

هيئة التقييس لدول مجلس التعاون لدول الخليج العربية

GCC STANDARDIZATION ORGANIZATION (GSO)

مشروع تعديل على اللائحة الفنية GSO ٢٥٠٠

المواد المضافة المسموح باضافتها في المواد الغذائية

Final amendment draft

Standard GSO ٢٥٠٠

Additives Permitted for Use in Food Stuffs

إعداد اللجنة الفنية الخليجية TC ٠٥

Prepared by GSO Technical Committee No. TC ٠٥

GSO ٠٥ FDS ٢٥٠٠

المواد المضافة المسموح باستخدامها في المواد الغذائية

Additives Permitted for Use in Food Stuffs

ICS: ٦٧,٢٢٠,٢٠

This document is a draft Gulf Technical Regulation circulated for comments. It is, therefore, subject to alteration and modification and may not be referred to as a Gulf Technical Regulation until approved by GSO.

هذه الوثيقة مشروع لائحة فنية خليجية تم توزيعها لإبداء الرأي والملاحظات بشأنها، لذلك فإنها عرضة للتغيير والتبديل، ولا يجوز الرجوع إليها كلائحة فنية خليجية إلا بعد اعتمادها من الهيئة.

٤. المتطلبات

٥,٤ لا يسمح باستخدام واحد أو أكثر من واحد أو أكثر من المواد المضافة التالية:

E٤١٠، E٤١١، E٤١٢، E٤١٣، E٤١٤، E٤١٥، E٤١٧، و/أو E٤١٨. في منتجات أكواب الجيلي الصغيرة

(Jelly Mini-Cups).

جدول رقم (١)

المواد المضافة المسموح باستخدامها في تصنيفات غذائية معينة أو منتجات غذائية مفردة تحت ظروف محددة

ACESULFAME POTASSIUM

INS ٩٥٠	Acesulfame potassium	Functional Class: Flavour enhancer, Sweetener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	٢٠٠٠ mg/kg	١٨٨, ٢٠١, ٤٧٨ XS٢٥٠, XS٢٥٢
٠١,٤,٤	Cream analogues	١٠٠٠ mg/kg	١٨٨, ٤٧٨ & ٦٨
٠١,٥,٢	Milk and cream powder analogues	١٠٠٠ mg/kg	١٨٨, ٤٧٨, XS٢٥١ & ٤٠٨
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	٣٥٠ mg/kg	١٨٨ & ٤٧٨
٠٤,١,٢,١	Frozen fruit	٥٠٠ mg/kg	١٨٨, ٤٧٨ & ٣٥٨
٠٤,١,٢,٣	Fruit in vinegar, oil, or brine	٢٠٠ mg/kg	١٤٤ & ١٨٨
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	٣٥٠ mg/kg	١٨٨, ٤٧٨ & XS٣١٩
٠٤,١,٢,٧	Candied fruit	٥٠٠ mg/kg	١٨٨ & ٤٧٨
٠٤,١,٢,١١	Fruit fillings for pastries	٣٥٠ mg/kg	١٨٨ & ٤٧٨
٠٤,٢,٢,٤	Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	٣٥٠ mg/kg	١٨٨ & ٤٧٨
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	٣٥٠ mg/kg	١٨٨ & ٤٧٨
٠٥,١,٢	Cocoa mixes (syrups)	٣٥٠ mg/kg	٩٧, ١٨٨ & ٤٧٨
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٥٠٠ mg/kg	١٨٨ & ٤٧٨
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	٣٥٠ mg/kg	١٨٨ & ٤٧٨
٠٦,٨,١	Soybean-based beverages	٥٠٠ mg/kg	٤٧٨
١٢,٢,٢	Seasonings and condiments	٢٠٠٠ mg/kg	١٨٨, ٤٧٨
١٢,٣	Vinegars	٢٠٠٠ mg/kg	١٨٨, ٤٧٨ & ٢٧٧
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٣٥٠ mg/kg	١٦٦, ١٨٨ & ٤٧٨
١٢,٩,١	Fermented soybean paste (e.g., miso)	٣٥٠ mg/kg	٤٧٨
١٤,١,٣,٢	Vegetable nectar	٣٥٠ mg/kg	١٨٨ & ٤٧٨
١٤,١,٣,٤	Concentrates for vegetable nectar	٣٥٠ mg/kg	١٢٧, ١٨٨ & ٤٧٨

ACETIC AND FATTY ACID ESTERS OF GLYCEROL

INS ٤٧٢a	Acetic and fatty acid esters of glycerol	Functional Class: Emulsifier, Sequestrant, Stabilizer	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤

ACETYLATED DISTARCH PHOSPHATE

INS ١٤١٤	Acetylated distarch phosphate	Functional Class: Emulsifier, Stabilizer, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤

ADVANTAME

INS ٩٦٩	Advantame	Functional Class: Flavour enhancer, Sweetener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,١,٤	Flavoured fluid milk drinks	٦mg/kg	٣٨١
٠١,٣,٢	Beverage whiteners	٦٠mg/kg	٢٠١, ٤٧٨, XS٢٥٠, XS٢٥٢
٠١,٤,٤	Cream analogues	١٠mg/kg	٤٨, ١٦٨
٠١,٥,٢	Milk and cream powder analogues	٢٠mg/kg	٤٠٨, ٤٧٨, XS٢٥١
٠١,٦,١	Unripened cheese	١٠mg/kg	٢٠١, ٤٧٨, XS٢٥١, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	١٠mg/kg	٤٧٨
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٠mg/kg	٤٧٨
٠٣,٠	Edible ices, including sherbet and sorbet	١٠mg/kg	٤٧٨
٠٤,١,٢,١	Frozen fruit	٢٠mg/kg	٣٥٨, ٤٧٨
٠٤,١,٢,٣	Fruit in vinegar, oil, or brine	٣mg/kg	١٤٤
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	١٠mg/kg	٤٧٨
٠٤,١,٢,٥	Jams, jellies, marmelades	١٠mg/kg	٤٧٨ & XS٢٩٦
٠٤,١,٢,٦	Fruit-based spreads (e.g. chutney) excluding products of food category	١٠mg/kg	٤٧٨ & XS١٦٠

FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,٢,٥			
٠٤,١,٢,٧	Candied fruit	٢٠mg/kg	٤٧٨
٠٤,١,٢,٨	Frozen battered fish, fish fillets, and fish	١٠mg/kg	٤٧٨,
	Fruit preparations, including pulp,		XS٢٤٠ &
	purees, fruit toppings and coconut milk		XS٣١٤R
٠٤,١,٢,٩	Fruit-based desserts, including fruit-	١٠mg/kg	٤٧٨
	flavoured water-based desserts		
٠٤,١,٢,١	Fermented fruit products	١٠mg/kg	٤٧٨
٠٤,١,٢,١	Fruit fillings for pastries	١٠mg/kg	٤٧٨
٠٤,١,٢,١	Cooked fruit	١٠mg/kg	٤٧٨
٠٤,٢,٢,٢	Dried vegetables (including mushrooms and	١٠mg/kg	١٤٤, ٣٤٨
	fungi, roots and tubers, pulses and legumes,		
	and aloe vera), seaweeds, and nuts and		
	seeds		
٠٤,٢,٢,٣	Vegetables (including mushrooms and	٣ mg/kg	١٤٤
	fungi, roots and tubers, pulses and		
	legumes, and aloe vera), and seaweeds		
	in vinegar, oil, brine, or soybean sauce		
٠٤,٢,٢,٤	Canned or bottled (pasteurized) or retort	١٠mg/kg	٤٧٨
	pouch vegetables (including		
	mushrooms and fungi, roots and tubers,		
	pulses and legumes, and aloe vera),		
	and seaweeds		
٠٤,٢,٢,٥	Vegetable (including mushrooms and	١٠mg/kg	٤٧٨,
	fungi, roots and tubers, pulses and		XS٢٥٧
	legumes, and aloe vera), seaweed, and		
	nut and seed purees and spreads (e.g.,		
	peanut butter)		
٠٤,٢,٢,٦	Vegetable (including mushrooms and	١٠mg/kg	٤٧٨, XS٣٨,
	fungi, roots and tubers, pulses and		XS٥٧,
	legumes, and aloe vera), seaweed, and		XS٢٥٩R,
	nut and seed pulps and preparations		XS٣٠٨R
	(e.g. vegetable desserts and sauces,		, XS٣٢١
	candied vegetables) other than food		
	category ٠٤,٢,٢,٥		
٠٤,٢,٢,٧	Fermented vegetable (including	٢٥mg/kg	١٤٤
	mushrooms and fungi, roots and tubers,		
	pulses and legumes, and aloe vera) and		
	seaweed products, excluding fermented		
	soybean products of food categories		
	٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and		
	١٢,٩,٢,٣		
٠٤,٢,٢,٨	Cooked or fried vegetables (including	١٠mg/kg	١٤٤,
	mushrooms and fungi, roots and tubers,		٣٤٥, ٤٧٨
	pulses and legumes, and aloe vera),		
	and seaweeds		
٠٥,١,١	Cocoa mixes (powders) and cocoa	٣٠mg/kg	٩٧, ٤٧٨,
	mass/cake		XS١٤١
٠٥,١,٢	Cocoa mixes (syrups)	١٠mg/kg	٩٧, ٤٧٨

FoodCatNo	FoodCategory	MaxLevel	Note
٠٥,١,٣	Cocoa-based spreads, including fillings	١٠mg/kg	٤٧٨ & XS٨٦
٠٥,١,٤	Cocoa and chocolate products	٢٠mg/kg	٤٧٨
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٣٠mg/kg	٤٧٨
٠٥,٢,١	Hard candy	٤٠mg/kg	١١٤ & ٤٧٨
٠٥,٢,٢	Soft candy	٣٠mg/kg	١١٤, ٤٧٨ & XS٣٠٩R
٠٥,٢,٣	Nougats and marzipans	٣٠mg/kg	٤٧٨
٠٥,٣	Chewing gum	٤٠٠mg/kg	٤٧٨
٠٥,٤	Decorations (e.g. for fine bakery wares), toppings (non-fruit) and sweet sauces	٢٠mg/kg	٤٧٨
٠٦,٣	Breakfast cereals, including rolled oats	١٠mg/kg	٤٧٨
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	١٠mg/kg	٤٧٨
٠٧,٢	Fine bakery wares (sweet, salty, savoury) and mixes	١٧mg/kg	٤٧٨
٠٩,٢	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	٣ mg/kg	١٦٥, ٤٧٨
٠٩,٣	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	٣ mg/kg	١٤٤
٠٩,٤	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	٣ mg/kg	١٤٤, XS٢٩١
١٠,٤	Egg-based desserts (e.g. custard)	١٠mg/kg	٤٧٨
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	٣٠mg/kg	٢٥٨, ٤٧٨
١١,٦	Table-top sweeteners, including those containing high-intensity sweeteners	GMP	
١٢,٢,٢	Seasonings and condiments	٢٠mg/kg	٤٧٨
١٢,٣	Vinegars	٣٠mg/kg	٢٧٧, ٤٧٨
١٢,٤	Mustards	٣,٥mg/kg	٤٧٨
١٢,٥	Soups and broths	١٢mg/kg	٤٧٨ & XS١١٧
١٢,٦	Sauces and like products	٣,٥mg/kg	٤٧٨
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٣,٥mg/kg	١٦٦, ٤٧٨
١٣,٣	Dietetic foods intended for special medical purposes (excluding products of food category ١٣,١)	١٠mg/kg	٤٧٨
١٣,٤	Dietetic formulae for slimming purposes and weight reduction	∞mg/kg	٤٧٨

FoodCatNo	FoodCategory	MaxLevel	Note
١٣,٥	Dietetic foods (e.g. supplementary foods for dietary use) excluding products of food categories ١٣,١ - ١٣,٤ and ١٣,٦	١٠mg/kg	٤٧٨
١٣,٦	Food supplements	٥٥mg/kg	٤٧٨
١٤,١,٣,١	Fruit nectar	٦mg/kg	٤٧٨
١٤,١,٣,٢	Vegetable nectar	٦mg/kg	٤٧٨
١٤,١,٣,٣	Concentrates for fruit nectar	٦mg/kg	١٢٧, ٤٧٨
١٤,١,٣,٤	Concentrates for vegetable nectar	٦mg/kg	١٢٧, ٤٧٨
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	١٠mg/kg	٤٧٨
١٤,١,٥	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa	٦mg/kg	٤٧٨ & XS١١٧
١٥,٠	Ready-to-eat savouries	٥mg/kg	٤٧٨

AGAR**INS ٤٠٦ Agar****Functional Class: Bulking agent, Carrier, Emulsifier, Gelling agent, Glazing agent, Humectant, Stabilizer, Thickener**

FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٣ & ٤٥٤

ALGINIC ACID**INS ٤٠٠ Alginic acid****Functional Class: Bulking agent, Carrier, Emulsifier, Foaming agent, Gelling agent, Glazing agent, Humectant, Sequestrant, Stabilizer, Thickener**

FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤

ALITAME**INS ٩٥٦****Alitame****Functional Class: Sweetener**

FoodCatNo	FoodCategory	MaxLevel	Note
٠٣,٠	Edible ices, including sherbet and sorbet	١٠٠ mg/kg	٤٧٧
٠٥,٣	Chewing gum	٣٠٠ mg/kg	٤٧٧
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	٤٠ mg/kg	٤٧٧

ALLURA RED AC

INS ١٢٩	Allura Red AC	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,١,٤	Flavoured fluid milk drinks	١٠٠ mg/kg	٥٢ & ٥٤٠
٠٤,١,٢,٧	Candied fruit	٣٠٠ mg/kg	١٦١
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	١٥٠ mg/kg	١٢٧

AMMONIUM ALGINATE

INS ٤٠٣	Ammonium alginate	Functional Class: Bulking agent, Carrier, Emulsifier, Foaming agent, Gelling agent, Glazing agent, Humectant, Sequestrant, Stabilizer, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤

ANNATTO EXTRACTS, BIXIN-BASED

INS ١٦٠ b(i)	Annatto extracts, bixin-based	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٢,١	Fermented milks (plain)	١٠mg/Kg	٨, ٥٠٨, ٥٠٩ XS٣٣, XS٢١٠
٠١,٣,٢	Beverage whiteners	٥٠mg/kg	٨, XS٢٥٠ & XS٢٥٢
٠١,٤,٤	Cream analogues	١٠٠mg/kg	٨
٠١,٥,٢	Milk and cream powder analogues	١٠٠mg/kg	٨ & XS٢٥١
٠١,٦,٢,٢	Rind of ripened cheese	١٠٠mg/kg	٨
٠١,٦,٢,٣	Cheese powder (for reconstitution; e.g. for cheese sauces)	٥٠mg/kg	٨
٠١,٦,٤,١	Plain processed cheese	٦٠mg/kg	٨, ١٤٥
٠١,٦,٤,٢	Flavoured processed cheese, including containing fruit, vegetables, meat, etc	١٥mg/kg	٨, ٢٣٩
٠١,٦,٥	Cheese analogues	١٠٠mg/kg	٨
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	١٠٠mg/kg	٨ & ١٤٦
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	١٠٠mg/kg	٨ & ٢٤٠
٠٢,١,٢	Vegetable oils and fats	١٠mg/kg	٨, ٥٠٨, ٥٠٩, XS٣٣, XS٢١٠ & XS٣٢٠R
٠٢,١,٣	Tallow, fish oil, and other animal fats	١٠mg/kg	٨, ٥١٢,

FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,٢,١	Butter	٢٠mg/kg	XS٢٢٩
٠٢,٢,٢	Fat spreads, dairy fat spreads and blended spreads	١٠٠mg/kg	٨ & ٢١٥
٠٢,٣	Fat emulsions mainly of type oil-in-water, including mixed	٢٥mg/kg	٨
٠٢,٤	and/or flavoured products based on fat emulsions Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٥mg/kg	٨
٠٣,٠	Edible ices, including sherbet and sorbet	٢٠mg/kg	٨
٠٥,١,٣	Cocoa-based spreads, including fillings	٥٠mg/kg	٨ & XS٨٦
٠٥,١,٤	Cocoa and chocolate products	٥٠mg/kg	٨ & ١٨٣
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٥٠mg/kg	٨
١٢,٦,٢	Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)	١٠mg/kg	٨ & ٥٧٦
١٣,٦	Food supplements	٢٠٠mg/kg	٨ & ٥٣٩
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or electrolyte" drinks and particulated drinks	٣٠mg/kg	٨ & ١٢٧

ANNATTO EXTRACTS, NORBIXIN-BASED

INS ١٦٠b(ii)	Annatto extracts, norbixin-based	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	٢٥mg/kg	١٨٥, ٤٨٥, XS٢٦٢ & XS٢٧٣
٠١,٦,٢,٢	Rind of ripened cheese	٢٠mg/kg	١٨٥, ١٠٩
٠١,٦,٢,٣	Cheese powder (for reconstitution; e.g. for cheese sauces)	٥٠mg/kg	١٨٥
٠١,٦,٤,١	Plain processed cheese	٧٠mg/kg	١٨٥
٠١,٦,٤,٢	Flavoured processed cheese, including containing fruit, vegetables, meat, etc.	٧٠mg/kg	١٨٥
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	٢٠mg/kg	١٨٥
٠٢,٣	Fat emulsions mainly of type oil-in-water, including mixed	١٠mg/kg	١٨٥
٠٢,٤	and/or flavoured products based on fat emulsions Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٠mg/kg	١٨٥
٠٣,٠	Edible ices, including sherbet and sorbet	٢٠mg/kg	١٨٥
٠٥,١,٣	Cocoa-based spreads, including fillings	٣٠mg/kg	١٨٥ & XS٨٦
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٢٥mg/kg	١٨٥
١٣,٦	Food supplements	١٠٠mg/kg	١٨٥ & ٥٣٩

ASCORBIC ACID, L-

INS ٣٠٠	Ascorbic acid, L-	Functional Class: Acidity regulator, Antioxidant, Flour treatment agent, Sequestrant
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٥ & XS٢٩٠
٠٢,١,٣	Tallow, fish oil, and other animal fats	GMP	XS١٩, XS٢١١
٠٤,٢,١,١	Untreated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes [(including soybeans)], and aloe vera), seaweeds, and nuts and seeds	٥٠٠ mg/kg	٢٦٢ & XS٤٠R

ASCORBYL ESTERS

INS ٣٠٤	Ascorbyl palmitate	Functional Class: Antioxidant
INS ٣٠٥	Ascorbyl stearate	Functional Class: Antioxidant

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	٨٠ mg/kg	١٠, XS٢٥٠ & XS٢٥٢
٠١,٦,١	Unripened cheese	٥٠٠ mg/kg	١٠, XS٢٢١, XS٢٧٣
٠١,٦,٢,١	Ripened cheese, includes rind	٥٠٠ mg/kg	١٠, ١١٢, XS٢٠٨, XS٢٦٣, XS٢٦٤, XS٢٦٥, XS٢٦٦, XS٢٦٧, XS٢٦٨, XS٢٦٩, XS٢٧٠, XS٢٧١, XS٢٧٢, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨, XS٢٨٣
٠٢,١,٢	Vegetable oils and fats	٥٠٠ mg/kg	١٠, ٥١١, XS٣٣ & XS٣٥R
١٢,٢	Herbs, spices, seasonings and condiments (e.g. seasoning for instant noodles)	٥٠٠ mg/kg	١٠, XS٣٢٦, XS٣٢, XS٣٢٨
١٣,٣	Dietetic foods intended for special medical purposes (excluding products of food category ١٣,١)	١٠ mg/kg	١٨٧ & ٥٦٠
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	١٠٠٠ mg/kg	١٠ & ١٥

ASPARTAME

INS ٩٥١	Aspartame	Functional Class: Flavour enhancer, Sweetener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	٦٠٠٠ mg/kg	١٩١, ٢٠١, ٤٧٨, XS٢٥٠, XS٢٥٢

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٤,٤	Cream analogues	١٠٠٠ mg/kg	١٩١, ٤٧٨ & ٦٨
٠١,٥,٢	Milk and cream powder analogues	٢٠٠٠ mg/kg	١٩١, ٤٧٨, XS٢٥١ & ٤٠٨
٠١,٦,١	Unripened cheese	١٠٠٠ mg/kg	٢٠١, ٤٧٨, XS٢٢١, XS٢٦٢, XS٢٧٣ & XS٢٧٥
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٠٠٠ mg/kg	١٩١ & ٤٧٨
٠٤,١,٢,١	Frozen fruit	٢٠٠٠ mg/kg	١٩١, ٤٧٨, & ٣٥٨
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	١٠٠٠ mg/kg	١٩١, ٤٧٨ XS٣١٩
٠٤,١,٢,٧	Candied fruit	٢٠٠٠ mg/kg	١٩١ & ٤٧٨
٠٤,١,٢,١١	Fruit fillings for pastries	١٠٠٠ mg/kg	١٩١ & ٤٧٨
٠٤,٢,٢,٢	Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	١٠٠٠ mg/kg	١٤٤ & ٣٤٨
٠٤,٢,٢,٤	Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	١٠٠٠ mg/kg	١٩١ & ٤٧٨
٠٤,٢,٢,٥	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter)	١٠٠٠ mg/kg	١٩١ & ٤٧٨
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	١٠٠٠ mg/kg	١٩١ & ٤٧٨
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	٢٥٠٠ mg/kg	١٤٤, ١٩١ & XS٢٩٤
٠٤,٢,٢,٨	Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	١٠٠٠ mg/kg	١٤٤, ٤٧٨ & ٣٤٥
٠٥,١,٢	Cocoa mixes (syrups)	١٠٠٠ mg/kg	٩٧, ١٩١ & ٤٧٨
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٣٠٠٠ mg/kg	١٩١ & ٤٧٨
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	١٠٠٠ mg/kg	١٩١ & ٤٧٨
١٢,٣	Vinegars	٣٠٠٠ mg/kg	١٩١, ٤٧٨ & ٢٧٧
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٣٥٠ mg/kg	١٦٦, ١٩١ & ٤٧٨
١٤,١,٣,٢	Vegetable nectar	٦٠٠ mg/kg	١٩١ & ٤٧٨
١٤,١,٣,٣	Concentrates for fruit nectar	٦٠٠ mg/kg	١٢٧, ١٩١, ٤٧٨

FoodCatNo	FoodCategory	MaxLevel	Note
١٤,١,٣,٤	Concentrates for vegetable nectar	٦٠٠ mg/kg	١٢٧, ١٩١, ٤٧٨

ASPARTAME-ACESULFAME SALT

INS ٩٦٢	Aspartame-acesulfame salt	Functional Class: Sweetener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	٢٠٠٠mg/kg	١١٣, ٢٠١, ٤٧٧, XS٢٥٠, XS٢٥٢
٠١,٤,٤	Cream analogues	١٠٠٠mg/kg	٦٨, ١١٩, ٤٧٧
٠١,٥,٢	Milk and cream powder analogues	١٠٠٠mg/kg	١١٣, ٤٧٧, XS٢٥١, ٤٠٨
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	٣٥٠ mg/kg	١١٣ & ٤٧٧
٠٣,٠	Edible ices, including sherbet and sorbet	١٠٠٠mg/kg	١١٩ & ٤٧٧
٠٤,١,٢,١	Frozen fruit	٥٠٠mg/kg	١١٣, ٤٧٧, ٣٥٨
٠٤,١,٢,٣	Fruit in vinegar, oil, or brine	٢٠٠mg/kg	١١٣, ١٤٤, ٤٧٧
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	٣٥٠ mg/kg	١١٣, ٤٧٧ & XS٣١٩
٠٤,١,٢,٦	Fruit-based spreads (e.g. chutney) excluding products of food category ٠٤,١,٢,٥	١٠٠٠mg/kg	١١٩, ٤٧٧ & XS١٦٠
٠٤,١,٢,٧	Candied fruit	٥٠٠mg/kg	١١٣, ١٤٤, ٤٧٧
٠٤,١,٢,١٠	Fermented fruit products	٣٥٠mg/kg	١١٣ & ٤٧٧
٠٤,١,٢,١١	Fruit fillings for pastries	٣٥٠mg/kg	١١٣ & ٤٧٧
٠٤,١,٢,١٢	Cooked fruit	٥٠٠mg/kg	١١٣ & ٤٧٧
٠٤,٢,٢,٣	Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds in vinegar, oil, brine, or soybean sauce	٢٠٠ mg/kg	١١٣ & ٤٧٧
٠٤,٢,٢,٥	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter)	١٠٠٠mg/kg	١١٩, ٤٧٧
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	٣٥٠ mg/kg	١١٣ & ٤٧٧
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	١٠٠٠mg/kg	١١٣, ١٤٤
٠٥,١,١	Cocoa mixes (powders) and cocoa mass/cake	٣٥٠ mg/kg	٩٧, ١١٣, XS١٤١
٠٥,١,٢	Cocoa mixes (syrops)	٣٥٠ mg/kg	٩٧, ١١٣, ٤٧٧
٠٥,١,٣	Cocoa-based spreads, including fillings	١٠٠٠mg/kg	١١٣, ٤٧٧ & XS٨٦
٠٥,١,٤	Cocoa and chocolate products	٥٠٠mg/kg	١١٣ & ٤٧٧
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٥٠٠ mg/kg	١١٣ & ٤٧٧
٠٥,٢,١	Hard candy	٥٠٠ mg/kg	١١٣, ١٥٦, ٤٧٧

