

codex alimentarius commission E



FOOD AND AGRICULTURE
ORGANIZATION
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Agenda Item 2

CX/MMP 10/9/2 Add.1

December 2009

JOINT FAO/WHO FOOD STANDARDS PROGRAMME CODEX COMMITTEE ON MILK AND MILK PRODUCTS

Ninth Session

Auckland, New Zealand, 1-5 February 2009

MATTERS REFERRED FROM THE CODEX ALIMENTARIUS COMMISSION AND OTHER CODEX COMMITTEES AND TASK FORCES

REVIEW OF THE INCONSISTENCIES IN THE NAMES OF FOOD ADDITIVES IN STANDARDS FOR MILK AND MILK PRODUCTS WITH INS NOMENCLATURE¹

(prepared by the Codex Secretariat)

1. This document presents the results of the review of the inconsistencies of the names of food additives in standards for milk and milk products with the INS nomenclature of the Codex *Class Names and International Numbering System* (CAC/GL 36-1989) (see CX/MMP 10/9/2 para. 16).

Part. 1 - Standards which do not require amendments

2. The following standards do not require any amendments:

- *Standard for Butter* (CODEX STAN 279-1971);
- *Standard for Milkfat Products* (CODEX STAN 280-1973);
- *Standard for Evaporated Milks* (CODEX STAN 281-1971);
- *Standard for Sweetened Condensed Milks* (CODEX STAN 282-1973);
- *Group Standard for Cheese in Brine* (CODEX STAN 208-1999).

Part. 2 - Standards which need only editorial amendments

3. The following standards require only editorial amendments to align the names of food additives with the nomenclature of CAC/GL 36-1989. Editorial amendments are presented in the Annex (deletion in ~~double strikethrough~~ font and addition in **bold / underlined** font):

- *Standard for Milk Powders and Cream Powder* (CODEX STAN 207-1999);
- *Standard for a Blend of Evaporated Skimmed Milk and Vegetable Fat* (CODEX STAN 250-2006);
- *Standard for a Blend of Skimmed Milk and Vegetable Fat* (CODEX STAN 251-2006);
- *Standard for a Blend of Sweetened Condensed Milk and Vegetable Fat* (CODEX STAN 252-2006);
- *Standard for a Fat Spreads and Blended Spreads* (CODEX STAN 256-2007);
- *Standard for Mozzarella* (CODEX STAN 262-2007);
- *Standard for Emmental* (CODEX STAN 269-1967);
- *Standard for Cottage Cheese* (CODEX STAN 273-1968);

¹ Due to the nature of the matters covered, this document is available in English only.

- *Standard for Coulommiers* (CODEX STAN 274-1969);
- *Standard for Cream Cheese* (CODEX STAN 275-2007);
- *Standard for Camembert* (CODEX STAN 276-2007);
- *Standard for Brie* (CODEX STAN 277-2007); *Standard for Cream and Prepared Creams* (CODEX STAN 288-1976);
- *General Standard for Whey Cheeses* (CODEX STAN 289-1995);
- *Standard for Edible Casein Products* (CODEX STAN 290-1995).

4. The Committee **is asked** to agree with the editorial amendments proposed, as presented in the Annex

Part. 3 - Standards which need clarifications in addition to editorial amendments

5. The Committee is asked to clarify the following inconsistencies (grey shaded in the Annex to this document).

Standard for Unripened Cheese including Fresh Cheese (CODEX STAN 221-2001); *Standard for Cheese* (CODEX STAN 283-1978) /

6. The Committee **is asked to clarify** if “chlorophylls, copper complexes (INS 141) corresponds to: (i) chlorophylls and chlorophyllins, copper complexes (INS 141); or (ii) chlorophylls, copper complexes (INS 141(i)); or chlorophyllins, copper complexes, potassium and sodium salts (INS 141(ii)).

Standard for Fermented Milks (CODEX STAN 243-2003)

7. The Committee **is asked to clarify**:

- if “disodium tartrate” (INS 335(ii)) should be replaced by sodium L(+)-tartrate (INS 335(ii));
- if “zeaxanthin”(INS 161h(i)) should be replaced by: zeaxanthins (INS 161h); or zeaxanthin (synthetic) (INS 161h(i)); or zeaxanthin-rich extract from *Tagetes erecta* (“INS 161h(ii));

Standard for Dairy Fat Spreads (CODEX STAN 253-2006)

8. The Committee **is asked to clarify** if alpha-tocopherol” (INS 307) should be replaced by: d-*alpha*-tocopherol (INS 307a); or dl-*alpha*- tocopherol (INS 307c).

Standard for Cheddar (CODEX STAN 263-1966); *Standard for Danbo* (CODEX STAN 264-1966); *Standard for Edam* (CODEX STAN 265-1966); *Standard for Gouda* (CODEX STAN 266-1966); *Standard for Havarti* (CODEX STAN 267-1966); *Standard for Samsøe* (CODEX STAN 268-1966); *Standard for Tilsiter* (CODEX STAN 270-1968); *Standard for Saint-Paulin* (CODEX STAN 271-1968); *Standard for Provolone* (CODEX STAN 272-1968);

9. The Committee **is asked to clarify** which food additive should be listed: i.e. “potassium propionate” (INS 283) or calcium propionate (INS 282).

10. In addition, the The Committee **is asked** to agree with the editorial amendments proposed for the above listed standards, as presented in the Annex to this document.

Part. 4 – Other standards

11. It is suggested to consider the editorial amendments, presented in the Annex to this document, of the general standards for: *Named Variety Process(ed) Cheese and Spreadable Process(ed) Cheese* (CODEX STAN 285-1978), *Process(ed) Cheese and Spreadable Process(ed) Cheese* (CODEX STAN 286-1978) and *Process(ed) Cheese Preparations (Process(ed) Cheese Food and Process(ed) Cheese Spread)* (CODEX STAN 287-1978) in the light of the outcomes of the discussion under Agenda Item 4 “Report of the physical Working Group on the proposed draft Standard for Processed Cheese”.

Annex**REVIEW OF THE INCONSISTENCIES IN THE NAMES OF FOOD ADDITIVES IN STANDARDS FOR MILK AND MILK PRODUCTS WITH INS NOMENCLATURE²****STANDARD FOR MILK POWDERS AND CREAM POWDER (CODEX STAN 207-1999)**

INS No.	Name	Maximum Level
Stabilizers		
331	Sodium citrates	5 g/kg singly or in combination, expressed as anhydrous substances
332	Potassium citrates	
Firming agents		
508	Potassium chloride	Limited by GMP
509	Calcium chloride	Limited by GMP
Acidity Regulators		
339	Sodium phosphates	5 g/kg singly or in combination expressed as anhydrous substances
340	Potassium phosphates	
450	Diphosphates	
451	Triphosphates	
452	Polyphosphates	
500	Sodium carbonates	
501	Potassium carbonates	
Emulsifiers		
322	Lecithins (or phospholipids from natural sources)	Limited by GMP
471	Mono- and diglycerides of fatty acids	2.5 g/kg
Anticaking Agents		
170(i)	Calcium carbonate	10 g/kg singly or in combination
341(iii)	Tricalcium ortho phosphate	
343(iii)	Trimagnesium ortho phosphate	
504(i)	Magnesium carbonate	
530	Magnesium oxide	
551	Silicon dioxide, amorphous	
552	Calcium silicate	
553	Magnesium silicates	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	
Antioxidants		
300	L-Ascorbic acid	0.5 g/kg expressed as ascorbic acid
301	Sodium ascorbate	
304	Ascorbyl palmitate	
320	Butylated hydroxyanisole (BHA)	0.01% m/m

GROUP STANDARD FOR CHEESES IN BRINE (CODEX STAN 208-1999)

INS No	Name	Maximum Level
Acidity regulators		
270	Lactic acid (L-, D- and DL-)	Limited by GMP
575	Glucono delta-lactone (GDL)	Limited by GMP

GROUP STANDARD FOR UNRIPENED CHEESE INCLUDING FRESH CHEESE (CODEX STAN 221-2001)

INS No.	Name	Maximum Level
Acid		
260	Acetic acid, glacial	Limited by GMP
270	Lactic acid (L-, D- and DL-)	Limited by GMP
296	Malic acid (DL-)	Limited by GMP
330	Citric acid	Limited by GMP
338	Ortho phosphoric acid	2 g/kg expressed as P ₂ O ₅
507	Hydrochloric acid	Limited by GMP
Acidity Regulators		
170	Calcium carbonates	Limited by GMP
500	Sodium carbonates	Limited by GMP
501	Potassium carbonates	Limited by GMP

² Editorial amendments are presented as follows: deletion in ~~double-strikethrough~~ font and addition in **bold / underlined** font. Food additives names which require clarification by the Committee are grey shaded.

INS No.	Name	Maximum Level
575	Glucono delta-lactone (GDL)	Limited by GMP
Stabilizers/thickeners		
Stabilizers and thickeners including modified starches may be used in compliance with the definition for milk products and only to the extent they are functionally necessary taking into account any use of gelatine and starch as provided for in section 3.2.		
331	Sodium citrates	Limited by GMP
332	Potassium citrates	Limited by GMP
333	Calcium citrates	Limited by GMP
339	Sodium phosphates	3.5 g/kg, singly or in combination, expressed as P ₂ O ₅
340	Potassium phosphates	
341	Calcium phosphates	
450(i)	Disodium diphosphate	
450(ii)	Trisodium diphosphate	
541	Sodium aluminium phosphate	
400	Alginic acid	Limited by GMP
401	Sodium alginate	Limited by GMP
402	Potassium alginate	Limited by GMP
403	Ammonium alginate	Limited by GMP
404	Calcium alginate	Limited by GMP
405	Propylene glycol alginate	5 mg/kg
406	Agar	Limited by GMP
407	Carrageenan and its Na, K, NH₄ salts (includes Furcelleran)	Limited by GMP
410	Carob bean gum	Limited by GMP
412	Guar gum	Limited by GMP
413	Tragacanth gum	Limited by GMP
415	Xanthan gum	Limited by GMP
416	Karaya gum	Limited by GMP
417	Tara gum	Limited by GMP
440	Pectins	Limited by GMP
460	Celluloses	Limited by GMP
466	Sodium carboxymethyl cellulose (<u>cellulose gum</u>)	Limited by GMP
576	Sodium gluconate	Limited by GMP
<i>Modified starches as follows:</i>		
1400	Dextrins, roasted starch white and yellow	Limited by GMP
1401	Acid-treated starch	Limited by GMP
1402	Alkaline treated starch	Limited by GMP
1403	Bleached starched	Limited by GMP
1404	Oxidized starch	Limited by GMP
1405	Starches, enzyme-treated	Limited by GMP
1410	Monostarch phosphate	Limited by GMP
1412	Distarch phosphate esterified with sodium trimetaphosphate; esterified with phosphorus oxychloride	Limited by GMP
1413	Phosphated distarch phosphate	Limited by GMP
1414	Acetylated distarch phosphate	Limited by GMP
1420	Starch acetate esterified with acetic anhydride	Limited by GMP
1421	Starch acetate esterified with vinyl acetate	Limited by GMP
1422	Acetylated distarch adipate	Limited by GMP
1440	Hydroxypropyl starch	Limited by GMP
1442	Hydroxypropyl distarch phosphate	Limited by GMP
Colours		
100	Curcumins (for edible cheese rind)	Limited by GMP
101	Riboflavins	Limited by GMP
140	Chlorophyll	Limited by GMP
141	Copper chlorophylls	15 mg/kg, singly or combined
160a(i)	β-Carotene (synthetic)	25 mg/kg
160a(ii)	Carotenes (natural extracts vegetable)	600 mg/kg
160b(ii)	Annatto extracts – norbixin based	25 mg/kg
160c	Paprika oleoresins	Limited by GMP
160e	β-apo-8'-Carotenal	35 mg/kg
160f	β-apo-8'-Carotenoic acid, methyl or ethyl ester	35 mg/kg
162	Beet red	Limited by GMP
171	Titanium dioxide	Limited by GMP

