, Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP	Note 71	3
04.2.1.2	Surface-treated vegetables	GMP	Note 71	3
04.2.2.1	Frozen vegetables	GMP		3
06.4	Pastas and noodles	GMP	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Notes 3 & 71	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP	Note 71	3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP	Note 71	3
12.1	Salt	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
12.8	Yeast	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP	Note 71	3

**SALTS OF OLEIC ACID (Ca, K, Na)**

SALTS OF OLEIC ACID (Ca, K, Na) INS: 470

Function: Anticaking Agent, Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3

## SALTS OF OLEIC ACID (Ca, K, Na)

## DRAFT GSFA - TABLE ONE

Function: Anticaking Agent, Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.2	Renneted milk	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Notes 3 & 71	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 71	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Notes 3 & 71	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Notes 3 & 71	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**SHELLAC**

Shellac

INS: 904

Function: Bulking Agent, Glazing Agent, Release Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.1.2	Surface-treated fruit	GMP		5
04.2.1.2	Surface-treated vegetables	GMP		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	4000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	4000 mg/kg		5
05.3	Chewing gum	20000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	4000 mg/kg		5
07.2	Fine bakery wares	GMP	Note 3	5
13.6	Food supplements	GMP	Note 3	5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP	Note 5	5
15.0	Ready-to-eat savouries	GMP	Note 3	5

**SILICON DIOXIDE (AMORPHOUS)**

Silicon Dioxide (Amorphous)

INS: 551

Function: Anticaking Agent, Filler

Food Cat. No.	Food Category	Max Level	Comments	Step
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	15000 mg/kg	Note 56	3
12.1	Salt	20000 mg/kg		3

## SILICON DIOXIDE (AMORPHOUS)

## DRAFT GSFA - TABLE ONE

Function: Anticaking Agent, Filler

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	10000 mg/kg	Note 51	3
13.1	Infant formulae and follow-on formulae	10000 mg/kg	Note 65	3
13.2	Weaning foods for infants and young children	10000 mg/kg	Note 65	3
14.2.3	Wines	17 mg/kg		3

## SODIUM ACETATE

Sodium Acetate

INS: 262i

Function: Acidity Regulator, Preservative, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	5000 mg/kg		3
04.2.1	Fresh vegetables	GMP		3
06.4	Pastas and noodles	6000 mg/kg	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

## SODIUM ALGINATE

Sodium Alginate

INS: 401

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	6000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.4.1	Pasteurized cream	100 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	15000 mg/kg		3
08.1.2	Fresh meat, poultry and game, comminuted	8000 mg/kg		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	10000 mg/kg		3
13.1	Infant formulae and follow-on formulae	300 mg/kg		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	20000 mg/kg		3

## SODIUM ALUMINIUM PHOSPHATES

Sodium Aluminium Phosphate-Acidic

INS: 541i

Sodium Aluminium Phosphate-Basic

INS: 541ii

Function: Acidity Regulator, Emulsifier, Raising Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.6.4	Processed cheese	35000 mg/kg	Note 29	5

SODIUM ALUMINIUM PHOSPHATES

DRAFT GSFA - TABLE ONE

Function: Acidity Regulator, Emulsifier, Raising Agent, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	2000 mg/kg	Note 6	3
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	2000 mg/kg	Note 6	3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	2000 mg/kg	Note 6	3
05.1.1	Cocoa mixes (powders and syrups)	2000 mg/kg	Notes 6 & 72	3
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	GMP	Note 6	5
06.2	Flours and starches	45000 mg/kg	Note 29	5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	2000 mg/kg	Note 6	3
06.6	Batters (e.g., for breading or batters for fish or poultry)	1600 mg/kg	Note 6	3
07.0	Bakery wares	2000 mg/kg	Note 6	3
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	1000 mg/kg	Note 6	5
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	1000 mg/kg	Note 6	5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	15300 mg/kg	Note 29	5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	190 mg/kg	Notes 6 & 41	5
10.4	Egg-based desserts (e.g., custard)	2000 mg/kg	Note 6	3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	2000 mg/kg	Note 6	3
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	190 mg/kg	Note 6	5

SODIUM ALUMINOSILICATE

Sodium Aluminosilicate

INS: 554

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.1	Whole, broken, or flaked grain, including rice	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	15000 mg/kg	Note 56	3
12.1	Salt	20000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	10000 mg/kg	Note 51	3

SODIUM ASCORBATE

Sodium Ascorbate

INS: 301

Function: Antioxidant, Colour Retention Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	200 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1	Fresh fruit	GMP		3
04.2.1.3	Peeled or cut vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
06.2	Flours and starches	300 mg/kg		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	500 mg/kg		3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3

SODIUM ASCORBATE

DRAFT GSFA - TABLE ONE

Function: Antioxidant, Colour Retention Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg	Note 70	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		3
12.8	Yeast	200 mg/kg		3
13.1	Infant formulae and follow-on formulae	50 mg/kg		3
13.2	Weaning foods for infants and young children	3000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	200 mg/kg		3
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	200 mg/kg		3
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	300 mg/kg		3
14.2.3	Wines	200 mg/kg		3

SODIUM CARBONATE

Sodium Carbonate

INS: 500i

Function: Anticaking Agent, Acidity Regulator, Raising Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		3
02.2.1.1	Butter and concentrated butter	2000 mg/kg	Note 52	3
06.4	Pastas and noodles	2600 mg/kg	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3

SODIUM CARBOXYMETHYL CELLULOSE

Sodium Carboxymethyl Cellulose

INS: 466

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	2000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	5000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	2000 mg/kg	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	15000 mg/kg		3

SODIUM CARBOXYMETHYL CELLULOSE

DRAFT GSFA - TABLE ONE

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg	Note 61	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	5000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	5000 mg/kg		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	5000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	5000 mg/kg		3

SODIUM DIACETATE

Sodium Diacetate

INS: 262ii

Function: Acidity Regulator, Preservative, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	1000 mg/kg		5
04.1.2.3	Fruit in vinegar, oil, or brine	GMP		5
04.1.2.4	Canned or bottled (pasteurized) fruit	GMP		5
04.2.2.3	Vegetables in vinegar, oil, or brine	GMP		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	GMP		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	1000 mg/kg		5
06.4	Pastas and noodles	3000 mg/kg		3
07.0	Bakery wares	4000 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	1000 mg/kg		5
08.3	Processed comminuted meat, poultry, and game products	1000 mg/kg		5
09.2.4.1	Cooked fish	3000 mg/kg		3
10.2	Egg products	1000 mg/kg		3
10.3	Preserved eggs, including alkaline, salted and canned eggs	1000 mg/kg		3
10.4	Egg-based desserts (e.g., custard)	2000 mg/kg		3
12.5	Soups and broths	500 mg/kg		5
12.6	Sauces and like products	2500 mg/kg		5
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 05.1.2	3000 mg/kg		3
13.2	Weaning foods for infants and young children	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	150 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	500 mg/kg		5



SODIUM DIACETATE

DRAFT GSFA - TABLE ONE

Function: Acidity Regulator, Preservative, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	3000 mg/kg		3

**SODIUM DIHYDROGEN CITRATE**

Sodium Dihydrogen Citrate

INS: 331i

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
02.1	Fats and oils essentially free from water	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1	Fresh vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.2	Weaning foods for infants and young children	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**SODIUM ERYTHORBATE**

Sodium Isoascorbate

INS: 316

Function: Antioxidant, Colour Retention Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	100 mg/kg		3
02.2.1.1	Butter and concentrated butter	100 mg/kg	Note 52	3
04.1.1.3	Peeled or cut fruit	GMP		3

SODIUM ERYTHORBATE

DRAFT GSFA - TABLE ONE

Function: Antioxidant, Colour Retention Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.1.3	Peeled or cut vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1500 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	GMP		3

**SODIUM GLUCONATE**

Sodium Gluconate

INS: 576

Function: Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3

**SODIUM HYDROGEN CARBONATE**

Sodium Hydrogen Carbonate

INS: 500ii

Function: Acidity Regulator, Anticaking Agent, Raising Agent, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	2000 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	1000 mg/kg		3
02.2.1.1	Butter and concentrated butter	2000 mg/kg	Note 52	3
06.2	Flours and starches	45000 mg/kg		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3

**SODIUM HYDROXIDE**

Sodium Hydroxide

INS: 524

Function: Acidity Regulator

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		3
02.2.1.1	Butter and concentrated butter	2000 mg/kg	Note 52	3
06.2	Flours and starches	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**SODIUM LACTATE**

Sodium Lactate

INS: 325

Function: Acidity Regulator, Antioxidant, Bulking Agent, Emulsifier, Humectant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
04.2.1	Fresh vegetables	GMP		3
08.1	Fresh meat, poultry and game	20000 mg/kg		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**SODIUM SESQUICARBONATE**