FoodCatNo	FoodCategory	MaxLevel	Note
٠٥,٢,٢	Soft candy	١٠٠٠mg/kg	١١٣, ١٥٧, XS٣٠٩R
٠٥,٢,٣	Nougats and marzipans	١٠٠٠mg/kg	١١٤, ٤٧٧
٠٥,٣	Chewing gum	٥٠٠٠mg/kg	١١٣ & ٤٧٧
٠٥,٤	Decorations (e.g. for fine bakery wares), toppings (non-fruit) and sweet sauces	٥٠٠mg/kg	١١٣ & ٤٧٧
٠٦,٣	Breakfast cereals, including rolled oats	١٠٠٠mg/kg	١١٩, ٤٧٧
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	٣٥٠mg/kg	١١٣ & ٤٧٧
٠٩,٢	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	٢٠٠ mg/kg	١١٣, ١٤٤, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٦٦, XS١٦٧, XS١٨٩, XS١٩٠, XS١٩١, XS٢٢٢, XS٢٣٦, XS٢٤٤, XS٢٩٢, XS٣١١, XS٣١٢ & XS٣١٥
١٠,٤	Egg-based desserts (e.g. custard)	٣٥٠mg/kg	١١٣ & ٤٧٧
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	١٠٠٠mg/kg	١١٣, ١٥٩, ٤٧٧
١١,٦	Table-top sweeteners, including those containing high- intensity sweeteners	GMP	
١٢,٢,٢	Seasonings and condiments	٢٠٠٠mg/kg	١١٩, ٤٧٧
١٢,٣	Vinegars	٢٠٠٠mg/kg	١١٣, ٢٧٧, ٤٧٧
١٢,٤	Mustards	٣٥٠mg/kg	١١٩ & ٤٧٨
١٢,٥	Soups and broths	١١٠mg/kg	١١٣, ١٣٨, ٤٧٧ & XS١١٧
١٢,٦	Sauces and like products	٣٥٠mg/kg	١١٩, ٤٧٧
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٣٥٠mg/kg	١١٩, ١٦٦, ٤٧٧
١٤,١,٣,١	Fruit nectar	٣٥٠mg/kg	١١٣, ٤٧٧
١٤,١,٣,٢	Vegetable nectar	٣٥٠mg/kg	١١٣, ٤٧٧
١٤,١,٣,٣	Concentrates for fruit nectar	٣٥٠mg/kg	١١٣, ١٢٧, ٤٧٧
١٤,١,٣,٤	Concentrates for vegetable nectar	٣٥٠mg/kg	١١٣, ١٢٧, ٤٧٧
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	٦٠٠mg/kg	١١٩ & ٤٧٧
١٤,١,٥	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa	٦٠٠mg/kg	١١٩, ١٦٠ & ٤٧٧
١٥,٠	Ready-to-eat savouries	٥٠٠mg/kg	١١٩ & ١٤٤

AZORUBINE (CARMOISINE)

INS ١٢٢	Azorubine (Carmoisine)	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	١٥٠ mg/kg	٣, ٢٠١, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠١,٦,٤,٢	Flavoured processed cheese, including containing fruit, vegetables, meat, etc.	١٠ mg/kg	
٠١,٦,٥	Cheese analogues	١٠٠ mg/kg	٣
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	١٥٠ mg/kg	
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٥٠ mg/kg	
٠٣,٠	Edible ices, including sherbet and sorbet	٥٠ mg/kg	
١٣,٦	Food supplements	٣٠٠ mg/kg	٥٣٩ & ٥٣٣
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	٩٥ mg/kg	١٢٧

BRILLIANT BLACK (BLACK PN)

INS ١٥١	Brilliant black (Black PN)	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	١٥٠ mg/kg	٣, ٢٠١, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠١,٦,٥	Cheese analogues	١٠٠ mg/kg	٣
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	١٥٠ mg/kg	
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٥٠ mg/kg	
٠٣,٠	Edible ices, including sherbet and sorbet	١٠٠ mg/kg	
١٣,٦	Food supplements	٥٣٠ mg/kg	٥٣٩
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	١٠ mg/kg	١٢٧

BROWN HT

INS ١٥٥	Brown HT	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	١٥٠ mg/kg	٣, ٢٠١, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	١٥٠ mg/kg	
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٥٠ mg/kg	
١٢,٦,٢	Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)	٥٠ mg/kg	٥٧٦
١٣,٦	Food supplements	٣٠٠ mg/kg	٥٣٩

BUTYLATED HYDROXYANISOLE

INS ٣٢٠	Butylated hydroxyanisole (BHA)	Functional Class: Antioxidant	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	١٠٠ mg/kg	١٥, ١٩٥, XS٢٥٠ & XS٢٥٢
٠١,٥,٢	Milk and cream powder analogues	١٠٠ mg/kg	١٥ & ٤٨١
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	١٧٥ mg/kg	١٥, ١٣٣, ١٧١, ٥١٤
٠٢,١,٢	Vegetable oils and fats	٢٠٠ mg/kg	١٥, ١٣٠, ٥١١, ٥١٥, XS٣٣ & XS٣٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	٢٠٠ mg/kg	١٥, ١٣٠ & ٥١٦
١٢,٢	Herbs, spices, seasonings and condiments (e.g. seasoning for instant noodles)	٢٠٠ mg/kg	١٥, ١٣٠, XS٣٢٦, XS٣٢٧, XS٣٢٨

BUTYLATED HYDROXYTOLUENE

INS ٣٢١	Butylated hydroxytoluene (BHT)	Functional Class: Antioxidant	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	١٠٠ mg/kg	١٥, ١٩٥, XS٢٥٠ & XS٢٥٢
٠١,٥,٢	Milk and cream powder analogues	١٠٠ mg/kg	١٥ & ٤٨١
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	٧٥ mg/kg	١٥, ١٣٣,

FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	٢٠٠ mg/kg	١٧١, ٥١٤ ١٥, ١٣٠, ٥١١, ٥١٥, XS٣٣ & XS٣٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	٢٠٠ mg/kg	١٥, ١٣٠, ٥١٦
١٢,٢	Herbs, spices, seasonings and condiments (e.g. seasoning for instant noodles)	٢٠٠ mg/kg	١٥, ١٣٠, XS٣٢٦, XS٣٢٧, XS٣٢٨

CALCIUM ALGINATE

INS ٤٠٤	Calcium alginate	Functional Class: Antifoaming agent, Bulking agent, Carrier, Foaming agent, Gelling agent, Glazing agent, Humectant, Sequestrant, Stabilizer, Thickener	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤

CALCIUM CARBONATE

INS ١٧٠(i)	Calcium carbonate	Functional Class: Acidity regulator, Anticaking agent, Firming agent, Flour treatment agent, Stabilizer	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٤, ٥٤٩ & ٥٥٠
١٢,٢,١	Herbs and spices	GMP	٥٣٤

CALCIUM CHLORIDE

INS ٥٠٩	Calcium chloride	Functional Class: Firming agent, Stabilizer, Thickener	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٤,١	Pasteurized cream (plain)	GMP	٢٣٦

CALCIUM PROPIONATE

INS ٢٨٢	Calcium propionate	Functional Class: Preservative	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,٢,١	Ripened cheese, includes rind	GMP	٣, ٤٦٠, ٥٠٣, XS٢٠٨,

FoodCatNo	FoodCategory	MaxLevel	Note
			XS٢٦٩, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨

CALCIUM SILICATE

INS ٥٥٢	Calcium silicate	Functional Class: Anticaking agent	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٤ & ٥٤٩
٠١,٦,١	Unripened cheese	GMP	٤٨٨, ٥٦٣, XS٢٧٣, XS٢٧٥
٠١,٦,٢,١	Ripened cheese, includes rind	GMP	٤٥٩, ٤٦١, ٥٠٢, XS٢٠٨, XS٢٧٤, XS٢٧٦, XS٢٧٧
١٢,٢,١	Herbs and spices	GMP	٥٣٤

CARAMEL I – PLAIN CARAMEL

INS ١٥٠a	Caramel I – plain caramel	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
١٤,١,٥	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa	GMP	١٦٠ & ٢٠١

CARAMEL II – SULFITE CARAMEL

INS ١٥٠b	Caramel II – sulfite caramel	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	١٥٠٠٠mg/kg	٢٠١, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠١,٦,٢,٢	Rind of ripened cheese	٥٠٠٠٠mg/kg	
٠١,٦,٢,٣	Cheese powder (for reconstitution; e.g. for cheese sauces)	٥٠٠٠٠mg/kg	
٠١,٦,٤,٢	Flavoured processed cheese, including containing fruit, vegetables, meat, etc.	٥٠٠٠٠mg/kg	٧٢
٠١,٦,٥	Cheese analogues	٥٠٠٠٠mg/kg	

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	٢٠٠٠ mg/kg	٤٠٠ & ٢٠٩
٠٢,٢,٢	Fat spreads, dairy fat spreads and blended spreads	٥٠٠ mg/kg	٥٢٨
٠٢,٣	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	٢٠٠٠ mg/kg	
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	٢٠٠٠ mg/kg	
٠٥,١,٣	Cocoa-based spreads, including fillings	٥٠٠٠ mg/kg	XS٨٦
٠٥,١,٤	Cocoa and chocolate products	٥٠٠٠ mg/kg	١٨٣
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٥٠٠٠ mg/kg	
١٤,٢	malt beverages	٥٠٠٠ mg/kg	
١٣,٦	Food supplements	٧٥٠٠ mg/kg	

CARAMEL III – AMMONIA CARAMEL

INS ١٥٠ c	Caramel III – ammonia caramel	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	١٠٠٠ mg/kg	XS٢٥٠ & XS٢٥٢
٠١,٥,٢	Milk and cream powder analogues	٥٠٠٠ mg/kg	XS٢٥١
٠١,٦,١	Unripened cheese	١٥٠٠٠ mg/kg	٢٠١, XS٢٢١, XS٢٧٣, XS٢٦٢ & XS٢٧٥
١٤,٢	malt beverages	٥٠٠٠ mg/kg	

CARAMEL IV – SULFITE AMMONIA CARAMEL

INS ١٥٠ d	Caramel IV – sulfite ammonia caramel	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	١٠٠٠ mg/kg	XS٢٥٠ & XS٢٥٢
٠١,٥,٢	Milk and cream powder analogues	٥٠٠٠ mg/kg	XS٢٥١
٠١,٦,٢,١	Ripened cheese, includes rind	٥٠٠٠ mg/kg	٢٠١, XS٢٠٨, XS٢٦٣, XS٢٦٤, XS٢٦٥, XS٢٦٦, XS٢٦٧, XS٢٦٨, XS٢٦٩, XS٢٧٠, XS٢٧١, XS٢٧٢, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨
١٤,٢	malt beverages	٥٠٠٠ mg/kg	

CARBON DIOXIDE

INS ٢٩٠	Carbon dioxide	Functional Class: Carbonating agent, Foaming agent, Packaging gas, Preservative, Propellant
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FoodCatNo	FoodCategory	MaxLevel	Note
١٣, ١, ٢	Follow-up formulae	GMP	٥٩

CARMINES

INS ١٢٠	Carmines	Functional Class: Colour
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١, ٦, ٢, ١	Ripened cheese, includes rind	١٢٥ mg/kg	١٧٨, ٥٠٥, XS٢٠٨, XS٢٦٣, XS٢٦٤, XS٢٦٥, XS٢٦٦, XS٢٦٧, XS٢٦٨, XS٢٦٩, XS٢٧٠, XS٢٧١, XS٢٧٢, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨
٠٢, ٣	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	١٥٠ mg/kg	١٧٨
١٤, ٢	malt beverages	١٠٠ mg/kg	١٧٨

CAROTENAL, BETA-APO- β - (١٦٠ e)

INS ١٦٠ e	Carotenal, beta-apo- β -	Functional Class: Colour
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١, ١, ٤	Flavoured fluid milk drinks	١٠ mg/kg	٥٢
٠١, ٦, ١	Unripened cheese	١ mg/kg	٢٩١, ٤٧٣, XS٢٦٢, XS٢٧٣
٠١, ٦, ٢, ١	Ripened cheese, includes rind	١٢ mg/kg	٤٥٨, ٣٠١, XS٢٠٨, XS٢٧٨
٠١, ٦, ٢, ٢	Rind of ripened cheese	٥٠ mg/kg	
٠١, ٦, ٢, ٣	Cheese powder (for reconstitution; e.g. for cheese sauces)	١٥ mg/kg	
٠١, ٦, ٤	Processed cheese	١٨ mg/kg	
٠٣, ٠	Edible ices, including sherbet and sorbet	٢٠ mg/kg	
٠٤, ١, ٢, ٧	Candied fruit	٢ mg/kg	
٠٥, ١, ٣	Cocoa-based spreads, including fillings	١٠ mg/kg	XS٨٦
٠٥, ١, ٤	Cocoa and chocolate products	١٠ mg/kg	١٨٣, ٤٠١
٠٥, ٢	Confectionery including hard and soft candy,	٥٠ mg/kg	XS٣٠٩R

FoodCatNo	FoodCategory	MaxLevel	Note
	nougats, etc. other than food categories ٠٥,١, ٠٥,٣ and ٠٥,٤		
٠٥,٣	Chewing gum	٢٥ mg/kg	
٠٥,٤	Decorations (e.g. for fine bakery wares), toppings (non-fruit) and sweet sauces	١١ mg/kg	
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	١١ mg/kg	
٠٧,١,٢	Crackers, excluding sweet crackers	١٥mg/kg	
٠٧,١,٤	Bread-type products, including bread stuffing and bread crumbs	١٥ mg/kg	١١٦
٠٧,١,٥	Steamed breads and buns	١٥ mg/kg	
٠٧,٢	Fine bakery wares (sweet, salty, savoury) and mixes	٢٠ mg/kg	
٠٨,٤	Edible casings (e.g. sausage casings)	١٠٠ mg/kg	٣٠٤
٠٩,٢	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	١٠٠ mg/kg	٣٣٦, ٤٣٩, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٦٧, XS١٨٩, XS١٩٠, XS١٩١, XS٢٢٢, XS٢٣٦, XS٢٤٤, XS٢٩٢, XS٣١١, XS٣١٢ & XS٣١٥
٠٩,٣	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	٢٠mg/kg	٩٥ & XS٢٩١
٠٩,٤	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	٢٠ mg/kg	٩٥, XS٣, XS٣٧, XS٧٠, XS٩٠, XS٩٤ & XS١١٩
١٠,٤	Egg-based desserts (e.g. custard)	١١ mg/kg	
١٢,٢,٢	Seasonings and condiments	٥٠ mg/kg	
١٢,٥	Soups and broths	١٥ mg/kg	٤٤٨
١٢,٦	Sauces and like products	٨٠ mg/kg	XS٣٠٢
١٣,٦	Food supplements	٢١٠ mg/kg	
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	١٠ mg/kg	١٢٧
١٥,١	Snacks – potato, cereal, flour or starch based (from roots and tubers, pulses and legumes)	٣٠ mg/kg	

CAROTENES, BETA-

INS ١٦٠a(i)	beta-Carotenes, synthetic	Functional Class: Colour
INS ١٦٠a(iii)	beta-Carotenes, Blakeslea trispora	Functional Class: Colour
INS ١٦٠a(iv)	β-Carotene-rich extract from Dunaliella Salina	Functional Class: Colour

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,١,٤	Flavoured fluid milk drinks	٢٠ mg/kg	٥٢, ٣٤١, ٣٤٤
٠١,٣,٢	Beverage whiteners	١٠ mg/kg	٣٤١, ٣٤٤, XS٢٥٠ & XS٢٥٢
٠١,٤,٤	Cream analogues	٢٠ mg/kg	٣٤١ & ٣٤٤
٠١,٥,٢	Milk and cream powder analogues	٦ mg/kg	٣٤١, ٣٤٤, XS٢٥١
٠١,٦,١	Unripened cheese	٣ mg/kg	٣٤١, ٣٤٤, ٤٦٢, ٤٧٣, XS٢٦٢,
٠١,٦,٢,١	Ripened cheese, includes rind	٢٥ mg/kg	XS٢٠٨, XS٢٧٨, ٣٤١, ٣٤٤, ٤٥٨
٠١,٦,٢,٢	Rind of ripened cheese	١٠٠ mg/kg	٣٤١ & ٣٤٤
٠١,٦,٢,٣	Cheese powder (for reconstitution; e.g. for cheese sauces)	٢٠ mg/kg	٣٨١, ٣٤١, ٣٤٤
٠١,٦,٤	Processed cheese	٢٥ mg/kg	١٤٥, ٣٤١, ٣٤٤
٠١,٦,٥	Cheese analogues	٢٥ mg/kg	٣٤١, ٣٤٤, ٣٧٨
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	٢٠ mg/kg	٣٤١, ٣٤٤
٠٢,١,٢	Vegetable oils and fats	٢٥ mg/kg	٥٠٨, ٥٠٩, XS٣٣, XS٢١٠, XS٣٢٥R, ٣٤١, ٣٤٤
٠٢,١,٣	Tallow, fish oil, and other animal fats	١٠ mg/kg	٥١٨, XS٣٢٩, ٣٤١, ٣٤٤
٠٢,٢,١	Butter	١٢ mg/kg	٣٤١, ٣٤٤
٠٢,٢,٢	Fat spreads, dairy fat spreads and blended spreads	٣٥ mg/kg	٣٤١, ٣٤٤
٠٢,٣	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	١٠ mg/kg	٣٤١, ٣٤٤
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٥ mg/kg	٣٤١, ٣٤٤
٠٣,٠	Edible ices, including sherbet and sorbet	٧٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,٣	Fruit in vinegar, oil, or brine	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	٥٠ mg/kg	١٠٤, ٣٤١, ٣٤٤
٠٤,١,٢,٥	Jams, jellies, marmelades	١٥ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,٦	Fruit-based spreads (e.g. chutney) excluding products of food category ٠٤,١,٢,٥	١٠ mg/kg	XS١٦٠, ٣٤١, ٣٤٤
٠٤,١,٢,٧	Candied fruit	٣٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,٨	Fruit preparations, including pulp, purees, fruit toppings and coconut milk	١٨ mg/kg	٣٤١, ٣٤٤, XS٢٤٠
٠٤,١,٢,٩	Fruit-based desserts, including fruit-flavoured water-based desserts	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,١٠	Fermented fruit products	١٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,١١	Fruit fillings for pastries	١٠ mg/kg	٣٤١, ٣٤٤
٠٤,٢,١,٢	Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	٥٠ mg/kg	٤, ١٦, ٣٤١
٠٤,٢,٢,٢	Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,٢,٢,٣	Vegetables (including mushrooms and fungi,	٥ mg/kg	٣٤١, ٣٤٤

FoodCatNo	FoodCategory	MaxLevel	Note
	roots and tubers, pulses and legumes, and aloe vera), and seaweeds in vinegar, oil, brine, or soybean sauce		
٠٤,٢,٢,٤	Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,٢,٢,٥	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter)	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	٥٠ mg/kg	٩٢, ٣٤١, ٣٤٤
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	٥ mg/kg	٣٤١, ٣٤٤, XS٣٨, XS١٥١, XS٢٢٣, XS٢٩٤
٠٥,١,٣	Cocoa-based spreads, including fillings	٣ mg/kg	XS٨٦, ٣٤١, ٣٤٤
٠٥,١,٤	Cocoa and chocolate products	١٠٠ mg/kg	١٨٣, ٣٤١, ٣٤٤
٠٥,١,٥	Imitation chocolate, chocolate substitute products	١٠٠ mg/kg	٣٤١, ٣٤٤
٠٥,٢	Confectionery including hard and soft candy, nougats, etc. other than food categories ٠٥,١, ٠٥,٣ and ٠٥,٤	١٠٠ mg/kg	XS٣٠٩R, ٣٤١, ٣٤٤
٠٥,٣	Chewing gum	١٠٠ mg/kg	٣٤١, ٣٤٤
٠٥,٤	Decorations (e.g. for fine bakery wares), toppings (non-fruit) and sweet sauces	١٠٠ mg/kg	٣٤١, ٣٤٤
٠٦,٣	Breakfast cereals, including rolled oats	٢٠٠ mg/kg	٣٤١, ٣٤٤
٠٦,٤,٣	Pre-cooked pastas and noodles and like products	٤٠ mg/kg	١٥٣, ٣٤١, ٣٤٤
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	٥٠ mg/kg	٣٤١, ٣٤٤
٠٦,٦	Batters (e.g. for breading or batters for fish or poultry)	٥٠ mg/kg	٣٤١, ٣٤٤
٠٧,١,٢	Crackers, excluding sweet crackers	٢٠٠ mg/kg	٣٤١, ٣٤٤
٠٧,١,٣	Other ordinary bakery products (e.g. bagels, pita, English muffins)	٦٠ mg/kg	٣٤١, ٣٤٤
٠٧,١,٤	Bread-type products, including bread stuffing and bread crumbs	٣٠ mg/kg	١١٦, ٣٤١, ٣٤٤
٠٧,١,٥	Steamed breads and buns	١ mg/kg	٣٤١, ٣٤٤, ٣٧٩
٠٧,٢	Fine bakery wares (sweet, salty, savoury) and mixes	٤٢ mg/kg	٣٤١, ٣٤٤
٠٨,٣,١	Non-heat treated processed comminuted	٢٠ mg/kg	١٦, ٣٤١,

FoodCatNo	FoodCategory	MaxLevel	Note
	meat, poultry, and game products		٣٤٤
٠٨,٣,٢	Heat-treated processed comminuted meat, poultry, and game products	٢٠ mg/kg	١٦, XS٨٨, XS٨٩, XS٩٨, ٣٤١, ٣٤٤
٠٨,٤	Edible casings (e.g. sausage casings)	٥٠ mg/kg	٣٠٤, ٣٤١, ٣٤٤
٠٩,٢	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	١٠٠ mg/kg	٣٤١, ٣٤٤, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٦٧, XS١٨٩, XS١٩٠, XS١٩١, XS٢٢٢, XS٢٣٦, XS٢٤٤, XS٢٩٢, XS٣١١, XS٣١٢ & XS٣١٥
٠٩,٣	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	٢٠ mg/kg	٩٥, XS٢٩١, ٣٤١, ٣٤٤
٠٩,٤	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	٢٠ mg/kg	٩٥, XS٣, XS٣٧, XS٧٠, XS٩٠, XS٩٤ & XS١١٩
١٠,٤	Egg-based desserts (e.g. custard)	١٥ mg/kg	٣٤١, ٣٤٤
١٢,٢,٢	Seasonings and condiments	١٠٠ mg/kg	٣٤١, ٣٤٤
١٢,٤	Mustards	٥ mg/kg	٣٤١, ٣٤٤
١٢,٥	Soups and broths	١٠ mg/kg	٤٤٨, ٣٤١, ٣٤٤
١٢,٦	Sauces and like products	٨٠ mg/kg	XS٣٠٢, ٣٤١, ٣٤٤
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٢٠ mg/kg	٣٤١, ٣٤٤
١٣,٣	Dietetic foods intended for special medical purposes (excluding products of food category ١٣,١)	٥٠ mg/kg	XS١١٨, ٣٤١, ٣٤٤ & ٥٦٦
١٣,٤	Dietetic formulae for slimming purposes and weight reduction	٨ mg/kg	٣٤١, ٣٤٤
١٣,٥	Dietetic foods (e.g. supplementary foods for dietary use) excluding products of food categories ١٣,١ – ١٣,٤ and ١٣,٦	١٠٠ mg/kg	٣٤١, ٣٤٤
١٣,٦	Food supplements	٢٢٠ mg/kg	٣٤١, ٣٤٤, ٥٣٩
١٤,١,٤	Water-based flavoured drinks, including “sport,” “energy,” or “electrolyte” drinks and particulated drinks	٢٥ mg/kg	٣٤١, ٣٤٤, ١٢٧