INS No.	Name	Maximum Level
Preservatives		
200	Sorbic acid	1 g/kg of cheese, singly or in combination, expressed as sorbic acid
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	12.5 mg/kg
280	Propionic acid	Limited by GMP
281	Sodium propionate	Limited by GMP
282	Calcium propionate	Limited by GMP
283	Potassium propionate	Limited by GMP
<i>For surface/rind treatment only:</i>		
235	Pimaricin (natamycin) Natamycin (pimaricin)	2 mg/dm ² of surface. Not present in a depth of 5mm
Foaming agents (for whipped products only)		
290	Carbon dioxide	Limited by GMP
941	Nitrogen	Limited by GMP
Sliced, cut, shredded and grated products only (surface treatment)		
Anticaking agents		
460	Celluloses	10 g/kg singly or in combination. Silicates calculated as silicon dioxide
551	Silicon dioxide, amorphous	
552	Calcium silicate	
553	Magnesium silicates	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	
560	Potassium silicate	
Preservatives		
200	Sorbic acid	1 g/kg of cheese, singly or in combination, expressed as sorbic acid
202	Potassium sorbate	
203	Calcium sorbate	
280	Propionic acid	Limited by GMP
281	Sodium propionate	Limited by GMP
282	Calcium propionate	Limited by GMP
283	Potassium propionate	Limited by GMP
235	Pimaricin (natamycin) Natamycin (pimaricin)	20 mg/kg applied to the surface added during kneading and stretching process

STANDARDS FOR FERMENTED MILKS (CODEX STAN 243-2003)

INS No.	Name of Additive	Maximum Level
Acidity Regulators		
334	Tartaric acid (L+)	2000 mg/kg as tartaric acid
335(i)	Monosodium tartrate	
335(ii)	Disodium tartrate	
336(i)	Monopotassium tartrate	
336(ii)	Dipotassium tartrate	
337	Potassium sodium <u>L(+)-tartrate</u>	
355	Adipic acid	1500 mg/kg, as adipic acid
356	Sodium adipates	
357	Potassium adipates	
359	Ammonium adipates	
Colours		
100(i)	Curcumin	100 mg/kg
101(i)	Riboflavin, <u>synthetic</u>	300 mg/kg
101(ii)	Riboflavin 5'-phosphate sodium	
102	Tartrazine	300 mg/kg
104	Quinoline yellow	150 mg/kg
110	Sunset yellow FCF	300 mg/kg
120	Carmines	150 mg/kg
122	Azorubine	150 mg/kg
124	Ponceau 4R	150 mg/kg
129	Allura red AC	300 mg/kg
132	Indigotine	100 mg/kg
133	Brilliant blue FCF	150 mg/kg
141(i)	Chlorophylls, copper complexes	500 mg/kg
141(ii)	Chlorophyllins, copper complexes, <u>potassium and sodium</u> Na and K salts	

INS No.	Name of Additive	Maximum Level
143	Fast green FCF	100 mg/kg
150b	Caramel II - caustic sulfite sulphite process	150 mg/kg
150c	Caramel III – ammonia process	2000 mg/kg
150d	Caramel IV – sulfite sulphite ammonia process	2000 mg/kg
151	Brilliant black (Black PN)	150 mg/kg
155	Brown HT	150 mg/kg
160a(i)	beta-Carotene (Synthetic)	100 mg/kg
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8' Carotenoic acid, Methyl or ethyl ester	
160a(iii)	beta-Carotenes (<i>Blakeslea trispora</i>)	
160a(ii)	beta -Carotenes, vegetable	600 mg/kg
160b(i)	Annatto extracts, bixin-based	20 mg/kg as bixin
160b(ii)	Annatto extracts, norbixin-based	20 mg/kg as norbixin
160d	Lycopene <u>s</u>	500 mg/kg
161b(i)	Lutein from <i>Tagetes erecta</i>	150 mg/kg
161h(i)	Zeaxanthin	150 mg/kg
163(ii)	Grape skin extract	100 mg/kg
172(i)	Iron oxide, black	100 mg/kg
172(ii)	Iron oxide, red	
172(iii)	Iron oxide, yellow	
Emulsifiers		
432	Polyoxyethylene (20) sorbitan monolaurate	3000 mg/kg
433	Polyoxyethylene (20) sorbitan monooleate	
434	Polyoxyethylene (20) sorbitan monopalmitate	
435	Polyoxyethylene (20) sorbitan	
436	Polyoxyethylene (20) sorbitan	
472e	Diacetyltartaric and fatty acid esters of glycerol	
473	Sucrose esters of fatty acids	5000 mg/kg
474	Sucroglycerides	5000 mg/kg
475	Polyglycerol esters of fatty acids	2000 mg/kg
477	Propylene glycol esters of fatty acids	5000 mg/kg
481(i)	Sodium stearyl lactylate	10000 mg/kg
482(i)	Calcium stearyl lactylate	10000 mg/kg
491	Sorbitan monostearate	5000 mg/kg
492	Sorbitan tristearate	
493	Sorbitan monolaurate	
494	Sorbitan monooleate	
495	Sorbitan monopalmitate	
900a	Polydimethylsiloxane	50 mg/kg
Flavour Enhancers		
580	Magnesium gluconate	GMP
620	Glutamic acid (L+)-	GMP
621	Monosodium glutamate, L-	GMP
622	Monopotassium glutamate, L-	GMP
623	Calcium glutamate, di-L-	GMP
624	Monoammonium glutamate, L-	GMP
625	Magnesium glutamate, di-L-	GMP
626	Guanylic acid, 5'-	GMP
627	Disodium guanylate, 5'-	GMP
628	Dipotassium guanylate, 5'-	GMP
629	Calcium guanylate, 5'-	GMP
630	Inosinic acid, 5'-	GMP
631	Disodium inosinate, 5'-	GMP
632	Dipotassium inosinate, 5'-	GMP
633	Calcium inosinate, 5'-	GMP
634	Calcium ribonucleotides, 5'-	GMP
635	Disodium ribonucleotides, 5'-	GMP
636	Maltol	GMP
637	Ethyl maltol	GMP
Preservatives		
200	Sorbic acid	1000 mg/kg as sorbic acid
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
210	Benzoic acid	300 mg/kg as benzoic acid

INS No.	Name of Additive	Maximum Level
211	Sodium benzoate	
212	Potassium benzoate	
213	Calcium benzoate	
234	Nisin	500 mg/kg
Stabilizers and Thickeners		
170(i)	Calcium carbonate	GMP
331(iii)	Trisodium citrate	GMP
338	Ortho phosphoric acid	
339(i)	Monosodium Orthophosphate Sodium dihydrogen phosphate	
339(ii)	Disodium Orthophosphate hydrogen phosphate	
339(iii)	Trisodium Orthophosphate	
340(i)	Monopotassium Orthophosphate Potassium dihydrogen phosphate	
340(ii)	Dipotassium Orthophosphate hydrogen phosphate	
340(iii)	Tripotassium Orthophosphate	
341(i)	Monocalcium Orthophosphate dihydrogen phosphate	
341(ii)	Dicalcium Orthophosphate hydrogen phosphate	
341(iii)	Tricalcium Orthophosphate	
342(i)	Mono Ammonium Orthophosphate dihydrogen phosphate	
342(ii)	Diammonium Orthophosphate hydrogen phosphate	
343(i)	Mono Magnesium Orthophosphate	
343(ii)	DiMagnesium Orthophosphate hydrogen phosphate	
343(iii)	Trimagnesium Orthophosphate	
450(i)	Disodium diphosphate	
450(ii)	Trisodium diphosphate	
450(iii)	Tetrasodium diphosphate	
450(v)	Tetrapotassium diphosphate	
450(vi)	Dicalcium diphosphate	
450(vii)	Calcium dihydrogen diphosphate	
451(i)	Pentasodium triphosphate	
451(ii)	Pentapotassium triphosphate	
452(i)	Sodium polyphosphate	
452(ii)	Potassium polyphosphate	
452(iii)	Sodium calcium polyphosphate	
452(iv)	Calcium polyphosphate	
452(v)	Ammonium polyphosphate	
542	Bone phosphate	
400	Alginic acid	GMP
401	Sodium alginate	GMP
402	Potassium alginate	GMP
403	Ammonium alginate	GMP
404	Calcium alginate	GMP
405	Propylene glycol alginate	GMP
406	Agar	GMP
407	Carrageenan and its Na, K, NH₄, Ca and Mg salts (including furcelleran)	GMP
407a	Processed eucheuma seaweed	GMP
410	Carob bean gum	GMP
412	Guar gum	GMP
413	Tragacanth gum	GMP
414	Gum arabic	GMP
415	Xanthan gum	GMP
416	Karaya gum	GMP
417	Tara gum	GMP
418	Gellan gum	GMP
425	Konjac flour	GMP
440	Pectins	GMP
459	beta-Cyclodextrin	5 mg/kg
460(i)	Microcrystalline cellulose	GMP
460(ii)	Powdered cellulose	GMP
461	Methyl cellulose	GMP
463	Hydroxypropyl cellulose	GMP
464	Hydroxypropyl methyl cellulose	GMP
465	Methyl ethyl cellulose	GMP
466	Sodium carboxymethyl cellulose	GMP
467	Ethyl hydroxyethyl cellulose	GMP

