

## CODEX GENERAL STANDARD FOR FOOD ADDITIVES

### TABLE THREE

#### Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Accordance with GMP



INS No	Additive	Step	Year
260	Acetic Acid, Glacial	Adopted	1999
472a	Acetic and Fatty Acid Esters of Glycerol	Adopted	1999
1422	Acetylated Distarch Adipate	Adopted	1999
1414	Acetylated Distarch Phosphate	Adopted	1999
1451	Acetylated Oxidized Starch	Adopted	2005
1401	Acid Treated Starch	Adopted	1999
406	Agar	Adopted	1999
400	Alginic Acid	Adopted	1999
1402	Alkaline Treated Starch	Adopted	1999
1100	Alpha-Amylase ( <i>Aspergillus oryzae</i> var.)	Adopted	1999
1100	Alpha-Amylase ( <i>Bacillus Megaterium</i> expressed in <i>Bacillus Subtilis</i> )	Adopted	1999
1100	Alpha-Amylase ( <i>Bacillus Stearothermophilus</i> expressed in <i>Bacillus Subtilis</i> )	Adopted	1999
1100	Alpha-Amylase ( <i>Bacillus Stearothermophilus</i> )	Adopted	1999
1100	Alpha-Amylase ( <i>Bacillus subtilis</i> )	Adopted	1999
1100	Alpha-Amylase (Carbohydrase) ( <i>Bacillus licheniformis</i> )	Adopted	1999
559	Aluminium Silicate	Adopted	1999
264	Ammonium Acetate	Adopted	1999
403	Ammonium Alginate	Adopted	1999
503i	Ammonium Carbonate	Adopted	1999

<b>INS No</b>	<b>Additive</b>	<b>Step</b>	<b>Year</b>
510	Ammonium Chloride	Adopted	1999
380	Ammonium Citrate	Adopted	1999
503ii	Ammonium Hydrogen Carbonate	Adopted	1999
527	Ammonium Hydroxide	Adopted	1999
328	Ammonium Lactate	Adopted	1999
300	Ascorbic Acid	Adopted	1999
162	Beet Red	Adopted	1999
1403	Bleached Starch	Adopted	1999
1101iii	Bromelain	Adopted	1999
263	Calcium Acetate	Adopted	1999
404	Calcium Alginate	Adopted	1999
556	Calcium Aluminium Silicate	Adopted	1999
302	Calcium Ascorbate	Adopted	1999
170i	Calcium Carbonate	Adopted	1999
509	Calcium Chloride	Adopted	1999
333	Calcium Citrates	Adopted	1999
578	Calcium Gluconate	Adopted	1999
623	Calcium Glutamate, Di-L-	Adopted	1999
629	Calcium Guanylate, 5'-	Adopted	1999
526	Calcium Hydroxide	Adopted	1999
633	Calcium Inosinate, 5'-	Adopted	1999
327	Calcium Lactate	Adopted	1999
352ii	Calcium Malate	Adopted	1999
529	Calcium Oxide	Adopted	1999
282	Calcium Propionate	Adopted	1999
634	Calcium Ribonucleotides, 5'-	Adopted	1999
552	Calcium Silicate	Adopted	1999
516	Calcium Sulphate	Adopted	1999
150a	Caramel Colour, Class I - Plain	Adopted	1999
290	Carbon Dioxide	Adopted	1999
410	Carob Bean Gum	Adopted	1999
407	Carrageenan	Adopted	1999

<b>INS No</b>	<b>Additive</b>	<b>Step</b>	<b>Year</b>
140	Chlorophylls	Adopted	1999
1001	Choline Salts	Adopted	1999
330	Citric Acid	Adopted	1999
472c	Citric and Fatty Acid Esters of Glycerol	Adopted	1999
468	Cross-linked Carboxymethyl Cellulose	Adopted	2005
424	Curdlan	Adopted	2001
457	Cyclodextrin, Alpha	Adopted	2005
458	Cyclodextrin, Gamma-	Adopted	2001
1400	Dextrins, White and Yellow Roasted Starch	Adopted	1999
628	Dipotassium Guanylate, 5'-	Adopted	1999
632	Dipotassium Inosinate, 5'-	Adopted	1999
627	Disodium Guanylate, 5'-	Adopted	1999
631	Disodium Inosinate, 5'-	Adopted	1999
635	Disodium Ribonucleotides, 5'-	Adopted	1999
1412	Distarch Phosphate	Adopted	1999
1405	Enzyme Treated Starch	Adopted	1999
315	Erythorbic Acid	Adopted	1999
968	Erythritol	Adopted	2001
462	Ethyl Cellulose	Adopted	1999
467	Ethyl Hydroxyethyl Cellulose	Adopted	1999
297	Fumaric Acid	Adopted	1999
418	Gellan Gum	Adopted	1999
575	Glucono Delta-Lactone	Adopted	1999
1102	Glucose Oxidase ( <i>Aspergillus niger</i> var.)	Adopted	1999
620	Glutamic Acid (L(+)-)	Adopted	1999
422	Glycerol	Adopted	1999
626	Guanylic Acid, 5'-	Adopted	1999
412	Guar Gum	Adopted	1999
414	Gum Arabic	Adopted	1999
507	Hydrochloric Acid	Adopted	1999
463	Hydroxypropyl Cellulose	Adopted	1999
1442	Hydroxypropyl Distarch Phosphate	Adopted	1999