Sodium Sesquicarbonate

INS: 500iii

Function: Acidity Regulator, Anticaking Agent, Raising Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3

**SORBATES**

Sorbic Acid

INS: 200

Sodium Sorbate

INS: 201

Potassium Sorbate

INS: 202

Calcium Sorbate

INS: 203

Function: Antioxidant, Preservative, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	1000 mg/kg	Note 42	5
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	300 mg/kg	Note 42	5
01.2.1	Fermented milks (plain)	300 mg/kg	Note 42	5
01.2.2	Renneted milk	1000 mg/kg	Note 42	5
01.3.2	Beverage whiteners	200 mg/kg	Note 42	3
01.6	Cheese	3000 mg/kg	Note 42	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	1000 mg/kg	Note 42	5
02.1.1	Butter oil, anhydrous milkfat, ghee	1000 mg/kg	Note 42	3
02.2.1	Emulsions containing at least 80% fat	1000 mg/kg	Note 42	5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	2000 mg/kg	Note 42	5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	1000 mg/kg	Note 42	5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	1000 mg/kg	Note 42	3

## SORBATES

## DRAFT GSFA - TABLE ONE

Function: Antioxidant, Preservative, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
03.0	Edible ices, including sherbert and sorbet	500 mg/kg	Note 42	5
03.0	Edible ices, including sherbert and sorbet	1000 mg/kg	Note 42	3
04.1.1	Fresh fruit	1000 mg/kg	Note 42	5
04.1.2.1	Frozen fruit	1000 mg/kg	Note 42	5
04.1.2.2	Dried fruit	1000 mg/kg	Note 42	5
04.1.2.2	Dried fruit	2000 mg/kg	Note 42	3
04.1.2.3	Fruit in vinegar, oil, or brine	2000 mg/kg	Note 42	5
04.1.2.4	Canned or bottled (pasteurized) fruit	1000 mg/kg	Note 42	5
04.1.2.5	Jams, jellies, marmelades	1000 mg/kg	Note 42	5
04.1.2.5	Jams, jellies, marmelades	1500 mg/kg	Note 42	3
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	1000 mg/kg	Note 42	5
04.1.2.7	Candied fruit	1000 mg/kg	Note 42	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	1000 mg/kg	Note 42	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	1500 mg/kg	Note 42	3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	1000 mg/kg	Note 42	5
04.1.2.10	Fermented fruit products	1000 mg/kg	Note 42	5
04.1.2.11	Fruit fillings for pastries	500 mg/kg	Note 42	5
04.1.2.11	Fruit fillings for pastries	1000 mg/kg	Note 42	3
04.1.2.12	Cooked or dried fruit	1000 mg/kg	Note 42	5
04.1.2.12	Cooked or dried fruit	1200 mg/kg	Note 42	3
04.2.2.3	Vegetables in vinegar, oil, or brine	2000 mg/kg	Note 42	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	1000 mg/kg	Note 42	5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	2000 mg/kg	Note 42	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	2000 mg/kg	Note 42	5
04.2.2.7	Fermented vegetable products	1000 mg/kg	Note 42	5
04.2.2.8	Cooked or fried vegetables	2000 mg/kg	Note 42	5
05.1.1	Cocoa mixes (powders and syrups)	1500 mg/kg	Note 42	5
05.1.2	Cocoa-based spreads, including fillings	1500 mg/kg	Note 42	5
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	1000 mg/kg	Note 42	3
05.1.4	Imitation chocolate, chocolate substitute products	1500 mg/kg	Note 42	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	2000 mg/kg	Note 42	5
05.3	Chewing gum	1500 mg/kg	Note 42	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	1500 mg/kg	Note 42	5
06.2	Flours and starches	1000 mg/kg	Note 42	5
06.4	Pastas and noodles	1000 mg/kg	Note 42	5
06.4	Pastas and noodles	2000 mg/kg	Note 42	3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	1000 mg/kg	Note 42	3
06.6	Batters (e.g., for breading or batters for fish or poultry)	2000 mg/kg	Note 42	5
07.0	Bakery wares	2000 mg/kg	Note 42	5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	2000 mg/kg	Note 42	5
08.3	Processed comminuted meat, poultry, and game products	2000 mg/kg	Note 42	5
08.4	Edible casings (e.g., sausage casings)	GMP	Note 42	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg	Note 42	5

SORBATES

DRAFT GSFA - TABLE ONE

Function: Antioxidant, Preservative, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	2000 mg/kg	Note 42	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg	Note 42	5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	2000 mg/kg	Note 42	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	2000 mg/kg	Note 42	3
09.2.4.1	Cooked fish	2000 mg/kg	Note 42	5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	6000 mg/kg	Note 42	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	2000 mg/kg	Note 42	5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	2000 mg/kg	Note 42	5
10.2.1	Liquid egg products	5000 mg/kg	Note 42	5
10.2.2	Frozen egg products	1000 mg/kg	Note 42	5
10.2.3	Dried and/or heat coagulated egg products	1000 mg/kg	Note 42	5
10.4	Egg-based desserts (e.g., custard)	1000 mg/kg	Note 42	3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	1000 mg/kg	Note 42	5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	1000 mg/kg	Note 42	5
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	1000 mg/kg	Note 42	3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	1000 mg/kg	Note 42	5
12.3	Vinegars	1000 mg/kg	Note 42	5
12.4	Mustards	1500 mg/kg	Note 42	5
12.5	Soups and broths	1000 mg/kg	Note 42	5
12.6	Sauces and like products	2000 mg/kg	Note 42	3
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	2000 mg/kg	Note 42	5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	1000 mg/kg	Note 42	5
12.6.3	Mixes for sauces and gravies	1000 mg/kg	Note 42	5
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 05.1.2	1500 mg/kg	Note 42	5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	1500 mg/kg	Note 42	5
13.4	Dietetic formulae for slimming purposes and weight reduction	1500 mg/kg	Note 42	5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	2000 mg/kg	Note 42	5
13.6	Food supplements	2000 mg/kg	Note 42	5
14.1.1.2	Table waters and soda waters	200 mg/kg	Note 42	5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	2100 mg/kg	Note 42	5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	1000 mg/kg	Note 42	5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	1000 mg/kg	Note 42	5
14.1.2.4	Concentrates (liquid or solid) for vegetable juice	1000 mg/kg	Note 42	5
14.1.3	Fruit and vegetable nectars	1000 mg/kg	Note 42	3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	2000 mg/kg	Note 42	5
14.1.3.2	Canned or bottled (pasteurized) vegetable nectar	500 mg/kg	Note 42	5
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	1000 mg/kg	Note 42	5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	500 mg/kg	Note 42	5

SORBATES

DRAFT GSFA - TABLE ONE

Function: Antioxidant, Preservative, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Note 42	5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	600 mg/kg	Notes 2 & 42	5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	1000 mg/kg	Note 42	3
14.2.1	Beer and malt beverages	500 mg/kg	Note 42	5
14.2.2	Cider and perry	500 mg/kg	Note 42	5
14.2.2	Cider and perry	1000 mg/kg	Note 42	3
14.2.3	Wines	2000 mg/kg	Note 42	5
14.2.4	Fruit wine	500 mg/kg	Note 42	5
14.2.4	Fruit wine	1000 mg/kg	Note 42	3
14.2.5	Mead	500 mg/kg	Note 42	5
14.2.5	Mead	1000 mg/kg	Note 42	3
14.2.6	Spiritous beverages	600 mg/kg	Note 42	5
15.0	Ready-to-eat savouries	1000 mg/kg	Note 42	5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	1000 mg/kg	Note 42	5

**SORBITAN ESTERS OF FATTY ACIDS**

Sorbitan Monostearate	INS: 491	Sorbitan Tristearate	INS: 492
Sorbitan Monolaurate	INS: 493	Sorbitan Monooleate	INS: 494
Sorbitan Monopalmitate	INS: 495		

Function: Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	5000 mg/kg		5
01.3.2	Beverage whiteners	5000 mg/kg		5
01.4.4	Cream analogues	5000 mg/kg		5
01.5.2	Milk powder and cream powder analogues	4000 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		5
02.0	Fats and oils, and fat emulsions (type water-in-oil)	30000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	1200 mg/kg		5
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.5	Jams, jellies, marmelades	25 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	5000 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	5000 mg/kg		5
04.1.2.11	Fruit fillings for pastries	10000 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	5000 mg/kg		5
05.0	Confectionary	20000 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	5000 mg/kg		5
07.1.1	Breads and rolls	10000 mg/kg		5
07.1.2	Crackers, excluding sweet crackers	5000 mg/kg	Note 11	5
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	10000 mg/kg	Note 11	5
07.1.4	Bread-type products, including bread stuffing and bread crumbs	5000 mg/kg	Note 11	5