INS No.	Name of Additive	Maximum Level
468	Cross-linked sodium carboxymethyl cellulose	GMP
469	Sodium carboxymethyl cellulose, enzymatically hydrolyzed	GMP
470(i)	Salts of myristic, palmitic and stearic acids with ammonia, calcium, potassium and sodium	GMP
470(ii)	Salts of oleic acid with calcium, potassium and sodium (Ca, K, Na)	GMP
471	Mono- and di- glycerides of fatty acids	GMP
472a	Acetic and fatty acid esters of glycerol	GMP
472b	Lactic and fatty acid esters of glycerol	GMP
472c	Citric and fatty acid esters of glycerol	GMP
508	Potassium chloride	GMP
509	Calcium chloride	GMP
511	Magnesium chloride	GMP
1200	Polydextroses	GMP
1400	Dextrins, roasted starch	GMP
1401	Acid-treated starch	GMP
1402	Alkaline treated starch	GMP
1403	Bleached starch	GMP
1404	Oxidized starch	GMP
1405	Enzyme treated starch	GMP
1410	Monostarch phosphate	GMP
1412	Distarch phosphate	GMP
1413	Phosphated distarch phosphate	GMP
1414	Acetylated distarch phosphate	GMP
1420	Starch acetate	GMP
1422	Acetylated distarch adipate	GMP
1440	Hydroxypropyl starch	GMP
1442	Hydroxypropyl distarch phosphate	GMP
1450	Starch sodium octenyl succinate	GMP
1451	Acetylated oxidized starch	GMP
Sweeteners³		
420	Sorbitols and Sorbitol Syrup	GMP
421	Mannitol	GMP
950	Acesulfame potassium	350 mg/kg
951	Aspartame	1000 mg/kg
952	Cyclamates	250 mg/kg
953	Isomalt	GMP
954	Saccharins	100 mg/kg
955	Sucralose	400 mg/kg
956	Alitame	100 mg/kg
961	Neotame	100 mg/kg
962	Aspartame-acesulfame salt	350 mg/kg on an acesulfame potassium equivalent basis
964	Polyglycitol syrup	GMP
965	Maltitols (Including Maltitol Syrup)	GMP
966	Lactitol	GMP
967	Xylitol	GMP
968	Erythritol	GMP

STANDARD FOR A BLEND OF EVAPORATED SKIMMED MILK AND VEGETABLE FAT (CODEX STAN 250-2006)

INS No.	Name of Additive	Maximum Level
Emulsifiers		
322	Lecithins	Limited by GMP
Stabilizers		
331(i)	Sodium dihydrogen citrate	Limited by GMP
331(iii)	Trisodium citrate	Limited by GMP
332(i)	Potassium dihydrogen citrate	Limited by GMP
332(ii)	Tripotassium citrate	Limited by GMP
333	Calcium citrate	Limited by GMP
508	Potassium chloride	Limited by GMP
509	Calcium chloride	Limited by GMP
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP

³ The use of sweeteners is limited to milk-and milk derivative-based products energy reduced or with no added sugar.

INS No.	Name of Additive	Maximum Level	
339(i)	Monosodium Ortho Sodium dihydrogen phosphate	4400 mg/kg, singly or in combination as phosphorous	
339(ii)	Disodium Ortho hydrogen phosphate		
339(iii)	Trisodium Ortho phosphate		
340(i)	Monopotassium Ortho Potassium dihydrogen phosphate		
340(ii)	Dipotassium Ortho hydrogen phosphate		
340(iii)	Tripotassium Ortho phosphate		
341(i)	Monocalcium Ortho dihydrogen phosphate		
341(ii)	Dicalcium Ortho hydrogen phosphate		
341(iii)	Tricalcium Ortho phosphate		
450(i)	Disodium diphosphate		
450(ii)	Trisodium diphosphate		
450(iii)	Tetrasodium diphosphate		
450(v)	Tetrapotassium diphosphate		
450(vi)	Dicalcium diphosphate		
450(vii)	Calcium dihydrogen diphosphate		
451(i)	Pentasodium triphosphate		
451(ii)	Pentapotassium triphosphate		
452(i)	Sodium polyphosphate		
452(ii)	Potassium polyphosphate		
452(iii)	Sodium calcium polyphosphate		
452(iv)	Calcium polyphosphates		
452(v)	Ammonium polyphosphates		
500(i)	Sodium carbonate		Limited by GMP
500(ii)	Sodium hydrogen carbonate		Limited by GMP
500(iii)	Sodium sesquicarbonate		Limited by GMP
501(i)	Potassium carbonates		Limited by GMP
501(ii)	Potassium hydrogen carbonate		Limited by GMP
Thickeners			
407	Carrageenan and its Na, K, NH ₄ , Ca and Mg salts (including furcelleran)		Limited by GMP
407a	Processed Eucheuma Seaweed (PES)		Limited by GMP

STANDARD FOR A BLEND OF SKIMMED MILK AND VEGETABLE FAT IN POWDERED FORM (CODEX STAN 251-2006)

INS No.	Name of Additive	Maximum Level
Stabilizers		
331(i)	Sodium dihydrogen citrate	Limited by GMP
331(iii)	Trisodium citrate	Limited by GMP
332(i)	Potassium dihydrogen citrate	Limited by GMP
332(ii)	Tripotassium citrate	Limited by GMP
508	Potassium chloride	Limited by GMP
509	Calcium chloride	Limited by GMP
Acidity Regulators		
339(i)	Monosodium Ortho Sodium dihydrogen phosphate	4400 mg/kg, singly or in combination, as phosphorous
339(ii)	Disodium Ortho hydrogen phosphate	
339(iii)	Trisodium Ortho phosphate	
340(i)	Monopotassium Ortho Potassium dihydrogen phosphate	
340(ii)	Dipotassium Ortho hydrogen phosphate	
340(iii)	Tripotassium Ortho phosphate	
341(i)	Monocalcium Ortho dihydrogen phosphate	
341(ii)	Dicalcium Ortho hydrogen phosphate	
450(i)	Disodium diphosphate	
450(ii)	Trisodium diphosphate	
450(iii)	Tetrasodium diphosphate	
450(v)	Tetrapotassium diphosphate	
450(vi)	Dicalcium diphosphate	
450(vii)	Calcium dihydrogen diphosphate	
451(i)	Pentasodium triphosphate	
451(ii)	Pentapotassium triphosphate	
452(i)	Sodium polyphosphate	
452(ii)	Potassium polyphosphate	
452(iii)	Sodium calcium polyphosphate	
452(iv)	Calcium polyphosphates	
452(v)	Ammonium polyphosphates	

INS No.	Name of Additive	Maximum Level
500(i)	Sodium carbonate	Limited by GMP
500(ii)	Sodium hydrogen carbonate	Limited by GMP
500(iii)	Sodium sesquicarbonate	Limited by GMP
501(i)	Potassium carbonates	Limited by GMP
501(ii)	Potassium hydrogen carbonate	Limited by GMP
Emulsifiers		
322	Lecithins	Limited by GMP
471	Mono- and diglycerides of fatty acids	Limited by GMP
Anticaking Agents		
170(i)	Calcium carbonate	Limited by GMP
504(i)	Magnesium carbonate	Limited by GMP
530	Magnesium oxide	Limited by GMP
551	Silicon dioxide, amorphous	Limited by GMP
552	Calcium silicate	Limited by GMP
553(i)	Magnesium silicate (synthetic)	Limited by GMP
553(iii)	Talc	Limited by GMP
554	Sodium aluminosilicate	Limited by GMP
556	Calcium aluminium silicate	Limited by GMP
559	Aluminium silicate	Limited by GMP
341(iii)	Tricalcium Ortho phosphate	4400 mg/kg, singly or in combination as phosphorous
343(iii)	Trimagnesium Ortho phosphate	
Antioxidants		
300	Ascorbic acid	500 mg/kg as ascorbic acid
301	Sodium ascorbate	
304	Ascorbyl palmitate	80 mg/kg, singly or in combination, as ascorbyl stearate
305	Ascorbyl stearate	
320	Butylated hydroxyanisole (BHA)	100 mg/kg singly or in combination. Expressed on fat or oil basis
321	Butylated hydroxytoluene (BHT)	
319	Tertiary butylhydroquinone (TBHQ)	

STANDARD FOR A BLEND OF SWEETENED CONDENSED SKIMMED MILK AND VEGETABLE FAT (CODEX STAN 252-2006)

INS No.	Name of Additive	Maximum Level
Emulsifiers		
322	Lecithins	Limited by GMP
Stabilizers		
331(i)	Sodium dihydrogen citrate	Limited by GMP
331(iii)	Trisodium citrate	Limited by GMP
332(i)	Potassium dihydrogen citrate	Limited by GMP
332(ii)	Tripotassium citrate	Limited by GMP
333	Calcium citrate	Limited by GMP
508	Potassium chloride	Limited by GMP
509	Calcium chloride	Limited by GMP
Acidity Regulators		
170(i)	Calcium Carbonate	Limited by GMP
339(i)	Monosodium dihydrogen Ortho phosphate	4400 mg/kg, singly or in combination as phosphorous
339(ii)	Disodium hydrogen Ortho phosphate	
339(iii)	Trisodium Ortho phosphate	
340(i)	Monopotassium dihydrogen Ortho phosphate	
340(ii)	Dipotassium hydrogen Ortho phosphate	
340(iii)	Tripotassium Ortho phosphate	
341(i)	Monocalcium dihydrogen Ortho phosphate	
341(ii)	Dicalcium hydrogen Ortho phosphate	
341(iii)	Tricalcium Ortho phosphate	
450(i)	Disodium diphosphate	
450(ii)	Trisodium diphosphate	
450(iii)	Tetrasodium diphosphate	
450(v)	Tetrapotassium diphosphate	
450(vi)	Dicalcium diphosphate	
450(vii)	Calcium dihydrogen diphosphate	
451(i)	Pentasodium triphosphate	
451(ii)	Pentapotassium triphosphate	

