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Vietnam Revises List of Additives Approved for Use in Food

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Approved By:

Michael Ward

Prepared By:

Bui Thi Huong

Report Highlights:

On November 30, 2012, the Ministry of Health (MOH) issued Circular No.27/2012/TT-BYT, regarding Guidance on the Management of Food Additives. Circular 27 promulgates a list of 400 food additives, coded by International Numbering System (INS) (Appendix 1), which are allowed for use in food, and proscribes the maximum limit for those additives in food products (Appendix 2). The Circular entered into force on February 1, 2013.

General Information:

On November 30, 2012, the Ministry of Health (MOH) issued Circular No.27/2012/TT-BYT, referred at Circular 27 in this report, regarding Guidance on the Management of Food Additives. Circular 27 promulgates the list of 400 food additives, coded by International Numbering System (INS) (Appendix 1), allowed for use in food, and proscribes the maximum limit for those additives in food products (Appendix 2). The Circular entered into force on February 1, 2013.

Circular 27 updates and supersedes the current list of food additives allowed for use in food, promulgated by MOH’s Decision No.3742/2001/QD-BYT dated August 31, 2001 (see Section IV of GAIN Report [VM9078](#)). Decision 37 will expire when Circular 27 enters into force.

This report provides un-official translation of Circular 27 and the Circular’s Appendix 1. Please contact Post if you need additional information from Appendix 2 of the Circular No.27/2012/TT-BYT.

The full Circular in Vietnamese, including the two Appendices can be downloaded from the Vietnam Food Administration’s (VFA) website: <http://vfa.gov.vn/doc/download/thong-tu-huong-dan-quan-ly-phu-gia-thuc-pham-167.vfa>.

Un-official translation of MOH’s Circular 27/2012/TT-BYT dated November 30, 2012

Ministry of Health

**SOCIALIST REPUBLIC OF VIETNAM
Independence - Freedom - Happiness**

N0: 27/2012/TT-BYT

Hà Nội November 30, 2012

**CIRCULAR
Guidance on Management of Food Additives**

Pursuant to the Food Safety Law dated June 17, 2010

Pursuant to the Government Decree No.38/2012/ND-CP dated April 25, 2012 on Detail Implementation of Some Articles of the Food Safety Law

Pursuant to the Government Decree No.63/2012/ND-CP dated August 31, 2012 regarding regulation on functions, responsibilities, authorities and organization of the Ministry of Health.

Per proposal of the Director General of Vietnam Food Administration

Minister of Ministry of Health issues Circular on Guidance of Management of Food Additives

Article 1. Scope of Application

This Circular regulates:

1. List of food additives allowed to use in production, processing and trading of food; and maximum level of food additives allowed in food.
2. Requirements on management of food additives.

Article 2: Definitions

In this Circular, abbreviated words and symbols can be understood as below:

1. CAC: Codex Alimentarius Committee
2. GMP : Good Manufacturing Practices
3. ML: Maximum Level: is the maximum level of food additive considered to be safe to use for each kind of food or group of food. The maximum limit is calculated as mg food additive per a kg of food (mg/kg)
4. INS: International Numbering System is a system of indicators for each food additive developed by CAC
5. Food Category Number is a number listed for each kind of food, food group in accordance with food classification system developed by CAC for management of food additives.
6. Uses of food additive include:
 - a) Production, processing, trade and import of food additive;
 - b) Production, processing, trade and use of food containing food additives.

Article 3: Prohibited activities in use of food additives

1. Use of food additive that is not on the list of food additives allowed to use specified in Appendix 1 issued together with this Circular
2. Use of food additive is over permitted limit, use for improper food Objects specified in the Appendix 2 issued together with this Circular.
3. Use of food additive that do not meeting management requirements specified in Article 6 of this Circular
4. Use of unknown original and expired food additives.

Article 4. List of food additives allowed for use in food

List of food additives allowed to use in food are regulated in Appendix 1 issued together with this Circular

Article 5. Maximum limit for food additives in food

Maximum limits of food additives for food regulated in Appendix 2 issued together with this Circular

Article 6. Requirements on management of food additives

1. Food additive producing, trading establishments must fully meet requirements regulated in

MOH's Circular No.16/2012/TT-BYT dated October 22, 2012 regarding Regulation on Food Safety Requirements for Establishments that Produce, Trade of Food, Food containers, Food Packing Materials under management of Ministry of Health.

2. Food additives must be declared for conformity to food safety regulation before production, trade, import and use for food production and processing

The order, procedure for conformity declaration to food safety regulation are specified in MOH's Circular 19/2012/TT-BYT dated November 9, 2012 regarding Guidance on Declaration or Registration of Conformity to food safety regulation.

3. Application of GMP during production, processing of food must be in compliance with:

a) Limit to the minimum amount of necessary food additive used for meeting technical requirement.

b) Make sure that the amount of food additive used during production, processing, storing, packing and transportation of food does not make any change of food's nature.