## SORBITAN ESTERS OF FATTY ACIDS

## DRAFT GSFA - TABLE ONE

Function: Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
07.2	Fine bakery wares	10000 mg/kg		5
08.4	Edible casings (e.g., sausage casings)	3500 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg		5
12.5.1	Ready-to-eat soups and broths, including canned, bottled, and frozen	250 mg/kg		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	5000 mg/kg		5
12.6.3	Mixes for sauces and gravies	5000 mg/kg		5
12.8	Yeast	15000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	5000 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	5000 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	GMP		5
13.6	Food supplements	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	800 mg/kg		5
14.2.3	Wines	GMP		3
14.2.3.1	Still wine	GMP		5

**SORBITOL (INCLUDING SORBITOL SYRUP)**

Sorbitol and Sorbitol Syrup

INS: 420

Function: Bulking Agent, Emulsifier, Humectant, Sequestrant, Stabilizer, Sweetener, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.4	Pastas and noodles	GMP	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4.1	Cooked fish	GMP		3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	35000 mg/kg		3
10.2.2	Frozen egg products	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3

## SORBITOL (INCLUDING SORBITOL SYRUP)

## DRAFT GSFA - TABLE ONE

Function: Bulking Agent, Emulsifier, Humectant, Sequestrant, Stabilizer, Sweetener, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

**STANNOUS CHLORIDE**

Stannous Chloride

INS: 512

Function: Antioxidant, Colour Retention Agent, Preservative, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.4	Canned or bottled (pasteurized) fruit	80 mg/kg	Note 29	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	25 mg/kg	Note 43	5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	8 mg/kg	Note 43	5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	GMP	Note 43	3
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	80 mg/kg	Note 29	5

**STARCH ACETATE**

Starch Acetate Esterified with Acetic Anhydride

INS: 1420

Starch Acetate Esterified with Vinyl Acetate

INS: 1421

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	10000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
13.2	Weaning foods for infants and young children	50000 mg/kg		3

**STARCH SODIUM OCTENYL SUCCINATE**

Starch Sodium Octenyl Succinate

INS: 1450

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
13.2	Weaning foods for infants and young children	50000 mg/kg		3

**STEAROYL-2-LACTYLATES**

Sodium Stearoyl Lactylate

INS: 481i

Calcium Stearoyl Lactylate

INS: 482i

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
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STEAROYL-2-LACTYLATES

DRAFT GSFA - TABLE ONE

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	5000 mg/kg		5
01.3.2	Beverage whiteners	5000 mg/kg		5
01.4.4	Cream analogues	10000 mg/kg	Note 2	5
01.5.1	Milk powder and cream powder	2000 mg/kg		5
01.6.5	Cheese analogues	2000 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	10000 mg/kg		5
02.1	Fats and oils essentially free from water	3000 mg/kg		5
02.2	Fat emulsions mainly of type water-in-oil	10000 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	20000 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	5000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	5000 mg/kg	Note 15	3
04.1.2.7	Candied fruit	2000 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	187 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	10000 mg/kg		5
04.1.2.11	Fruit fillings for pastries	10000 mg/kg		5
04.2.2.2	Dried vegetables	2000 mg/kg		5
04.2.2.2	Dried vegetables	5000 mg/kg		3
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	5000 mg/kg	Note 2	5
05.1.1	Cocoa mixes (powders and syrups)	2000 mg/kg		5
05.1.2	Cocoa-based spreads, including fillings	5000 mg/kg	Note 2	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	5000 mg/kg		5
05.3	Chewing gum	20000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	10000 mg/kg		5
06.1	Whole, broken, or flaked grain, including rice	4000 mg/kg		5
06.2	Flours and starches	5000 mg/kg		5
06.3	Breakfast cereals, including rolled oats	5000 mg/kg		5
06.4	Pastas and noodles	4500 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	6000 mg/kg		5
06.6	Batters (e.g., for breading or batters for fish or poultry)	7500 mg/kg	Note 2	5
07.0	Bakery wares	10000 mg/kg		5
08.2.2	Heat-treated processed meat, poultry, and game products in whole pieces or cuts	4000 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	4000 mg/kg		5
10.2	Egg products	500 mg/kg		3
10.2.1	Liquid egg products	500 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	10000 mg/kg		5
12.6	Sauces and like products	2500 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	2000 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	2000 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	2000 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	2000 mg/kg	Note 2	5
14.2.6	Spiritous beverages	8000 mg/kg		5

STEAROYL-2-LACTYLATES

DRAFT GSFA - TABLE ONE

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	5000 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	2500 mg/kg		5

**STEARYL CITRATE**

Stearyl Citrate

INS: 484

Function: Antifoaming Agent, Emulsifier, Sequestrant

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	GMP		8
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	100 mg/kg	Note 15	8
05.3	Chewing gum	15000 mg/kg		8
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		8

**STEARYL TARTRATE**

Stearyl Tartrate

INS: 483

Function: Emulsifier, Flour Treatment Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	5000 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	5000 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	5000 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	5000 mg/kg		5
07.0	Bakery wares	4000 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg		5

**SUCRALOSE**

Sucralose

INS: 955

Function: Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	300 mg/kg		5
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	250 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	400 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	250 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	400 mg/kg		5
04.1.2.1	Frozen fruit	150 mg/kg		5

## SUCRALOSE

## DRAFT GSFA - TABLE ONE

Function: Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.2	Dried fruit	150 mg/kg		5
04.1.2.3	Fruit in vinegar, oil, or brine	450 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	450 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	450 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	800 mg/kg		5
04.1.2.7	Candied fruit	800 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	450 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	1250 mg/kg		5
04.1.2.10	Fermented fruit products	150 mg/kg		5
04.1.2.11	Fruit fillings for pastries	250 mg/kg		5
04.1.2.12	Cooked or dried fruit	150 mg/kg		5
04.2.2.1	Frozen vegetables	150 mg/kg		5
04.2.2.2	Dried vegetables	150 mg/kg		5
04.2.2.3	Vegetables in vinegar, oil, or brine	450 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	150 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	1500 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	500 mg/kg		5
04.2.2.7	Fermented vegetable products	150 mg/kg		5
04.2.2.8	Cooked or fried vegetables	150 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	1500 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	1500 mg/kg		5
05.3	Chewing gum	5000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	1000 mg/kg		5
06.3	Breakfast cereals, including rolled oats	1000 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	1250 mg/kg		5
07.1	Bread and ordinary bakery wares	750 mg/kg		5
07.2.1	Cakes, cookies and pies (e.g., fruit-filled or custard types)	750 mg/kg		5
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	800 mg/kg		5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	700 mg/kg		5
09.3.1	Fish and fish products, including mollusks, crustaceans, and echinoderms, marinated and/or in jelly	450 mg/kg		5
09.3.2	Fish and fish products, including mollusks, crustaceans, and echinoderms, pickled and/or in brine	450 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	250 mg/kg		5
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	1500 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	1500 mg/kg		5
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	GMP		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	400 mg/kg		5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	700 mg/kg		3
12.4	Mustards	400 mg/kg		5
12.5	Soups and broths	1250 mg/kg		5

## SUCRALOSE

## DRAFT GSFA - TABLE ONE

Function: Sweetener

Food Cat. No.	Food Category	Max Level	Comments	Step
12.6	Sauces and like products	1250 mg/kg		5
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 05.1.2	1250 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	400 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	1250 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	800 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	250 mg/kg		5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	250 mg/kg		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	1250 mg/kg		5
14.1.2.4	Concentrates (liquid or solid) for vegetable juice	1250 mg/kg		5
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	250 mg/kg		5
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	1250 mg/kg		5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	1250 mg/kg		5
14.1.4.1	Carbonated drinks	600 mg/kg		5
14.1.4.2	Non-carbonated, including punches and ades	600 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	1250 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	250 mg/kg		5
14.2.1	Beer and malt beverages	700 mg/kg		5
14.2.2	Cider and perry	250 mg/kg		5
14.2.3	Wines	700 mg/kg		5
14.2.4	Fruit wine	700 mg/kg		5
14.2.5	Mead	700 mg/kg		5
14.2.6	Spiritous beverages	700 mg/kg		5
15.0	Ready-to-eat savouries	1000 mg/kg		5

## SUCROGLYCERIDES

Sucroglycerides

INS: 474

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	5000 mg/kg		5
01.3.2	Beverage whiteners	20000 mg/kg		5
01.5.1	Milk powder and cream powder	10000 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		5
02.2	Fat emulsions mainly of type water-in-oil	10000 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	10000 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	10000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	5000 mg/kg		5
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	5000 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	5000 mg/kg		5
05.1.1	Cocoa mixes (powders and syrups)	10000 mg/kg		5