<b>INS No</b>	<b>Additive</b>	<b>Step</b>	<b>Year</b>
464	Hydroxypropyl Methyl Cellulose	Adopted	1999
1440	Hydroxypropyl Starch	Adopted	1999
630	Inosinic Acid, 5'-	Adopted	1999
1202	Insoluble Polyvinylpyrrolidone	Adopted	1999
953	Isomalt	Adopted	1999
416	Karaya Gum	Adopted	1999
425	Konjac Flour	Adopted	1999
270	Lactic Acid (L-, D- and DL-)	Adopted	1999
472b	Lactic and Fatty Acid Esters of Glycerol	Adopted	1999
966	Lactitol	Adopted	1999
322	Lecithins	Adopted	1999
1104	Lipase (Animal Sources)	Adopted	1999
1104	Lipase ( <i>Aspergillus Oryzae</i> var.)	Adopted	1999
504i	Magnesium Carbonate	Adopted	1999
511	Magnesium Chloride	Adopted	1999
580	Magnesium Gluconate	Adopted	1999
625	Magnesium Glutamate, DI-L-	Adopted	1999
504ii	Magnesium Hydrogen Carbonate	Adopted	1999
528	Magnesium Hydroxide	Adopted	1999
329	Magnesium Lactate (DL-)	Adopted	1999
530	Magnesium Oxide	Adopted	1999
553i	Magnesium Silicate (Synthetic)	Adopted	1999
296	Malic Acid (DL-)	Adopted	1999
965	Maltitol and Maltitol Syrup	Adopted	1999
421	Mannitol	Adopted	1999
461	Methyl Cellulose	Adopted	1999
465	Methyl Ethyl Cellulose	Adopted	1999
460i	Microcrystalline Cellulose	Adopted	1999
471	Mono- and Diglycerides	Adopted	1999
624	Monoammonium Glutamate, L-	Adopted	1999
622	Monopotassium Glutamate, L-	Adopted	1999
621	Monosodium Glutamate, L-	Adopted	1999

<b>INS No</b>	<b>Additive</b>	<b>Step</b>	<b>Year</b>
1410	Monostarch Phosphate	Adopted	1999
941	Nitrogen	Adopted	1999
942	Nitrous Oxide	Adopted	1999
1404	Oxidized Starch	Adopted	1999
1101ii	Papain	Adopted	1999
440	Pectins	Adopted	1999
1413	Phosphated Distarch Phosphate	Adopted	1999
1200	Polydextroses A and N	Adopted	1999
964	Polyglycitol Syrup	Adopted	2001
261	Potassium Acetates	Adopted	1999
402	Potassium Alginate	Adopted	1999
303	Potassium Ascorbate	Adopted	1999
501i	Potassium Carbonate	Adopted	1999
508	Potassium Chloride	Adopted	1999
332i	Potassium Dihydrogen Citrate	Adopted	1999
577	Potassium Gluconate	Adopted	1999
501ii	Potassium Hydrogen Carbonate	Adopted	1999
351i	Potassium Hydrogen Malate	Adopted	1999
525	Potassium Hydroxide	Adopted	1999
326	Potassium Lactate	Adopted	1999
351ii	Potassium Malate	Adopted	1999
283	Potassium Propionate	Adopted	1999
515	Potassium Sulphate	Adopted	1999
460ii	Powdered Cellulose	Adopted	1999
407a	Processed Eucheuma Seaweed	Adopted	2001
944	Propane	Adopted	1999
280	Propionic Acid	Adopted	1999
1101i	Protease ( <i>Aspergillus oryzae</i> var.)	Adopted	1999
1204	Pullulan	4	
470i	Salts of Myristic, Palmitic & Stearic Acids (NH <sub>4</sub> , Ca, K, Na)	Adopted	1999
470ii	Salts of Oleic Acid (Ca, K, Na)	Adopted	1999
551	Silicon Dioxide (Amorphous)	Adopted	1999