INS No.	Name of Additive	Maximum Level
452(i)	Sodium polyphosphate	
452(ii)	Potassium polyphosphate	
452(iii)	Sodium calcium polyphosphate	
452(iv)	Calcium polyphosphates	
452(v)	Ammonium polyphosphates	
500(i)	Sodium carbonate	Limited by GMP
500(ii)	Sodium hydrogen carbonate	Limited by GMP
500(iii)	Sodium sesquicarbonate	Limited by GMP
501(i)	Potassium carbonates	Limited by GMP
501(ii)	Potassium hydrogen carbonate	Limited by GMP
Thickeners		
407	Carrageenan and its Na, K, NH ₄ , Ca and Mg salts (including furcellaran)	Limited by GMP
407a	Processed eucheuma seaweed (PES)	Limited by GMP

STANDARD FOR DAIRY FAT SPREADS (CODEX STAN 253-2006)

INS No.	Name of Additive	Maximum Level
Colours		
100(i)	Curcumin	5 mg/kg
160a(i)	beta-e Carotenes, <i>beta-</i> (synthetic)	35 mg/kg, singly or in combination
160a(iii)	beta-e Carotenes, <i>beta-</i> (<i>Blakeslea triaspora</i>)	
160e	beta-apo Carotenal, <i>beta-apo-8'</i> -	
160f	beta-apo-8' Carotenoic acid, methyl or ethyl ester, <i>beta-apo-8'</i> -	
160b(i)	Annatto extracts, bixin based	20 mg/kg
Emulsifiers		
432	Polyoxyethylene (20) sorbitan monolaurate	10000 mg/kg, singly or in combination (Dairy fat spreads for baking purposes only)
433	Polyoxyethylene (20) sorbitan monooleate	
434	Polyoxyethylene (20) sorbitan monopalmitate	
435	Polyoxyethylene (20) sorbitan monostearate	
436	Polyoxyethylene (20) sorbitan tristearate	
471	Mono- and di- glycerides of fatty acids	Limited by GMP
472a	Acetic and fatty acid esters of glycerol	Limited by GMP
472b	Lactic and fatty acid esters of glycerol	Limited by GMP
472c	Citric and fatty acid esters of glycerol	Limited by GMP
472e	Diacetyltartaric and fatty acid esters of glycerol	10000 mg/kg
473a	Sucrose esters of fatty acids	10000 mg/kg, dairy fat spreads for baking purposes only.
474	Sucroglycerides	10000 mg/kg, dairy fat spreads for baking purposes only.
475	Polyglycerol esters of fatty acids	5000 mg/kg
476	Polyglycerol esters of interesterified ricinoleic acid	4000 mg/kg
481(i)	Sodium stearoyl lactylate	10000 mg/kg, singly or in combination
482(i)	Calcium stearoyl lactylate	
491	Sorbitan monostearate	10000 mg/kg, singly or in combination
492	Sorbitan tristearate	
493	Sorbitan monolaurate	
494	Sorbitan monooleate	
495	Sorbitan monopalmitate	
Preservatives		
200	Sorbic acid	2000 mg/kg, singly or in combination (as sorbic acid) for fat contents < 59% and 1000 mg/kg singly or in combination (as sorbic acid) for fat contents ≥ 59%
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
Stabilizers/thickeners		
340 (i)	Monop Potassium dihydrogen Ortho phosphate	880 mg/kg, singly or in combination, as phosphorous
340 (ii)	Dipotassium hydrogen Ortho phosphate	
340 (iii)	Tripotassium Ortho phosphate	
341 (i)	Monocalcium dihydrogen Ortho phosphate	
341 (ii)	Dicalcium hydrogen Ortho phosphate	
341 (iii)	Tricalcium Ortho phosphate	
450 (i)	Disodium diphosphate	
400	Alginate acid	Limited by GMP
401	Sodium alginate	Limited by GMP
402	Potassium alginate	Limited by GMP

INS No.	Name of Additive	Maximum Level
403	Ammonium alginate	Limited by GMP
404	Calcium alginate	Limited by GMP
406	Agar	Limited by GMP
405	Propylene glycol alginate	3000 mg/kg
407	Carrageenan and its Na, K, NH₄, Ca and Mg salts (including furcelleran)	Limited by GMP
407a	Processed euchema seaweed (PES)	Limited by GMP
410	Carob bean gum	Limited by GMP
412	Guar gum	Limited by GMP
413	Tragacanth gum	Limited by GMP
414	Gum arabic	Limited by GMP
415	Xanthan gum	Limited by GMP
418	Gellan gum	Limited by GMP
422	Glycerol	Limited by GMP
440	Pectins	Limited by GMP
460 (i)	Microcrystalline cellulose	Limited by GMP
460 (ii)	Powdered cellulose	Limited by GMP
461	Methyl cellulose	Limited by GMP
463	Hydroxypropyl cellulose	Limited by GMP
464	Hydroxypropyl methyl cellulose	Limited by GMP
465	Methyl ethyl cellulose	Limited by GMP
466	Sodium carboxymethyl cellulose	Limited by GMP
500 (i)	Sodium carbonate	Limited by GMP
500(ii)	Sodium hydrogen carbonate	Limited by GMP
500 (iii)	Sodium sesquicarbonate	Limited by GMP
1400	Dextrin, roasted starch white and yellow	Limited by GMP
1401	Acid-treated starch	Limited by GMP
1402	Alkaline-treated starch	Limited by GMP
1403	Bleached starch	Limited by GMP
1404	Oxidized starch	Limited by GMP
1405	Starches, enzyme treated	Limited by GMP
1410	Monostarch phosphate	Limited by GMP
1412	Distarch phosphate esterified with Sodium trimetaphosphate; esterified with phosphorous oxychloride	Limited by GMP
1413	Phosphated distarch phosphate	Limited by GMP
1414	Acetylated distarch phosphate	Limited by GMP
1420	Starch acetate esterified with acetic anhydride	Limited by GMP
1422	Acetylated distarch adipate	Limited by GMP
1440	Hydroxypropyl starch	Limited by GMP
1442	Hydroxypropyl distarch phosphate	Limited by GMP
Acidity regulators		
325	Sodium lactate	Limited by GMP
326	Potassium lactate	Limited by GMP
327	Calcium lactate	Limited by GMP
329	Magnesium lactate	Limited by GMP
331(i)	Sodium dihydrogen citrate	Limited by GMP
331(ii)	Disodium monohydrogen citrate	Limited by GMP
334	Tartaric acid (L(+))	5000 mg/kg, singly or in combination as tartaric acid
335 (i)	Monosodium tartrate	
335 (ii)	Disodium L (+)-tartrate	
336 (i)	Monopotassium tartrate	
336 (ii)	Dipotassium tartrate	
337	Potassium sodium L(+)-tartrate	
339 (i)	Monosodium dihydrogen Orthophosphate	880 mg/kg, singly or in combination as phosphorous
339 (ii)	Disodium hydrogen Orthophosphate	
339 (iii)	Trisodium Orthophosphate	
338	Ortho Phosphoric acid	
524	Sodium hydroxide	Limited by GMP
526	Calcium hydroxide	Limited by GMP
Antioxidants		
304	Ascorbyl palmitate	500 mg/kg, as ascorbyl stearate
305	Ascorbyl stearate	
306 7b	Mixed tocopherols concentrate	500 mg/kg
307	<i>alpha</i> -Tocopherol	

INS No.	Name of Additive	Maximum Level
310	Propyl gallate	200 mg/kg, singly or in combination: Butylated Hydroxyanisole (BHA, INS 320), Butylated Hydroxytoluene (BHT, INS 321), and Propyl Gallate (INS 310) as a combined maximum level of 200 mg/kg on a fat or oil basis. May be used only in dairy fat spreads intended for cooking purposes.
320	Butylated hydroxyanisole	200 mg/kg, singly or in combination: Butylated Hydroxyanisole (BHA, INS 320), Butylated Hydroxytoluene (BHT, INS 321), and Propyl Gallate (INS 310) as a combined maximum level of 200 mg/kg on a fat or oil basis. May be used only in dairy fat spreads intended for cooking purposes.
321	Butylated hydroxytoluene	75 mg/kg, singly or in combination: Butylated Hydroxyanisole (BHA, INS 320), Butylated Hydroxytoluene (BHT, INS 321), and Propyl Gallate (INS 310) as a combined maximum level of 200 mg/kg on a fat or oil basis. May be used only in dairy fat spreads intended for cooking purposes.
Anti-foaming agents		
900 a	Polydimethylsiloxane	10 mg/kg in dairy fat spreads for frying purposes, only.
Flavour enhancers		
627	Disodium 5'-guanylate	Limited by GMP
628	Dipotassium 5'-guanylate	Limited by GMP

STANDARD FOR FAT SPREADS AND BLENDED SPREADS (CODEX STAN 256-2007)

INS No.	Additive	Maximum Use Level
4.1 Acidity Regulators		
262(ii)	Sodium diacetate	1,000 mg/kg
334; 335(i), (ii); 336(i), (ii); 337	Tartrates	100 mg/kg (as tartaric acid)
338; 339(i), (ii), (iii); 340(i), (ii), (iii); 341(i), (ii), (iii); 342(i), (ii); 343(i), (ii), (iii); 450(i), (ii), (iii), (v), (vi); (vii), 451(i), (ii); 452(i), (ii), (iii), (iv), (v); 542	Phosphates	1,000 mg/kg (as Phosphorus)
4.2 Antifoaming Agents		
900a	Polydimethylsiloxane	10 mg/kg (frying purposes, only)
4.3 Antioxidants		
304, 305	Ascorbyl esters	500 mg/kg (as ascorbyl stearate)
307a	Tocopherol, <i>d-alpha</i> -	500 mg/kg (Singly or in combination)
307b	Tocopherol concentrate, mixed	
307c	Tocopherol, <i>dl-alpha</i>	
310	Propyl gallate	200 mg/kg (fat or oil basis) singly or in combination.
319	Tertiary butylhydroquinone	
320	Butylated hydroxyanisole	
321	Butylated hydroxytoluene	
384	Isopropyl citrates	100 mg/kg
385, 386	EDTAs	100 mg/kg (as anhydrous calcium disodium EDTA)
388, 389	Thiodipropionates	200 mg/kg (as thiodipropionic acid)
4.4 Colours		
100(i)	Curcumin	10 mg/kg
101(i), (ii)	Riboflavins	300 mg/kg
120	Carmines	500 mg/kg
150b	Caramel II - caustic sulfite process	500 mg/kg
150c	Caramel III - ammonia process	500 mg/kg
150d	Caramel IV - sulfite ammonia process	500 mg/kg
160a(ii)	<i>beta</i> -Carotenes, (vegetable)	1000 mg/kg
160a(i)	<i>beta</i> -Carotenes (synthetic)	35 mg/kg singly or in combination
160a(iii)	<i>beta</i> -Carotenes (<i>Blakeslea trispora</i>)	
160e	<i>beta</i> -apo-8'-Carotenal	
160f	<i>beta</i> -apo-8'-Carotenoic acid, methyl or ethyl ester	