SUCROGLYCERIDES

DRAFT GSFA - TABLE ONE

Function: Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	5000 mg/kg		5
05.3	Chewing gum	15000 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	5000 mg/kg		5
07.2	Fine bakery wares	10000 mg/kg		5
08.2.2	Heat-treated processed meat, poultry, and game products in whole pieces or cuts	5000 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	5000 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg		5
12.5	Soups and broths	2000 mg/kg		5
12.6	Sauces and like products	10000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	5000 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	5000 mg/kg		5
13.6	Food supplements	GMP		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	5000 mg/kg		3
14.1.4.1	Carbonated drinks	5000 mg/kg		5
14.1.4.2	Non-carbonated, including punches and ades	5000 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	1000 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	1000 mg/kg		5
14.2	Alcoholic beverages, including alcohol-free and low-alcoholic counterparts	5000 mg/kg		5
14.2.2	Cider and perry	5000 mg/kg		3
14.2.4	Fruit wine	5000 mg/kg		3
14.2.5	Mead	5000 mg/kg		3
14.2.6	Spiritous beverages	5000 mg/kg		3

**SUCROSE ACETATE ISOBUTYRATE**

Sucrose Acetate Isobutyrate

INS: 444

Function: Acidity Regulator, Adjuvant, Emulsifier, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	500 mg/kg		8

**SUCROSE ESTERS OF FATTY ACIDS**

Sucrose Esters of Fatty Acids

INS: 473

Function: Adjuvant, Emulsifiers, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	5000 mg/kg		5
01.3.2	Beverage whiteners	20000 mg/kg		5
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		5
01.4.4	Cream analogues	GMP		5

## SUCROSE ESTERS OF FATTY ACIDS

## DRAFT GSFA - TABLE ONE

Function: Adjuvant, Emulsifiers, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.5.1	Milk powder and cream powder	10000 mg/kg		5
01.5.2	Milk powder and cream powder analogues	10000 mg/kg		3
01.6.4	Processed cheese	10000 mg/kg		3
01.6.5	Cheese analogues	10000 mg/kg		3
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	5000 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	10000 mg/kg		3
02.1.2	Vegetable oils and fats	5000 mg/kg		3
02.2	Fat emulsions mainly of type water-in-oil	10000 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	10000 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	10000 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	5000 mg/kg		5
04.1.1.2	Surface-treated fruit	GMP		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	1500 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	5000 mg/kg		5
04.2.1.3	Peeled or cut vegetables	3000 mg/kg		3
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	5000 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	10000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	5000 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	10000 mg/kg		3
05.3	Chewing gum	15000 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	10000 mg/kg		5
06.0	Cereals and cereal products, including flours & starches from roots & tubers, pulses & legumes excluding bakery wares of food category 07.0	10000 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	5000 mg/kg		5
07.1	Bread and ordinary bakery wares	GMP		5
07.2	Fine bakery wares	10000 mg/kg		5
08.2.2	Heat-treated processed meat, poultry, and game products in whole pieces or cuts	5000 mg/kg		5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	5000 mg/kg		5
08.4	Edible casings (e.g., sausage casings)	5000 mg/kg		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	10000 mg/kg		3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	10000 mg/kg		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	10000 mg/kg		3
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		5
10.4	Egg-based desserts (e.g., custard)	5000 mg/kg		5

## SUCROSE ESTERS OF FATTY ACIDS

## DRAFT GSFA - TABLE ONE

Function: Adjuvant, Emulsifiers, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	5000 mg/kg		3
12.5	Soups and broths	2000 mg/kg		5
12.5	Soups and broths	5000 mg/kg		3
12.6	Sauces and like products	10000 mg/kg		5
13.1	Infant formulae and follow-on formulae	5000 mg/kg		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	5000 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	5000 mg/kg		5
13.6	Food supplements	GMP		5
14.1.4.1	Carbonated drinks	1000 mg/kg		5
14.1.4.2	Non-carbonated, including punches and ades	5000 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	10000 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	1000 mg/kg		5
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	5000 mg/kg		3
14.2.2	Cider and perry	5000 mg/kg		5
14.2.4	Fruit wine	5000 mg/kg		5
14.2.5	Mead	5000 mg/kg		5
14.2.6	Spiritous beverages	5000 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	10000 mg/kg		3
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	10000 mg/kg		3

## SULPHITES

Sulphur Dioxide	INS: 220	Sodium Sulphite	INS: 221
Sodium Hydrogen Sulphite	INS: 222	Sodium Metabisulphite	INS: 223
Potassium Metabisulphite	INS: 224	Potassium Sulphite	INS: 225
Calcium Hydrogen Sulphite	INS: 227	Potassium Bisulphite	INS: 228
Sodium Thiosulphate	INS: 539		

Function: Acidity Regulator, Adjuvant, Antioxidant, Bleaching Agent (Not for Flour), Flour Treatment Agent, Firming Agent, Preservative, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	50 mg/kg	Note 44	5
01.6.4	Processed cheese	300 mg/kg	Note 44	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	100 mg/kg	Note 44	5
03.0	Edible ices, including sherbert and sorbet	5 mg/kg	Note 44	5
03.0	Edible ices, including sherbert and sorbet	100 mg/kg	Note 44	3
04.1.1.2	Surface-treated fruit	100 mg/kg	Note 44	5
04.1.1.3	Peeled or cut fruit	30 mg/kg	Note 44	5
04.1.2.1	Frozen fruit	500 mg/kg	Note 44	5
04.1.2.2	Dried fruit	3000 mg/kg	Note 44	3
04.1.2.2	Dried fruit	5000 mg/kg	Note 44	5
04.1.2.3	Fruit in vinegar, oil, or brine	350 mg/kg	Note 44	5
04.1.2.4	Canned or bottled (pasteurized) fruit	350 mg/kg	Note 44	5

## SULPHITES

## DRAFT GSFA - TABLE ONE

Function: Acidity Regulator, Adjuvant, Antioxidant, Bleaching Agent (Not for Flour), Flour Treatment Agent, Firming Agent, Preservative, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.5	Jams, jellies, marmelades	3000 mg/kg	Note 44	5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg	Note 44	5
04.1.2.7	Candied fruit	350 mg/kg	Note 44	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	3000 mg/kg	Note 44	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	750 mg/kg	Note 44	5
04.1.2.10	Fermented fruit products	350 mg/kg	Note 44	5
04.1.2.11	Fruit fillings for pastries	350 mg/kg	Note 44	5
04.1.2.12	Cooked or dried fruit	GMP	Note 44	5
04.2.1.3	Peeled or cut vegetables	50 mg/kg	Note 44	5
04.2.1.3	Peeled or cut vegetables	500 mg/kg	Note 44	3
04.2.2.1	Frozen vegetables	750 mg/kg	Note 44	5
04.2.2.2	Dried vegetables	5000 mg/kg	Note 44	5
04.2.2.3	Vegetables in vinegar, oil, or brine	750 mg/kg	Note 44	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	750 mg/kg	Note 44	5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	2000 mg/kg	Note 44	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	800 mg/kg	Note 44	5
04.2.2.7	Fermented vegetable products	750 mg/kg	Note 44	5
04.2.2.7	Fermented vegetable products	1000 mg/kg	Note 44	3
04.2.2.8	Cooked or fried vegetables	750 mg/kg	Note 44	5
05.1.1	Cocoa mixes (powders and syrups)	2000 mg/kg	Note 44	5
05.1.2	Cocoa-based spreads, including fillings	2000 mg/kg	Note 44	5
05.1.3	Cocoa and chocolate products (e.g., milk chocolate bar, chocolate flakes, white chocolate) other than food categories 05.1.1, 05.1.2, and 05.1.4	150 mg/kg	Note 44	5
05.1.4	Imitation chocolate, chocolate substitute products	2000 mg/kg	Note 44	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	2000 mg/kg	Note 44	5
05.3	Chewing gum	2000 mg/kg	Note 44	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	150 mg/kg	Note 44	3
06.1	Whole, broken, or flaked grain, including rice	400 mg/kg	Note 44	5
06.2	Flours and starches	900 mg/kg	Note 44	5
06.4	Pastas and noodles	45 mg/kg	Note 44	5
07.1.1	Breads and rolls	100 mg/kg	Note 29	5
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	50 mg/kg	Note 44	5
07.1.4	Bread-type products, including bread stuffing and bread crumbs	500 mg/kg	Note 44	3
07.2	Fine bakery wares	300 mg/kg	Note 44	3
07.2.2	Other fine bakery products (e.g., doughnuts, sweet rolls, scones, and muffins)	300 mg/kg	Note 44	5
07.2.3	Mixes for fine bakery wares (e.g., cakes, pancakes)	300 mg/kg	Note 44	5
08.1.2	Fresh meat, poultry and game, comminuted	450 mg/kg	Note 44	5
08.3	Processed comminuted meat, poultry, and game products	500 mg/kg	Note 44	5
08.4	Edible casings (e.g., sausage casings)	500 mg/kg	Note 44	5
09.1.2	Fresh mollusks, crustaceans and echinoderms	200 mg/kg	Note 44	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg	Note 44	5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	50 mg/kg	Note 44	5