FoodCatNo	FoodCategory	MaxLevel	Note
١٥,١	Snacks – potato, cereal, flour or starch based (from roots and tubers, pulses and legumes)	٣٠ mg/kg	٣٤١, ٣٤٤
١٥,٢	Processed nuts, including coated nuts and nut mixtures (with e.g. dried fruit)	٣ mg/kg	٣٤١, ٣٤٤

CAROTENES, BETA-, VEGETABLE

INS ١٦٠a(ii)	beta-Carotenes, vegetable	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,١,٤	Flavoured fluid milk drinks	٢٠ mg/kg	٥٢, ٣٤١, ٣٤٤
٠١,٣,٢	Beverage whiteners	١٠ mg/kg	٣٤١, ٣٤٤, XS٢٥٠ & XS٢٥٢
٠١,٤,٤	Cream analogues	٢٠ mg/kg	٣٤١ & ٣٤٤
٠١,٥,٢	Milk and cream powder analogues	٦ mg/kg	٣٤١, ٣٤٤, XS٢٥١
٠١,٦,١	Unripened cheese	٣ mg/kg	٣٤١, ٣٤٤, ٤٦٢, ٤٧٣, XS٢٦٢, XS٢٧٣
٠١,٦,٢,١	Ripened cheese, includes rind	٢٥ mg/kg	XS٢٠٨, XS٢٧٨, ٣٤١, ٣٤٤, ٤٥٨
٠١,٦,٢,٢	Rind of ripened cheese	١٠٠ mg/kg	٣٤١ & ٣٤٤
٠١,٦,٢,٣	Cheese powder (for reconstitution; e.g. for cheese sauces)	٢٠ mg/kg	٣٨١, ٣٤١, ٣٤٤
٠١,٦,٤	Processed cheese	٢٥ mg/kg	١٤٥, ٣٤١, ٣٤٤
٠١,٦,٥	Cheese analogues	٢٥ mg/kg	٣٤١, ٣٤٤, ٣٧٨
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	٢٠ mg/kg	٣٤١, ٣٤٤
٠٢,١,٢	Vegetable oils and fats	٢٥ mg/kg	٥٠٨, ٥٠٩, XS٣٣, XS٢١٠, XS٣٢٥R, ٣٤١, ٣٤٤
٠٢,١,٣	Tallow, fish oil, and other animal fats	١٠ mg/kg	٥١٨, XS٣٢٩, ٣٤١, ٣٤٤
٠٢,٢,١	Butter	١٢ mg/kg	٣٤١, ٣٤٤
٠٢,٢,٢	Fat spreads, dairy fat spreads and blended spreads	٣٥ mg/kg	٣٤١, ٣٤٤
٠٢,٣	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	١٠ mg/kg	٣٤١, ٣٤٤
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٥ mg/kg	٣٤١, ٣٤٤
٠٣,٠	Edible ices, including sherbet and sorbet	٧٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,٣	Fruit in vinegar, oil, or brine	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	٥٠ mg/kg	١٠٤, ٣٤١, ٣٤٤
٠٤,١,٢,٥	Jams, jellies, marmelades	١٥ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,٦	Fruit-based spreads (e.g. chutney) excluding products of food category ٠٤,١,٢,٥	١٠ mg/kg	XS١٦٠, ٣٤١, ٣٤٤
٠٤,١,٢,٧	Candied fruit	٣٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,٨	Fruit preparations, including pulp, purees, fruit toppings and coconut milk	١٨ mg/kg	٣٤١, ٣٤٤, XS٢٤٠

FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,٢,٩	Fruit-based desserts, including fruit-flavoured water-based desserts	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,١٠	Fermented fruit products	١٠ mg/kg	٣٤١, ٣٤٤
٠٤,١,٢,١١	Fruit fillings for pastries	١٠ mg/kg	٣٤١, ٣٤٤
٠٤,٢,٢,٢	Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,٢,٢,٣	Vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds in vinegar, oil, brine, or soybean sauce	٥ mg/kg	٣٤١, ٣٤٤
٠٤,٢,٢,٤	Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,٢,٢,٥	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter)	٥٠ mg/kg	٣٤١, ٣٤٤
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	٥٠ mg/kg	٩٢, ٣٤١, ٣٤٤
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	٥ mg/kg	٣٤١, ٣٤٤, XS٣٨, XS١٥١, XS٢٢٣, XS٢٩٤
٠٥,١,٣	Cocoa-based spreads, including fillings	٣ mg/kg	XS٨٦, ٣٤١, ٣٤٤
٠٥,١,٤	Cocoa and chocolate products	١٠٠ mg/kg	١٨٣, ٣٤١, ٣٤٤
٠٥,١,٥	Imitation chocolate, chocolate substitute products	١٠٠ mg/kg	٣٤١, ٣٤٤
٠٥,٢	Confectionery including hard and soft candy, nougats, etc. other than food categories ٠٥,١, ٠٥,٣ and ٠٥,٤	١٠٠ mg/kg	XS٣٠٩R, ٣٤١, ٣٤٤
٠٥,٣	Chewing gum	١٠٠ mg/kg	٣٤١, ٣٤٤
٠٥,٤	Decorations (e.g. for fine bakery wares), toppings (non-fruit) and sweet sauces	١٠٠ mg/kg	٣٤١, ٣٤٤
٠٦,٣	Breakfast cereals, including rolled oats	٢٠٠ mg/kg	٣٤١, ٣٤٤
٠٦,٤,٣	Pre-cooked pastas and noodles and like products	٤٠ mg/kg	١٥٣, ٣٤١, ٣٤٤
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	٥٠ mg/kg	٣٤١, ٣٤٤
٠٦,٦	Batters (e.g. for breading or batters for fish or poultry)	٥٠ mg/kg	٣٤١, ٣٤٤
٠٧,١,٢	Crackers, excluding sweet crackers	٢٠٠ mg/kg	٣٤١, ٣٤٤
٠٧,١,٤	Bread-type products, including bread stuffing and bread crumbs	٣٠ mg/kg	١١٦, ٣٤١, ٣٤٤

FoodCatNo	FoodCategory	MaxLevel	Note
٠٧,٢	Fine bakery wares (sweet, salty, savoury) and mixes	٤٢ mg/kg	٣٤١, ٣٤٤
٠٨,٢	Processed meat, poultry, and game products in whole pieces or cuts	٢٠ mg/kg	١٦, XS٩٦, XS٩٧, ٣٤١
٠٨,٣,١	Non-heat treated processed comminuted meat, poultry, and game products	٢٠ mg/kg	١٦, ٣٤١, ٣٤٤
٠٨,٣,٢	Heat-treated processed comminuted meat, poultry, and game products	٢٠ mg/kg	١٦, XS٨٨, XS٨٩, XS٩٨, ٣٤١, ٣٤٤
٠٨,٣,٣	Frozen processed comminuted meat, poultry, and game products	١٥ mg/kg	١٦, ٣٤١
٠٨,٤	Edible casings (e.g. sausage casings)	٥٠ mg/kg	٣٠٤, ٣٤١, ٣٤٤
٠٩,٢	Processed fish and fish products, including mollusks, crustaceans, and echinoderms	١٠٠ mg/kg	٣٣٦, ٤٣٩, ٣٤١, ٣٤٤, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٦٧, XS١٨٩, XS١٩٠, XS١٩١, XS٢٢٢, XS٢٣٦, XS٢٤٤, XS٢٩٢, XS٣١١, XS٣١٢ & XS٣١٥
٠٩,٣	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	٢٠ mg/kg	٩٥, XS٢٩١, ٣٤١, ٣٤٤
٠٩,٤	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	٢٠ mg/kg	٩٥, XS٣, XS٣٧, XS٧٠, XS٩٠, XS٩٤ & XS١١٩, ٣٤١, ٣٤٤
١٠,٢	Egg products	٢٠٠ mg/kg	٣٤١
١٠,٤	Egg-based desserts (e.g. custard)	١٥ mg/kg	٣٤١, ٣٤٤
١٢,٢,٢	Seasonings and condiments	١٠٠ mg/kg	٣٤١, ٣٤٤
١٢,٤	Mustards	٥ mg/kg	٣٤١, ٣٤٤
١٢,٥	Soups and broths	١٠ mg/kg	٤٤٨, ٣٤١, ٣٤٤
١٢,٦	Sauces and like products	٨٠ mg/kg	XS٣٠٢, ٣٤١, ٣٤٤
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٢٠ mg/kg	٣٤١, ٣٤٤
١٣,٣	Dietetic foods intended for special medical purposes (excluding products of food category ١٣,١)	٥٠ mg/kg	XS١١٨, ٣٤١, ٣٤٤ & ٥٦٦
١٣,٤	Dietetic formulae for slimming purposes and weight reduction	٨ mg/kg	٣٤١, ٣٤٤
١٣,٥	Dietetic foods (e.g. supplementary foods for dietary use) excluding products of food categories ١٣,١ – ١٣,٤ and ١٣,٦	١٠٠ mg/kg	٣٤١, ٣٤٤
١٣,٦	Food supplements	٢٢٠ mg/kg	٣٤١, ٣٤٤, ٥٣٩
١٤,١,٤	Water-based flavoured drinks, including “sport,” “energy,” or “electrolyte” drinks and particulated drinks	٢٥ mg/kg	٣٤١, ٣٤٤, ١٢٧

FoodCatNo	FoodCategory	MaxLevel	Note
١٥,١	Snacks – potato, cereal, flour or starch based (from roots and tubers, pulses and legumes)	٣٠ mg/kg	٣٤١, ٣٤٤
١٥,٢	Processed nuts, including coated nuts and nut mixtures (with e.g. dried fruit)	٣٠ mg/kg	٣٤١, ٣٤٤
١٥,٣	Snacks – fish based	٤ mg/kg	٣٤١

CHLOROPHYLLS AND CHLOROPHYLLINS, COPPER COMPLEXES

INS ١٤١(i)	Chlorophylls, copper complexes	Functional Class: Colour
INS ١٤١(ii)	Chlorophyllin copper complexes, potassium and sodium salts	Functional Class: Colour

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	٥٠ mg/kg	٤٨٤, XS٢٧٣, XS٢٧٥ & ٢٣٧
٠١,٦,٢,١	Ripened cheese, includes rind	١٥ mg/kg	٦٢, XS٢٠٨, XS٢٦٣, XS٢٦٤, XS٢٦٥, XS٢٦٦, XS٢٦٧, XS٢٦٨, XS٢٦٩, XS٢٧٠, XS٢٧١, XS٢٧٢, XS٢٧٤, XS٢٧٦, XS٢٧٧

CITRIC ACID

INS ٢٢٠	Citric acid	Functional Class: Acidity regulator, Antioxidant, Colour retention agent, Sequestrant
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	GMP	١٥, ٥١١, XS٣٣ & XS٣٢٥R

CITRIC AND FATTY ACID ESTERS OF GLYCEROL

INS ٤٧٢c	Citric and fatty acid esters of glycerol	Functional Class: Antioxidant, Emulsifier, Flour treatment agent, Sequestrant, Stabilizer
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	١٠٠ mg/kg	٥١١, ٥٢٠, XS٣٣ & XS٣٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	١٠٠ mg/kg	٥٢١
١٣,١,١	Infant formulae	٩٠٠ mg/kg	٣٨٠, ٣٨١ & ٥٥١
١٣,١,٣	Formulae for special medical purposes for	٩٠٠ mg/kg	٣٨٠, ٣٨١ & ٢٥

FoodCatNo	FoodCategory	MaxLevel	Note
	infants		٥٥١
CURCUMIN			
INS ١٠٠(i)	Curcumin	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	GMP	٢٠١, ٤٩٣, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠١,٦,٢,١	Ripened cheese, includes rind	٥٠٠mg/kg	٤٩٨, XS٢٠٨, XS٢٦٣, XS٢٦٤, XS٢٦٥, XS٢٦٦, XS٢٦٧, XS٢٦٨, XS٢٦٩, XS٢٧٠, XS٢٧١, XS٢٧٢, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨
٠١,٦,٢,٢	Rind of ripened cheese	١٠٠mg/kg	
٠١,٦,٢,٣	Cheese powder (for reconstitution; e.g. for cheese sauces)	١٠٠mg/kg	
٠١,٦,٤,١	Plain processed cheese	١٠٠mg/kg	
٠١,٦,٤,٢	Flavoured processed cheese, including containing fruit, vegetables, meat, etc.	١٠٠mg/kg	
٠١,٦,٥	Cheese analogues	١٠٠mg/kg	
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	١٥٠mg/kg	٤٠٢
٠٢,١,٢	Vegetable oils and fats	٥mg/kg	٥٠٨, ٥٠٩, XS٣٣, XS٢١٠, XS٣٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	٥mg/kg	٥١٢, XS٣٢٩
٠٢,٢,٢	Fat spreads, dairy fat spreads and blended spreads	١٠mg/kg	٢١٧ & ٢٣٢
٠٢,٣	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	١٠٠mg/kg	
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٥٠mg/kg	
٠٣,٠	Edible ices, including sherbet and sorbet	١٥٠mg/kg	
٠٥,١,٣	Cocoa-based spreads, including fillings	٣٠٠mg/kg	XS٨٦
٠٥,١,٤	Cocoa and chocolate products	٣٠٠mg/kg	١٨٣
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٣٠٠mg/kg	
١٢,٦,٢	Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)	GMP	٥٧٦
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	٦٠mg/kg	١٢٧

FoodCatNo	FoodCategory	MaxLevel	Note
١٤,٢	malt beverages	٢٠٠ mg/kg	٤٢٥

DIACETYLTARTARIC AND FATTY ACID ESTERS OF GLYCEROL

INS ٤٧٢e	Diacetyltartaric and fatty acid esters of glycerol	Functional Class: Emulsifier, Sequestrant, Stabilizer	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,٢	Milk and cream powder analogues	١٠٠٠٠ mg/kg	XS٢٥١
٠١,٦,١	Unripened cheese	١٠٠٠٠ mg/kg	٤٩٧, XS٢٢١, XS٢٧٣
٠١,٦,٢,١	Ripened cheese, includes rind	١٠٠٠٠ mg/kg	XS٢٠٨, XS٢٦٣, XS٢٦٤, XS٢٦٥, XS٢٦٦, XS٢٦٧, XS٢٦٨, XS٢٦٩, XS٢٧٠, XS٢٧١, XS٢٧٢, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨, XS٢٨٣
٠٢,١,٢	Vegetable oils and fats	١٠٠٠٠ mg/kg	XS١٩, XS٣٣, XS٢١٠ & XS٣٢٥R

ERYTHRITOL

INS ٩٦٨	Erythritol	Functional Class: Flavour enhancer, Humectant, Sweetener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٢,٢	Seasonings and condiments	GMP	٤٧٨
١٤,١,٥	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa	١٦٠٠٠ mg/kg	١٦٠, ٣٨١ & ٤٧٨

ERYTHROSINE

INS ١٢٧	Erythrosine	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,٢,٧	Candied fruit	٢٠٠ mg/kg	٥٤

ETHYLENE DIAMINE TETRA ACETATES

INS ٣٨٥	Calcium disodium ethylenediaminetetraacetate	Functional Class: Antioxidant, Colour retention agent, Preservative, Sequestrant	
INS ٣٨٦	Disodium ethylenediaminetetraacetate	Functional Class: Antioxidant,	

Colour retention agent, Preservative, Sequestrant, Stabilizer			
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FoodCatNo	FoodCategory	MaxLevel	Note
١٤,٢	malt beverages	٢٥ mg/kg	٢١

GUAIAC RESIN

INS ٣١٤	Guaiaac resin	Functional Class: Antioxidant
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	١٠٠٠ mg/kg	XS١٩, XS٣٣, XS٢١٠ & XS٣٢٠R
٠٢,١,٣	Tallow, fish oil, and other animal fats	١٠٠٠ mg/kg	XS١٩, XS٢١١

GUM ARABIC (ACACIA GUM)

INS ٤١٤	Gum Arabic (Acacia gum)	Functional Class: Bulking agent, Carrier, Emulsifier, Glazing agent, Stabilizer, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٣ & ٤٥٤
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	GMP	٥٧١
١٣,١,١	Infant formulae	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
١٣,١,٢	Follow-up formulae	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
١٣,١,٣	Formulae for special medical purposes for infants	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١

HYDROXYPROPYL CELLULOSE

INS ٤٦٣	Hydroxypropyl cellulose	Functional Class: Emulsifier, Foaming agent, Glazing agent, Stabilizer, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤

HYDROXYPROPYL DISTARCH PHOSPHATE

INS ١٤٤٢	Hydroxypropyl distarch phosphate	Functional Class: Anticaking agent, Emulsifier, Stabilizer, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٩ & XS٢٠٧
١٢,٢,١	Herbs and spices	GMP	٥٣٤

HYDROXYPROPYL METHYL CELLULOSE

INS ٤٦٤	Hydroxypropyl methyl cellulose	Functional Class: Bulking agent, Emulsifier, Glazing agent, Stabilizer, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤

INDIGOTINE (INDIGO CARMINE)

INS ١٣٢	Indigotine (Indigo carmine)	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	٢٠٠ mg/kg	٣, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠٢,٣	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	١٠٠ mg/kg	

IRON OXIDES

INS ١٧٢(i)	Iron oxide, black	Functional Class: Colour	
INS ١٧٢(ii)	Iron oxide, red	Functional Class: Colour	
INS ١٧٢(iii)	Iron oxide, yellow	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٥,٣	Chewing gum	٥٠٠٠ mg/kg	

ISOMALT (HYDROGENATED ISOMALTULOSE)

INS ٩٥٣	Isomalt (Hydrogenated Isomaltulose)	Functional Class: Anticaking agent, Bulking agent, Flavour enhancer, Glazing agent, Stabilizer, Sweetener, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٩,٢,٤,١	Cooked fish and fish products	GMP	٣٢٢ & ٤٧٨
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨, ٤٧٨
١٢,٢,٢	Seasonings and condiments	GMP	٤٧٨

LACTIC ACID, L-, D- and DL-

INS ٢٧٠	Lactic acid, L-, D- and DL-	Functional Class: Acidity regulator	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٩,٢,٥	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	٣٨٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦ & XS٢٤٤

LACTITOL

INS ٩٦٦	Lactitol	Functional Class: Emulsifier, Sweetener, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨, ٤٧٧
١٢,٢,٢	Seasonings and condiments	GMP	٤٧٧

LAURIC ARGINATE ETHYL ESTER

INS ٢٤٣	Lauric arginate ethyl ester	Functional Class: Preservative	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	٢٠٠ mg/kg	XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠١,٦,٢,١	Ripened cheese, includes rind	٢٠٠ mg/kg	XS٢٧٤, XS٢٧٦, XS٢٧٧
٠٩,٢,٥	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	٢٠٠ mg/kg	٣٣٣, XS١٨٩, XS٢٢٢ & XS٢٣٦

LECITHIN

INS ٣٢٢(i)	Lecithin	Functional Class: Antioxidant, Emulsifier	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	GMP	٥٠٧
٠٢,١,٢	Vegetable oils and fats	GMP	٥١١, ٥١٩, XS٣٣ & XS٣٢٥R
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤
٠٤,٢,١,٢	Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	GMP	٤٥٥ & ٤٥٦

MAGNESIUM CARBONATE

INS ٥٠٤(i)	Magnesium carbonate	Functional Class: Acidity regulator, Anticaking agent, Colour retention agent	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٤, ٥٤٩ & ٥٥٠
٠٦,٢,١	Flours	١٥٠٠ mg/kg	
١٢,٢,١	Herbs and spices	GMP	٥٣٤

MAGNESIUM HYDROXIDE CARBONATE

INS ٥٠٤(ii)	Magnesium hydroxide carbonate	Functional Class: Acidity regulator, Anticaking agent, Carrier, Colour retention agent	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٥٠
١٢,٢,١	Herbs and spices	GMP	٥٣٤

MAGNESIUM OXIDE

INS ٥٣٠	Magnesium oxide	Functional Class: Acidity regulator, Anticaking agent	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٤ & ٥٤٩
١٢,٢,١	Herbs and spices	GMP	٥٣٤

MAGNESIUM SILICATE, SYNTHETIC

INS ٥٥٣(i)	Magnesium silicate, synthetic	Functional Class: Anticaking agent	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٤ & ٥٤٩
٠١,٦,١	Unripened cheese	GMP	٤٨٨, ٥٦٣, XS٢٧٣, XS٢٧٥
٠١,٦,٢,١	Ripened cheese, includes rind	GMP	٤٥٩, ٤٦١, ٥٠٢, XS٢٠٨, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨
١٢,٢,١	Herbs and spices	GMP	٥٣٤

MALTITOL

INS ٩٦٥(i)	Maltitol	Functional Class: Bulking agent, Emulsifier, Humectant, Stabilizer, Sweetener, Thickener	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٩,٢,٥	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	٤٨٩
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨, ٤٧٧
١٢,٢,٢	Seasonings and condiments	GMP	٤٧٧
١٤,١,٥	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa	GMP	١٦٠ & ٤٧٧

MALTITOL SYRUP

INS ٩٦٥(ii)	Maltitol syrup	Functional Class: Bulking agent, Emulsifier, Humectant, Stabilizer, Sweetener, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٩,٢,٥	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	٤٨٩
١٠,٢,٢	Frozen egg products	GMP	٤٩٠
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨, ٤٧٧
١٢,٢,٢	Seasonings and condiments	GMP	٤٧٧
١٤,١,٥	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa	GMP	١٦٠ & ٤٧٧

MANNITOL

INS ٤٢١	Mannitol	Functional Class: Anticaking agent, Bulking agent, Humectant, Stabilizer, Sweetener, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٢,١	Herbs and spices	GMP	٥٣٤
١٣,١,١	Infant formulae	١٠mg/kg	٣٨١, ٥٨٩ & ٥٥١
١٣,١,٢	Follow-up formulae	١٠mg/kg	٣٨١, ٥٨٩ & ٥٥١
١٣,١,٣	Formulae for special medical purposes for infants	١٠mg/kg	٣٨١, ٥٨٩ & ٥٥١
١٣,٢	Complementary foods for infants and young children	١٠mg/kg	٥٩٢ & XS٧٣

METHACRYLATE COPOLYMER, BASIC (BMC)

INS ١٢٠٥	Methacrylate copolymer, basic (BMC)	Functional Class: Carrier, Glazing agent	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٦,٢,١	Flours	GMP	

١٢,١,١	Salt	GMP
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MICROCRYSTALLINE CELLULOSE (CELLULOSE GEL)

INS ٤٦٠(i)	Microcrystalline cellulose (Cellulose gel)	Functional Class: Anticaking agent, Bulking agent, Carrier, Emulsifier, Foaming agent, Glazing agent, Stabilizer, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٩ & XS٢٠٧
١٢,٢,١	Herbs and spices	GMP	٥٣٤

MONO- AND DI-GLYCERIDES OF FATTY ACIDS

INS ٤٧١	Mono- and di-glycerides of fatty acids	Functional Class: Antifoaming agent, Emulsifier, Glazing agent, Stabilizer
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	GMP	٥٠٧
٠٢,١,٢	Vegetable oils and fats	١٠٠٠٠ mg/kg	٣٥٦, XS٣٣, XS٣٢٥R & ٥٤١
٠٢,١,٣	Tallow, fish oil, and other animal fats	GMP	٥٢٥

MONOSTARCH PHOSPHATE

INS ١٤١٠	Monostarch phosphate	Functional Class: Emulsifier, Stabilizer, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
١٣,٢	Complementary foods for infants and young children	٥٠٠٠٠ mg/kg	٢٦٩ & XS٧٣

NATAMYCIN (PIMARICIN)

INS ٢٣٥	Natamycin (Pimaricin)	Functional Class: Preservative
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,١	Unripened cheese	٤٠ mg/kg	٣, ٨٠, ٤٨٦, ٥٦١, XS٢٧٣, XS٢٧٥
٠١,٦,٢	Ripened cheese	٤٠ mg/kg	٣, ٨٠, XS٢٠٨, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨

NEOTAME

INS ٩٦١	Neotame	Functional Class: Flavour enhancer,
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Sweetener			
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	٦٥ mg/kg	٢٠١, ٤٧٨, XS٢٥٠, XS٢٥٢
٠١,٤,٤	Cream analogues	٣٣ mg/kg	٤٧٨ & ٦٨
٠١,٥,٢	Milk and cream powder analogues	٦٥ mg/kg	٤٧٨, XS٢٥١ & ٤٠٨
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٠٠ mg/kg	٤٧٨
٠٤,١,٢,١	Frozen fruit	١٠٠ mg/kg	٤٧٨ & ٣٥٨
٠٤,١,٢,٣	Fruit in vinegar, oil, or brine	١٠٠ mg/kg	١٤٤
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	٣٣ mg/kg	٤٧٨ & XS٣١٩
٠٤,١,٢,٧	Candied fruit	١٠٠ mg/kg	٤٧٨
٠٤,١,٢,١١	Fruit fillings for pastries	١٠٠ mg/kg	٤٧٨
٠٤,٢,٢,٢	Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	٣٣ mg/kg	١٤٤ & ٣٤٨
٠٤,٢,٢,٤	Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	٣٣ mg/kg	٤٧٨
٠٤,٢,٢,٥	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter)	٣٣ mg/kg	٤٧٨
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	٣٣ mg/kg	٤٧٨
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	٣٣ mg/kg	١٤٤ & XS٢٩٤
٠٤,٢,٢,٨	Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	٣٣ mg/kg	١٤٤, ٤٧٨ & ٣٤٥
٠٥,١,٢	Cocoa mixes (syrops)	٣٣ mg/kg	٩٧ & ٤٧٨
٠٥,١,٥	Imitation chocolate, chocolate substitute products	١٠٠ mg/kg	٤٧٨
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	٣٣ mg/kg	٤٧٨
٠٧,٢	Fine bakery wares (sweet, salty, savoury) and mixes	٨٠ mg/kg	١٦٥ & ٤٧٨
٠٩,٣	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms	١٠ mg/kg	١٤٤ & XS٢٩١
٠٩,٤	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms	١٠ mg/kg	١٤٤, XS٣, XS٣٧, XS٧٠, XS٩٠, XS٩٤ & XS١١٩
١٢,٢,٢	Seasonings and condiments	٣٢ mg/kg	٤٧٨

FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٣	Vinegars	١٢ mg/kg	٤٧٨ & ٢٧٧
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٢٣ mg/kg	١٦٦ & ٤٧٨
١٤,١,٣,١	Fruit nectar	٦٥mg/kg	٤٧٨
١٤,١,٣,٢	Vegetable nectar	٦٥ mg/kg	٤٧٨
١٤,١,٣,٣	Concentrates for fruit nectar	٦٥ mg/kg	١٢٧, ٤٧٨
١٤,١,٣,٤	Concentrates for vegetable nectar	٦٥ mg/kg	١٢٧ & ٤٧٨

NISIN

INS ٢٣٤	Nisin	Functional Class: Preservative	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,٢	Ripened cheese	١٢,٥ mg/kg	٢٣٣, XS٢٠٨, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨
١٢,٦,١	Emulsified sauces and dips (e.g. mayonnaise, salad dressing, onion dip)	٥ mg/kg	٢٣٣ & ٥٣٨
١٢,٦,٢	Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)	٥ mg/kg	٢٣٣, XS٢٠٦R & ٥٣٨
١٢,٦,٤	Clear sauces (e.g. fish sauce)	٥ mg/kg	٢٣٣, XS٢٠٢ & ٥٣٨
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٥ mg/kg	٢٣٣ & ٥٣٨

NITROGEN

INS ٩٤١	Nitrogen	Functional Class: Foaming agent, Packaging gas, Propellant	
FoodCatNo	FoodCategory	MaxLevel	Note
١٣,١,٢	Follow-up formulae	GMP	٥٩

PAPRIKA EXTRACT

INS ١٦٠c(ii)	Paprika extract	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,١,٤	Flavoured fluid milk drinks	٣٠mg/kg	٣٩ & ٥٢٨
٠١,٣,٢	Beverage whiteners	٥mg/kg	٣٩, XS٢٥٠ & XS٢٥٢
٠١,٤,٤	Cream analogues	٥mg/kg	٣٩
٠١,٥,٢	Milk and cream powder analogues	٥mg/kg	٣٩ & XS٢٥١
٠١,٦,١	Unripened cheese	١٥mg/kg	٣٩, ٢٠١, XS٢٧٣

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,٢,١	Ripened cheese, includes rind	٣٠mg/kg	٣٩, XS٢٠٨, XS٢٧٨
٠١,٦,٢,٢	Rind of ripened cheese	٣٠mg/kg	٣٩
٠١,٦,٢,٣	Cheese powder (for reconstitution; e.g. for cheese sauces)	١٤٠mg/kg	٣٩
٠١,٦,٤,١	Plain processed cheese	٧٠mg/kg	٣٩
٠١,٦,٤,٢	Flavoured processed cheese, including containing fruit, vegetables, meat, etc.	١٠٠mg/kg	٣٩
٠١,٦,٥	Cheese analogues	٧٠mg/kg	٣٩
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	٦٠mg/kg	٣٩
٠٢,٣	Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	٦٠mg/kg	٣٩
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	٥٠mg/kg	٣٩
٠٣,٠	Edible ices, including sherbet and sorbet	٥٥mg/kg	٣٩
٠٥,١,٣	Cocoa-based spreads, including fillings	٩٥mg/kg	٣٩ & XS٨٦
٠٥,١,٤	Cocoa and chocolate products	٩٥mg/kg	٣٩ & ١٨٣
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٩٥mg/kg	٣٩
١٣,٦	Food supplements	١٠٠mg/kg	٣٩ & ٥٣٩
١٤,١,٤	Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	٣٠mg/kg	٣٩ & ١٢٧

PECTINS

INS ٤٤٠	Pectins	Functional Class: Emulsifier, Gelling agent, Glazing agent, Stabilizer, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤
٠٨,١,١	Fresh meat, poultry, and game, whole pieces or cuts	GMP	١٦ & ٣٢٦
١٣,١,٣	Formulae for special medical purposes for infants	٢٠٠٠ mg/kg	١٤, ٣٨١ & ٥٥١
١٤,١,٢,٢	Vegetable juice	GMP	٣٦
١٤,١,٢,٤	Concentrates for vegetable juice	GMP	٣٥

PHOSPHATES

INS ٣٣٨	Phosphoric acid	Functional Class: Acidity regulator, Antioxidant, Sequestrant
INS ٣٣٩(i) phosphate	Sodium dihydrogen	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٣٣٩(ii) phosphate	Disodium hydrogen	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Sequestrant, Stabilizer, Thickener

INS ٢٢٩(iii)	Trisodium phosphate	Functional Class: Acidity regulator, Emulsifier, Humectant, Preservative, Sequestrant, Stabilizer, Thickener
INS ٢٤٠(i) phosphate	Potassium dihydrogen	Functional Class: Acidity regulator, Emulsifier, Humectant, Sequestrant, Stabilizer, Thickener
INS ٢٤٠(ii) phosphate	Dipotassium hydrogen	Functional Class: Acidity regulator, Emulsifier, Humectant, Sequestrant, Stabilizer, Thickener
INS ٢٤٠(iii) phosphate	Tripotassium	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Sequestrant, Stabilizer, Thickener
INS ٢٤١(i) phosphate	Calcium dihydrogen	Functional Class: Acidity regulator, Anticaking agent, Emulsifying salt, Firming agent, Flour treatment agent, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٢٤١(ii) phosphate	Calcium hydrogen	Functional Class: Acidity regulator, Anticaking agent, Emulsifying salt, Firming agent, Flour treatment agent, Humectant, Raising agent, Stabilizer, Thickener
INS ٢٤١(iii)	Tricalcium phosphate	Functional Class: Acidity regulator, Anticaking agent, Emulsifier, Emulsifying salt, Firming agent, Flour treatment agent, Humectant, Raising agent, Stabilizer, Thickener
INS ٢٤٢(i) phosphate	Ammonium dihydrogen	Functional Class: Acidity regulator, Flour treatment agent, Raising agent, Stabilizer, Thickener
INS ٢٤٢(ii) phosphate	Diammonium hydrogen	Functional Class: Acidity regulator, Flour treatment agent, Raising agent, Stabilizer, Thickener
INS ٢٤٣(i) phosphate	Magnesium dihydrogen	Functional Class: Acidity regulator, Anticaking agent, Emulsifying salt, Stabilizer, Thickener
INS ٢٤٣(ii) phosphate	Magnesium hydrogen	Functional Class: Acidity regulator, Anticaking agent, Emulsifying salt, Raising agent, Stabilizer, Thickener
INS ٢٤٣(iii) phosphate	Trimagnesium	Functional Class: Acidity regulator, Anticaking agent, Stabilizer, Thickener
INS ٤٥٠(i)	Disodium diphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٤٥٠(ii)	Trisodium diphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٤٥٠(iii) diphosphate	Tetrasodium	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٤٥٠(ix) diphosphate	Magnesium dihydrogen	Functional Class: Acidity regulator, Raising agent, Stabilizer
INS ٤٥٠(v) diphosphate	Tetrapotassium	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٤٥٠(vi)	Dicalcium diphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Firming agent, Raising agent, Sequestrant, Stabilizer, Thickener

INS ٤٥٠(vii) Calcium dihydrogen diphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer
INS ٤٥١(i) Pentasodium triphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Sequestrant, Stabilizer, Thickener
INS ٤٥١(ii) Pentapotassium triphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Sequestrant, Stabilizer, Thickener
INS ٤٥٢(i) Sodium polyphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٤٥٢(ii) Potassium polyphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٤٥٢(iii) Sodium calcium polyphosphate	Functional Class: Acidity regulator, Emulsifier, Humectant, Raising agent, Sequestrant, Stabilizer
INS ٤٥٢(iv) Calcium polyphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Raising agent, Sequestrant, Stabilizer, Thickener
INS ٤٥٢(v) Ammonium polyphosphate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Humectant, Sequestrant, Stabilizer, Thickener
INS ٥٤٢(i) Bone phosphate	Functional Class: Anticaking agent, Emulsifier, Humectant

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	١٣٠٠٠ mg/kg	٢٣ & ٤٨٠
٠١,٥,٢	Milk and cream powder analogues	٤٤٠٠ mg/kg	٣٣, ٥٤٣, ٥٤٨, ٥٤٤ & ٥٤٧
٠١,٦,١	Unripened cheese	٤٤٠٠ mg/kg	٣٣, ٤٨٧, ٤٩٥, ٤٩٦, ٥٦٢, ٥٦٤
٠٢,٢,٢	Fat spreads, dairy fat spreads and blended spreads	٢٢٠٠ mg/kg	٣٣, ٥٣٠, ٥٥٤, ٥٥٥
١٣,١,١	Infant formulae	٤٥٠ mg/kg	٣٣, ٢٣٠, ٣٨١, ٥٨٦, ٥٨٧ & ٥٥١
١٣,١,٣	Formulae for special medical purposes for infants	٤٥٠ mg/kg	٣٣, ٢٣٠, ٥٨٦, ٥٨٧ & ٥٥١
١٤,١,٣,٤	Concentrates for vegetable nectar	١٠٠٠ mg/kg	٣٣, ٤٠ & ١٢٧

POLYDIMETHYLSILOXANE

INS ٩٠٠a	Polydimethylsiloxane	Functional Class: Anticaking agent, Antifoaming agent, Emulsifier
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	١٠ mg/kg	٥١١, ٥٢٤, XS٣٣ & XS٣٢٠R
٠٢,١,٣	Tallow, fish oil, and other animal fats	١٠ mg/kg	٥٢٣, XS٢١١
١٤,٢	malt beverages	١٠ mg/kg	

POLYSORBATES

INS ٤٣٢	Polyoxyethylene (٢٠) sorbitan monolaurate	Functional Class: Emulsifier, Stabilizer	
INS ٤٣٣	Polyoxyethylene (٢٠) sorbitan monooleate	Functional Class: Emulsifier, Stabilizer	
INS ٤٣٤	Polyoxyethylene (٢٠) sorbitan monopalmitate	Functional Class: Emulsifier	
INS ٤٣٥	Polyoxyethylene (٢٠) sorbitan monostearate	Functional Class: Emulsifier, Stabilizer	
INS ٤٣٦	Polyoxyethylene (٢٠) sorbitan tristearate	Functional Class: Emulsifier, Stabilizer	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,٢	Milk and cream powder analogues	٤٠٠٠ mg/kg	XS٢٥١
٠١,٦,١	Unripened cheese	٨٠ mg/kg	٣٨, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
٠٢,١,٢	Vegetable oils and fats	٥٠٠٠ mg/kg	١٠٢, XS١٩, XS٣٣, XS٢١٠ & XS٣٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	٥٠٠٠ mg/kg	١٠٢, XS١٩, XS٢١١
١٢,٢,١	Herbs and spices	٢٠٠٠ mg/kg	XS٣٢٦, XS٣٢٧, XS٣٢٨

POLYVINYL ALCOHOL

INS ١٢٠٣	Polyvinyl Alcohol	Functional Class: Glazing agent, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٣,٦	Food supplements	٤٥٠٠٠ mg/kg	

POLYVINYL ALCOHOL (PVA) – POLYETHYLENE GLYCOL (PEG) GRAFT COPOLYMER

INS ١٢٠٩	Polyvinyl Alcohol (Pva) – Polyethylene Glycol (Peg) Graft Copolymer	Functional Class: Glazing agent, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٣,٦	Food supplements	١٠٠٠٠ mg/kg	٤١٧

POLYVINYLPYRROLIDONE

INS ١٢٠١	Polyvinylpyrrolidone	Functional Class: Glazing agent, Stabilizer, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٤,٢	malt beverages	١٠ mg/kg	٣٦

POWDERED CELLULOSE

INS ٤٦٠(ii)	Powdered cellulose	Functional Class: Anticaking agent, Bulking agent, Emulsifier, Glazing agent, Humectant, Stabilizer, Thickener	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٩ & XS٢٠٧

PROPIONIC ACID

INS ٢٨٠	Propionic acid	Functional Class: Preservative	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,٢,١	Ripened cheese, includes rind	GMP	٣, ٤٦٠, ٥٠٣, XS٢٠٨, XS٢٦٩, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨

PROPYL GALLATE

INS ٣١٠	Propyl gallate	Functional Class: Antioxidant	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	١٠٠ mg/kg	١٥, ١٣٣, ١٧١, ٥١٤
٠٢,١,٢	Vegetable oils and fats	٢٠٠ mg/kg	١٥, ١٣٠, ٥١١, ٥١٥, XS٣٣ & XS٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	٢٠٠ mg/kg	١٥, ١٣٠ & ٥١٦
١٢,٢	Herbs, spices, seasonings and condiments (e.g. seasoning for instant noodles)	٢٠٠ mg/kg	١٥, ١٣٠, XS٣٢٦, XS٣٢٧, XS٣٢٨

PROPYLENE GLYCOL ALGINATE

INS ٤٠٥	Propylene glycol alginate	Functional Class: Bulking agent, Carrier, Emulsifier, Foaming agent, Gelling agent, Stabilizer, Thickener	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,١,٢	Other fluid milk (plain)	١٣٠٠ mg/kg	٤٠٧ & ٤٣٨
١٢,٦,٢	Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)	٨٠٠٠ mg/kg	٥٧٦
١٤,٢	malt beverages	٥٠٠ mg/kg	

PROPYLENE GLYCOL ESTERS OF FATTY ACIDS

INS ٤٧٧	Propylene glycol esters of fatty acids	Functional Class: Emulsifier	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	١٠٠٠ mg/kg	XS٢٥٠ & XS٢٥٢
٠١,٥,٢	Milk and cream powder analogues	١٠٠٠٠ mg/kg	XS٢٥١
٠٢,١,٢	Vegetable oils and fats	١٠٠٠٠ mg/kg	XS١٩, XS٣٣, XS٢١٠ & XS٣٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	١٠٠٠٠ mg/kg	XS١٩, XS٢١١
١٢,٦,٢	Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)	٢٠٠٠٠ mg/kg	٥٧٦
١٣,٣	Dietetic foods intended for special medical purposes (excluding products of food category ١٣,١)	٥٠٠٠ mg/kg	٥٦٦

RIBOFLAVINS

INS ١٠١(i)	Riboflavin, synthetic	Functional Class: Colour
INS ١٠١(ii)	Riboflavin ٥'-phosphate sodium	Functional Class: Colour
INS ١٠١(iii)	Riboflavin from <i>Bacillus subtilis</i>	Functional Class: Colour
INS ١٠١(iv)	Riboflavin from <i>Ashbya gossypii</i>	Functional Class: Colour

FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	٥٠٠ mg/kg	XS٢٩٤
٠٩,٢,١	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	١٠٠٠ mg/kg	٩٥, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٩٠, XS١٩١, XS٢٩٢, XS٣١٢ & XS٣١٥
٠٩,٢,٢	Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms	٣٠٠ mg/kg	١٦ & XS١٦٦
٠٩,٢,٥	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	٣٠٠ mg/kg	٢٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١

SACCHARINS

INS ٩٥٤(i)	Saccharin	Functional Class: Sweetener
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INS ٩٥٤(ii)	Calcium saccharin	Functional Class: Sweetener
INS ٩٥٤(iii)	Potassium saccharin	Functional Class: Sweetener
INS ٩٥٤(iv)	Sodium saccharin	Functional Class: Sweetener

FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٠٠ mg/kg	٥٠٠, ٤٧٧
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	٢٠٠ mg/kg	٥٠٠, ٤٧٧ & XS٣١٩
٠٤,٢,٢,٢	Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	٥٠٠ mg/kg	٥٠٠, ١٤٤ & ٣٤٨
٠٤,٢,٢,٤	Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	١٦٠ mg/kg	٥٠٠, ١٤٤ & ٤٧٧
٠٤,٢,٢,٥	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter)	١٦٠ mg/kg	٥٠٠, ٤٧٧
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	٢٠٠ mg/kg	٥٠٠, ٤٧٧
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	٢٠٠ mg/kg	٥٠٠, ١٤٤ & XS٢٩٤
٠٤,٢,٢,٨	Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	١٦٠ mg/kg	٥٠٠, ١٤٤, ٤٧٧ & ٣٤٥
٠٥,١,٢	Cocoa mixes (syrups)	٨٠ mg/kg	٥٠٠ & ٤٧٧
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٥٠٠ mg/kg	٥٠٠, ٤٧٧
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	١٠٠ mg/kg	٥٠٠, ٤٧٧
٠٩,٢,٤,١	Cooked fish and fish products	٥٠٠ mg/kg	٥٠٠, ٤٧٧ & ٣٢٢
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	٢٠٠ mg/kg	٥٠٠, ١٦٦ & ٤٧٧
١٤,١,٣,٢	Vegetable nectar	٨٠ mg/kg	٥٠٠ & ٤٧٧
١٤,١,٣,٤	Concentrates for vegetable nectar	٨٠ mg/kg	٥٠٠, ١٢٧ & ٤٧٧

SALTS OF MYRISTIC, PALMITIC AND STEARIC ACIDS WITH AMMONIA, CALCIUM, POTASSIUM AND SODIUM

INS ٤٧٠ (i)	Salts of myristic, palmitic and stearic acids with ammonia, calcium, potassium and sodium	Functional Class: Anticaking agent, Emulsifier, Stabilizer
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FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٢,١	Herbs and spices	GMP	٥٣٤

SALTS OF OLEIC ACID WITH CALCIUM, POTASSIUM AND SODIUM

INS ٤٧٠ (ii)	Salts of oleic acid with calcium, potassium and sodium	Functional Class: Anticaking agent, Emulsifier, Stabilizer
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٤
٠٤,٢,١,٢	Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	GMP	٤٥٦
١٢,٢,١	Herbs and spices	GMP	٥٣٤

SILICON DIOXIDE, AMORPHOUS

INS ٥٥١	Silicon dioxide, amorphous	Functional Class: Anticaking agent, Antifoaming agent, Carrier
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٥٤٤ & ٥٤٩
٠١,٦,١	Unripened cheese	GMP	٣, ٤٨٨, ٥٦٣, XS٢٧٣, XS٢٧٥
٠١,٦,٢,١	Ripened cheese, includes rind	GMP	٤٥٩, ٤٦١, ٥٠٢, XS٢٠٨, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨
١٢,٢,١	Herbs and spices	GMP	٥١ & ٥٣٤
١٣,١,١	Infant formulae	١٠mg/kg	٣٨١, ٥٨٩ & ٥٥١
١٣,١,٢	Follow-up formulae	١٠mg/kg	٣٨١, ٥٨٩ & ٥٥١
١٣,١,٣	Formulae for special medical purposes for infants	١٠mg/kg	٣٨١, ٥٨٩ & ٥٥١

SODIUM ALGINATE

INS ٤٠١	Sodium alginate	Functional Class: Bulking agent, Carrier, Emulsifier, Foaming agent, Gelling agent, Glazing agent, Humectant, Sequestrant, Stabilizer, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,١,٢	Surface-treated fresh fruit	GMP	٤٥٣ & ٤٥٤
٠٤,٢,١,٢	Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	GMP	٤٥٥ & ٤٥٦

SODIUM ALUMINO SILICATE

INS ٥٥٤	Sodium aluminium silicate	Functional Class: Anticaking agent	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	٥٧٠ mg/kg	٦,٢٦٠, XS٢٥٠ & XS٢٥٢
٠١,٥,٢	Milk and cream powder analogues	٥٧٠ mg/kg	٦

SODIUM ASCORBATE

INS ٣٠١	Sodium ascorbate	Functional Class: Antioxidant	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	GMP	٣١٧, ٥٤٥ & XS٢٩٠
١٣,١,١	Infant formulae	٧٥mg/kg	٨٣, ٣٨١, ٥٩١ & ٥٥١
١٣,١,٢	Follow-up formulae	٥٠ mg/kg	٣١٥, ٣١٦, ٣١٧, ٣٨١, ٥٨١ & ٥٥١
١٣,١,٣	Formulae for special medical purposes for infants	٧٥mg/kg	٨٣, ٣٨١, ٥٩١ & ٥٥١

SODIUM CARBONATE

INS ٥٠٠(i)	Sodium carbonate	Functional Class: Acidity regulator, Anticaking agent, Emulsifying salt, Raising agent, Stabilizer, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٢,١	Herbs and spices	GMP	٥٣٤

SODIUM DIHYDROGEN CITRATE

INS ٣٣١(i)	Sodium dihydrogen citrate	Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Sequestrant, Stabilizer	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	GMP	٥١١, XS٣٣ & XS٣٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	GMP	٥٢٢, XS٣٢٩

SODIUM HYDROGEN CARBONATE

INS ٥٠٠(ii)	Sodium hydrogen carbonate	Functional Class: Acidity regulator, Anticaking agent, Raising agent, Stabilizer, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٢,١	Herbs and spices	GMP	٥٣٤

SODIUM PROPIONATE

INS ٢٨١	Sodium propionate	Functional Class: Preservative
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,٢,١	Ripened cheese, includes rind	GMP	٣, ٤٦٠, ٥٠٣, XS٢٠٨, XS٢٦٩, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨

SODIUM SESQUICARBONATE

INS ٥٠٠(iii)	Sodium sesquicarbonate	Functional Class: Acidity regulator, Anticaking agent, Raising agent
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FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٢,١	Herbs and spices	GMP	٥٣٤

SORBATES

INS ٢٠٠	Sorbic acid	Functional Class: Preservative
INS ٢٠٢	Potassium sorbate	Functional Class: Preservative
INS ٢٠٣	Calcium sorbate	Functional Class: Preservative

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	٢٠٠ mg/kg	٤٢, XS٢٥٠ & XS٢٥٢
٠١,٦,١	Unripened cheese	١٠٠٠ mg/kg	٤٢, ٢٢٣, ٤٩٢, ٤٩٤ & ٥٦١
٠١,٦,٢	Ripened cheese	٣٠٠٠ mg/kg	٤٢, ٤٥٧, ٤٩٩, ٥٠١, XS٢٠٨, XS٢٧٤, XS٢٧٦, XS٢٧٧
٠٢,٢,٢	Fat spreads, dairy fat spreads and blended spreads	٢٠٠٠ mg/kg	٤٢, ٥٢٩ & ٥٥٦

FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٢	Herbs, spices, seasonings and condiments (e.g. seasoning for instant noodles)	١٠٠٠ mg/kg	٤٢, XS٣٢٦, XS٣٢٧, XS٣٢٨

SORBITAN ESTERS OF FATTY ACIDS

INS ٤٩١	Sorbitan monostearate	Functional Class: Emulsifier, Stabilizer
INS ٤٩٢	Sorbitan tristearate	Functional Class: Emulsifier, Stabilizer
INS ٤٩٣	Sorbitan monolaurate	Functional Class: Emulsifier, Stabilizer
INS ٤٩٤	Sorbitan monooleate	Functional Class: Emulsifier, Stabilizer
INS ٤٩٥	Sorbitan monopalmitate	Functional Class: Emulsifier

FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	٧٥٠ mg/kg	٣٥٦, XS٣٣, XS٣٢٥R & ٥٤٢

SORBITOL

INS ٤٢٠ (i)	Sorbitol	Functional Class: Bulking agent, Humectant, Sequestrant, Stabilizer, Sweetener, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٩,٢,٣	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	١٦, ٢٤١
٠٩,٢,٤	Cooked and/or fried fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	١٤٤, ٢٤١, ٣٢٢, ٤٧٤, ٤٧٩
٠٩,٢,٥	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨, ٤٧٧
١٢,٢,٢	Seasonings and condiments	GMP	٤٧٧

SORBITOL SYRUP

INS ٤٢٠ (ii)	Sorbitol syrup	Functional Class: Bulking agent, Humectant, Sequestrant, Stabilizer, Sweetener, Thickener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٩,٢,٣	Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	GMP	١٦, ٢٤١
٠٩,٢,٤,٢	Cooked mollusks, crustaceans, and echinoderms	GMP	٤٧٩
٠٩,٢,٥	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	GMP	

FoodCatNo	FoodCategory	MaxLevel	Note
١٠,٢,٢	Frozen egg products	GMP	٤٩٠
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨, ٤٧٧
١٢,٢,٢	Seasonings and condiments	GMP	٤٧٧

STARCH SODIUM OCTENYL SUCCINATE

INS ١٤٥٠	Starch sodium octenyl succinate	Functional Class: Emulsifier, Stabilizer, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٣,١,١	Infant formulae	٢٠٠٠ mg/kg	٣٧٦, ٣٨١, ٥٩٠ & ٥٥١
١٣,١,٢	Follow-up formulae	١٠٠ mg/kg	٣١٦, ٣٨١, ٥٨٩ & ٥٥١

STEAROYL LACTYLATES

INS ٤٨١(i)	Sodium stearoyl lactylate	Functional Class: Emulsifier, Flour treatment agent, Foaming agent, Stabilizer	
INS ٤٨٢(ii)	Calcium stearoyl lactylate	Functional Class: Emulsifier, Flour treatment agent, Foaming agent, Stabilizer	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	٣٠٠ mg/kg	٣٥٦, XS٣٣, XS٣٢٥R & ٥٤٢

STEARYL CITRATE

INS ٤٨٤	Stearyl citrate	Functional Class: Antioxidant, Emulsifier, Sequestrant	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,٢	Vegetable oils and fats	GMP	XS١٩, XS٣٣, XS٢١٠ & XS٣٢٥R
٠٢,١,٣	Tallow, fish oil, and other animal fats	GMP	XS١٩, XS٢١١

STEVIOL GLYCOSIDES

INS ٩٦٠a	Steviol glycosides from Stevia rebaudiana Bertoni (Steviol glycosides from Stevia)	Functional Class: Sweetener	
INS ٩٦٠b	glycosides from fermentation	Functional Class: Sweetener	

INS ٩٦٠c	Enzymatically produced steviol glycosides	Functional Class: Sweetener
INS ٩٦٠d	Glucosylated steviol glycosides	Functional Class: Sweetener

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,٢	Milk and cream powder analogues	٢٣٠ mg/kg	٢٦, ٤٠٨, ٤٧٧, & XS٢٥١
٠٤,١,٢,١	Frozen fruit	٤٠ mg/kg	٢٦, ٣٥٨, ٤٧٧
٠٥,١,٣	Cocoa-based spreads, including fillings	٣٥٠ mg/kg	٢٦, ٤٧٧ & XS٨٦
٠٥,١,٤	Cocoa and chocolate products	٣٥٠ mg/kg	٢٦ & ٤٧٧
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٣٥٠ mg/kg	٢٦ & ٤٧٧
٠٥,٤	Decorations (e.g. for fine bakery wares), toppings (non-fruit) and sweet sauces	٢٣٠ mg/kg	٢٦ & ٤٧٧
٠٧,٢	Fine bakery wares (sweet, salty, savoury) and mixes	٣٥٠ mg/kg	٢٦ & ٤٧٧
٠٨,٢	Processed meat, poultry, and game products in whole pieces or cuts	٨٠ mg/kg	٢٦ & ٢٠٠
٠٩,٢,٤,١	Cooked fish and fish products	٧٠ mg/kg	٢٦, ٣٢٢, ٤٧٧
٠٩,٢,٤,٢	Cooked mollusks, crustaceans, and echinoderms	١٦٥ mg/kg	٢٦
٠٩,٢,٤,٣	Fried fish and fish products, including mollusks, crustaceans, and echinoderms	٢٥٠ mg/kg	٢٦, ٢٤١
٠٩,٢,٥	Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	١٦٥ mg/kg	٢٦, ٢٠٨, ٤٨٩
١٤,٢,١	malt beverages	٧٠ mg/kg	٢٦

SUCRALOSE (TRICHLOROGALACTOSUCROSE)

INS ٩٥٥	Sucralose (Trichlorogalactosucrose)	Functional Class: Flavour enhancer, Sweetener
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FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	٥٨٠ mg/kg	٢٠١, ٤٧٨, XS٢٥٠, XS٢٥٢
٠١,٤,٤	Cream analogues	٥٨٠ mg/kg	٤٧٨ & ٦٨
٠١,٥,٢	Milk and cream powder analogues	٤٠٠ mg/kg	٤٠٨, ٤٧٨, XS٢٥١
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	٤٠٠ mg/kg	٤٧٨
٠٤,١,٢,١	Frozen fruit	٤٠٠ mg/kg	٤٧٨ & ٣٥٨
٠٤,١,٢,٤	Canned or bottled (pasteurized) fruit	٤٠٠ mg/kg	٤٧٨ & XS٣١٩
٠٤,١,٢,٧	Candied fruit	١٥٠٠ mg/kg	٤٧٨
٠٤,١,٢,١١	Fruit fillings for pastries	٤٠٠ mg/kg	٤٧٨

FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,٢,٢,٢	Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	٥٨٠ mg/kg	١٤٤ & ٣٤٨
٠٤,٢,٢,٤	Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	٥٨٠ mg/kg	٤٧٨
٠٤,٢,٢,٥	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed purees and spreads (e.g., peanut butter)	٤٠٠ mg/kg	١٦٩ & ٤٧٨
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	٤٠٠ mg/kg	٤٧٨
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	٥٨٠ mg/kg	١٤٤ & XS٢٩٤
٠٤,٢,٢,٨	Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds	١٥٠ mg/kg	١٤٤, ٤٧٨ & ٣٤٥
٠٥,١,٢	Cocoa mixes (syrops)	٤٠٠ mg/kg	٩٧ & ٤٧٨
٠٥,١,٥	Imitation chocolate, chocolate substitute products	٨٠٠ mg/kg	٤٧٨
٠٦,٥	Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	٤٠٠ mg/kg	٤٧٨
٠٧,٢	Fine bakery wares (sweet, salty, savoury) and mixes	٧٠٠ mg/kg	٤٧٨
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	١٥٠٠ mg/kg	١٥٩ & ٤٧٨
١٢,٧	Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	١٢٥٠ mg/kg	١٦٩ & ٤٧٠
١٤,١,٣,٢	Vegetable nectar	٣٠٠ mg/kg	٤٧٨
١٤,١,٣,٤	Concentrates for vegetable nectar	٣٠٠ mg/kg	١٢٧ & ٤٧٨
١٥,٠	Ready-to-eat savouries	١٠٠٠ mg/kg	٤٧٨

SUCROSE ESTERS

INS ٤٧٣	Sucrose esters of fatty acids	Functional Class: Emulsifier, Foaming agent, Glazing agent, Stabilizer
INS ٤٧٣a	Sucrose Oligoesters, Type I and Type II	Functional Class: Emulsifier, Glazing agent, Stabilizer

INS ٤٧٤	Sucroglycerides	Functional Class: Emulsifier	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٥,١	Milk powder and cream powder (plain)	١٠٠٠ mg/kg	٥٣٦, XS٢٠٧ & XS٢٩٠
٠٤,١,١,٢	Surface-treated fresh fruit	١٥٠٠ mg/kg	٤٥٤
٠٤,٢,٢,٦	Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥	٥٠٠٠ mg/kg	XS٣٨, XS٥٧, XS٢٥٩R, XS٣٠٨R, XS٣٢١ & ٥٣٦

SULFITES

INS ٢٢٠	Sulfur dioxide	Functional Class: Antioxidant, Bleaching agent, Flour treatment agent, Preservative	
INS ٢٢١	Sodium sulfite	Functional Class: Antioxidant, Bleaching agent, Flour treatment agent, Preservative	
INS ٢٢٢	Sodium hydrogen sulfite	Functional Class: Antioxidant, Preservative	
INS ٢٢٣	Sodium metabisulfite	Functional Class: Antioxidant, Bleaching agent, Flour treatment agent, Preservative	
INS ٢٢٤	Potassium metabisulfite	Functional Class: Antioxidant, Bleaching agent, Flour treatment agent, Preservative	
INS ٢٢٥	Potassium sulfite	Functional Class: Antioxidant, Preservative	
INS ٥٣٩	Sodium thiosulfate	Functional Class: Antioxidant, Sequestrant	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,٢,٦	Fruit-based spreads (e.g. chutney) excluding products of food category ٠٤,١,٢,٥	١٠٠ mg/kg	٤٤ & ٥٦٧
١٤,٢	Malt beverages	٥٠ mg/kg	٤٤

SUNSET YELLOW FCF

INS ١١٠	Sunset yellow FCF	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,٢,٧	Candied fruit	٢٠٠ mg/kg	١٦١

TALC

INS ٥٥٣(iii)	Talc	Functional Class: Anticaking agent, Glazing agent, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٢,٢,١	Herbs and spices	GMP	٥٣٤

TAMARIND SEED POLYSACCHARIDE

INS ٤٣٧	Tamarind seed polysaccharide	Functional Class: Emulsifying salt, Gelling agent, Stabilizer, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٢,١,١	Fermented milks (plain), not heat-treated after fermentation	GMP	٢٣٤ & ٢٣٥
٠١,٢,١,٢	Fermented milks (plain), heat-treated after fermentation	GMP	٢٣٤
٠١,٤,١	Pasteurized cream (plain)	GMP	٢٣٦
٠١,٤,٢	Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain)	GMP	٢٣٦
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	GMP	XS٣٨
٠٦,٤,١	Fresh pastas and noodles and like products	GMP	٢١١
٠٦,٤,٢	Dried pastas and noodles and like products	GMP	٢٥٦
٠٩,٢,٤,١	Cooked fish and fish products	GMP	٢٤١ & ٣٢٧
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨
١٤,١,٣	Fruit and vegetable nectars	GMP	XS٢٤٧

TARTRATES

INS ٣٣٤	L(+)-Tartaric acid	Functional Class: Acidity regulator, Antioxidant, Flavour enhancer, Sequestrant Functional Class: Acidity regulator, Emulsifying salt, Sequestrant, Stabilizer Functional Class: Acidity regulator, Emulsifying salt, Sequestrant, Stabilizer
INS ٣٣٥(ii)	Sodium L(+)-tartrate	
INS ٣٣٧	Potassium sodium L(+)-tartrate	

FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,١,٢,٦	Fruit-based spreads (e.g. chutney) excluding products of food category ٠٤,١,٢,٥	٣٠٠ mg/kg	٤٥
١٤,١,٣,٤	Concentrates for vegetable nectar	١٦٠٠ mg/kg	٤٥, ١٢٧, ١٢٨
١٤,٢	malt beverages	٢٠٠٠ mg/kg	٤٥

TARTRAZINE

INS ١٠٢	Tartrazine	Functional Class: Colour	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,١,٤	Flavoured fluid milk drinks	٣٠٠ mg/kg	٥٢
٠١,٣,٢	Beverage whiteners	٣٠٠ mg/kg	XS٢٥٠ & XS٢٥٢
٠١,٦,٢,٢	Rind of ripened cheese	١٠٠ mg/kg	
٠١,٦,٤,١	Plain processed cheese	٢٠٠ mg/kg	

FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٦,٤,٢	Flavoured processed cheese, including containing fruit, vegetables, meat, etc.	٢٠٠ mg/kg	
٠١,٦,٥	Cheese analogues	٣٠٠ mg/kg	٣
٠١,٧	Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)	٣٠٠ mg/kg	
٠٢,٤	Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	١٥٠ mg/kg	
٠٣,٠	Edible ices, including sherbet and sorbet	٤٠ mg/kg	
١٢,٦,٢	Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)	١٠٠ mg/kg	٥٧٦
١٣,٦	Food supplements	٣٠٠ mg/kg	٥٣٩
١٤,٢,١	malt beverages	٥٠٠ mg/kg	٤٢٥

TERTIARY BUTYLHYDROQUINONE

INS ٣١٩	Tertiary butylhydroquinone (TBHQ)	Functional Class: Antioxidant	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,٣,٢	Beverage whiteners	١٠٠ mg/kg	١٥, ١٩٥, XS٢٥٠ & XS٢٥٢
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	١٢٠ mg/kg	١٥, ١٧١, ٥١٤

THAUMATIN

INS ٩٥٧	Thaumatococcus	Functional Class: Flavour enhancer, Sweetener	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٤,٢,٢,٧	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣	GMP	١٤٤
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨, ٤٧٨
١٢,١,٢	Salt Substitutes	GMP	٤٩١
١٤,١,٥	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa	GMP	١٦٠ & ٤٧٨

TRICALCIUM CITRATE

INS ٢٢٣(iii)	Tricalcium citrate	Functional Class: Acidity regulator, Emulsifying salt, Firming agent, Sequestrant, Stabilizer	
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FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	GMP	٥٠٧

TRIPOTASSIUM CITRATE

INS ٣٣٢(ii) Tripotassium citrate		Functional Class: Acidity regulator, Emulsifying salt, Sequestrant, Stabilizer	
FoodCatNo	FoodCategory	MaxLevel	Note
٠٢,١,١	Butter oil, anhydrous milkfat, ghee	GMP	٥٠٧
٠٢,١,٣	tallow, fish oil, and other animal fats	GMP	٥٠٧, XS٢١١

TRISODIUM CITRATE

INS ٣٣١(iii) Trisodium citrate		Functional Class: Acidity regulator, Emulsifier, Emulsifying salt, Sequestrant, Stabilizer	
FoodCatNo	FoodCategory	MaxLevel	Note
٠١,١,١	Fluid milk (plain)	GMP	٢٢٧, ٤٣٨, ٥٠٤
٠٢,١,٣	tallow, fish oil, and other animal fats	GMP	٥٢٢, XS٣٢٩

XANTHAN GUM

INS ٤١٥ Xanthan gum		Functional Class: Emulsifier, Foaming agent, Stabilizer, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١٣,١,٣	Formulae for special medical purposes for infants	١٠٠٠mg/kg	٣٨١, ٥٨٨ & ٥٥١
١٤,١,٢	Fruit and vegetable juices		XS٢٤٧
١٤,١,٣	Fruit and vegetable nectars		XS٢٤٧

XYLITOL

INS ٩٦٧ Xylitol		Functional Class: Emulsifier, Humectant, Stabilizer, Sweetener, Thickener	
FoodCatNo	FoodCategory	MaxLevel	Note
١١,٤	Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	GMP	٢٥٨, ٤٧٧
١٢,٢,٢	Seasonings and condiments	GMP	٤٧٧

جدول رقم (٢)

المواد المضافة المسموح استخدامها حسب التصنيف الغذائي

Food Category No. ٠١,١,١		Fluid milk (plain)	
Additive	INS	Max Level	Notes
TRISODIUM CITRATE	٣٣١ (iii)	GMP	٢٢٧, ٤٣٨, ٥٠٤
Food Category No. ٠١,١,٢		Other fluid milk (plain)	
Additive	INS	Max Level	Notes
PROPYLENE GLYCOL ALGINATE	٤٠٥	١٣٠٠ mg/kg	٤٠٧ & ٤٣٨
Food Category No. ٠١,١,٤		Flavoured fluid milk drinks	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٦mg/kg	٣٨١
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٠mg/kg	٥٢
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠mg/kg	٥٢, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠ mg/kg	٥٢, ٣٤١, ٣٤٤
PAPRIKA EXTRACT	١٦٠c(ii)	٣٠mg/kg	٥٢٨ & ٣٩
Food Category No. ٠١,٢,١		Fermented milks (plain)	
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠ mg/kg	٨, ٥٠٨, ٥٠٩, XS٣٣, XS٢١٠
Food Category No. ٠١,٢,١,١		Fermented milks (plain), not heat-treated after fermentation	
Additive	INS	Max Level	Notes
TAMARIND SEED POLYSACCHARIDE	٤٣٧	GMP	٢٣٤ & ٢٣٥
Food Category No. ٠١,٢,١,٢		Fermented milks (plain), heat-treated after fermentation	

Additive	INS	Max Level	Notes
TAMARIND SEED POLYSACCHARIDE	٤٣٧	GMP	٢٣٤

Food Category No. ٠١,٣,١		Condensed milk (plain)	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٦٠ mg/kg	٢٠١, ٤٧٨, XS٢٥٠, XS٢٥٢
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٥٠ mg/kg	٨, XS٢٥٠ & XS٢٥٢
ASPARTAME-ACESULFAME SALT	٩٦٢	٢٠٠٠ mg/kg	١١٣, ٢٠١, ٤٧٧, XS٢٥٠, XS٢٥٢
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠ mg/kg	٣٤١, ٣٤٤, XS٢٥٠ & XS٢٥٢
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠ mg/kg	٣٤١, ٣٤٤, XS٢٥٠ & XS٢٥٢
PAPRIKA EXTRACT	١٦٠c(ii)	٥ mg /kg	٣٩, XS٢٥٠ & XS٢٥٢
TARTRAZINE	١٠٢	٣٠٠mg/kg	XS٢٥٠ & XS٢٥٢

Food Category No. ٠١,٤,١		Pasteurized cream (plain)	
Additive	INS	Max Level	Notes
TAMARIND SEED POLYSACCHARIDE	٤٣٧	GMP	٢٣٦

Food Category No. ٠١,٤,٢		Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain)	
Additive	INS	Max Level	Notes
TAMARIND SEED POLYSACCHARIDE	٤٣٧	GMP	

Food Category No. ٠١,٤,٤		Cream analogues	
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠٠ mg/kg	٨
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠mg/kg	٦٨, ١١٩, ٤٧٧
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠mg/kg	٣٤٤ & ٣٤١
CAROTENOIDS	١٦٠a(i),a(iii),e,f	٢٠ mg/kg	
PAPRIKA EXTRACT	١٦٠c(ii)	٥mg/kg	٣٩

Food Category No. ٠١,٥,١		Milk powder and cream powder (plain)	
Additive	INS	Max Level	Notes
CALCIUM SILICATE	٥٥٢	GMP	٥٤٤ & ٥٤٩
HYDROXYPROPYL DISTARCH PHOSPHATE	١٤٤٢	GMP	٥٤٩ & XS٢٠٧
MAGNESIUM CARBONATE	٥٠٤(i)	GMP	٥٤٤, ٥٤٩ & ٥٥٠
MAGNESIUM HYDROXIDE CARBONATE	٥٠٤(ii)	GMP	٥٥٠
MAGNESIUM OXIDE	٥٣٠	GMP	٥٤٤ & ٥٤٩

MAGNESIUM SILICATE, SYNTHETIC	٥٥٣(i)	GMP	٥٤٤ & ٥٤٩
MICROCRYSTALLINE CELLULOSE (CELLULOSE GEL)	٤٦٠(i)	GMP	٥٤٩ & XS٢٠٧
POWDERED CELLULOSE	٤٦٠(ii)	GMP	٥٤٩ & XS٢٠٧
SILICON DIOXIDE, AMORPHOUS	٥٥١	GMP	٥٤٤ & ٥٤٩
SODIUM ASCORBATE	٣٠١	GMP	٣١٧, ٥٤٥ & XS٢٩٠
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	١٠٠٠ mg/kg	٥٣٦, XS٢٠٧ & XS٢٩٠
TALC	٥٥٣(iii)	GMP	٥٤٤ & ٥٤٩

Food Category No. ٠١,٥,٢		Milk and cream powder analogues	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٢٠ mg/kg	٤٠٨, ٤٧٨, XS٢٥١
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠٠ mg/kg	٨ & XS٢٥١
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٣, ٤٧٧, XS٢٥١, ٤٠٨
BUTYLATED HYDROXYANISOLE	٣٢٠	١٠٠ mg/kg	١٥ & ٤٨١
BUTYLATED HYDROXYTOLUENE	٣٢١	١٠٠ mg/kg	١٥ & ٤٨١
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٦ mg/kg	٣٤١, ٣٤٤, XS٢٥١
CAROTENOIDS	١٦٠a(i),a(iii),e,f	٦ mg/kg	٣٤١, ٣٤٤ XS٢٥١
PAPRIKA EXTRACT	١٦٠c(ii)	٥ mg/kg	٣٩ & XS٢٥١
SUCRALOSE	٩٥٥	٤٠٠ mg/kg	٤٠٨, ٤٧٨, XS٢٥١
(TRICHLOROGALACTOSUCROSE)			
TERTIARY BUTYLHYDROQUINONE	٣١٩	١٠٠ mg/kg	١٥ & ٤٨١

Food Category No. ٠١,٦,١		Unripened cheese	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٢٠١, ٤٧٨, XS٢٥١, XS٢٦٢, XS٢٧٣, XS٢٧٥
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٢٥ mg/kg	١٨٥, ٤٨٥, XS٢٦٢ & XS٢٧٣
ASCORBYL ESTERS	٣٠٤, ٣٠٥	٥٠٠ mg/kg	١٠, XS٢٢١, XS٢٧٣
AZORUBINE (CARMOISINE)	١٢٢	١٥٠ mg/kg	٣, ٢٠١, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
BRILLIANT BLACK (BLACK PN)	١٥١	١٥٠ mg/kg	٣, ٢٠١, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
BROWN HT	١٥٥	١٥٠ mg/kg	٣, ٢٠١, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
CALCIUM SILICATE	٥٥٢	GMP	٤٨٨, ٥٦٣, XS٢٧٣, XS٢٧٥
CARAMEL II - SULFITE CARAMEL	١٥٠b	١٥٠٠٠ mg/kg	٢٠١, XS٢٢١, XS٢٦٢, XS٢٧٣, XS٢٧٥
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١ mg/kg	٢٩١, ٤٧٣, XS٢٦٢, XS٢٧٣
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢ mg/kg	٣٤١, ٣٤٤, ٤٦٢,

CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٣ mg/kg	٤٧٣, XS٢٦٢, XS٢٧٣ ٣٤١, ٣٤٤, ٤٦٢, ٤٧٣, XS٢٦٢, XS٢٧٣ ٢٠١, ٤٩٣, XS٢٦٢, XS٢٧٣, XS٢٧٥
CURCUMIN	١٠٠(i)	١٥٠ mg/kg	٤٩٧, XS٢٢١, XS٢٧٣ ٤٨٨, ٥٦٣, XS٢٧٣, XS٢٧٥
DIACETYLTARTARIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢e	١٠٠٠٠ mg/kg	٣٩, ٢٠١, XS٢٧٣ ٣, ٤٨٨, ٥٦٣, XS٢٧٣, XS٢٧٥
MAGNESIUM SILICATE, SYNTHETIC	٥٥٣(i)	GMP	٣, ٤٨٨, ٥٦٣, XS٢٧٣, XS٢٧٥
PAPRIKA EXTRACT	١٦٠c(ii) ٥٥١	١٥ mg/kg GMP	
SILICON DIOXIDE, AMORPHOUS TALC	٥٥٣(iii)	GMP	