INS No.	Additive	Maximum Use Level
160b(i)	Annatto extracts, bixin-based	100 mg/kg (as bixin)
4.5 Emulsifiers		
432, 433, 434, 435, 436	Polysorbates	10,000 mg/kg (singly or in combination)
472e	Diacetyltartaric and fatty acid esters of glycerol	10,000 mg/kg
473	Sucrose esters of fatty acids	10,000 mg/kg
474	Sucroglycerides	10,000 mg/kg
475	Polyglycerol esters of fatty acids	5,000 mg/kg
476	Polyglycerol esters of interesterified ricinoleic acid	4,000 mg/kg
477	Propylene glycol esters of fatty acids	20,000 mg/kg
479	Thermally oxidized soya bean oil interacted with mono- and diglycerides of fatty acids)	5,000 mg/kg (in fat emulsions for frying or baking purpose, only).
481(i), 482(i)	Stearoyl-2-lactylates	10,000 mg/kg (singly or in combination)
484	Stearyl citrate	100 mg/kg (fat or oil basis)
491, 492, 493, 494, 495	Sorbitan esters of fatty acids	10,000 mg/kg (singly or in combination)
4.6 Flavours		
Natural flavouring substances and artificial flavouring substances.		
4.7 Preservatives		
200, 201, 202, 203	Sorbates	2,000 mg/kg (singly or in combination) as sorbic acid)
210, 211, 212, 213	Benzoates	1,000 mg/kg (singly or in combination) (as benzoic acid)
If used in combination, the combined use shall not exceed 2000 mg/kg of which the benzoic acid portion shall not exceed 1000 mg/kg.		
4.8 Stabilizers and Thickeners		
405	Propylene glycol alginate	3,000 mg/kg

STANDARD FOR MOZZARELLA (CODEX STAN 262-2007)

INS No.	Name of Additive	Maximum Level
Preservatives		
200	Sorbic acid	1000 mg/kg singly or in combination as sorbic acid
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	12.5 mg/kg
235	Pimaricin (natamycin) Natamycin (Pimaricin)	Not exceeding 2 mg/dm ² and not present in a depth of 5 mm
280	Propionic acid	Limited by GMP
281	Sodium propionate	
282	Calcium propionate	
283	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
261(i)	Potassium acetate	Limited by GMP
261(ii)	Potassium diacetate	Limited by GMP
262(i)	Sodium acetate	Limited by GMP
263	Calcium acetate	Limited by GMP
325	Sodium lactate	Limited by GMP
326	Potassium lactate	Limited by GMP
327	Calcium lactate	Limited by GMP
350(i)	Sodium hydrogen DL -malate	Limited by GMP
350(ii)	Sodium DL -malate	Limited by GMP
351(i)	Potassium hydrogen malate	Limited by GMP
351(ii)	Potassium malate	Limited by GMP
352(ii)	Calcium malate (D, L-)	Limited by GMP
500(i)	Sodium carbonate	Limited by GMP
500(ii)	Sodium hydrogen carbonate	Limited by GMP
500(iii)	Sodium sesquicarbonate	Limited by GMP
501(i)	Potassium carbonate	Limited by GMP
501(ii)	Potassium hydrogen carbonate	Limited by GMP
504(i)	Magnesium carbonate	Limited by GMP
504(ii)	Magnesium hydroxide carbonate	Limited by GMP
575	Glucono-delta-lactone	Limited by GMP

INS No.	Name of Additive	Maximum Level
577	Potassium gluconate	Limited by GMP
578	Calcium gluconate	Limited by GMP
Acids		
260	Acetic acid	Limited by GMP
270	Lactic acid (L-, D- and DL-)	Limited by GMP
296	Malic acid (DL-)	Limited by GMP
330	Citric acid	Limited by GMP
338	Ortho Phosphoric acid	880 mg/kg as phosphorus
507	Hydrochloric acid	Limited by GMP
Stabilizers		
331(i)	Sodium dihydrogen citrate	Limited by GMP
332(i)	Potassium dihydrogen citrate	Limited by GMP
333	Calcium citrates	Limited by GMP
339(i)	Monos Sodium dihydrogen Ortho phosphate	4400 mg/kg, singly or in combination, expressed as phosphorus
339(ii)	Disodium hydrogen Ortho phosphate	
339(iii)	Trisodium Ortho phosphate	
340(i)	Monop Potassium dihydrogen Ortho phosphate	
340(ii)	Dipotassium hydrogen Ortho phosphate	
340(iii)	Tripotassium Ortho phosphate	
341(i)	Monocalcium dihydrogen Ortho phosphate	
341(ii)	Dicalcium hydrogen Ortho phosphate	
341(iii)	Tricalcium Ortho phosphate	
342(i)	Monos Ammonium hydrogen ortho phosphate	
342(ii)	Diammonium hydrogen ortho phosphate	
343(ii)	Dim Magnesium hydrogen ortho phosphate	
343(iii)	Trimagnesium ortho phosphate	
450(i)	Disodium diphosphate	
450(iii)	Tetrasodium diphosphate	
450(v)	Tetrapotassium diphosphate	
450(vi)	Dicalcium diphosphate	
451(i)	Pentasodium triphosphate	
451(ii)	Pentapotassium triphosphate	
452(i)	Sodium polyphosphate	
452(ii)	Potassium polyphosphate	
452(iv)	Calcium polyphosphate	
452(v)	Ammonium polyphosphate	
406	Agar	Limited by GMP
407	Carrageenan and its Na, K, NH ₄ , Ca and Mg salts (includes furcelleran)	Limited by GMP
407a	Processed Euchema seaweed (PES)	Limited by GMP
410	Carob bean gum	Limited by GMP
412	Guar gum	Limited by GMP
413	Tragacanth gum	Limited by GMP
415	Xanthan gum	Limited by GMP
416	Karaya gum	Limited by GMP
417	Tara gum	Limited by GMP
440	Pectins	Limited by GMP
466	Sodium carboxymethyl cellulose	Limited by GMP
Colours		
140	Chlorophylls	Limited by GMP
141(i)	Chlorophyll copper complexes	5 mg/kg singly or in combination
141(ii)	Chlorophyllin copper complex, sodium and potassium salts	
171	Titanium dioxide	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate (<u>synthetic</u>)	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

INS No.	Name of Additive	Maximum Level
Colours		
101(i)	Riboflavin, <u>synthetic</u>	300 mg/kg
140	Chlorophylls	Limited by GMP
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *.
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	37 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg Singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR DANBO (CODEX STAN 264-1966)

INS No.	Name of Additive	Maximum Level
Colours		
101(i)	Riboflavin, <u>synthetic</u>	300 mg/kg
140	Chlorophylls	Limited by GMP
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *.
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	37 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		

Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR EDAM (CODEX STAN 265-1966)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *.
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	12.5 mg/kg
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	35 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR GOUDA (CODEX STAN 266-1966)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg

Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *.
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	35 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR HAVARTI (CODEX STAN 267-1966)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes, (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (Blakeslea triaspora)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes, (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *.
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	35 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	

559	Aluminium silicate	
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(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR SAMSØ (CODEX STAN 268-1966)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8' -Carotenal	
160f	beta-apo-8' -Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *.
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	35 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR EMMENTAL (CODEX STAN 269-1967)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8' -Carotenal	
160f	beta-apo-8' -Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *.
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	35 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP

INS No.	Name of Additive	Maximum Level
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR TILSITER (CODEX STAN 270-1968)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	35 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR SAINT-PAULIN (CODEX STAN 271-1968)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid.

201	Sodium sorbate	Surface Treatment only *
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	12.5 mg/kg
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
251	Sodium nitrate	35 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR PROVOLONE (CODEX STAN 272-1968)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
171	Titanium dioxide	Limited by GMP
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Preservatives		
1105	Lysozyme	Limited by GMP
200	Sorbic acid	1000 mg/kg based on sorbic acid. Surface Treatment only *
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² Not present at a depth of 5 mm. Surface Treatment only *
239	Hexamethylene tetramine	25 mg/kg Expressed as formaldehyde
251	Sodium nitrate	35 mg/kg, Singly or in combination (expressed as nitrate ion)
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg Surface Treatment only *
281	Sodium propionate	
282	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
504 (i)	Magnesium carbonate	Limited by GMP
575	Glucono delta-lactone	Limited by GMP
Anticaking Agents		
460(i)	Microcrystalline cellulose	Limited by GMP
460(ii)	Powdered cellulose	Limited by GMP
551	Silicon dioxide, amorphous	10000 mg/kg singly or in combination Silicates calculated as silicon dioxide
552	Calcium silicate	
553(i)	Magnesium silicate	
553(iii)	Talc	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	

(*) For the definition of cheese surface and rind see Appendix to the *General Standard for Cheese* (CODEX STAN 283-1978)

STANDARD FOR COTTAGE CHEESE (CODEX STAN 273-1968)