SULPHITES

DRAFT GSFA - TABLE ONE

Function: Acidity Regulator, Adjuvant, Antioxidant, Bleaching Agent (Not for Flour), Flour Treatment Agent, Firming Agent, Preservative, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	450 mg/kg	Note 44	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	300 mg/kg	Note 44	5
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	500 mg/kg	Note 44	5
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	40 mg/kg	Note 44	3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	300 mg/kg	Note 44	5
12.1	Salt	1000 mg/kg	Note 29	5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg	Note 44	5
12.3	Vinegars	200 mg/kg	Note 44	5
12.4	Mustards	500 mg/kg	Note 44	5
12.5	Soups and broths	1000 mg/kg	Note 44	3
12.6	Sauces and like products	300 mg/kg	Note 44	5
12.9	Protein products	200 mg/kg	Note 44	5
12.9	Protein products	500 mg/kg	Note 44	3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	600 mg/kg	Note 44	5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	500 mg/kg	Note 44	5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	2000 mg/kg	Note 44	5
14.1.2.4	Concentrates (liquid or solid) for vegetable juice	70 mg/kg	Note 44	5
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	30 mg/kg	Note 44	5
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	70 mg/kg	Note 44	3
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	30 mg/kg	Note 44	5
14.1.3.4	Concentrates (liquid or solid) for vegetable nectar	70 mg/kg	Note 44	3
14.1.4.1	Carbonated drinks	115 mg/kg	Note 44	5
14.1.4.2	Non-carbonated, including punches and ades	250 mg/kg	Note 44	5
14.1.4.3	Concentrates (liquid or solid) for drinks	350 mg/kg	Note 44	5
14.2.1	Beer and malt beverages	70 mg/kg	Note 44	5
14.2.1	Beer and malt beverages	150 mg/kg	Note 44	3
14.2.2	Cider and perry	200 mg/kg	Note 44	5
14.2.2	Cider and perry	350 mg/kg	Note 44	3
14.2.3	Wines	350 mg/kg	Note 44	5
14.2.4	Fruit wine	300 mg/kg	Note 44	5
14.2.4	Fruit wine	350 mg/kg	Note 44	3
14.2.5	Mead	200 mg/kg	Note 44	5
14.2.5	Mead	350 mg/kg	Note 44	3
14.2.6.1	Spirituous beverages containing more than 15% alcohol	300 mg/kg	Note 44	5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	150 mg/kg	Note 44	3
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg	Note 44	5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	500 mg/kg	Note 44	5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg	Note 44	5

SUNSET YELLOW FCF

Sunset Yellow FCF

INS: 110

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	300 mg/kg		5
01.2.1	Fermented milks (plain)	12 mg/kg		5
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	100 mg/kg		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	300 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		5
02.2.1.1	Butter and concentrated butter	300 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	300 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	300 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.2	Dried fruit	50 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.7	Candied fruit	300 mg/kg		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	300 mg/kg		3
04.1.2.11	Fruit fillings for pastries	369 mg/kg		5
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.2	Dried vegetables	300 mg/kg		3
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	100 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
04.2.2.7	Fermented vegetable products	200 mg/kg		3
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	400 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	400 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	350 mg/kg		5
06.4	Pastas and noodles	100 mg/kg		5
06.4	Pastas and noodles	300 mg/kg		3

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	300 mg/kg		3
07.0	Bakery wares	300 mg/kg		3
07.1.1	Breads and rolls	300 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5
08.1	Fresh meat, poultry and game	500 mg/kg	Note 3	5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	500 mg/kg	Note 3	5
08.3.1.1	Cured (including salted) non-heat treated processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.3.1.2	Cured (including salted) and dried non-heat treated processed comminuted meat, poultry, and game products	135 mg/kg		5
08.3.1.3	Fermented non-heat treated processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.3.2	Heat-treated processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.3.3	Frozen processed comminuted meat, poultry, and game products	500 mg/kg	Note 3	5
08.4	Edible casings (e.g., sausage casings)	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	100 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	300 mg/kg		3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	300 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	300 mg/kg		3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	300 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	200 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	GMP		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	250 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	300 mg/kg		3
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6.1	Spiritous beverages containing more than 15% alcohol	300 mg/kg		5
14.2.6.2	Spirituous beverages containing less than 15% alcohol	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	300 mg/kg		3
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

**TALC**

Talc

INS: 553iii

Function: Anticaking Agent

Food Cat. No.	Food Category	Max Level	Comments	Step
06.1	Whole, broken, or flaked grain, including rice	GMP		3
12.1	Salt	20000 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	10000 mg/kg	Note 51	3

**TANNIC ACID (TANNINS, FOOD GRADE)**

Tannic Acid (Tannins, Food Grade)

INS: 181

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
05.3	Chewing gum	GMP		3
14.2.2	Cider and perry	200 mg/kg		3
14.2.3	Wines	200 mg/kg		3
14.2.4	Fruit wine	GMP		3
14.2.5	Mead	GMP		3
14.2.6	Spiritous beverages	GMP		5

**TARA GUM**

Tara Gum

INS: 417

Function: Thickener, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.1.1.3	Peeled or cut fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
04.2.1.3	Peeled or cut vegetables	GMP		3
06.1	Whole, broken, or flaked grain, including rice	GMP		3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 73	3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 73	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	1000 mg/kg		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3

**TARTARIC, ACETIC & FATTY ACID ESTERS OF GLYCEROL (MIXED)**

Tartaric, Acetic &amp; Fatty Acid Esters of Glycerol (Mixed)

INS: 472f

Function: Emulsifier, Sequestrant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
02.2.1.1	Butter and concentrated butter	10000 mg/kg	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3

Function: Emulsifier, Sequestrant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

## TARTRATES

Tartaric Acid (L+)-	INS: 334	Monosodium Tartrate	INS: 335i
Disodium Tartrate	INS: 335ii	Monopotassium Tartrate	INS: 336i
Dipotassium Tartrate	INS: 336ii	Potassium Sodium Tartrate	INS: 337

Function: Anticaking Agent, Acidity Regulator, Adjuvant, Antioxidant, Bulking Agent, Emulsifier, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1	Fermented milks (plain)	GMP	Note 45	5
01.6.1	Unripened cheese	30000 mg/kg	Notes 5 & 29	5
01.6.2	Ripened cheese	GMP	Note 45	5
01.6.3	Whey cheese	GMP	Note 45	5
01.6.4	Processed cheese	40000 mg/kg	Note 29	5
01.6.5	Cheese analogues	GMP	Note 45	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	2000 mg/kg	Note 45	5
02.1	Fats and oils essentially free from water	GMP	Note 45	5
02.2.1.1	Butter and concentrated butter	GMP	Note 45	5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	100 mg/kg	Note 45	5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	GMP	Note 45	5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	GMP	Notes 2 & 45	5
03.0	Edible ices, including sherbert and sorbet	200 mg/kg	Note 45	5
03.0	Edible ices, including sherbert and sorbet	2000 mg/kg	Note 45	3
04.1.1	Fresh fruit	2000 mg/kg	Note 29	5
04.1.2.1	Frozen fruit	2000 mg/kg	Note 29	5
04.1.2.2	Dried fruit	2000 mg/kg	Note 29	5
04.1.2.3	Fruit in vinegar, oil, or brine	2000 mg/kg	Note 29	5
04.1.2.4	Canned or bottled (pasteurized) fruit	2000 mg/kg	Note 29	5
04.1.2.5	Jams, jellies, marmelades	3000 mg/kg	Note 45	5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	3000 mg/kg	Note 45	5
04.1.2.7	Candied fruit	2000 mg/kg	Note 29	5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	2000 mg/kg	Note 29	5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	2000 mg/kg	Note 29	5
04.1.2.10	Fermented fruit products	2000 mg/kg	Note 29	5
04.1.2.11	Fruit fillings for pastries	2000 mg/kg	Note 29	5
04.1.2.11	Fruit fillings for pastries	10000 mg/kg	Note 29	3