4. Supplemental label of food additive must be in compliance with current regulations.

Article 7. Transitional provision

Food additives, food additive containing food products that were already granted Certificate on Product Quality prior to the effective date of this Circular, are eligible for use in accordance with expiry date stated in the Certificate.

Article 8. Review, revise, and amendment

Pursuant to management requirements on certain periods, based on product quality standards or CAC's guidelines, Vietnam Food Administration will review, send proposal requesting Ministry of Health to amend, supplement this Circular in order to facilitate domestic production and being in compliance with international practice.

Article 9. Reference provision

In the case legal documents and regulations cited in this Circular are changed, supplemented or replaced shall comply with new legal documents.

Article 10. Implementing provision

1. This Circular will be effective from February 1, 2013. All regulations relating to management of food additive (excluding flavor substance allowed to use in food) cited in: the Regulation on the List of Food Additives Allowed to use in Food promulgated by MOH's Decision 3742/2001/QD-BYT dated August 31, 2001; and the Regulation on Conditions Ensuring Food Safety during production, trade, and use of food additives promulgated by MOH's Decision No.928/2002/QD-BYT dated March 21, 2002, will be expired on the effective day of this Circular.

2. Vietnam Food Administration is responsible for taking lead to coordinate with relevant authorized agencies to implement this Circular./.

**For Minister/
Vice Minister**

(signed)

Nguyễn Thanh Long

Appendix 1

List of Food Additives Allowed to Use in Food

(Promulgated with Circular No. 27 /2012/TT-BYT dated November 30, 2012)

I. List of Food Additives Allowed in Food by INS

No.	INS	Name of Food Additive		Function	Page number of the Circular (page)
		Vietnamese	English		
1	100(i)	Curcumin	Curcumin	Coloring	89
2	100(ii)	Turmeric	Turmeric	Coloring	90
3	101(i)	Riboflavin	Riboflavin	Coloring	90
4	101(ii)	Natri Riboflavin 5'-phosphat	Riboflavin 5'-phosphate sodium	Coloring	90
5	101(iii)	Riboflavin từ <i>Bacillus subtilis</i>	Riboflavin from <i>Bacillus subtilis</i>	Coloring	90
6	102	Tartrazin	Tartrazine	Coloring	94
7	104	Quinolin	Quinoline Yellow	Coloring	95
8	110	Sunset yellow FCF	Sunset Yellow FCF	Coloring	95
9	120	Carmin	Carmines	Coloring	99
10	122	Carmoisin	Azorubine (Carmoisine)	Coloring	103
11	123	Amaranth	Amaranth	Coloring	103
12	124	Ponceau 4R	Ponceau 4R	Coloring	103
13	127	Erythrosin	Erythrosine	Coloring	106
14	129	Allura red AC	Allura Red AC	Coloring	107
15	132	Indigotin (Indigocarmin)	Indigotine	Coloring	110
16	133	Brilliant blue FCF	Brilliant Blue FCF	Coloring	112
17	140	Clorophyl	Chlorophylls	Coloring	116
18	141(i)	Phức clorophyl đồng	Chlorophyll Copper Complex	Coloring	116
19	141(ii)	Phức clorophyl đồng (muối Natri, kali của nó)	Chlorophyll Copper Complex, Sodium And Potassium Salts	Coloring	116
20	143	Fast green FCF	Fast Green FCF	Coloring	119
21	150a	Caramen nhóm I (không xử lý)	Caramel I- Plain	Coloring	121
22	150b	Caramen nhóm II (xử lý sulfite)	Caramel II- Sulfite process	Coloring	122
23	150c	Caramen nhóm III (xử lý amoni)	Caramel III – Ammonia Process	Coloring	122
24	150d	Caramen nhóm IV (xử lý amoni sulfite)	Caramel IV – Ammonia Sulphite Process	Coloring	126
25	151	Brilliant black	Brilliant black	Coloring	129
26	155	Brown HT	Brown HT	Coloring	130
27	160a(i)	Beta-caroten tổng hợp	Beta-Carotene (Synthetic)	Coloring	130
28	160a(ii)	Caroten tự nhiên (chiết xuất từ thực vật)	Natural Extracts (carotenes)	Coloring	134

29	160a(iii)	Beta-Caroten, Blakeslea trispora	Beta-Caroten, Blakeslea trispora	Coloring	130
30	160b(i)	Chất chiết xuất từ annatto, bixin based	Annatto Extracts, bixin based	Coloring	139
31	160b(ii)	Chất chiết xuất từ annatto, norbixin- based	Annatto extracts, norbixin-based	Coloring	140
32	160c	Parika oleoresin	Parika oleoresin	Coloring	140
33	160d(i)	Lycopen tổng hợp	Lycopenes, synthetic	Coloring	141
34	160d(ii)	Lycopen chiết xuất từ cà chua	Lycopenes extract from tomato	Coloring	141
35	160d(iii)	Lycopen, Blakeslea trispora	Lycopene, Blakeslea trispora	Coloring	141
36	160e	Beta-Apo-Carotenal	Carotenal, Beta-Apo- 8'-	Coloring	130
37	160f	Este methyl (hoặc Etyl) của acid Beta- Apo-8'-Carotenic	Beta-Apo-8'- Carotenic Acid, Methyl Or Ethyl Ester	Coloring	130
38	161b(i)	Lutein from tagets erecta	Lutein from tagets erecta	Coloring	141
39	161h(i)	Zeaxathin tổng hợp	Zeaxathin, synthetic	Coloring	141
40	161g	Canthaxanthin	Canthaxanthine	Coloring	142
41	162	Beet red	Beet red	Coloring	143
42	163(ii)	Chất chiết xuất từ vỏ nhô	Grape Skin Extract	Coloring	144
43	170(i)	Calci carbonat	Calcium Carbonate	Acidity regulator, anticaking agent, firming agent, flour treatment agent, stabilizing agent	147