Food Category No. ٠١,٦,٢	Ripened cheese		
Additive	INS	Max Level	Notes
NITRATES	٢٥١, ٢٥٢	٣٥ mg/kg	٣٠, ٤٦٤, XS٢٠٨, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨

Food Category No. ٠١,٦,٢,١	Ripened cheese, includes rind		
Additive	INS	Max Level	Notes
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٢ mg/kg	٤٥٨, ٣٠١, XS٢٠٨, XS٢٧٨
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٥ mg/kg	XS٢٠٨, XS٢٧٨, ٣٤١, ٣٤٤, ٤٥٨
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٥ mg/kg	XS٢٠٨, XS٢٧٨, ٣٤١, ٣٤٤, ٤٥٨
CURCUMIN	١٠٠(i)	٥٠٠ mg/kg	٤٩٨, XS٢٠٨, XS٢٦٣, XS٢٦٤, XS٢٦٥, XS٢٦٦, XS٢٦٧, XS٢٦٨, XS٢٦٩, XS٢٧٠, XS٢٧١, XS٢٧٢, XS٢٧٤, XS٢٧٦, XS٢٧٧, XS٢٧٨
LAURIC ARGINATE ETHYL ESTER	٢٤٣	٢٠٠ mg/kg	XS٢٧٤, XS٢٧٦, XS٢٧٧
PAPRIKA EXTRACT	١٦٠c(ii)	٣٠ mg/kg	٣٩, XS٢٠٨, XS٢٧٨

Food Category No. ٠١,٦,٢,٢	Rind of ripened cheese		
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠٠ mg/kg	٨
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٢٠ mg/kg	١٨٥, ١٠٩
CARAMEL II - SULFITE CARAMEL	١٥٠b	٥٠٠٠٠ mg/kg	
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٥٠ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠٠ mg/kg	٣٤١ & ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠٠ mg/kg	٣٤١ & ٣٤٤
CURCUMIN	١٠٠(i)	١٠٠ mg/kg	

Additive	INS	Max Level	Notes
PAPRIKA EXTRACT	١٦٠c(ii)	٣٠ mg/kg	٣٩
TARTRAZINE	١٠٢	١٠٠ mg/kg	

Food Category No. ٠١,٦,٢,٣	Cheese powder (for reconstitution; e.g. for cheese sauces)		
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٥٠ mg/kg	٨
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٥٠ mg/kg	١٨٥
CARAMEL II - SULFITE CARAMEL	١٥٠b	٥٠٠٠٠ mg/kg	
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٥ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠ mg/kg	٣٨١, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠ mg/kg	٣٨١, ٣٤١, ٣٤٤
CURCUMIN	١٠٠(i)	١٠٠ mg/kg	
PAPRIKA EXTRACT	١٦٠c(ii)	١٤٠ mg/kg	٣٩

Food Category No. ٠١,٦,٤	Processed cheese		
Additive	INS	Max Level	Notes
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٨ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٥ mg/kg	١٤٥, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٥ mg/kg	١٤٥, ٣٤١, ٣٤٤

Food Category No. ٠١,٦,٤,١	Plain processed cheese		
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٦٠ mg/kg	٨, ١٤٥
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٧٠ mg/kg	١٨٥
CURCUMIN	١٠٠(i)	١٠٠ mg/kg	
PAPRIKA EXTRACT	١٦٠c(ii)	٧٠ mg/kg	٣٩
TARTRAZINE	١٠٢	٢٠٠ mg/kg	

Food Category No. ٠١,٦,٤,٢	Flavoured processed cheese, including containing fruit, vegetables, meat, etc.		
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٥ mg/kg	٨, ٢٣٩
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٧٠ mg/kg	١٨٥
AZORUBINE (CARMOISINE)	١٢٢	١٠ mg/kg	
CARAMEL II - SULFITE CARAMEL	١٥٠b	٥٠٠٠٠ mg/kg	٧٢
CURCUMIN	١٠٠(i)	١٠٠ mg/kg	
PAPRIKA EXTRACT	١٦٠c(ii)	١٠٠ mg/kg	٣٩
TARTRAZINE	١٠٢	٢٠٠ mg/kg	

Food Category No. ٠١,٦,٥	Cheese analogues		
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Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠٠mg/kg	٨
AZORUBINE (CARMOISINE)	١٢٢	١٠٠mg/kg	٣
BRILLIANT BLACK (BLACK PN)	١٥١	١٠٠mg/kg	٣
CARAMEL II - SULFITE CARAMEL	١٥٠b	٥٠٠٠mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٥mg/kg	٣٤١, ٣٤٤, ٣٧٨
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٥mg/kg	٣٤١, ٣٤٤, ٣٧٨
CURCUMIN	١٠٠(i)	١٠٠mg/kg	
PAPRIKA EXTRACT	١٦٠c(ii)	٧٠mg/kg	٣٩
TARTRAZINE	١٠٢	٣٠٠mg/kg	٣

Food Category No. ٠١,٧

Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)

Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠٠mg/kg	٨ & ١٤٦
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٢٠mg/kg	١٨٥
AZORUBINE (CARMOISINE)	١٢٢	١٥٠ mg/kg	
BRILLIANT BLACK (BLACK PN)	١٥١	١٥٠ mg/kg	
BROWN HT	١٥٥	١٥٠ mg/kg	
CARAMEL II - SULFITE CARAMEL	١٥٠b	٢٠٠٠ mg/kg	٤٠٠ & ٢٠٩
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠ mg/kg	٣٤١, ٣٤٤
CURCUMIN	١٠٠(i)	١٥٠ mg/kg	٤٠٢
PAPRIKA EXTRACT	١٦٠c(ii)	٦٠ mg/kg	٣٩
TARTRAZINE	١٠٢	٣٠٠mg/kg	

Food Category No. ٠٢,١,١

Butter oil, anhydrous milkfat, ghee

Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠٠ mg/kg	٨ & ٢٤٠
LECITHIN	٣٢٢(i)	GMP	٥٠٧
MONO- AND DI-GLYCERIDES OF FATTY ACIDS	٤٧١	GMP	٥٠٧
TERTIARY BUTYLHYDROQUINONE	٣١٩	١٢٠ mg/kg	١٥, ١٧١, ٥١٤
TOCOPHEROLS	٣٠٧a, b, c	٥٠٠ mg/kg	١٧١, ٥١٣
TRICALCIUM CITRATE	٣٣٣(iii)	GMP	٥٠٧
TRIPOTASSIUM CITRATE	٣٣٢(ii)	GMP	٥٠٧

Food Category No. ٠٢,١,٢

Vegetable oils and fats

Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠ mg/kg	٨, ٥٠٨, ٥٠٩, XS٣٣, XS٢١٠ & XS٣٢٥R
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٥ mg/kg	٥٠٨, ٥٠٩, XS٣٣, XS٢١٠, XS٣٢٥R, ٣٤١, ٣٤٤

Additive	INS	Max Level	Notes
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٥ mg/kg	٥٠٨, ٥٠٩, XS٣٣, XS٢١٠, XS٣٢٥R, ٣٤١, ٣٤٤
CURCUMIN	١٠٠(i)	٥ mg/kg	٥٠٨, ٥٠٩, XS٣٣, XS٢١٠, XS٣٢٥R
MONO- AND DI-GLYCERIDES OF FATTY ACIDS	٤٧١	١٠٠٠٠mg/kg	٣٥٦, XS٣٣, XS٣٢٥R & ٥٤١
POLYGLYCEROL ESTERS OF FATTY ACIDS	٤٧٥	١٠٠٠٠mg/kg	٣٥٦, XS٣٣, XS٣٢٥R & ٥٤٢
SORBITAN ESTERS OF FATTY ACIDS	٤٩١-٤٩٥	٧٥٠ mg/kg	٣٥٦, XS٣٣, XS٣٢٥R & ٥٤٢
STEAROYL LACTYLATES	٤٨١(i), ٤٨٢(i)	٣٠٠ mg/kg	٣٥٦, XS٣٣, XS٣٢٥R & ٥٤٢

Food Category No. ٠٢, ١, ٣	Tallow, fish oil, and other animal fats		
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠ mg/kg	٨, ٥١٢, XS٣٢٩
ASCORBIC ACID, L-	٣٠٠	GMP	XS١٩, XS٢١١
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠ mg/kg	٥١٨, XS٣٢٩, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠ mg/kg	٥١٨, XS٣٢٩, ٣٤١, ٣٤٤
CURCUMIN	١٠٠(i)	٥ mg/kg	٥١٢, XS٣٢٩
SODIUM DIHYDROGEN CITRATE	٣٣١(i)	GMP	٥٢٢, XS٣٢٩
TRICALCIUM CITRATE	٣٣٣(iii)	GMP	٥٠٧, XS٢١١
TRIPOTASSIUM CITRATE	٣٣٢(ii)	GMP	٥٠٧, XS٢١١
TRISODIUM CITRATE	٣٣١(iii)	GMP	٥٢٢, XS٣٢٩

Food Category No. ٠٢, ٢, ١	Butter		
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٢٠ mg/kg	٨
CALCIUM HYDROXIDE	٥٢٦	GMP	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٢mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٢mg/kg	٣٤١, ٣٤٤
PHOSPHATES	٣٣٨; ٣٣٩(i)-(iii); ٣٤٠(i)-(iii); ٣٤١(i)-(iii); ٣٤٢(i)-(ii); ٣٤٣(i)-(iii); ٤٥٠(i)-(iii),(v)-(vii), (ix); ٤٥١(i),(ii); ٤٥٢(i)-(v); ٥٤٢	٨٨٠ mg/kg	٣٣ & ٣٤
SODIUM CARBONATE	٥٠٠(i)	GMP	

Food Category No. ٠٢, ٢, ٢	Fat spreads, dairy fat spreads and blended spreads		
Additive	INS	Max Level	Notes
CARAMEL II - SULFITE CARAMEL	١٥٠b	٥٠٠mg/kg	XS٢٥٣

Additive	INS	Max Level	Notes
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٣٥mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٣٥ mg/kg	٣٤٤, ٣٤١
CURCUMIN	١٠٠(i)	١٠ mg/kg	٢١٧ & ٢٣٢
Food Category No. ٠٢,٣		Fat emulsions mainly of type oil-in-water, including mixed and/or flavoured products based on fat emulsions	
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٢٥ mg/kg	٨
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	١٠ mg/kg	١٨٥
CAMEL II - SULFITE CAMEL	١٥٠b	٢٠٠٠٠ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠ mg/kg	٣٤١, ٣٤٤
CURCUMIN	١٠٠(i)	١٠٠ mg/kg	
INDIGOTINE (INDIGO CARMINE)	١٣٢	١٠٠ mg/kg	
PAPRIKA EXTRACT	١٦٠c(ii)	٦٥ mg/kg	٣٩
Food Category No. ٠٢,٤		Fat-based desserts excluding dairy-based dessert products of food category ٠١,٧	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ALLURA RED AC	١٢٩	١٥٠ mg/kg	
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٥ mg/kg	٨
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	١٠ mg/kg	١٨٥
AZORUBINE (CARMOISINE)	١٢٢	١٥٠ mg/kg	
BRILLIANT BLACK (BLACK PN)	١٥١	١٥٠ mg/kg	
BROWN HT	١٥٥	١٥٠ mg/kg	
CAMEL II - SULFITE CAMEL	١٥٠b	٢٠٠٠٠ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٥ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٥ mg/kg	٣٤١, ٣٤٤
CURCUMIN	١٠٠(i)	١٥٠ mg/kg	
PAPRIKA EXTRACT	١٦٠c(ii)	٥٠ mg/kg	٣٩
TARTRAZINE	١٠٢	١٥٠ mg/kg	
Food Category No. ٠٣,٥		Edible ices, including sherbet and sorbet	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠mg/kg	٤٧٨
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٢٠mg/kg	٨
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٢٠mg/kg	١٨٥
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٩ & ٤٧٧
AZORUBINE (CARMOISINE)	١٢٢	٥٠mg/kg	
BRILLIANT BLACK (BLACK PN)	١٥١	١٠٠mg/kg	
CAMEL II - SULFITE CAMEL	١٥٠b	٨٠٠٠mg/kg	
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٢٠mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠mg/kg	٣٤١, ٣٤٤

Additive	INS	Max Level	Notes
CURCUMIN	١٠٠(i)	١٥٠mg/kg	
PAPRIKA EXTRACT	١٦٠c(ii)	٥٥mg/kg	٣٩
TARTRAZINE	١٠٢	٤٠mg/kg	

Food Category No. ٠٤, ١, ١, ٢	Surface-treated fresh fruit		
Additive	INS	Max Level	Notes
ACETIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢a	GMP	٤٥٤
ACETYLATED DISTARCH PHOSPHATE	١٤١٤	GMP	٤٥٤
AGAR	٤٠٦	GMP	٤٥٣ & ٤٥٤
ALGINIC ACID	٤٠٠	GMP	٤٥٤
AMMONIUM ALGINATE	٤٠٣	GMP	٤٥٤
CALCIUM ALGINATE	٤٠٤	GMP	٤٥٤
CARRAGEENAN	٤٠٧	GMP	٤٥٤
GUM ARABIC (ACACIA GUM)	٤١٤	GMP	٤٥٣ & ٤٥٤
HYDROXYPROPYL CELLULOSE	٤٦٣	GMP	٤٥٤
HYDROXYPROPYL METHYL CELLULOSE	٤٦٤	GMP	٤٥٤
LECITHIN	٣٢٢(i)	GMP	٤٥٤
SALTS OF OLEIC ACID WITH CALCIUM, POTASSIUM AND SODIUM	٤٧٠(ii)	GMP	٤٥٤
SODIUM ALGINATE	٤٠١	GMP	٤٥٣ & ٤٥٤
SUCROGLYCERIDES	٤٧٣, ٤٧٣a, ٤٧٤	١٥٠٠ mg/kg	٤٥٤

Food Category No. ٠٤, ١, ٢, ١	Frozen fruit		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٢٠mg/kg	٣٥٨, ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٥٠٠mg/kg	١١٣, ٤٧٧, ٣٥٨
STEVIOL GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٤٠mg/kg	٢٦, ٣٥٨, ٤٧٧

Food Category No. ٠٤, ١, ٢, ٣	Fruit in vinegar, oil, or brine		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣mg/kg	١٤٤
ASPARTAME-ACESULFAME SALT	٩٦٢	٢٠٠mg/kg	١١٣, ١٤٤, ٤٧٧
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠mg/kg	٣٤١, ٣٤٤
NEOTAME	٩٦١	١٠٠ mg/kg	١٤٤

Food Category No. ٠٤, ١, ٢, ٤	Canned or bottled (pasteurized) fruit		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠mg/kg	٤٧٨
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠mg/kg	١٠٤, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠mg/kg	١٠٤, ٣٤١, ٣٤٤

Food Category No. ٠٤,١,٢,٥		Jams, jellies, marmelades	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨ & XS٢٩٦
CAROTENES, BETA-	١٦٠a(i),a(iii), a(iv)	١٥mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٥mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٤,١,٢,٦		Fruit-based spreads (e.g. chutney) excluding products of food category ٠٤,١,٢,٥	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨ & XS١٦٠
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٩, ٤٧٧ & XS١٦٠
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠ mg/kg	XS١٦٠, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠ mg/kg	XS١٦٠, ٣٤١, ٣٤٤
SULFITES	٢٢٠-٢٢٥, ٥٣٩	١٠٠ mg/kg	٤٤ & ٥٦٧
TARTRATES	٣٣٤, ٣٣٥(ii), ٣٣٧	٣٠٠٠ mg/kg	٤٥
Food Category No. ٠٤,١,٢,٧		Candied fruit	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٢٠mg/kg	٤٧٨
ALLURA RED AC	١٢٩	٣٠٠ mg/kg	١٦١
ASPARTAME	٩٥١	٢٠٠٠ mg/kg	١٩١ & ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٥٠٠mg/kg	١١٣, ١٤٤, ٤٧٧
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٢mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٣٠mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٣٠mg/kg	٣٤١, ٣٤٤
ERYTHROSINE	١٢٢	٢٠٠ mg/kg	٥٤
NEOTAME	٩٦١	١٠٠ mg/kg	٤٧٨
SUCRALOSE	٩٥٥	١٥٠٠ mg/kg	٤٧٨
TRICHLOROGALACTOSUCROSE)			
SUNSET YELLOW FCF	١١٠	٢٠٠ mg/kg	١٦١
Food Category No. ٠٤,١,٢,٨		Fruit preparations, including pulp, purees, fruit toppings and coconut milk	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨, XS٢٤٠ & XS٣١٤R
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٨ mg/kg	٣٤١, ٣٤٤, XS٢٤٠
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٨ mg/kg	٣٤١, ٣٤٤, XS٢٤٠
Food Category No. ٠٤,١,٢,٩		Fruit-based desserts, including fruit-flavoured water-based desserts	

Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٨ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٨ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٤,١,٢,١٠		Fermented fruit products	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠mg/kg	١١٣ & ٤٧٧
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٤,١,٢,١١		Fruit fillings for pastries	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٣, ٤٧٧
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٤,١,٢,١٢		Cooked fruit	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٥٠٠mg/kg	١١٣ & ٤٧٧
Food Category No. ٠٤,٢,١,٢		Surface-treated fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes [(including soybeans)], and aloe vera), seaweeds, and nuts and seeds	
Additive	INS	Max Level	Notes
AGAR	٤٠٦	GMP	٤٥٥ & ٤٥٦
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	٤, ١٦, ٣٤١
LECITHIN	٣٢٢(i)	GMP	٤٥٥ & ٤٥٦
SALTS OF OLEIC ACID WITH CALCIUM, POTASSIUM AND SODIUM	٤٧٠(ii)	GMP	٤٥٦
SODIUM ALGINATE	٤٠١	GMP	٤٥٥ & ٤٥٦
Food Category No. ٠٤,٢,٢,٢		Dried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	١٤٤, ٣٤٨
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٤,٢,٢,٣		Vegetables (including mushrooms and fungi, roots and tubers, pulses and	

legumes, and aloe vera), and seaweeds in vinegar, oil, brine, or soybean sauce			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣ mg/kg	١٤٤
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٤,٢,٢,٤ Canned or bottled (pasteurized) or retort pouch vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٣, ٤٧٧
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٤,٢,٢,٥ Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera) seaweed, and nut and seed purees and spreads (e.g., peanut butter)			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨, XS٢٥٧
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٩, ٤٧٧
CAROTENES, BETA- ١٦٠a(i),a(iii),a(iv)	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٤,٢,٢,٦ Vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweed, and nut and seed pulps and preparations (e.g. vegetable desserts and sauces, candied vegetables) other than food category ٠٤,٢,٢,٥			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨, XS٣٨, XS٥٧, XS٢٥٩R, XS٣٠٨R, XS٣٢١
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	٩٣, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠ mg/kg	٩٣, ٣٤١, ٣٤٤,
Food Category No. ٠٤,٢,٢,٧ Fermented vegetable (including mushrooms and fungi, roots and tubers,			

pulses and legumes, and aloe vera) and seaweed products, excluding fermented soybean products of food categories ٠٦,٨,٦, ٠٦,٨,٧, ١٢,٩,١, ١٢,٩,٢,١ and ١٢,٩,٢,٣			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٢٥mg/kg	١٤٤
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٣, ١٤٤
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥ mg/kg	٣٤١, ٣٤٤, XS٣٨, XS١٥١, XS٢٢٣, XS٢٩٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥ mg/kg	٣٤١, ٣٤٤, XS٣٨, XS١٥١, XS٢٢٣, XS٢٩٤
ERYTHROSINE	١٢٧	٣٠ mg/kg	XS٢٩٤
GUM ARABIC (ACACIA GUM)	٤١٤	GMP	٥٧١
TAMARIND SEED POLYSACCHARIDE	٤٣٧	GMP	XS٣٨
THAUMATIN	٩٥٧	GMP	١٤٤
Food Category No. ٠٤,٢,٢,٨ Cooked or fried vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweeds			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠mg/kg	١٤٤, ٣٤٥, ٤٧٨
Food Category No. ٠٥,١,١ Cocoa mixes (powders) and cocoa mass/cake			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣٠ mg/kg	٩٧, ٤٧٨, XS١٤١
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠mg/kg	٩٧, ١١٣, XS١٤١
STEVIOL GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٣٥٠mg/kg	٢٦, ٩٧, ٤٧٧, XS١٤١
Food Category No. ٠٥,١,٢ Cocoa mixes (syrops)			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٩٧, ٤٧٨
ASPARTAME	٩٥١	١٠٠٠ mg/kg	٩٧, ١٩١ & ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	٩٧, ١١٣, ٤٧٧
Food Category No. ٠٥,١,٣ Cocoa-based spreads, including fillings			
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨ &

Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٥٠ mg/kg	XS٨٦
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٣٠ mg/kg	٨ & XS٨٦ ١٨٥ & XS٨٦
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٣,٤٧٧ & XS٨٦
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٠ mg/kg	XS٨٦
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٣ mg/kg	XS٨٦, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٣ mg/kg	XS٨٦, ٣٤١, ٣٤٤
CURCUMIN	١٠٠(i)	٣٠٠ mg/kg	XS٨٦
STEVIOLE GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٣٥٠ mg/kg	٢٦,٤٧٧ & XS٨٦

Food Category No. ٠٥,١,٤	Cocoa and chocolate products		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٢٠ mg/kg	٤٧٨
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٥٠ mg/kg	٨ & ١٨٣
ASPARTAME-ACESULFAME SALT	٩٦٢	٥٠٠ mg/kg	١١٣ & ٤٧٧
CARAMEL II - SULFITE CARAMEL	١٥٠b	٥٠٠٠٠ mg/kg	١٨٣
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٠ mg/kg	١٨٣,٤٠١
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠٠ mg/kg	٣٤١, ٣٤٤
CURCUMIN	١٠٠(i)	٣٠٠ mg/kg	١٨٣
PAPRIKA EXTRACT	١٦٠c(ii)	٩٥ mg/kg	٣٩ & ١٨٣
STEVIOLE GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٣٥٠ mg/kg	٢٦ & ٤٧٧

Food Category No. ٠٥,١,٥	Imitation chocolate, chocolate substitute products		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣٠ mg/kg	٤٧٨
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٥٠ mg/kg	٨
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	٢٥ mg/kg	١٨٥
CARAMEL II - SULFITE CARAMEL	١٥٠b	٥٠٠٠٠ mg/kg	
CHLOROPHYLLS AND CHLOROPHYLLINS, COPPER COMPLEXES	١٤١(i),(ii)	٧٠٠ mg/kg	
CURCUMIN	١٠٠(i)	٣٠٠ mg/kg	
SACCHARINS	٩٥٤(i)-(iv)	٥٠٠ mg/kg	٥٠٠, ٤٧٧
STEVIOLE GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٣٥٠ mg/kg	٢٦ & ٤٧٧

Food Category No. ٠٥,٢	Confectionery including hard and soft candy, nougats, etc. other than food categories ٠٥,١, ٠٥,٣ and ٠٥,٤		
Additive	INS	Max Level	Notes
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٥٠ mg/kg	XS٣٠٩R
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠٠ mg/kg	XS٣٠٩R, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠٠ mg/kg	XS٣٠٩R, ٣٤١,

Additive	INS	Max Level	Notes
PAPRIKA EXTRACT	١٦٠c(ii)	١٠٠ mg/kg	٣٤٤
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	٥٠٠٠ mg/kg	٣٩ XS٣٠٩R
Food Category No. ٠٥,٢,١		Hard candy	
Additive	INS	Max Level	Notes
ASPARTAME-ACESULFAME SALT	٩٦٢	٥٠٠ mg/kg	١١٣, ١٥٦, ٤٧٧
Food Category No. ٠٥,٢,٢		Soft candy	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣٠ mg/kg	١١٤, ٤٧٨ & XS٣٠٩R
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٣, ١٥٧, XS٣٠٩R
Food Category No. ٠٥,٢,٣		Nougats and marzipans	
Additive	INS	Max Level	Notes
ACESULFAME POTASSIUM	٩٥٠	١٠٠٠ mg/kg	٤٧٨ & ١٨٨
ADVANTAME	٩٦٩	٣٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٤, ٤٧٧
Food Category No. ٠٥,٣		Chewing gum	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٤٠٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٥٠٠٠ mg/kg	١١٣ & ٤٧٧
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٢٥ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠٠ mg/kg	٣٤١, ٣٤٤
PAPRIKA EXTRACT	١٦٠c(ii)	١٥٠ mg/kg	٣٩
Food Category No. ٠٥,٤		Decorations (e.g. for fine bakery wares), toppings (non-fruit) and sweet sauces	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٢٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٥٠٠ mg/kg	١١٣ & ٤٧٧
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١١ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠٠ mg/kg	٣٤١, ٣٤٤
PAPRIKA EXTRACT	١٦٠c(ii)	١٠٠ mg/kg	٣٩
STEVIOLE GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٣٣٠ mg/kg	٢٦ & ٤٧٧
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	٥٠٠٠ mg/kg	٣٨٧
Food Category No. ٠٦,٢,١		Flours	
Additive	INS	Max Level	Notes
MAGNESIUM CARBONATE	٥٠٤(i)	١٥٠٠ mg/kg	
METHACRYLATE COPOLYMER, BASIC (BMC)	١٢٠٥	GMP	