## TARTRATES

## DRAFT GSFA - TABLE ONE

Function: Anticaking Agent, Acidity Regulator, Adjuvant, Antioxidant, Bulking Agent, Emulsifier, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.12	Cooked or dried fruit	2000 mg/kg	Note 29	5
04.2.1	Fresh vegetables	2000 mg/kg	Note 29	5
04.2.2.1	Frozen vegetables	2000 mg/kg	Note 29	5
04.2.2.2	Dried vegetables	2000 mg/kg	Note 29	5
04.2.2.3	Vegetables in vinegar, oil, or brine	15000 mg/kg	Note 45	5
04.2.2.4	Canned or bottled (pasteurized) vegetables	10000 mg/kg	Note 45	5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	2000 mg/kg	Note 29	5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	2000 mg/kg	Note 29	5
04.2.2.7	Fermented vegetable products	2000 mg/kg	Note 29	5
04.2.2.8	Cooked or fried vegetables	2000 mg/kg	Note 29	5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	5000 mg/kg	Note 45	5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	10000 mg/kg	Note 45	3
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	5000 mg/kg	Note 45	5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	20000 mg/kg	Note 45	3
05.3	Chewing gum	30000 mg/kg	Note 45	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	3000 mg/kg	Note 45	5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	8000 mg/kg	Note 45	3
06.2	Flours and starches	GMP	Note 45	5
06.4	Pastas and noodles	GMP	Note 45	5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	2860 mg/kg	Note 45	5
07.0	Bakery wares	10000 mg/kg	Note 45	3
07.1.1	Breads and rolls	GMP	Note 45	5
07.1.2	Crackers, excluding sweet crackers	GMP	Note 45	5
07.1.3	Other ordinary bakery products (e.g., bagels, pita, English muffins)	5000 mg/kg	Note 45	5
07.2	Fine bakery wares	GMP	Note 45	5
08.0	Meat and meat products, including poultry and game	GMP	Note 45	5
10.4	Egg-based desserts (e.g., custard)	2000 mg/kg	Note 45	5
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	7500 mg/kg	Note 45	5
12.4	Mustards	GMP	Note 45	5
12.4	Mustards	5000 mg/kg	Note 45	3
12.5	Soups and broths	2000 mg/kg	Note 45	5
12.5	Soups and broths	5000 mg/kg	Note 45	3
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	5000 mg/kg	Note 45	5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	3000 mg/kg	Note 45	5
12.6.3	Mixes for sauces and gravies	GMP	Note 45	5
13.2	Weaning foods for infants and young children	5000 mg/kg	Note 45	5
14.1.2	Fruit and vegetable juices	2000 mg/kg	Note 29	5
14.1.2	Fruit and vegetable juices	4000 mg/kg	Note 29	3
14.1.3	Fruit and vegetable nectars	2000 mg/kg	Note 29	5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	3000 mg/kg	Note 45	5

## TARTRATES

## DRAFT GSFA - TABLE ONE

Function: Anticaking Agent, Acidity Regulator, Adjuvant, Antioxidant, Bulking Agent, Emulsifier, Flour Treatment Agent, Humectant, Preservative, Raising Agent, Sequestrant, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.1	Beer and malt beverages	GMP	Note 45	5
14.2.1	Beer and malt beverages	2000 mg/kg	Note 45	3
14.2.2	Cider and perry	GMP	Note 45	5
14.2.2	Cider and perry	2000 mg/kg	Note 45	3
14.2.3.1	Still wine	9000 mg/kg	Note 45	5
14.2.3.2	Sparkling and semi-sparkling wines	4190 mg/kg	Note 29	5
14.2.3.3	Fortified wine and liquor wine	4190 mg/kg	Note 29	5
14.2.3.4	Aromatized wine	4190 mg/kg	Note 29	5
14.2.4	Fruit wine	GMP	Note 45	3
14.2.5	Mead	GMP	Note 45	5
14.2.6	Spiritous beverages	3000 mg/kg	Note 45	5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	600 mg/kg	Notes 2 & 45	3

## TARTRAZINE

Tartrazine

INS: 102

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.2	Dairy-based drinks, flavoured and/or fermented (e.g., chocolate milk, cocoa, eggnog)	300 mg/kg		5
01.2.1	Fermented milks (plain)	18 mg/kg		5
01.3.2	Beverage whiteners	300 mg/kg		3
01.6.1	Unripened cheese	GMP	Note 3	5
01.6.2.2	Rind of ripened cheese	100 mg/kg		5
01.6.3	Whey cheese	GMP	Note 3	5
01.6.4	Processed cheese	200 mg/kg		5
01.6.5	Cheese analogues	GMP	Note 3	5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	150 mg/kg		5
01.7	Dairy-based desserts (e.g., ice cream, ice milk, pudding, fruit or flavoured yoghurt)	300 mg/kg		3
02.1.3	Lard, tallow, fish oil and other animal fats	GMP		5
02.2.1.1	Butter and concentrated butter	300 mg/kg		5
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	GMP		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	150 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	300 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	300 mg/kg		5
04.1.1.2	Surface-treated fruit	500 mg/kg		5
04.1.2.2	Dried fruit	200 mg/kg		5
04.1.2.4	Canned or bottled (pasteurized) fruit	200 mg/kg		5
04.1.2.5	Jams, jellies, marmelades	500 mg/kg		5
04.1.2.6	Fruit-based spreads (e.g., chutney) excluding products of food category 04.1.2.5	500 mg/kg		5
04.1.2.7	Candied fruit	200 mg/kg		5
04.1.2.7	Candied fruit	300 mg/kg		3
04.1.2.8	Fruit preparations, including pulp and fruit toppings	500 mg/kg		5
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		5



## TARTRAZINE

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	300 mg/kg		3
04.1.2.11	Fruit fillings for pastries	246 mg/kg		5
04.1.2.11	Fruit fillings for pastries	300 mg/kg		3
04.2.1.2	Surface-treated vegetables	500 mg/kg		5
04.2.2.2	Dried vegetables	300 mg/kg		3
04.2.2.3	Vegetables in vinegar, oil, or brine	500 mg/kg		5
04.2.2.4	Canned or bottled (pasteurized) vegetables	200 mg/kg		5
04.2.2.6	Vegetable, and nut & seed pulps and preparations (e.g., vegetable desserts and sauces, candied vegetables) other than food category 04.2.2.5	200 mg/kg		5
05.1	Cocoa products and chocolate products including imitations and chocolate substitutes	300 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	300 mg/kg		5
05.3	Chewing gum	300 mg/kg		5
05.4	Decorations (e.g., for fine bakery wares), toppings (non-fruit) and sweet sauces	500 mg/kg		5
06.3	Breakfast cereals, including rolled oats	200 mg/kg		5
06.3	Breakfast cereals, including rolled oats	300 mg/kg		3
06.4	Pastas and noodles	100 mg/kg		5
06.4	Pastas and noodles	300 mg/kg		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	300 mg/kg		3
07.0	Bakery wares	300 mg/kg		3
07.1.1	Breads and rolls	300 mg/kg		5
07.2	Fine bakery wares	200 mg/kg		5
08.0	Meat and meat products, including poultry and game	500 mg/kg	Note 3	5
09.1.1	Fresh fish	300 mg/kg		5
09.1.2	Fresh mollusks, crustaceans and echinoderms	500 mg/kg	Note 3	5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.4.1	Cooked fish	500 mg/kg		5
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	250 mg/kg		5
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
09.3	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg	Note 3	5
09.4	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	500 mg/kg		5
10.1	Fresh eggs	GMP	Notes 3 & 4	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		5
10.4	Egg-based desserts (e.g., custard)	300 mg/kg		3
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	66 mg/kg		5