INS No.	Name of Additive	Maximum Level
Preservatives		
200	Sorbic acid	1000 mg/kg singly or in combination as sorbic acid
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	12.5 mg/kg
280	Propionic acid	Limited by GMP
281	Sodium propionate	
282	Calcium propionate	
283	Potassium propionate	
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
261(i)	Potassium acetate	Limited by GMP
261(ii)	Potassium diacetate	Limited by GMP
262(i)	Sodium acetate	Limited by GMP
263	Calcium acetate	Limited by GMP
325	Sodium lactate	Limited by GMP
326	Potassium lactate	Limited by GMP
327	Calcium lactate	Limited by GMP
350(i)	Sodium hydrogen DL -malate	Limited by GMP
350(ii)	Sodium DL -malate	Limited by GMP
351(i)	Potassium hydrogen malate	Limited by GMP
351(ii)	Potassium malate	Limited by GMP
352(ii)	Calcium malate (D, L -)	Limited by GMP
500(i)	Sodium carbonate	Limited by GMP
500(ii)	Sodium hydrogen carbonate	Limited by GMP
500(iii)	Sodium sesquicarbonate	Limited by GMP
501(i)	Potassium carbonate	Limited by GMP
501(ii)	Potassium hydrogen carbonate	Limited by GMP
504(i)	Magnesium carbonate	Limited by GMP
504(ii)	Magnesium hydroxide gen carbonate	Limited by GMP
575	Glucono-delta-lactone	Limited by GMP
577	Potassium gluconate	Limited by GMP
578	Calcium gluconate	Limited by GMP
Acids		
260	Acetic acid	Limited by GMP
270	Lactic acid (L-, D- and DL-)	Limited by GMP
296	Malic acid (DL-)	Limited by GMP
330	Citric acid	Limited by GMP
338	Ortho Phosphoric acid	880 mg/kg as phosphorus
507	Hydrochloric acid	Limited by GMP
Stabilizers		
331(i)	Sodium dihydrogen citrate	Limited by GMP
332(i)	Potassium dihydrogen citrate	Limited by GMP
333	Calcium citrates	Limited by GMP
339(i)	Monos Sodium dihydrogen Ortho phosphate	1300 mg/kg, singly or in combination, expressed as phosphorus
339(ii)	Disodium hydrogen Ortho phosphate	
339(iii)	Trisodium Ortho phosphate	
340(i)	Monop Potassium dihydrogen Ortho phosphate	
340(ii)	Dipotassium hydrogen Ortho phosphate	
340(iii)	Tripotassium Ortho phosphate	
341(i)	Monocalcium dihydrogen Ortho phosphate	
341(ii)	Dicalcium hydrogen Ortho phosphate	
341(iii)	Tricalcium Ortho phosphate	
342(i)	Monos Ammonium hydrogen ortho phosphate	
342(ii)	Diammonium hydrogen ortho phosphate	
343(ii)	Dim Magnesium hydrogen ortho phosphate	
343(iii)	Trimagnesium ortho phosphate	
450(i)	Disodium diphosphate	
450(iii)	Tetrasodium diphosphate	
450(v)	Tetrapotassium diphosphate	
450(vi)	Dicalcium diphosphate	

INS No.	Name of Additive	Maximum Level
451(i)	Pentasodium triphosphate	
451(ii)	Pentapotassium triphosphate	
452(i)	Sodium polyphosphate	
452(ii)	Potassium polyphosphate	
452(iv)	Calcium polyphosphate	
452(v)	Ammonium polyphosphate	
400	Alginic acid	Limited by GMP
401	Sodium alginate	Limited by GMP
402	Potassium alginate	Limited by GMP
403	Ammonium alginate	Limited by GMP
404	Calcium alginate	Limited by GMP
405	Propylene glycol alginate	5000 mg/kg
406	Agar	Limited by GMP
407	Carrageenan and its Na, K, NH ₄ , Ca and Mg salts (includes Furcelleran)	Limited by GMP
407a	Processed Eucheema seaweed (PES)	Limited by GMP
410	Carob bean gum	Limited by GMP
412	Guar gum	Limited by GMP
413	Tragacanth gum	Limited by GMP
415	Xanthan gum	Limited by GMP
416	Karaya gum	Limited by GMP
417	Tara gum	Limited by GMP
440	Pectins	Limited by GMP
466	Sodium carboxymethyl cellulose	Limited by GMP
Stabilizers (Modified Starches)		
1400	Dextrins, roasted Starch	Limited by GMP
1401	Acid-treated Starch	Limited by GMP
1402	Alkaline-treated starch	Limited by GMP
1403	Bleached starch	Limited by GMP
1404	Oxidized starch	Limited by GMP
1405	Starches, enzyme-treated	Limited by GMP
1410	Monostarch phosphate	Limited by GMP
1412	Distarch phosphate	Limited by GMP
1413	Phosphated distarch phosphate	Limited by GMP
1414	Acetylated distarch phosphate	Limited by GMP
1420	Starch Acetate	Limited by GMP
1422	Acetylated distarch adipate	Limited by GMP
1440	Hydroxypropyl starch	Limited by GMP
1442	Hydroxypropyl distarch phosphate	Limited by GMP

STANDARD FOR COULOMMIERS (CODEX STAN 274-1969)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	<i>beta</i> -Carotenes, (synthetic)	
160a(iii)	<i>beta</i> -Carotenes (<i>Blakeslea triaspora</i>)	
160e	<i>beta</i> -apo-8'-Carotenal	
160f	<i>beta</i> -apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	<i>beta</i> -Carotenes, (vegetable)	35 mg/kg Singly or in combination
160b(ii)	Annatto extracts, norbixin based	600 mg/kg 25 mg/kg
Acidity Regulators		
575	Glucono delta-lactone	Limited by GMP

STANDARD FOR CREAM CHEESE (CODEX STAN 275-1973)

INS No.	Name of Additive	Maximum Level
Preservatives		
200	Sorbic acid	
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	1000 mg/kg singly or in combination as sorbic acid
280	Propionic acid	
281	Sodium propionate	
282	Calcium propionate	
283	Potassium propionate	12.5 mg/kg Limited by GMP

INS No.	Name of Additive	Maximum Level
Acidity Regulators		
170(i)	Calcium carbonate	Limited by GMP
261(i)	Potassium acetate	Limited by GMP
261(ii)	Potassium diacetate	Limited by GMP
262(i)	Sodium acetate	Limited by GMP
263	Calcium acetate	Limited by GMP
325	Sodium lactate	Limited by GMP
326	Potassium lactate	Limited by GMP
327	Calcium lactate	Limited by GMP
350(i)	Sodium hydrogen DL -malate	Limited by GMP
350(ii)	Sodium DL -malate	Limited by GMP
351(i)	Potassium hydrogen malate	Limited by GMP
351(ii)	Potassium malate	Limited by GMP
352(ii)	Calcium malate (D, L -)	Limited by GMP
500(i)	Sodium carbonate	Limited by GMP
500(ii)	Sodium hydrogen carbonate	Limited by GMP
500(iii)	Sodium sesquicarbonate	Limited by GMP
501(i)	Potassium carbonate	Limited by GMP
501(ii)	Potassium hydrogen carbonate	Limited by GMP
504(i)	Magnesium carbonate	Limited by GMP
504(ii)	Magnesium hydroxide carbonate	Limited by GMP
575	Glucono-delta-lactone	Limited by GMP
577	Potassium gluconate	Limited by GMP
578	Calcium gluconate	Limited by GMP
Acids		
260	Acetic acid	Limited by GMP
270	Lactic acid (L-, D-, and DL-)	Limited by GMP
296	Malic acid (DL-)	Limited by GMP
330	Citric acid	Limited by GMP
338	Ortho Phosphoric acid	880 mg/kg as phosphorus
507	Hydrochloric acid	Limited by GMP
331(i)	Sodium dihydrogen citrate	Limited by GMP
332(i)	Potassium dihydrogen citrate	Limited by GMP
333	Calcium citrates	Limited by GMP
334	Tartaric acid (L(+)-)	1500 mg/kg singly or in combination as tartaric acid
335(i)	Monosodium tartrate	
335(ii)	Dis Sodium L (+)-tartrate	
336(i)	Monopotassium tartrate	
336(ii)	Dipotassium tartrate	
337	Potassium sodium L (+)-tartrate	
Stabilizers		
339(i)	Monos Sodium dihydrogen Ortho phosphate	4400 mg/kg singly or in combination, expressed as phosphorus
339(ii)	Disodium hydrogen Ortho phosphate	
339(iii)	Trisodium Ortho phosphate	
340(i)	Monop Potassium dihydrogen Ortho phosphate	
340(ii)	Dipotassium hydrogen Ortho phosphate	
340(iii)	Tripotassium Ortho phosphate	
341(i)	Monocalcium dihydrogen Ortho phosphate	
341(ii)	Dicalcium hydrogen Ortho phosphate	
341(iii)	Tricalcium Ortho phosphate	
342(i)	Monos Ammonium hydrogen ortho phosphate	
342(ii)	Diammonium hydrogen ortho phosphate	
343(ii)	Dim Magnesium hydrogen ortho phosphate	
343(iii)	Trimagnesium ortho phosphate	
450(i)	Disodium diphosphate	
450(iii)	Tetrasodium diphosphate	
450(v)	Tetrapotassium diphosphate	
450(vi)	Dicalcium diphosphate	
451(i)	Pentasodium triphosphate	
451(ii)	Pentapotassium triphosphate	
452(i)	Sodium polyphosphate	
452(ii)	Potassium polyphosphate	
452(iv)	Calcium polyphosphate	
452(v)	Ammonium polyphosphate	
400	Alginic acid	Limited by GMP

INS No.	Name of Additive	Maximum Level
401	Sodium alginate	Limited by GMP
402	Potassium alginate	Limited by GMP
403	Ammonium alginate	Limited by GMP
404	Calcium alginate	Limited by GMP
405	Propylene glycol alginate	5000 mg/kg
406	Agar	Limited by GMP
407	Carrageenan and its Na, K, NH ₄ , Ca and Mg salts (includes Eucheallera)	Limited by GMP
407a	Processed Eucheema seaweed (PES)	Limited by GMP
410	Carob bean gum	Limited by GMP
412	Guar gum	Limited by GMP
413	Tragacanth gum	Limited by GMP
415	Xanthan gum	Limited by GMP
416	Karaya gum	Limited by GMP
417	Tara gum	Limited by GMP
418	Gellan gum	Limited by GMP
466	Sodium carboxymethyl cellulose	Limited by GMP
Stabilizers (Modified Starches)		
1400	Dextrins, roasted starch	Limited by GMP
1401	Acid-treated starch	Limited by GMP
1402	Alkaline treated starch	Limited by GMP
1403	Bleached starch	Limited by GMP
1404	Oxidized starch	Limited by GMP
1405	Starches, enzyme-treated	Limited by GMP
1410	Monostarch phosphate	Limited by GMP
1412	Distarch phosphate	Limited by GMP
1413	Phosphated distarch phosphate	Limited by GMP
1414	Acetylated distarch phosphate	Limited by GMP
1420	Starch Acetate	Limited by GMP
1422	Acetylated distarch adipate	Limited by GMP
1440	Hydroxypropyl starch	Limited by GMP
1442	Hydroxypropyl distarch phosphate	Limited by GMP
Emulsifiers		
322	Lecithins	Limited by GMP
470(i)	Salt of myristic, palmitic and stearic acids with ammonia, calcium, potassium and sodium	Limited by GMP
470(ii)	Salt of oleic acid with calcium, potassium and sodium	Limited by GMP
471	Mono- and di-Glycerides of fatty acids	Limited by GMP
472a	Acetic and fatty acid esters of Glycerol	Limited by GMP
472b	Lactic and fatty acid esters of Glycerol	Limited by GMP
472c	Citric and fatty acid esters of Glycerol	Limited by GMP
472e	Diacetyltartaric and fatty acid esters of glycerol	10000 mg/kg
Antioxidants		
300	Ascorbic acid	Limited by GMP
301	Sodium ascorbate	Limited by GMP
302	Calcium ascorbate	Limited by GMP
304	Ascorbyl palmitate	500 mg/kg
305	Ascorbyl stearate	singly or in combination as ascorbyl stearate
307b	Mixed tocopherols concentrate	200 mg/kg
307c	dl- α -Tocopherol	singly or in combination
Colours		
160a(i)	β -Carotenes (synthetic)	35 mg/kg singly or in combination
160a(iii)	β -Carotenes (<i>Blakeslea triaspora</i>)	
160e	β -apo-8'-Carotenal	
160f	β -apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	β -Carotenes, (vegetable)	600 mg/kg
171	Titanium dioxide	Limited by GMP
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Foaming Agent		
290	Carbon dioxide	Limited by GMP
941	Nitrogen	Limited by GMP