Food Category No. ٠٦,٣		Breakfast cereals, including rolled oats	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٩ & ٤٧٧
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠٠ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٦,٤,١		Fresh pastas and noodles and like products	
Additive	INS	Max Level	Notes
TAMARIND SEED POLYSACCHARIDE	٤٣٧	GMP	٢١١
Food Category No. ٠٦,٤,٢		Dried pastas and noodles and like products	
Additive	INS	Max Level	Notes
TAMARIND SEED POLYSACCHARIDE	٤٣٧	GMP	٢٥٦
Food Category No. ٠٦,٤,٣		Pre-cooked pastas and noodles and products	
Additive	INS	Max Level	Notes
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٤٠ mg/kg	١٥٣, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٤٠ mg/kg	١٥٣, ٣٤١, ٣٤٤
Food Category No. ٠٦,٥		Cereal and starch based desserts (e.g. rice pudding, tapioca pudding)	
Additive	INS	Max Level	Notes
ACESULFAME POTASSIUM	٩٥٠	٣٥٠ mg/kg	١٨٨ & ٤٧٨
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٣ & ٤٧٧
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١١ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٦,٦		Batters (e.g. for breading or batters for fish or poultry)	
Additive	INS	Max Level	Notes
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠ mg/kg	٣٤١, ٣٤٤
Food Category No. ٠٦,٧		Pre-cooked or processed rice products, including rice cakes (Oriental type only)	
Additive	INS	Max Level	Notes
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	١٠٠٠٠ mg/kg	
Food Category No. ٠٦,٨,١		Soybean-based beverages	

Additive	INS	Max Level	Notes
ACESULFAME POTASSIUM SUCROSE ESTERS	٩٥٠ ٤٧٣, ٤٧٣a, ٤٧٤	٥٠٠ mg/kg ٢٠٠٠٠ mg/kg	٤٧٨

Food Category No. ٦,٨,٨		Other soybean protein products	
Additive	INS	Max Level	Notes

Food Category No. ٠٧,١,٢		Crackers, excluding sweet crackers	
Additive	INS	Max Level	Notes
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٥ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠٠ mg/kg	٣٤١, ٣٤٤

Food Category No. ٠٧,١,٣		Other ordinary bakery products (e.g. bagels,pita, English muffins)	
Additive	INS	Max Level	Notes
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٦٠ mg/kg	٣٤١, ٣٤٤

Food Category No. ٠٧,١,٤		Bread-type products, including bread stuffing and bread crumbs	
Additive	INS	Max Level	Notes
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٥ mg/kg	١١٦
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٣٠ mg/kg	١١٦, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٣٠ mg/kg	١١٦, ٣٤١, ٣٤٤

Food Category No. ٠٧,١,٥		Steamed breads and buns	
Additive	INS	Max Level	Notes
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٥ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١ mg/kg	٣٤١, ٣٤٤, ٣٧٩

Food Category No. ٠٧,٢		Fine bakery wares (sweet, salty, savoury) and mixes	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٧mg/kg	١٦٥, ٤٧٨
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٢٠ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٤٢ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٤٢ mg/kg	٣٤١, ٣٤٤
STEVIOL GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٣٥٠mg/kg	٢٦, ٤٧٧

Food Category No. ٠٨,٢		Processed meat, poultry, and game products in whole pieces or cuts	
Additive	INS	Max Level	Notes
STEVIOL GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٨٠ mg/kg	٢٦ & ٢٠٠

Food Category No. ٠٨,٣,١		Non-heat treated processed comminuted meat, poultry, and game products	
Additive	INS	Max Level	Notes
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠ mg/kg	١٦, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠ mg/kg	١٦, ٣٤١, ٣٤٤
Food Category No. ٠٨,٣,٢		Heat-treated processed comminuted meat, poultry, and game products	
Additive	INS	Max Level	Notes
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠ mg/kg	١٦, XS٨٨, XS٨٩, XS٩٨, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠ mg/kg	١٦, XS٨٨, XS٨٩, XS٩٨, ٣٤١, ٣٤٤
Food Category No. ٠٨,٣,٣		Frozen processed comminuted meat, poultry, and game products	
Additive	INS	Max Level	Notes
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠ mg/kg	١٦, ٣٤١
Food Category No. ٠٨,٤		Edible casings (e.g.sausage casings)	
Additive	INS	Max Level	Notes
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٠٠ mg/kg	٣٠٤
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	٣٠٤, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠ mg/kg	٣٠٤, ٣٤١, ٣٤٤
Food Category No. ٠٩,٢		Processed fish and fish products, including mollusks, crustaceans, and echinoderms	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣ mg/kg	١٤٤
ASPARTAME-ACESULFAME SALT	٩٦٢	٢٠٠ mg/kg	١١٣, ١٤٤, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٦٦, XS١٦٧, XS١٨٩, XS١٩٠, XS١٩١, XS٢٢٢, XS٢٣٦, XS٢٤٤, XS٢٩٢, XS٣١١, XS٣١٢ & XS٣١٥
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٠٠ mg/kg	٣٣٦, ٤٣٩, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٦٧,

CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠٠ mg/kg	XS١٨٩, XS١٩٠, XS١٩١, XS٢٢٢, XS٢٣٦, XS٢٤٤, XS٢٩٢, XS٣١١, XS٣١٢ & XS٣١٥ ٣٤١, ٣٤٤, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٦٧, XS١٨٩, XS١٩٠, XS١٩١, XS٢٢٢, XS٢٣٦, XS٢٤٤, XS٢٩٢, XS٣١١, XS٣١٢ & XS٣١٥
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠٠ mg/kg	٣٣٦, ٤٣٩, ٣٤١, ٣٤٤, XS٣٦, XS٩٢, XS٩٥, XS١٦٥, XS١٦٧, XS١٨٩, XS١٩٠, XS١٩١, XS٢٢٢, XS٢٣٦, XS٢٤٤, XS٢٩٢, XS٣١١, XS٣١٢ & XS٣١٥

Food Category No. ٠٩,٢,١	Frozen fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms
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Additive	INS	Max Level	Notes
Food Category No. ٠٩,٢,٢	Frozen battered fish, fish fillets, and fish products, including mollusks, crustaceans, and echinoderms		
Additive	INS	Max Level	Notes
ACETIC ACID, GLACIAL	٢٦٠	GMP	٤١ & XS١٦٦
ACETIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢a	GMP	١٦ & XS١٦٦
AGAR	٤٠٦	GMP	XS١٦٦
AMMONIUM HYDROGEN CARBONATE	٥٠٢(ii)	GMP	٦٣
ASCORBIC ACID, L-ASCORBYL ESTERS	٣٠٠	GMP	٣٠٦ & ٣٠٧
BRILLIANT BLUE FCF	٣٠٤, ٣٠٥	١٠٠٠ mg/kg	١٠
BUTYLATED HYDROXYANISOLE	١٣٣	٥٠٠ mg/kg	١٦ & XS١٦٦
BUTYLATED HYDROXYTOLUENE	٣٢٠	٢٠٠ mg/kg	١٥, ١٨٠ & XS١٦٦
CALCIUM ALGINATE	٣٢١	٢٠٠ mg/kg	١٥, ١٨٠ & XS١٦٦
CALCIUM ASCORBATE	٤٠٤	GMP	٦٣
CALCIUM CHLORIDE	٣٠٢	GMP	١٣٩ & XS١٦٦
CALCIUM LACTATE	٥٠٩	GMP	٤١ & XS١٦٦
CARAMEL I - PLAIN CARAMEL	٣٢٧	GMP	٤١ & XS١٦٦
CARMINES	١٥٠a	GMP	٤١
	١٢٠	٥٠٠ mg/kg	١٦, ٩٥, ١٧٨,

CAROB BEAN GUM	٤١٠	GMP	& XS١٦٦ ١٧٧
CARRAGEENAN	٤٠٧	GMP	١٧٧ & ٣٣٢
CITRIC ACID	٣٣٠	GMP	٦١
CITRIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢c	GMP	١٦ & XS١٦٦
DEXTRINS, ROASTED STARCH	١٤٠٠	GMP	XS١٦٦
DISODIUM D'-GUANYLATE	٦٢٧	GMP	٣٠٩ & XS١٦٦
DISODIUM D'-INOSINATE	٦٣١	GMP	٣٠٩ & XS١٦٦
DISODIUM D'-RIBONUCLEOTIDES	٦٣٥	GMP	٣٠٩ & XS١٦٦
DISTARCH PHOSPHATE	١٤١٢	GMP	٦٣
ERYTHORBIC ACID (ISOASCORBIC ACID)	٣١٥	GMP	١٣٩ & XS١٦٦
ETHYLENE DIAMINE TETRA ACETATES	٣٨٥, ٣٨٦	٧٥ mg/kg	٢١ & XS١٦٦
FUMARIC ACID	٢٩٧	GMP	٤١ & XS١٦٦
GELLAN GUM	٤١٨	GMP	XS١٦٦
GLYCEROL	٤٢٢	GMP	٤١ & XS١٦٦
GRAPE SKIN EXTRACT	١٦٣(ii)	٥٠٠ mg/kg	١٦ & XS١٦٦
GUAR GUM	٤١٢	GMP	١٧٧
GUM ARABIC (ACACIA GUM)	٤١٤	GMP	١٦ & XS١٦٦
HYDROXYPROPYL CELLULOSE	٤٦٣	GMP	٦٣ & ٣٣٢
HYDROXYPROPYL DISTARCH PHOSPHATE	١٤٤٢	GMP	٦٣
HYDROXYPROPYL METHYL CELLULOSE	٤٦٤	GMP	٦٣ & ٣٣٢
HYDROXYPROPYL STARCH	١٤٤٠	GMP	٦٣
KARAYA GUM	٤١٦	GMP	XS١٦٦
KONJAC FLOUR	٤٢٥	GMP	٤١, ٣٢٥, ٣٣٢ & XS١٦٦
LACTIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢b	GMP	١٦ & XS١٦٦
LECITHIN	٣٢٢(i)	GMP	٦٣
MAGNESIUM CARBONATE	٥٠٤(i)	GMP	١٦ & XS١٦٦
MAGNESIUM CHLORIDE	٥١١	GMP	XS١٦٦
MAGNESIUM HYDROXIDE	٥٢٨	GMP	١٦ & XS١٦٦
MAGNESIUM HYDROXIDE CARBONATE	٥٠٤(ii)	GMP	١٦ & XS١٦٦
MALIC ACID, DL-	٢٩٦	GMP	٤١ & XS١٦٦
MANNITOL	٤٢١	GMP	XS١٦٦
METHYL CELLULOSE	٤٦١	GMP	١٧٧ & ٣٣٢
METHYL ETHYL CELLULOSE	٤٦٥	GMP	٦٣
MICROCRYSTALLINE CELLULOSE (CELLULOSE GEL)	٤٦٠(i)	GMP	٤١, ٣٢٥, ٣٣٢ & XS١٦٦
MONO- AND DI-GLYCERIDES OF FATTY ACIDS	٤٧١	GMP	٤١
MONOPOTASSIUM L-GLUTAMATE	٦٢٢	GMP	٤١
MONOSODIUM L-GLUTAMATE	٦٢١	GMP	٤١
MONOSTARCH PHOSPHATE	١٤١٠	GMP	٦٣
OXIDIZED STARCH	١٤٠٤	GMP	٦٣

PECTINS	٤٤٠	GMP	١٧٧
PHOSPHATED DISTARCH PHOSPHATE	١٤١٣	GMP	٦٣
PHOSPHATES	٣٣٨; ٣٣٩(i)-(iii); ٣٤٠(i)-(iii); ٣٤١(i)-(iii); ٣٤٢(i)-(ii); ٣٤٣(i)-(iii); ٤٥٠(i)-(iii),(v)-(vii), (ix); ٤٥١(i),(ii); ٤٥٢(i)-(v); ٥٤٢	٢٢٠٠ mg/kg	٣٣ & ٢٩٩
POTASSIUM ALGINATE	٤٠٢	GMP	٦٣
POTASSIUM CARBONATE	٥٠١(i)	GMP	٤١
POTASSIUM CHLORIDE	٥٠٨	GMP	٤١ & XS١٦٦
POTASSIUM HYDROGEN CARBONATE	٥٠١(ii)	GMP	٤١
POWDERED CELLULOSE	٤٦٠(ii)	GMP	١٦ & XS١٦٦
PROCESSED EUCHEUMA SEAWEED (PES)	٤٠٧a	GMP	١٧٧ & ٣٣٢
PULLULAN	١٢٠٤	GMP	٤١ & XS١٦٦
RIBOFLAVINS	١٠١(i),(ii), (iii)	٣٠٠ mg/kg	١٦ & XS١٦٦
SALTS OF MYRISTIC, PALMITIC AND STEARIC ACIDS WITH AMMONIA, CALCIUM, POTASSIUM AND SODIUM	٤٧٠(i)	GMP	١٦, ٧١ & XS١٦٦
SALTS OF OLEIC ACID WITH CALCIUM, POTASSIUM AND SODIUM	٤٧٠(ii)	GMP	١٦ & XS١٦٦
SODIUM ACETATE	٢٦٢(i)	GMP	٤١ & XS١٦٦
SODIUM ALGINATE	٤٠١	GMP	٢١٠ & ٣٣٢
SODIUM CARBONATE	٥٠٠(i)	GMP	٤١
SODIUM CARBOXYMETHYL CELLULOSE (CELLULOSE GUM)	٤٦٦	GMP	١٧٧ & ٣٣٢
SODIUM DL-MALATE	٣٥٠(ii)	GMP	٤١ & XS١٦٦
SODIUM FUMARATES	٣٦٥	GMP	٤١ & XS١٦٦
SODIUM HYDROGEN CARBONATE	٥٠٠(ii)	GMP	٤١
SODIUM LACTATE	٣٢٥	GMP	٤١ & XS١٦٦
SODIUM SESQUICARBONATE	٥٠٠(iii)	GMP	٤١
STARCH ACETATE	١٤٢٠	GMP	٦٣
SUNSET YELLOW FCF	١١٠	٣٠٠ mg/kg	١٦ & XS١٦٦
TARA GUM	٤١٧	GMP	٧٣ & XS١٦٦
THIODIPROPIONATES	٣٨٨, ٣٨٩	٢٠٠ mg/kg	١٥, ٤٦ & XS١٦٦
TOCOPHEROLS	٣٠٧a, b, c	٢٠٠ mg/kg	١٥, XS١٦٦
TRAGACANTH GUM	٤١٣	GMP	١٦ & XS١٦٦

Food Category No. ٠٩, ٢, ٣		Frozen minced and creamed fish products, including mollusks, crustaceans, and echinoderms	
Additive	INS	Max Level	Notes
SORBITOL	٤٢٠(i)	GMP	١٦, ٢٤١
SORBITOL SYRUP	٤٢٠(ii)	GMP	١٦, ٢٤١
Food Category No. ٠٩, ٢, ٤		Cooked and/or fried fish and fish products, including mollusks, crustaceans, and	

echinoderms			
Additive	INS	Max Level	Notes
SORBITOL	٤٢٠(i)	GMP	١٤٤, ٢٤١, ٣٢٢, ٤٧٤, ٤٧٩

Food Category No. ٠٩, ٢, ٤, ١		Cooked fish and fish products	
Additive	INS	Max Level	Notes
CARMINES	١٢٠	٥٠٠ mg/kg	١٧٨
ISOMALT (HYDROGENATED ISOMALTULOSE)	٩٥٣	GMP	٣٢٢ & ٤٧٨
SACCHARINS	٩٥٤(i)-(iv)	٥٠٠ mg/kg	٥٠٠, ٤٧٧ & ٣٢٢
SORBATES	٢٠٠, ٢٠٢, ٢٠٣	٢٠٠٠ mg/kg	٤٢
STEVIOLE GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٧٠mg/kg	٢٦, ٣٢٢, ٤٧٧
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	٤٥٠٠ mg/kg	٢٤١
TAMARIND SEED POLYSACCHARIDE	٤٣٧	GMP	٢٤١ & ٣٢٢

Food Category No. ٠٩, ٢, ٤, ٢		Cooked mollusks, crustaceans, and echinoderms	
Additive	INS	Max Level	Notes
CARMINES	١٢٠	٢٥٠ mg/kg	١٧٨
SORBATES	٢٠٠, ٢٠٢, ٢٠٣	٢٠٠٠ mg/kg	٤٢ & ٨٢
SORBITOL SYRUP	٤٢٠(ii)	GMP	٤٧٩
STEVIOLE GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	١٦٥ mg/kg	٢٦

Food Category No. ٠٩, ٢, ٤, ٣		Fried fish and fish products, including mollusks, crustaceans, and echinoderms	
Additive	INS	Max Level	Notes
STEVIOLE GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٢٥٠ mg/kg	٢٦, ٢٤١

Food Category No. ٠٩, ٢, ٥		Smoked, dried, fermented, and/or salted fish and fish products, including mollusks, crustaceans, and echinoderms	
Additive	INS	Max Level	Notes
MALTITOL	٩٦٥(i)	GMP	٤٨٩
MALTITOL SYRUP	٩٦٥(ii)	GMP	٤٨٩
MANNITOL	٤٢١	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
METHYL CELLULOSE	٤٦١	GMP	٣٠٠, ٣٣٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
METHYL ETHYL CELLULOSE	٤٦٥	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ &

MICROCRYSTALLINE CELLULOSE (CELLULOSE GEL)	٤٦٠(i)	GMP	XS٣١١ ٣٠٠, ٣٣٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
MONO- AND DI-GLYCERIDES OF FATTY ACIDS	٤٧١	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
MONOSODIUM L-GLUTAMATE	٦٢١	GMP	٢٩, ٣١٣, XS١٦٧, XS١٨٩, XS٢٣٦, XS٢٤٤ & XS٣١١
NITROGEN	٩٤١	GMP	٥٩, ٣٨٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦ & XS٢٤٤
OXIDIZED STARCH	١٤٠٤	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
PECTINS	٤٤٠	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
PHOSPHATES	٣٣٨; ٣٣٩(i)-(iii); ٣٤٠(i)-(iii); ٣٤١(i)-(iii); ٣٤٢(i)-(ii); ٣٤٣(i)-(iii); ٤٥٠(i)-(iii), (v)-(vii), (ix); ٤٥١(i), (ii); ٤٥٢(i)-(v); ٥٤٢	٢٢٠٠ mg/kg	٣٣, ٣٣٤, XS١٦٧, XS١٨٩, XS٢٣٦, XS٢٤٤, XS٣١١, ٤١٣, ٤٢٠
POTASSIUM CARBONATE	٥٠١(i)	GMP	٢٣٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
POTASSIUM CHLORIDE	٥٠٨	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
POTASSIUM LACTATE	٣٢٦	GMP	٣٨٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦ & XS٢٤٤
POWDERED CELLULOSE	٤٦٠(ii)	GMP	٣٠٠, ٣٣٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
PROCESSED EUCHEUMA SEAWEED (PES)	٤٠٧a	GMP	٣٠٠, ٣٣٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
PROPYL GALLATE	٣١٠	١٠٠ mg/kg	١٥, ١٩٦, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
PULLULAN	١٢٠٤	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢,

RIBOFLAVINS	١٠١(i),(ii), (iii)	٣٠٠ mg/kg	XS٢٣٦, XS٢٤٤ & XS٣١١ ٢٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SALTS OF MYRISTIC, PALMITIC AND STEARIC ACIDS WITH AMMONIA, CALCIUM, POTASSIUM AND SODIUM	٤٧٠(i)	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SALTS OF OLEIC ACID WITH CALCIUM, POTASSIUM AND SODIUM	٤٧٠(ii)	GMP	٣٠٠, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SODIUM ACETATE	٢٦٢(i)	GMP	XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SODIUM ALGINATE	٤٠١	GMP	٣٠٠, ٣٣٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SODIUM CARBONATE	٥٠٠(i)	GMP	XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SODIUM CARBOXYMETHYL CELLULOSE (CELLULOSE GUM)	٤٦٦	GMP	٣٠٠, ٣٣٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SODIUM DL-MALATE	٣٥٠(ii)	GMP	XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SODIUM ERYTHORBATE (SODIUM ISOASCORBATE)	٣١٦	GMP	٣٨٢, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦ & XS٢٤٤
SODIUM FUMARATES	٣٦٥	GMP	XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦, XS٢٤٤ & XS٣١١
SODIUM LACTATE	٣٢٥	GMP	٤٣٧, XS١٦٧, XS١٨٩, XS٢٢٢, XS٢٣٦ & XS٢٤٤
SORBATES	٢٠٠, ٢٠٢, ٢٠٣	١٠٠٠ mg/kg	٢٠, ٤٢, XS١٨٩, XS٢٢٢ & XS٢٣٦
SORBITOL	٤٢٠(i)	GMP	
SORBITOL SYRUP	٤٢٠(ii)	GMP	
STEVIOL GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	١٦٠mg/kg	٢٦, ٢٠٨, ٤٨٩

Food Category No. ٠٩,٣	Semi-preserved fish and fish products, including mollusks, crustaceans, and echinoderms		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣ mg/kg	١٤٤, XS٢٩١
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٢٠ mg/kg	٩٥ & XS٢٩١
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠ mg/kg	٩٥, XS٢٩١, ٣٤١,٣٤٤

CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠ mg/kg	٩٥, XS٢٩١, ٣٤١, ٣٤٤
Food Category No. ٠٩, ٤	Fully preserved, including canned or fermented fish and fish products, including mollusks, crustaceans, and echinoderms		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣ mg/kg	١٤٤
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٢٠ mg/kg	٩٥, XS٣, XS٣٧, XS٧٠, XS٩٠, XS٩٤ & XS١١٩
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠ mg/kg	٩٥, XS٣, XS٣٧, XS٧٠, XS٩٠, XS٩٤ & XS١١٩, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠ mg/kg	٩٥, XS٣, XS٣٧, XS٧٠, XS٩٠, XS٩٤ & XS١١٩, ٣٤١, ٣٤٤
Food Category No. ١٠, ١	Fresh eggs		
Additive	INS	Max Level	Notes
CARMINES	١٢٠	GMP	٤ & ١٧٨
Food Category No. ١٠, ٢	Egg products		
Additive	INS	Max Level	Notes
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠٠ mg/kg	٣٤١
Food Category No. ١٠, ٢, ٢	Frozen egg products		
Additive	INS	Max Level	Notes
MALTITOL SYRUP	٩٦٥(ii)	GMP	٤٩٠
SORBITOL SYRUP	٤٢٠(ii)	GMP	٤٩٠
Food Category No. ١٠, ٤	Egg-based desserts (e.g. custard)		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٦٩٢	٣٥٠ mg/kg	١١٣ & ٤٧٧
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١١ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٥ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٥ mg/kg	٣٤١, ٣٤٤
POLYGLYCEROL ESTERS OF FATTY ACIDS	٤٧٥	٦٠٠٠ mg/kg	
POLYGLYCEROL ESTERS OF INTERESTERIFIED RICINOLEIC ACID	٤٧٦	١٠٠٠ mg/kg	
POLYSORBATES	٤٣٢-٤٣٦	٣٠٠٠ mg/kg	

Food Category No. ١١,٤		Other sugars and syrups (e.g. xylose, maple syrup, sugar toppings)	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣٠ mg/kg	٢٥٨, ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	١٠٠٠ mg/kg	١١٣, ١٥٩, ٤٧٧
ISOMALT (HYDROGENATED ISOMALTULOSE)	٩٥٣	GMP	٢٥٨, ٤٧٨
LACTITOL	٩٦٦	GMP	٢٥٨, ٤٧٧
MALTITOL	٩٦٥(i)	GMP	٢٥٨, ٤٧٧
MALTITOL SYRUP	٩٦٥(ii)	GMP	٢٥٨, ٤٧٧
SORBITOL	٤٢٠(i)	GMP	٢٥٨, ٤٧٧
SORBITOL SYRUP	٤٢٠(ii)	GMP	٢٥٨, ٤٧٧
TAMARIND SEED	٤٣٧	GMP	٢٥٨
POLYSACCHARIDE			
THAUMATIN	٩٥٧	GMP	٢٥٨, ٤٧٨
XYLITOL	٩٦٧	GMP	٢٥٨, ٤٧٧