## TARTRAZINE

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
11.1	White & semi-white sugar (sucrose or saccharose), fructose, glucose (dextrose), xylose; sugar solutions and syrups, also (partially) inverted sugars, including molasses, treacle, and sugar toppings	300 mg/kg		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	300 mg/kg		3
11.4	Table-top sweeteners, including those containing high-intensity sweeteners	300 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	500 mg/kg		5
12.4	Mustards	300 mg/kg		5
12.5	Soups and broths	300 mg/kg		5
12.6	Sauces and like products	500 mg/kg		5
12.9	Protein products	100 mg/kg		5
13.1	Infant formulae and follow-on formulae	50 mg/kg		5
13.2	Weaning foods for infants and young children	50 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	50 mg/kg		5
13.4	Dietetic formulae for slimming purposes and weight reduction	50 mg/kg		5
13.5	Dietetic foods (e.g., supplementary foods for dietary use) excluding products of food categories 13.1 - 13.4	300 mg/kg		5
13.6	Food supplements	300 mg/kg		5
14.1.2.1	Canned or bottled (pasteurized) fruit juice	GMP		5
14.1.2.2	Canned or bottled (pasteurized) vegetable juice	GMP		5
14.1.2.3	Concentrates (liquid or solid) for fruit juice	300 mg/kg		5
14.1.3.3	Concentrates (liquid or solid) for fruit nectar	300 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	300 mg/kg		3
14.1.4.1	Carbonated drinks	300 mg/kg		5
14.1.4.2	Non-carbonated, including punches and ades	300 mg/kg		5
14.1.4.3	Concentrates (liquid or solid) for drinks	195 mg/kg		5
14.2.1	Beer and malt beverages	3.1 mg/kg		5
14.2.2	Cider and perry	200 mg/kg		5
14.2.3.1	Still wine	3.1 mg/kg		5
14.2.3.2	Sparkling and semi-sparkling wines	3.1 mg/kg		5
14.2.3.3	Fortified wine and liquor wine	3.1 mg/kg		5
14.2.3.4	Aromatized wine	200 mg/kg		5
14.2.4	Fruit wine	200 mg/kg		5
14.2.6.1	Spiritous beverages containing more than 15% alcohol	300 mg/kg		5
14.2.6.2	Spiritous beverages containing less than 15% alcohol	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	200 mg/kg		5
15.1	Snacks - potato, cereal, flour or starch based (from roots & tubers, pulses & legumes)	300 mg/kg		3
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	100 mg/kg		5
16.0	Composite foods (e.g., casseroles, meat pies, mincemeat) - foods that could not be place in food categories 01 - 15.	500 mg/kg		5

## TBHQ

Tertiary Butylhydroquinone

INS: 319

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
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Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.3.1	Condensed milk (plain)	200 mg/kg		5
02.0	Fats and oils, and fat emulsions (type water-in-oil)	200 mg/kg		5
02.1	Fats and oils essentially free from water	200 mg/kg		3
02.2	Fat emulsions mainly of type water-in-oil	200 mg/kg		3
03.0	Edible ices, including sherbert and sorbet	200 mg/kg	Note 15	3
05.0	Confectionary	200 mg/kg	Note 15	3
05.3	Chewing gum	750 mg/kg		5
08.0	Meat and meat products, including poultry and game	100 mg/kg		5
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	1000 mg/kg		5
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Note 15	5

## THAUMATIN

Thaumatococcus

INS: 957

Function: Sweetener, Flavour Enhancer

Food Cat. No.	Food Category	Max Level	Comments	Step
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	400 mg/kg	Note 51	3

## THIODIPROPIONATES

Thiodipropionic Acid

INS: 388

Dilauryl Thiodipropionate

INS: 389

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
02.1	Fats and oils essentially free from water	200 mg/kg	Note 46	8
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	200 mg/kg	Note 46	8
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	200 mg/kg	Note 46	8
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	200 mg/kg	Notes 15 & 46	8
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Notes 15 & 46	8
15.0	Ready-to-eat savouries	200 mg/kg	Note 46	8

## TITANIUM DIOXIDE

Titanium Dioxide

INS: 171

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3

## TITANIUM DIOXIDE

## DRAFT GSFA - TABLE ONE

Function: Colour

Food Cat. No.	Food Category	Max Level	Comments	Step
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	1000 mg/kg		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4.1	Cooked fish	GMP		3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.1	Fresh eggs	GMP	Notes 3 & 4	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.2.3.2	Sparkling and semi-sparkling wines	GMP		3
14.2.3.4	Aromatized wine	GMP		3

## TOCOPHEROLS

Mixed Tocopherols Concentrate

INS: 306

Alpha-Tocopherol

INS: 307

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
01.0	Dairy products, excluding fat based products of food category 02.0	200 mg/kg		5
01.5.1	Milk powder and cream powder	5000 mg/kg		3
02.1.1	Butter oil, anhydrous milkfat, ghee	500 mg/kg		5
02.1.2	Vegetable oils and fats	300 mg/kg		5
02.1.3	Lard, tallow, fish oil and other animal fats	300 mg/kg		5
02.2.1.1	Butter and concentrated butter	GMP		3
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	500 mg/kg		5
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	500 mg/kg		5
02.3	Fats emulsions other than food category 02.2, including mixed and/or flavoured products based on fat emulsions	200 mg/kg		5
02.4	Fat-based desserts excluding dairy-based dessert products of food category 01.7	200 mg/kg		5
03.0	Edible ices, including sherbert and sorbet	500 mg/kg	Note 15	3
04.1.2.2	Dried fruit	200 mg/kg		5
04.1.2.8	Fruit preparations, including pulp and fruit toppings	150 mg/kg		3
04.1.2.9	Fruit-based desserts, including fruit-flavored water-based desserts	150 mg/kg		3
04.1.2.11	Fruit fillings for pastries	150 mg/kg		3
04.2.2.2	Dried vegetables	200 mg/kg		5
04.2.2.5	Vegetable, and nut & seed purees and spreads (e.g., peanut butter)	25 mg/kg		5
04.2.2.8	Cooked or fried vegetables	200 mg/kg		3
05.0	Confectionary	500 mg/kg	Note 15	3

TOCOPHEROLS

DRAFT GSFA - TABLE ONE

Function: Antioxidant

Food Cat. No.	Food Category	Max Level	Comments	Step
05.1.1	Cocoa mixes (powders and syrups)	25 mg/kg		5
05.1.2	Cocoa-based spreads, including fillings	25 mg/kg		5
05.1.4	Imitation chocolate, chocolate substitute products	25 mg/kg		5
05.2	Sugar-based confectionary, including hard and soft candy, nougats, etc. other than food categories 05.1, 05.3, and 05.4	25 mg/kg		5
05.3	Chewing gum	1500 mg/kg		5
06.2	Flours and starches	600 mg/kg		5
06.3	Breakfast cereals, including rolled oats	85 mg/kg		5
06.4	Pastas and noodles	GMP		3
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	GMP		5
06.5	Cereal and starch based desserts (e.g., rice puddings, tapioca pudding)	150 mg/kg		3
06.6	Batters (e.g., for breading or batters for fish or poultry)	5 mg/kg		3
07.0	Bakery wares	200 mg/kg		3
07.1.2	Crackers, excluding sweet crackers	GMP		5
07.2	Fine bakery wares	100 mg/kg		5
08.2	Processed meat, poultry, and game products in whole pieces or cuts	3000 mg/kg		3
08.2.1.1	Cured (including salted) non-heat treated processed meat, poultry, and game products in whole pieces or cuts	500 mg/kg		5
08.2.1.2	Cured (including salted) and dried non-heat treated processed meat, poultry, and game products in whole pieces or cuts	300 mg/kg		5
08.2.1.3	Fermented non-heat treated processed meat, poultry, and game products in whole pieces or cuts	300 mg/kg		5
08.3	Processed comminuted meat, poultry, and game products	300 mg/kg		5
08.3	Processed comminuted meat, poultry, and game products	3000 mg/kg		3
08.4	Edible casings (e.g., sausage casings)	5000 mg/kg		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 15	5
10.4	Egg-based desserts (e.g., custard)	150 mg/kg		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	1000 mg/kg		5
12.4	Mustards	200 mg/kg		5
12.5	Soups and broths	200 mg/kg		5
12.6.1	Emulsified or clear sauces (e.g., mayonnaise, salad dressing, soy sauce)	600 mg/kg		5
12.6.2	Non-emulsified sauces (e.g., ketchup, cheese sauce, cream sauce, brown gravy)	600 mg/kg		5
12.6.3	Mixes for sauces and gravies	200 mg/kg		5
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 05.1.2	200 mg/kg		5
12.8	Yeast	200 mg/kg		5
13.1	Infant formulae and follow-on formulae	30 mg/kg		5
13.2	Weaning foods for infants and young children	1000 mg/kg		5
13.3	Dietetic foods intended for special medical purposes, including those for infants and young children	1000 mg/kg		5
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	1000 mg/kg	Note 15	5
14.2.1	Beer and malt beverages	150 mg/kg		3
14.2.3	Wines	150 mg/kg		3
14.2.6.2	Spirituous beverages containing less than 15% alcohol	150 mg/kg		3
15.0	Ready-to-eat savouries	200 mg/kg		5
15.2	Processed nuts, including coated nuts and nut mixtures (with e.g., dried fruit)	1500 mg/kg		3

**TOSOM**

Thermally Oxidized Soya Bean Oil with Mono- and Di-Glycerides of Fatty Acids (TOSOM)      INS: 479