STANDARD FOR CAMEMBERT (CODEX STAN 276-1973)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Acidity Regulators		
575	Glucono delta-lactone	Limited by GMP

STANDARD FOR BRIE (CODEX STAN 277-1973)

INS No.	Name of Additive	Maximum Level
Colours		
160a(i)	beta-Carotenes , (synthetic)	35 mg/kg Singly or in combination
160a(iii)	beta-Carotenes (<i>Blakeslea triaspora</i>)	
160e	beta-apo-8'-Carotenal	
160f	beta-apo-8'-Carotenoic acid, methyl or ethyl ester	
160a(ii)	beta-Carotenes , (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	25 mg/kg
Acidity Regulators		
575	Glucono delta-lactone	Limited by GMP

STANDARD FOR EVAPORATED MILKS (CODEX STAN 281-1971)

INS No.	Name	Maximum Level
Firming agents		
508	Potassium chloride	2 g/kg singly or 3 g/kg in combination, expressed as anhydrous substances
509	Calcium chloride	
Stabilizers		
331	Sodium citrates	2 g/kg singly or 3 g/kg in combination, expressed as anhydrous substances
332	Potassium citrates	
333	Calcium citrates	
Acidity Regulators		
170	Calcium carbonates	2 g/kg singly or 3 g/kg in combination, expressed as anhydrous substances
339	Sodium phosphates	
340	Potassium phosphates	
341	Calcium phosphates	
450	Diphosphates	
451	Triphosphates	
452	Polyphosphates	
500	Sodium carbonates	
501	Potassium carbonates	
Thickener		
407	Carrageenan	150 mg/kg
Emulsifier		
322	Lecithins	Limited by GMP

STANDARD FOR SWEETENED CONDENSED MILKS (CODEX STAN 282-1971)

INS No.	Name	Maximum Level
Firming agents		
508	Potassium chloride	2 g/kg singly or 3 g/kg in combination, expressed as anhydrous substances
509	Calcium chloride	
Stabilizers		
331	Sodium citrates	2 g/kg singly or 3 g/kg in combination, expressed as anhydrous substances
332	Potassium citrates	
333	Calcium citrates	
Acidity Regulators		
170	Calcium carbonates	2 g/kg singly or 3 g/kg in combination, expressed as anhydrous substances
339	Sodium phosphates	
340	Potassium phosphates	
341	Calcium phosphates	
451	Triphosphates	

452	Polyphosphates	
500	Sodium carbonates	
501	Potassium carbonates	
Thickener		
407	Carrageenan	150 mg/kg
Emulsifier		
322	Lecithins	Limited by GMP

STANDARD FOR CHEESE (CODEX STAN 283-1978)

INS No.	Name	Maximum Level
Colours		
100	Curcumins (for edible cheese rind)	Limited by GMP
101	Riboflavins	Limited by GMP
120	Carmines (for red marbled cheeses only)	Limited by GMP
140	Chlorophylls (for green marbled cheeses only)	Limited by GMP
141	Chlorophylls, copper complexes	15 mg/kg
160a(i)	beta -Carotenes, (synthetic)	25 mg/kg
160a(ii)	Carotenes, beta - (natural extracts) (vegetable)	600 mg/kg
160b(ii)	Annatto extracts, norbixin based	50 mg/kg
160c	Paprika oleoresins	Limited by GMP
160e	beta -apo-8'-Carotenal	35 mg/kg
160f	beta -apo-8'-Carotenoic acid, methyl or ethyl ester	35 mg/kg
162	Beet red	Limited by GMP
171	Titanium dioxide	Limited by GMP
Acidity regulators		
170	Calcium carbonates	Limited by GMP
504	Magnesium carbonates	
575	Glucono delta-lactone	
Preservatives		
200	Sorbic acid	3000 mg/kg calculated as sorbic acid
201	Sodium sorbate	
202	Potassium sorbate	
203	Calcium sorbate	
234	Nisin	12.5 mg/kg
239	Hexamethylene tetramine (Provolone only)	25 mg/kg, expressed as formaldehyde
251	Sodium nitrate	50 mg/kg, expressed as NaNO ₃
252	Potassium nitrate	
280	Propionic acid	3000 mg/kg, calculated as propionic acid
281	Sodium propionate	
282	Calcium propionate	
1105	Lysozyme	Limited by GMP
For surface/rind treatment only:		
200	Sorbic acid	1 g/kg singly or in combination, calculated as sorbic acid
202	Potassium sorbate	
203	Calcium sorbate	
235	Pimaricin (natamycin) Natamycin (Pimaricin)	2 mg/dm ² of surface. Not present in a depth of 5 mm
Miscellaneous additive		
508	Potassium chloride	Limited by GMP
Sliced, cut, shredded or grated cheese		
INS No.	Name	Maximum Level
Anti-caking agents		
460	Celluloses	Limited by GMP
551	Silicon dioxide, amorphous	10 g/kg singly or in combination. Silicates calculated as silicon dioxide
552	Calcium silicate	
553	Magnesium silicates	
554	Sodium aluminosilicate	
555	Potassium aluminosilicate aluminium silicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	
560	Potassium silicate	
Preservatives		
200	Sorbic acid	1 g/kg singly or in combination, calculated as

INS No.	Name	Maximum Level
202	Potassium sorbate	sorbic acid
203	Calcium sorbate	

GENERAL STANDARD FOR NAMED VARIETY PROCESS(ED) CHEESE AND SPREADABLE PROCESS(ED) CHEESE (CODEX STAN 285-1978)

	INS No.		Maximum level in the final product
3.1 Emulsifiers			
	<u>452(i), 452(ii), 452(iv), 451(i), 451(ii)</u>	Sodium <u>polyphosphate</u> , potassium <u>polyphosphate</u> and , calcium <u>polyphosphate</u> , <u>Sodium tripolyphosphate</u> , <u>potassium tripolyphosphate</u> salts of the mono, di and polyphosphoric acids	40 g/kg, singly or in combination, calculated as anhydrous substances, except that added phosphorus compounds should not exceed 9 g/kg calculated as phosphorus
	<u>331, 332, 333</u>	Sodium <u>citrates</u> , potassium <u>citrates</u> and calcium <u>citrate</u> salts of citric acid	
	<u>330, 338, 500(ii), 170(i)</u>	Citric acid and/or phosphoric acid with sodium hydrogen carbonate and/or calcium carbonate	
3.2 Acidifiers / pH controlling agents			
	<u>330</u>	Citric acid	Limited by GMP
	<u>338</u>	Phosphoric acid	
	<u>270</u>	Lactic acid	
	<u>500(ii), 170(i)</u>	Sodium hydrogen carbonate and/or calcium carbonate	
3.3 Colours			
	<u>160b(i)</u>	Annatto extracts, bixin based	60 mg/kg
	<u>160b(ii)</u>	Annatto extracts, norbixin based	25 mg/kg
	<u>160a(ii)</u>	beta-carotene (vegetable)	600 mg/kg
	<u>140, 141(i)</u>	Chlorophylls, <u>Chlorophylls</u> , <u>copper complexes</u> including copper chlorophyll	Limited by GMP
	<u>101</u>	Riboflavin	
	<u>160c</u>	<u>Oleoresin of pPaprika oleoresin</u>	
	<u>100(i)</u>	Curcumin	
3.4 Preservatives			
	<u>200, 201, 202, 280, 281, 282</u>	Either sorbic acid, and its sodium <u>sorbate</u> and potassium <u>sorbate</u> , or propionic acid, and sodium <u>propionate</u> and calcium <u>propionate</u> salts	3 g/kg singly or in combination expressed as the acids
	<u>234</u>	Nisin	12.5 mg of pure nisin per kg

GENERAL STANDARD FOR PROCESS(ED) CHEESE AND SPREADABLE PROCESS(ED) CHEESE (CODEX STAN 286-1978)

	INS No.		Maximum level in the final product
3.1 Emulsifiers			
	<u>452(i), 452(ii), 452(iv), 451(i), 451(ii)</u>	Sodium <u>polyphosphate</u> , potassium <u>polyphosphate</u> and , calcium <u>polyphosphate</u> , <u>Sodium tripolyphosphate</u> , <u>potassium tripolyphosphate</u> salts of the mono, di and polyphosphoric acids	40 g/kg, singly or in combination, calculated as anhydrous substances, except that added phosphorus compounds should not exceed 9 g/kg calculated as phosphorus
	<u>331, 332, 333</u>	Sodium <u>citrate</u> , potassium <u>citrate</u> and calcium <u>citrate</u> salts of citric acid	
	<u>330, 338, 500(ii), 170(i)</u>	Citric acid and/or phosphoric acid with sodium hydrogen carbonate and/or calcium carbonate	
3.2 Acidifiers / pH controlling agents			
	<u>330</u>	Citric acid	Limited by GMP
	<u>338</u>	Phosphoric acid	
	<u>270</u>	Lactic acid	
	<u>500(ii), 170(i)</u>	Sodium hydrogen carbonate and/or calcium carbonate	