Food Category No. ١١,٦		Table-top sweeteners, including those containing high-intensity sweeteners	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	GMP	

Food Category No. ١٢,١,١		Salt	
Additive	INS	Max Level	Notes
METHACRYLATE COPOLYMER, BASIC (BMC)	١٢٠٥	GMP	

Food Category No. ١٢,١,٢		Salt Substitutes	
Additive	INS	Max Level	Notes
ACETIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢a	GMP	
ACETYLATED DISTARCH PHOSPHATE	١٤١٤	GMP	
AGAR	٤٠٦	GMP	
ALGINIC ACID	٤٠٠	GMP	
ASCORBIC ACID, L-	٣٠٠	GMP	
CALCIUM ٥'-GUANYLATE	٦٢٩	GMP	
CALCIUM ٥'-INOSINATE	٦٢٣	GMP	
CALCIUM ٥'-RIBONUCLEOTIDES	٦٢٤	GMP	
CALCIUM CHLORIDE	٥٠٩	GMP	٥٨
CALCIUM DI-L-GLUTAMATE	٦٢٣	GMP	
CALCIUM LACTATE	٣٢٧	GMP	
CALCIUM SILICATE	٥٥٢	GMP	
CARRAGEENAN	٤٠٧	GMP	
CITRIC ACID	٣٣٠	GMP	
CITRIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢c	GMP	
DIACETYLTARTARIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢e	١٦٠٠٠mg/kg	
DIPOTASSIUM ٥'-GUANYLATE	٦٢٨	GMP	
DISODIUM ٥'-GUANYLATE	٦٢٧	GMP	
DISODIUM ٥'-INOSINATE	٦٣١	GMP	
DISODIUM ٥'-RIBONUCLEOTIDES	٦٣٥	GMP	
FERROCYANIDES	٥٣٥, ٥٣٦, ٥٣٨	٢٠mg/kg	٢٤

Additive	INS	Max Level	Notes
FUMARIC ACID	٢٩٧	GMP	
GELLAN GUM	٤١٨	GMP	
GLUTAMIC ACID, L(+)-	٦٢٠	GMP	
GLYCEROL	٤٢٢	GMP	
GUANYLIC ACID, ٥'-	٦٢٦	GMP	
GUAR GUM	٤١٢	GMP	
GUM ARABIC (ACACIA GUM)	٤١٤	GMP	
HYDROXYPROPYL CELLULOSE	٤٦٣	GMP	
HYDROXYPROPYL METHYL CELLULOSE	٤٦٤	GMP	
HYDROXYPROPYL STARCH	١٤٤٠	GMP	
INOSINIC ACID, ٥'-	٦٣٠	GMP	
KARAYA GUM	٤١٦	GMP	
KONJAC FLOUR	٤٢٥	GMP	
KONJAC FLOUR ٤٢٥ ٢٠١٤ GMP	٢٧٠	GMP	
LACTIC ACID, L-, D- and DL-THAUMATIN	٩٥٧	GMP	٤٩١

Food Category No. ١٢,٢,١		Herbs and spices	
Additive	INS	Max Level	Notes
CALCIUM CARBONATE	١٧٠(i)	GMP	٥٣٤
CALCIUM SILICATE	٥٥٢	GMP	٥٣٤
HYDROXYPROPYL DISTARCH PHOSPHATE	١٤٤٢	GMP	٥٣٤
MAGNESIUM CARBONATE	٥٠٤(i)	GMP	٥٣٤
MAGNESIUM HYDROXIDE CARBONATE	٥٠٤(ii)	GMP	٥٣٤
MAGNESIUM OXIDE	٥٣٠	GMP	٥٣٤
MAGNESIUM SILICATE, SYNTHETIC	٥٥٣(i)	GMP	٥٣٤
MAGNESIUM STEARATE	٤٧٠(iii)	GMP	٥٣٤
MANNITOL	٤٢١	GMP	٥٣٤
MICROCRYSTALLINE CELLULOSE (CELLULOSE GEL)	٤٦٠(i)	GMP	٥٣٤
POLYSORBATES	٤٣٢-٤٣٦	٢٠٠٠mg/kg	XS٣٢٦, XS٣٢٧, XS٣٢٨
POWDERED CELLULOSE	٤٦٠(ii)	GMP	٥٣٤
SALTS OF MYRISTIC, PALMITIC AND STEARIC ACIDS WITH AMMONIA, CALCIUM, POTASSIUM AND SODIUM	٤٧٠(i)	GMP	٥٣٤
SALTS OF OLEIC ACID WITH CALCIUM, POTASSIUM AND SODIUM	٤٧٠(ii)	GMP	٥٣٤
SILICON DIOXIDE, AMORPHOUS	٥٥١	GMP	٥١ & ٥٣٤
SODIUM CARBONATE	٥٠٠(i)	GMP	٥٣٤
SODIUM HYDROGEN CARBONATE	٥٠٠(ii)	GMP	٥٣٤
SODIUM SESQUICARBONATE	٥٠٠(iii)	GMP	٥٣٤
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	٢٠٠٠ mg/kg	٤٢٢, XS٣٢٦, XS٣٢٧ & XS٣٢٨
TALC	٥٣٣(ii)	GMP	٥٣٤

Food Category No. ١٢,٢,٢		Seasonings and condiments	
Additive	INS	Max Level	Notes
ACESULFAME POTASSIUM	٩٥٠	٢٠٠٠ mg/kg	١٨٨, ٤٧٨
ADVANTAME	٩٦٩	٢٠ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٢٠٠٠ mg/kg	١١٩, ٤٧٧
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٥٠ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠٠ mg/kg	٣٤١, ٣٤٤
ERYTHRITOL	٩٦٨	GMP	٤٧٨
ISOMALT (HYDROGENATED ISOMALTULOSE)	٩٥٣	GMP	٤٧٨
LACTITOL	٩٦٦	GMP	٤٧٧
MALTITOL	٩٦٥(i)	GMP	٤٧٧
MALTITOL SYRUP	٩٦٥(ii)	GMP	٤٧٧
NEOTAME	٩٦١	٢٢ mg/kg	٤٧٨
SORBITOL	٤٢٠(i)	GMP	٤٧٧
SORBITOL SYRUP	٤٢٠(ii)	GMP	٤٧٧
XYLITOL	٩٦٧	GMP	٤٧٧

Food Category No. ١٢,٣		Vinegars	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٢٠ mg/kg	٢٧٧, ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٢٠٠٠ mg/kg	١١٣, ٢٧٧, ٤٧٧

Food Category No. ١٢,٤		Mustards	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣,٥ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٩ & ٤٧٨
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥ mg/kg	٣٤١, ٣٤٤

Food Category No. ١٢,٥		Soups and broths	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٢ mg/kg	٤٧٨ & XS١١٧
ASPARTAME-ACESULFAME SALT	٩٦٢	١١٠ mg/kg	١١٣, ١٣٨, ٤٧٧ & XS١١٧
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	١٥ mg/kg	٤٤٨
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	١٠ mg/kg	٤٤٨, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	١٠ mg/kg	٤٤٨, ٣٤١, ٣٤٤

Food Category No. ١٢,٦		Sauces and like products	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣,٥ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٩, ٤٧٧
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٨٠ mg/kg	XS٣٠٢
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٨٠ mg/kg	XS٣٠٢, ٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٨٠ mg/kg	XS٣٠٢, ٣٤١, ٣٤٤

Food Category No. ١٢,٦,١		Emulsified sauces and dips (e.g.	
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Additive	INS	Max Level	Notes
NISIN	٢٣٤	٥mg/kg	٢٣٣ & ٥٣٨
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	٢٠٠٠ mg/kg	٤٢٦

Food Category No. ١٢,٦,٢		Non-emulsified sauces (e.g. ketchup, cheese sauce, cream sauce, brown gravy)	
Additive	INS	Max Level	Notes
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	١٠ mg/kg	٨ & ٥٧٦
BROWN HT	١٥٥	٥٠ mg/kg	٥٧٦
CURCUMIN	١٠٠(i)	GMP	٥٧٦
NISIN	٢٣٤	٥ mg/kg	٢٣٣, XS٣٠٦ & ٥٣٨
PROPYLENE GLYCOL ALGINATE	٤٠٥	٨٠٠٠mg/kg	٥٧٦
PROPYLENE GLYCOL ESTERS OF FATTY ACIDS	٤٧٧	٢٠٠٠٠mg/kg	٥٧٦
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	١٠٠٠٠mg/kg	٥٣٧

Food Category No. ١٢,٦,٣		Mixes for sauces and gravies	
Additive	INS	Max Level	Notes
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	١٠٠٠٠ mg/kg	١٢٧

Food Category No. ١٢,٦,٤		Clear sauces (e.g. fish sauce)	
Additive	INS	Max Level	Notes
NISIN	٢٣٤	٥mg/kg	٢٣٣, XS٣٠٢ & ٥٣٨
SUCROSE ESTERS	٤٧٣, ٤٧٣a, ٤٧٤	١٠٠٠٠mg/kg	XS٣٠٢

Food Category No. ١٢,٧		Salads (e.g. macaroni salad, potato salad) and sandwich spreads excluding cocoa- and nut-based spreads of food categories ٠٤,٢,٢,٥ and ٠٥,١,٣	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٣,٥ mg/kg	١٦٦, ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٩, ١٦٦, ٤٧٧
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٠ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٠ mg/kg	٣٤١, ٣٤٤
NISIN	٢٣٤	٥mg/kg	٢٣٣ & ٥٣٨

Food Category No. ١٢,٩,١		Fermented soybean paste (e.g., miso)	
Additive	INS	Max Level	Notes
ACESULFAME POTASSIUM	٩٥٠	٣٥٠ mg/kg	٤٧٨

Food Category No. ١٣,١,١		Infant formulae	
Additive	INS	Max Level	Notes
CITRIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢c	٩٠٠٠ mg/kg	٣٨٠, ٣٨١ & ٥٥١
GUM ARABIC (ACACIA GUM)	٤١٤	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١

MANNITOL	٤٢١	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
PHOSPHATES	٣٣٨; ٣٣٩(i)-(iii); ٣٤٠(i)-(iii); ٣٤١(i)-(iii); ٣٤٢(i)-(ii); ٣٤٣(i)-(iii); ٤٥٠(i)-(iii),(v)-(vii), (ix); ٤٥١(i),(ii); ٤٥٢(i)-(v); ٥٤٢	٤٥٠ mg/kg	٣٣, ٢٣٠, ٣٨١, ٥٨٦, ٥٨٧ & ٥٥١
SILICON DIOXIDE, AMORPHOUS	٥٥١	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
SODIUM ASCORBATE	٣٠١	٧٥ mg/kg	٨٣, ٣٨١, ٥٩١ & ٥٥١
STARCH SODIUM OCTENYL SUCCINATE	١٤٥٠	٢٠٠٠ mg/kg	٣٧٦, ٣٨١, ٥٩٠ & ٥٥١

Food Category No. ١٣,١,٢	Follow-up formulae		
Additive	INS	Max Level	Notes
CARBON DIOXIDE	٢٩٠	GMP	٥٩
GUM ARABIC (ACACIA GUM)	٤١٤	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
MANNITOL	٤٢١	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
NITROGEN	٩٤١	GMP	٥٩

Food Category No. ١٣,١,٣	Formulae for special medical purposes for infants		
Additive	INS	Max Level	Notes
CITRIC AND FATTY ACID ESTERS OF GLYCEROL	٤٧٢c	٩٠٠ mg/kg	٣٨٠, ٣٨١ & ٥٥١
GUM ARABIC (ACACIA GUM)	٤١٤	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
MANNITOL	٤٢١	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
PECTINS	٤٤٠	٢٠٠ mg/kg	١٤, ٣٨١ & ٥٥١
PHOSPHATES	٣٣٨; ٣٣٩(i)-(iii); ٣٤٠(i)-(iii); ٣٤١(i)-(iii); ٣٤٢(i)-(ii); ٣٤٣(i)-(iii); ٤٥٠(i)-(iii),(v)-(vii), (ix); ٤٥١(i),(ii); ٤٥٢(i)-(v); ٥٤٢	٤٥٠ mg/kg	٣٣, ٢٣٠, ٥٨٦, ٥٨٧ & ٥٥١
SILICON DIOXIDE, AMORPHOUS	٥٥١	١٠ mg/kg	٣٨١, ٥٨٩ & ٥٥١
SODIUM ASCORBATE	٣٠١	٧٥ mg/kg	٨٣, ٣٨١, ٥٩١ & ٥٥١
XANTHAN GUM	٤١٥	١٠٠٠ mg/kg	٣٨١, ٥٨٨ & ٥٥١

Food Category No. ١٣,٢	Complementary foods for infants and young children		
Additive	INS	Max Level	Notes
MANNITOL	٤٢١	١٠ mg/kg	٥٩٢ & XS٧٣

Food Category No. ١٣,٣	Dietetic foods intended for special medical purposes (excluding products of food category ١٣,١)		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨

Additive	INS	Max Level	Notes
ASCORBYL ESTERS	٣٠٤, ٣٠٥	١٠ mg/kg	١٨٧ & ٥٦٠
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٥٠ mg/kg	XS١١٨, ٣٤١, ٣٤٤ & ٥٦٦
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٥٠ mg/kg	XS١١٨, ٣٤١, ٣٤٤ & ٥٦٦

Food Category No. ١٣,٤	Dietetic formulae for slimming purposes and weight reduction
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Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٨ mg/kg	٤٧٨
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٨ mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٨ mg/kg	٣٤١, ٣٤٤

Food Category No. ١٣,٥	Dietetic foods (e.g. supplementary foods for dietary use) excluding products of food categories ١٣,١ - ١٣,٤ and ١٣,٦
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Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨

Food Category No. ١٣,٦	Food supplements
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Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٥٥ mg/kg	٤٧٨
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠b(i)	٢٠٠ mg/kg	٨ & ٥٣٩
ANNATTO EXTRACTS, NORBIXIN-BASED	١٦٠b(ii)	١٠٠ mg/kg	١٨٥ & ٥٣٩
AZORUBINE (CARMOISINE)	١٢٢	٣٠٠ mg/kg	٥٣٩ & ٥٣٣
BRILLIANT BLACK (BLACK PN)	١٥١	٥٣٠ mg/kg	٥٣٩
BROWN HT	١٥٥	٣٠٠ mg/kg	٥٣٩
CARAMEL II - SULFITE CARAMEL	١٥٠b	٧٥٠٠ mg/kg	
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٢١٠ mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٢٢٠ mg/kg	٣٤١, ٣٤٤, ٥٣٩
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٢٢٠ mg/kg	٣٤١, ٣٤٤, ٥٣٩
CURCUMIN	١٠٠(i)	٣٠٠ mg/kg	٥٣٩
PAPRIKA EXTRACT	١٦٠c(ii)	١٠٠ mg/kg	٣٩ & ٥٣٩
TARTRAZINE	١٠٢	٣٠٠ mg/kg	٥٣٩

Food Category No. ١٤,١,٢	Fruit and vegetable juices
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Additive	INS	Max Level	Notes
XANTHAN GUM	٤١٥	GMP	XS٢٤٧

Food Category No. ١٤,١,٢,٢	Vegetable juice
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Additive	INS	Max Level	Notes
PECTINS	٤٤٠	GMP	٣٥

Food Category No. ١٤,١,٢,٤	Concentrates for vegetable juice
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Additive	INS	Max Level	Notes
PECTINS	٤٤٠	GMP	٣٥

Food Category No. ١٤,١,٣		Fruit and vegetable nectars	
Additive	INS	Max Level	Notes
TAMARIND SEED	٤٣٧	GMP	XS٢٤٧
POLYSACCHARIDE			
XANTHAN GUM	٤١٥	GMP	XS٢٤٧
Food Category No. ١٤,١,٣,١		Fruit nectar	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٦ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٣ & ٤٧٧
NEOTAME	٩٦١	٦٥ mg/kg	٤٧٨
Food Category No. ١٤,١,٣,٢		Vegetable nectar	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٦ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٣, ٤٧٧
Food Category No. ١٤,١,٣,٣		Concentrates for fruit nectar	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٦ mg/kg	١٢٧, ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٣, ١٢٧, ٤٧٧
BENZOATES	٢١٠ - ٢١٣	١٠٠٠ mg/kg	١٣, ٩١, ١٢٢ & ١٢٧
CITRIC ACID	٣٣٠	٥٠٠٠ mg/kg	١٢٧
NEOTAME	٩٦١	٦٥ mg/kg	١٢٧, ٤٧٨
Food Category No. ١٤,١,٣,٤		Concentrates for vegetable nectar	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٦ mg/kg	١٢٧, ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٣٥٠ mg/kg	١١٣, ١٢٧, ٤٧٧
PHOSPHATES	٣٣٨; ٣٣٩(i)-(iii); ٣٤٠(i)-(iii); ٣٤١(i)-(iii); ٣٤٢(i)-(ii); ٣٤٣(i)-(iii); ٤٥٠(i)-(iii),(v)-(vii), (ix); ٤٥١(i),(ii); ٤٥٢(i)-(v); ٥٤٢	١٠٠٠ mg/kg	٣٣, ٤٠ & ١٢٧
SACCHARINS	٩٥٤(i)-(iv)	٨٠ mg/kg	٥٠٠, ١٢٧ & ٤٧٧
TARTRATES	٣٣٤, ٣٣٥(ii), ٣٣٧	١٦٠٠ mg/kg	٤٥, ١٢٧, ١٢٨
Food Category No. ١٤,١,٤		Water-based flavoured drinks, including "sport," "energy," or "electrolyte" drinks and particulated drinks	
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	١٠ mg/kg	٤٧٨
ALLURA RED AC	١٢٩	١٥٠ mg/kg	١٢٧
ANNATTO EXTRACTS, BIXIN-BASED	١٦٠ b(i)	٣٠ mg/kg	٨ & ١٢٧
ASPARTAME-ACESULFAME SALT	٩٦٢	٦٠٠ mg/kg	١١٩ & ٤٧٧
AZORUBINE (Carmoisine)	١٢٢	٩٥ mg/kg	١٢٧
BRILLIANT BLACK (BLACK PN)	١٥١	١٠ mg/kg	١٢٧
CAROTENAL, BETA-APO-٨'- (١٦٠ e)	١٦٠ e	١٠ mg/kg	١٢٧
CAROTENES, BETA-	١٦٠ a(i), a(iii), a(iv)	٢٥ mg/kg	٣٤١, ٣٤٤, ١٢٧
CAROTENES, BETA-, VEGETABLE	١٦٠ a(ii)	٢٥ mg/kg	٣٤١, ٣٤٤, ١٢٧

Additive	INS	Max Level	Notes
CURCUMIN	١٠٠(i)	٦٠ mg/kg	١٢٧
SUCROSE ESTERS OF FATTY ACIDS	٤٧٣, ٤٧٣a, ٤٧٤	٢٠٠ mg/kg	٢١٩

Food Category No. ١٤,١,٥	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal and grain beverages, excluding cocoa		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٦ mg/kg	١٦٠ & ٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٦٠٠ mg/kg	١١٩, ١٦٠ & ٤٧٧
CARAMEL I - PLAIN CARAMEL	١٥٠a	GMP	١٦٠ & ٢٠١
ERYTHRITOL	٩٦٨	١٦٠٠ mg/kg	١٦٠, ٣٨١ & ٤٧٨
MALTITOL	٩٦٥(i)	GMP	١٦٠ & ٤٧٧
MALTITOL SYRUP	٩٦٥(ii)	GMP	١٦٠ & ٤٧٧
PHOSPHATES	٣٣٨; ٣٣٩(i)-(iii); ٣٤٠(i)-(iii); ٣٤١(i)-(iii); ٣٤٢(i)-(ii); ٣٤٣(i)-(iii); ٤٥٠(i)-(iii),(v)-(vii), (ix); ٤٥١(i),(ii); ٤٥٢(i)-(v); ٥٤٢	٣٠٠ mg/kg	٣٣ & ١٦٠
POLYGLYCEROL ESTERS OF FATTY ACIDS	٤٧٥	٥٠٠٠ mg/kg	١٢٧
PULLULAN	١٢٠٤	GMP	١٦٠
SACCHARINS	٩٥٤(i)-(iv)	٢٠٠ mg/kg	٥٠٠, ١٦٠ & ٤٧٧
SALTS OF MYRISTIC, PALMITIC AND STEARIC ACIDS WITH AMMONIA, CALCIUM, POTASSIUM AND SODIUM	٤٧٠(i)	GMP	١٦٠
SALTS OF OLEIC ACID WITH CALCIUM, POTASSIUM AND SODIUM	٤٧٠(ii)	GMP	١٦٠
SHELLAC, BLEACHED	٩٠٤	GMP	١٠٨
SILICON DIOXIDE, AMORPHOUS	٥٥١	GMP	٣٢١
SODIUM ACETATE	٢٦٢(i)	GMP	١٦٠
SODIUM ALGINATE	٤٠١	GMP	١٦٠
SODIUM ASCORBATE	٣٠١	GMP	١٦٠
SODIUM CARBONATE	٥٠٠(i)	GMP	١٦٠
THAUMATIN	٩٥٧	GMP	١٦٠ & ٤٧٨

Food Category No. ١٤,٢	malt beverages		
Additive	INS	Max Level	Notes
CARAMEL II - SULFITE CARAMEL	١٥٠b	٥٠٠٠ mg/kg	
CURCUMIN	١٠٠(i)	٢٠٠ mg/kg	
STEVIOLE GLYCOSIDES	٩٦٠a, ٩٦٠b, ٩٦٠c, ٩٦٠d	٧٠ mg/kg	٢٦

Food Category No. ١٥,٠	Ready-to-eat savouries		
Additive	INS	Max Level	Notes
ADVANTAME	٩٦٩	٥ mg/kg	٤٧٨
ASPARTAME-ACESULFAME SALT	٩٦٢	٥٠٠ mg/kg	١١٩ & ١٤٤

Food Category No. ١٥,١	Snacks - potato, cereal, flour or starch		
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based (from roots and tubers, pulses and legumes)			
Additive	INS	Max Level	Notes
CAROTENAL, BETA-APO-٨'- (١٦٠e)	١٦٠e	٣٠mg/kg	
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٣٠mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٣٠mg/kg	٣٤١, ٣٤٤
SUCROSE ESTERS OF FATTY ACIDS	٤٧٣, ٤٧٣a, ٤٧٤	٥٠٠٠ mg/kg	٤٣٣
Food Category No. ١٥,٢ Processed nuts, including coated nuts and nut mixtures (with e.g. dried fruit)			
Additive	INS	Max Level	Notes
CAROTENES, BETA-	١٦٠a(i),a(iii),a(iv)	٣٠mg/kg	٣٤١, ٣٤٤
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٣٠mg/kg	٣٤١, ٣٤٤
Food Category No. ١٥,٣ Snacks - fish based			
Additive	INS	Max Level	Notes
CAROTENES, BETA-, VEGETABLE	١٦٠a(ii)	٤ mg/kg	٣٤١

جدول رقم (٣)

المواد المضافة المسموح استخدامها في المنتجات الغذائية بشكل عام وفقاً لممارسات التصنيع الجيد (GMP) مالم ينص خلاف ذلك في جدول رقم ١ و ٢ وملحق (أ)

INS No	Additive	Functional Class
١٦٣	Anthocyanins	Colour
١٦٠b	Annatto	Colour
١٦٣(iii)	Blackcurrant extract	Colour
١٧٠(i)	Calcium carbonate	Acidity regulator, Anticaking agent, Firming agent, Flour treatment agent, Stabilizer
١٥٠ b	Caustic suphtile caramel	Colour
١٠٠(i)	Curcumin	Colour
١٦١b(i)	Lutein from Tagetes erecta	Colour
١٢٠٥	Methacrylate copolymer, basic (BMC)	Carrier, Glazing agent
١٦٠c	Paprika extract	Colour
١٣٤	Spirulina Extract	Colour
١٦١h(i)	Zeaxanthin, synthetic	Colour