<b>INS No</b>	<b>Additive</b>	<b>Step</b>	<b>Year</b>
262i	Sodium Acetate	Adopted	1999
401	Sodium Alginate	Adopted	1999
554	Sodium Aluminosilicate	Adopted	1999
301	Sodium Ascorbate	Adopted	1999
500i	Sodium Carbonate	Adopted	1999
466	Sodium Carboxymethyl Cellulose	Adopted	1999
469	Sodium Carboxymethyl Cellulose, Enzymatically Hydrolyzed	Adopted	2001
331i	Sodium Dihydrogen Citrate	Adopted	1999
316	Sodium Erythorbate	Adopted	1999
365	Sodium Fumarate	Adopted	1999
576	Sodium Gluconate	Adopted	1999
500ii	Sodium Hydrogen Carbonate	Adopted	1999
350i	Sodium Hydrogen Malate	Adopted	1999
524	Sodium Hydroxide	Adopted	1999
325	Sodium Lactate	Adopted	1999
350ii	Sodium Malate	Adopted	1999
281	Sodium Propionate	Adopted	1999
500iii	Sodium Sesquicarbonate	Adopted	1999
514	Sodium Sulphate	Adopted	2001
420	Sorbitol and Sorbitol Syrup	Adopted	1999
1420	Starch Acetate	Adopted	1999
1450	Starch Sodium Octenyl Succinate	Adopted	1999
553iii	Talc	Adopted	1999
417	Tara Gum	Adopted	1999
957	Thaumatococcus	Adopted	1999
171	Titanium Dioxide	Adopted	1999
413	Tragacanth Gum	Adopted	1999
1518	Triacetin	Adopted	1999
380	Triammonium Citrate	Adopted	1999
332ii	Tripotassium Citrate	Adopted	1999
331iii	Trisodium Citrate	Adopted	1999
415	Xanthan Gum	Adopted	1999

<b>INS No</b>	<b>Additive</b>	<b>Step</b>	<b>Year</b>
967	Xylitol	Adopted	1999

**ANNEX TO TABLE 3****Food Categories or Individual Food Items Excluded from the General Conditions of Table Three**

The use of additives listed in Table Three in the following foods is governed by the provisions in Tables One and Two.

<b>Category Number</b>	<b>Food Category</b>
01.1.1	Milk and buttermilk (excluding heat-treated buttermilk)
01.2	Fermented and renneted milk products (plain) excluding food category 01.1.2 (dairy based drinks)
01.4.1	Pasteurized cream
01.4.2	Sterilized, UHT, whipping or whipped, and reduced fat creams
01.6.3	Whey Cheese
01.6.6	Whey protein cheese
01.8.2	Dried whey and whey products, excluding whey cheese
02.1	Fats and oils essentially free from water
02.2.1.1	Butter and concentrated butter
02.2.1.2	Margarine
04.1.1	Fresh fruit
04.2.1	Fresh vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds
04.2.2.1	Frozen vegetables (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), seaweeds, and nuts and seeds
04.2.2.7	Fermented vegetable (including mushrooms and fungi, roots and tubers, pulses and legumes, and aloe vera), and seaweed products, excluding fermented soybean products of food category 12.10
06.1	Whole, broken or flaked grain, including rice
06.2	Flours and starches
06.4.1	Fresh pastas and noodles and like products
06.4.2	Dried pastas and noodles and like products
08.1	Fresh meat, poultry, and game
09.1	Fresh fish and fish products, including mollusks, crustaceans and echinoderms
09.2	Processed fish and fish products, including mollusks, crustaceans and echinoderms
10.1	Fresh eggs
10.2.1	Liquid egg products
10.2.2	Frozen egg products
11.1	Refined and raw sugars
11.2	Brown sugar, excluding products of food category 11.1.3 (soft white sugar, soft brown sugar, glucose syrup, dried glucose syrup, raw cane sugar)
11.3	Sugar solutions and syrups, also (partially inverted, including treacle and molasses, excluding products of food category 11.1.3 (soft white sugar, soft brown sugar, glucose syrup, dried glucose syrup, raw cane sugar)
11.4	Other sugars and syrups (e.g., xylose, maple syrup, sugar toppings)
11.5	Honey
12.1	Salt and salt substitutes
12.2.1	Herbs and spices ( <u>Only</u> herbs)
13.1	Infant formulae, follow-up formulae, and formulae for special medical purposes for infants
13.2	Complementary foods for infants and young children
14.1.1	Waters
14.1.2	Fruit and vegetable juices
14.1.3	Fruit and vegetable nectars
14.1.5	Coffee, coffee substitutes, tea, herbal infusions, and other hot cereal beverages, excluding cocoa
14.2.3	Grape wines