3.3 Colours			
	160b(i)	Annatto extracts, bixin based	60 mg/kg
	160b(ii)	Annatto extracts, norbixin based	25 mg/kg
	160a(ii)	beta-carotene (vegetable)	600 mg/kg
	140, 141(i)	Chlorophylls, copper complexes including copper chlorophyll Chlorophylls, copper complexes including copper chlorophyll	Limited by GMP
	101	Riboflavins	
	160c	Oleoresin of p Paprika oleoresin	
	100(i)	Curcumin	
3.4 Preservatives			
	200, 201, 202, 280, 281, 282	Either sorbic acid, and its sodium sorbate and potassium sorbate , or propionic acid, and sodium propionate and calcium propionatesalts	3 g/kg singly or in combination expressed as the acids
	234	Nisin	12.5 mg of pure nisin per kg

GENERAL STANDARD FOR PROCESS(ED) CHEESE PREPARATIONS (PROCESS(ED) CHEESE FOOD AND PROCESS(ED) CHEESE SPREAD) (CODEX STAN 287-1978)

INS No.		Maximum level in the final product	
3.1 Emulsifiers			
	452(i), 452(ii), 452(iv), 451(i), 451(ii)	Sodium polyphosphate , potassium polyphosphate and calcium polyphosphate, Sodium tripolyphosphate, potassium tripolyphosphate salts of the mono-, di- and polyphosphoric acids polyphosphate, Sodium tripolyphosphate, potassium tripolyphosphate salts of the mono-, di- and polyphosphoric acids	
	331, 332, 333	Sodium citrates , potassium citrates and calcium citrate salts of citric acid	
	330, 338, 500(ii), 170(i)	Citric acid and/or phosphoric acid with sodium hydrogen carbonate and/or calcium carbonate	
3.2 Acidifiers / pH controlling agents			
	330	Citric acid	
	338	Phosphoric acid	
	270	Lactic acid	
	500(ii), 170(i)	Sodium hydrogen carbonate and/or calcium carbonate	
3.3 Colours			
	160b(i)	Annatto extracts, bixin based	60 mg/kg
	160b(ii)	Annatto extracts, norbixin based	80 mg/kg
	160a(ii)	beta-carotene (vegetable)	600 mg/kg
	140, 141(i)	Chlorophylls, copper complexes including copper chlorophyll Chlorophylls, copper complexes including copper chlorophyll	Limited by GMP
	101	Riboflavins	
	160c	Oleoresin of p Paprika oleoresin	
	100(i)	Curcumin	
3.4 Preservatives			
	200, 201, 202, 280, 281, 282	Either sorbic acid, and its sodium sorbate and potassium sorbate , or propionic acid, and sodium propionate and calcium propionatesalts	3 g/kg singly or in combination expressed as the acids
	234	Nisin	12.5 mg of pure nisin per kg
3.5 Taste intensifiers			
	621	Mono Sodium L-glutamate	Limited by GMP
3.6 Other Additives			
	414	Arabic Gum arabic (Acacia gum)	8 g/kg singly or in combination
	410	Locust (CCarob) bean gum	
	416	Karaya gum	
	412	Guar gum	
	406	Agar agar	
	407	Carrageenan	
	415	Xanthan gum	
	466	Sodium carboxymethylcellulose (cellulose gum)	
	401, 402, 404, 403	Sodium alginate , potassium alginate , calcium alginate and ammonium alginate salts of alginic acid	

	405	Propylene glycol alginate ester of alginic acid
	440	Pectins
	428	Gelatine

* Endorsement postponed

STANDARD FOR CREAM AND PREPARED CREAMS (CODEX STAN 288-1976)

INS No.	Name of Additive	Maximum Level
Acidity Regulators		
270	Lactic acid (L, D, and DL-)	GMP
325	Sodium lactate	GMP
326	Potassium lactate	GMP
327	Calcium lactate	GMP
330	Citric acid	GMP
333	Calcium citrates	GMP
500(i)	Sodium carbonate	GMP
500(ii)	Sodium hydrogen carbonate	GMP
500(iii)	Sodium sesquicarbonate	GMP
501(i)	Potassium carbonate	GMP
501(ii)	Potassium hydrogen carbonate	GMP
Stabilizers and Thickeners		
170(i)	Calcium carbonate	GMP
331(i)	Sodium dihydrogen citrate	GMP
331(iii)	Trisodium citrate	GMP
332(i)	Potassium dihydrogen citrate	GMP
332(ii)	Tripotassium citrate	GMP
516	Calcium sulfate sulphate	GMP
339(i)	Mono Sodium ortho dihydrogen phosphate	1100 mg/kg expressed as phosphorus
339(ii)	Disodium ortho hydrogen phosphate	
339(iii)	Trisodium ortho phosphate	
340(i)	Mono Potassium ortho dihydrogen phosphate	
340(ii)	Dipotassium ortho hydrogen phosphate	
340(iii)	Tripotassium ortho phosphate	
341(i)	Monocalcium ortho divhydrogen phosphate	
341(ii)	Dicalcium ortho hydrogen phosphate	
341(iii)	Tricalcium ortho phosphate	
450(i)	Disodium diphosphate	
450(ii)	Trisodium diphosphate	
450(iii)	Tetrasodium diphosphate	
450(v)	Tetrapotassium diphosphate	
450(vi)	Dicalcium diphosphate	
450(vii)	Calcium dihydrogen diphosphate	
451(i)	Pentasodium triphosphate	
451(ii)	Pentapotassium triphosphate	
452(i)	Sodium polyphosphate	
452(ii)	Potassium polyphosphate	
452(iii)	Sodium calcium polyphosphate	
452(iv)	Calcium polyphosphate	
452(v)	Ammonium polyphosphate	
400	Alginic acid	GMP
401	Sodium alginate	GMP
402	Potassium alginate	GMP
403	Ammonium alginate	GMP
404	Calcium alginate	GMP
405	Propylene glycol alginate	5000 mg/kg
406	Agar	GMP
407	Carrageenan and its Na, K, NH₄ salts	GMP
407a	Processed eucheuma seaweed	GMP
410	Carob bean gum	GMP
412	Guar gum	GMP
414	Gum arabic	GMP
415	Xanthan gum	GMP
418	Gellan gum	GMP
440	Pectins	GMP
460(i)	Microcrystalline cellulose	GMP

INS No.	Name of Additive	Maximum Level
460(ii)	Powdered cellulose	GMP
461	Methyl cellulose	GMP
463	Hydroxypropyl cellulose	GMP
464	Hydroxypropyl methyl cellulose	GMP
465	Methyl ethyl cellulose	GMP
466	Sodium carboxymethyl cellulose	GMP
508	Potassium chloride	GMP
509	Calcium chloride	GMP
1410	Monostarch phosphate	GMP
1412	Distarch phosphate esterified with sodium trimetaphosphate; esterified with phosphorus oxychloride	GMP
1413	Phosphated distarch phosphate	GMP
1414	Acetylated distarch phosphate	GMP
1420	Starch acetate	GMP
1422	Acetylated distarch adipate	GMP
1440	Hydroxypropyl starch	GMP
1442	Hydroxypropyl distarch phosphate	GMP
1450	Starch sodium octenyl succinate	GMP
Emulsifiers		
322 (i)	Lecithin	GMP
432	Polyoxyethylene (20) sorbitan monolaurate	1000 mg/kg
433	Polyoxyethylene (20) sorbitan monooleate	
434	Polyoxyethylene (20) sorbitan monopalmitate	
435	Polyoxyethylene (20) sorbitan monostearate	
436	Polyoxyethylene (20) sorbitan tristearate	
471	Mono- and diglycerides of fatty acids	GMP
472a	Acetic and fatty acid esters of glycerol	GMP
472b	Lactic and fatty acid esters of glycerol	GMP
472c	Citric and fatty acid esters of glycerol	GMP
473	Sucrose esters of fatty acids	5000 mg/kg
475	Polyglycerol esters of fatty acids	6000 mg/kg
491	Sorbitan monostearate	5000 mg/kg
492	Sorbitan tristearate	
493	Sorbitan monolaurate	
494	Sorbitan monooleate	
495	Sorbitan monopalmitate	
Packaging Gases		
290	Carbon dioxide	GMP
941	Nitrogen	GMP
Propellant For use only in whipped creams (including creams packed under pressure)		
942	Nitrous oxide	GMP

STANDARD FOR EDIBLE CASEIN PRODUCTS (CODEX STAN 290-1995)

INS No	Name of food additive	Maximum level
Acidity regulators		
261(i)	Potassium acetate	Limited by GMP
262(i)	Sodium acetate	
263	Calcium acetate	
325	Sodium lactate	
326	Potassium lactate	
327	Calcium lactate	
328	Ammonium lactate	
329	Magnesium lactate (DL-)	
452	Polyphosphates	
Neutralizing agents		
331	Sodium citrates	Limited by GMP
332	Potassium citrates	
333	Calcium citrates	
345	Magnesium citrate	
380	Triammonium citrates	
339	Sodium phosphates	10 g/kg singly or in combination expressed as P ₂ O ₅ *
340	Potassium phosphates	
341	Calcium phosphates	
342	Ammonium phosphates	

INS No	Name of food additive	Maximum level
343	Magnesium phosphates	
170	Calcium carbonates	Limited by GMP
500	Sodium carbonates	
501	Potassium carbonates	
503	Ammonium carbonates	
504	Magnesium carbonates	
524	Sodium hydroxide	
525	Potassium hydroxide	
526	Calcium hydroxide	
527	Ammonium hydroxide	
528	Magnesium hydroxide	
Emulsifiers		
322	Lecithins	Limited by GMP
471	Mono- and di-glycerides of fatty acids	
Bulking agents		
325	Sodium lactate	Limited by GMP
Anti-caking agents		
170(i)	Calcium carbonate	10 g/kg singly or in combination *
341(iii)	Tricalcium ortho phosphate	
343(iii)	Trimagnesium ortho phosphate	
460	Celluloses	
504(i)	Magnesium carbonate	
530	Magnesium oxide	
551	Silicon dioxide, amorphous	
552	Calcium silicate	
553	Magnesium silicates	
554	Sodium aluminosilicate	
556	Calcium aluminium silicate	
559	Aluminium silicate	
1442	Hydroxypropyl distach phosphate	

* Total amount of P₂O₅ shall not exceed 10 g/kg.