Function: Emulsifier

Food Cat. No.	Food Category	Max Level	Comments	Step
02.2.1.2	Margarine and similar products (e.g., butter-margarine blends)	5000 mg/kg		8
02.2.2	Emulsions containing less than 80% fat (e.g., minarine)	5000 mg/kg		8

**TRAGACANTH GUM**

Tragacanth Gum      INS: 413

Function: Bulking Agent, Emulsifier, Stabilizer, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
02.1	Fats and oils essentially free from water	13000 mg/kg		3
02.2.1.1	Butter and concentrated butter	GMP	Note 52	3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	2000 mg/kg		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3	Wines	500 mg/kg		3

**TRIACETIN**

Triacetin      INS: 1518

Function: Humectant

Food Cat. No.	Food Category	Max Level	Comments	Step
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TRIACETIN

DRAFT GSFA - TABLE ONE

Function: Humectant

Food Cat. No.	Food Category	Max Level	Comments	Step
14.2.3	Wines	GMP		3

**TRIETHYL CITRATE**

Triethyl Citrate

INS: 1505

Function: Antifoaming Agent, Carrier Solvent, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
10.2.1	Liquid egg products	2500 mg/kg	Note 47	8
10.2.3	Dried and/or heat coagulated egg products	2500 mg/kg	Note 47	8
14.1.4	Water-based flavoured drinks, including "sport" or "electrolyte" drinks	200 mg/kg		8

**TRIPOTASSIUM CITRATE**

Tripotassium Citrate

INS: 332ii

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	GMP		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.1	Fats and oils essentially free from water	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**TRISODIUM CITRATE**

Trisodium Citrate

INS: 331iii

Function: Acidity Regulator, Antioxidant, Emulsifier, Sequestrant, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1	Milk and buttermilk	GMP		3
01.2.1	Fermented milks (plain)	1500 mg/kg	Note 63	3
01.2.2	Renneted milk	GMP		3
01.4.1	Pasteurized cream	2000 mg/kg		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.1	Fats and oils essentially free from water	GMP		3
04.1.1	Fresh fruit	2000 mg/kg		3
04.2.1	Fresh vegetables	2000 mg/kg		3
04.2.2.1	Frozen vegetables	GMP		3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	5000 mg/kg		3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	5000 mg/kg		3
14.1.5	Coffee, coffee infusions (excluding flavoured coffees), and other hot cereal beverages, excluding cocoa	GMP		3
14.2.3.4	Aromatized wine	GMP		3

**XANTHAN GUM**

Xanthan Gum

INS: 415

Function: Thickener, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
01.1.1.2	Buttermilk (plain)	3000 mg/kg		3
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	5000 mg/kg		3
01.4.1	Pasteurized cream	GMP		3
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams	5000 mg/kg		3
02.2.1.1	Butter and concentrated butter	5000 mg/kg	Note 52	3
06.4	Pastas and noodles	4000 mg/kg	Note 54	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	5000 mg/kg	Note 61	3



XANTHAN GUM

DRAFT GSFA - TABLE ONE

Function: Thickener, Stabilizer

Food Cat. No.	Food Category	Max Level	Comments	Step
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 41	3
10.2.1	Liquid egg products	GMP		3
10.2.2	Frozen egg products	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	5000 mg/kg		3
13.2	Weaning foods for infants and young children	20000 mg/kg		3
14.1.2.1	Canned or bottled (pasteurized) fruit juice	5000 mg/kg		3
14.1.3.1	Canned or bottled (pasteurized) fruit nectar	3000 mg/kg		3

**XYLITOL**

Xylitol

INS: 967

Function: Bulking Agent, Emulsifier, Humectant, Stabilizer, Sweetener, Thickener

Food Cat. No.	Food Category	Max Level	Comments	Step
01.2.1.2	Fermented milks (plain), heat-treated after fermentation	GMP		3
01.2.2	Renneted milk	GMP		3
04.1.1.2	Surface-treated fruit	GMP		3
04.2.1.2	Surface-treated vegetables	GMP		3
06.4	Pastas and noodles	GMP	Note 54	3
08.1.1	Fresh meat, poultry and game, whole pieces or cuts	GMP	Note 3	3
08.1.2	Fresh meat, poultry and game, comminuted	GMP		3
09.1	Fresh fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.1	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
09.2.2	Frozen battered fish, fish fillets and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.3	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.4.1	Cooked fish	GMP		3
09.2.4.2	Cooked mollusks, crustaceans, and echinoderms	GMP		3
09.2.4.3	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	Note 3	3
09.2.5	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP		3
11.2	Other sugars and syrups (e.g., brown sugar, maple syrup)	GMP		3
12.2	Herbs, spices, seasonings (including salt substitutes), and condiments	GMP	Note 51	3
13.1	Infant formulae and follow-on formulae	GMP		3
13.2	Weaning foods for infants and young children	GMP		3

## Notes to the Comments for the Proposed Draft General Standard for Food Additives

Notes to the Comments for the Revised Draft General Standard for Food Additives (Post-31st CCFAC)  
(Strikeout indicates that note has appeared in the previous draft GSFA (CX/FAC 99/6 and ALINORM 99/12A, Appendix II),but is no longer needed.

Note 1: As adipic acid

Note 2: On dry ingredient, dry weight, dry mix or concentrate basis.

Note 3: Surface treatment.

Note 4: For decoration, stamping, marking or branding the product.

Note 5: Used in raw materials for manufacture of the finished food.

Note 6: As aluminium.

Note 7: Use level not in finished food.

Note 8: As bixin.

Note 9: As total bixin or norbixin.

Note 10: As ascorbyl stearate.

Note 11: Flour basis.

Note 12: Carryover from flavouring substances.

Note 13: As benzoic acid.

Note 14: On amount of milk used.

Note 15: Fat or oil basis.

Note 16: Use level in chicken feed to color chicken skins or eggs.

Note 17: As cyclamic acid.

Note 18: Added level; residue not detected in ready-to-eat food.

Note 19: Used in cocoa fat; use level on ready-to-eat basis.

Note 20: On total amount of stabilizers, thickeners and/or gums.

Note 21: As anhydrous calcium disodium EDTA.

Note 22: NOT USED

Note 23: As iron.

Note 24: As anhydrous sodium ferrocyanide.

Note 25: As formic acid.

Note 26: NOT USED

Note 27: As p-hydroxybenzoic acid.

Note 28: ADI conversion: if a typical preparation contains 0.025 ug/U, then the ADI of 33,000 U/kg bw becomes:  
[(33000 U/kg bw) x (0.025 ug/U) x (1 mg/1000 ug)] = 0.825 mg/kg bw

Note 29: Reporting basis not specified.

Note 30: As residual NO3 ion.

Note 31: Of the mash used.

Note 32: As residual NO2 ion.

Note 33: As phosphorus.

Note 34: Anhydrous basis.

Note 35: Level in cocoa nibs.

Note 36: Residual level.

Note 37: As weight of nonfat milk solids.

Note 38: Level in creaming mixture.

Note 39: Only when product contains butter or other fats and oils.

Note 40: Use in packing medium only.  
Note 41: Use in breading or batter coatings only.  
Note 42: As sorbic acid  
Note 43: As tin.  
Note 44: As residual SO<sub>2</sub>.  
Note 45: As tartaric acid.  
Note 46: As thiodipropionic acid.  
Note 47: On egg yolk weight, dry basis.  
Note 48: For olives only.  
Note 49: For use on citrus fruits only.  
Note 50: For use in fish roe only.  
Note 51: For use in herbs and salt substitutes only.  
Note 52: For use in butter only.  
Note 53: For use in coatings only.  
Note 54: For use in dried products only.  
Note 55: Added level.  
Note 56: Provided starch is not present.  
Note 57: GMP is 1 part benzoyl peroxide and not more than 6 parts of the subject additive by weight.  
Note 58: As calcium.  
Note 59: Use as packing gas.

Note 60: If used as a carbonating agent, the CO<sub>2</sub> in the finished wine shall not exceed 39.2 mg/kg.  
Note 61: For use in minced fish only.  
Note 62: As copper.  
Note 63: On amount of dairy ingredients.  
Note 64: Level added to dry beans; 200 mg/kg in ready-to-eat food, anhydrous basis.  
Note 65: Carryover from nutrient preparations.  
Note 66: As formaldehyde.  
Note 67: Carryover from use in casings.  
Note 68: For use in natural mineral waters only.  
Note 69: Use as carbonating agent.  
Note 70: As the acid.  
Note 71: Calcium, potassium and sodium salts only.  
Note 72: Ready-to-eat basis.  
Note 73: Except whole fish.  
Note 74: Use level for deep orange coloured cheeses; 25 mg/kg for orange coloured cheeses; 10 mg/kg for normal coloured cheeses.