44	171	Dioxyd titan	Titanium Dioxyde	Coloring	148
45	172(i)	Oxyd sắt đen	Iron oxyde, Black	Coloring	148
46	172(ii)	Oxyd sắt đỏ	Iron oxyde, Red	Coloring	148
47	172(iii)	Oxyd sắt vàng	Iron oxyde, Yellow	Coloring	148
48	174	Bạc	Silver	Coloring	150
49	175	Vàng	Gold	Coloring	150
50	200	Acid sorbic	Sorbic Acid	Preservative	150
51	201	Natri sorbat	Sodium Sorbate	Preservative	150
52	202	Kali sorbat	Potassium Sorbate	Preservative	150
53	203	Calci sorbat	Calcium Sorbate	Preservative	150
54	210	Acid benzoic	Benzoic Acid	Preservative	155
55	211	Natri benzoat	Sodium Benzoate	Preservative	155
56	212	Kali benzoat	Potassium Benzoate	Preservative	155
57	213	Calci benzoat	Calcium Benzoate	Preservative	155
58	214	Etyl pra-Hydroxybenzoat	Etyl pra- Hydroxybenzoate	Preservative	159
59	216	Propyl pra-	Propyl pra-	Preservative	161

		Hydroxybenzoat	Hydroxybenzoate		
60	218	methyl pra-Hydroxybenzoat	methyl pra-Hydroxybenzoate	Preservative	159
61	220	Sulphua dioxyd	Sulfur Dioxyde	Preservative, antioxidant	161
62	221	Natri sulfit	Sodium Sulfit	Preservative, antioxidant, color detergent, flour treatment agent.	161
63	222	Natri hydro sulfit	Sodium Hydrogen Sulfit	Preservative, antioxidant	161
64	223	Natri metabisulfit	Sodium Metabisulphite	Preservative, antioxidant, color detergent, flour treatment agent.	161
65	224	Kali metabisulfit	Potassium Metabisulphite	Preservative, antioxidant, color detergent, flour treatment agent.	161
66	225	Kali sulfit	Potassium Sulphite	Preservative, antioxidant, metal complexes creating agent.	161
67	227	Calci hydro sulfit	Calcium Hydrogen Sulphite	Preservative, antioxidant	161
68	228	Kali bisulfit	Potassium Bisulphite	Preservative, anticaking agent.	161
69	231	Ortho-phenylphenol	Ortho-Phenylphenol	Preservative	165
70	232	Natri ortho-phenylphenol	Sodium ortho-Phenylphenol	Preservative	165
71	234	Nisin	Nisin	Preservative	165
72	235	Natamycin	Natamycin	Preservative	165
73	236	Acid formic	Formic acid	Preservative	166
74	239	Hexamethylen tetramin	Hexamethylene tetramine	Preservative	166
75	242	Dimethyl dicarbonat	Dimethyl dicarbonate	Preservative	166
76	243	Lauric argrinatethyleste	lauric argrinateethylester	Preservative	167
77	249	Natri nitrit	Sodium nitrite	Preservative	168
78	250	Kali nitrit	Postassium nitrite	Preservative	168
79	251	Natri nitrat	Sodium nitrate	Color retention agent, preservative	168
80	252	Kali nitrat	Potassium nitrate	Color retention agent, preservative.	168
81	260	Acid acetic băng	Acetic acid, Glacial	Acidity regulator, preservative	169
82	261	Kali acetat (các muối)	Potassium acetates	Acidity regulator, stabilizing agent	170
83	261(i)	Kali acetat	Potassium acetate	Acidity regulator	170
84	261(ii)	Kali diacetat	Potassium diacetate	Acidity regulator	170
85	262(i)	Natri acetat	Sodium acetate	Acidity regulator, preservative, metal complexes creating agent.	170

86	263	Calci acetat	Calcium Acetate	Acidity regulator, preservative, stabilizing agent.	171
87	264	Amonium acetat	Ammonium acetate	Acidity regulator	171
88	270	Acid lactic (L-, D- và DL)	Lactic acid, L-, D- and DL-	Acidity regulator	171
89	280	Acid propionic	Propionic Acid	Preservative	173
90	281	Natri propionat	Sodium Propionate	Preservative	173
91	282	Calci propionat	Calcium propionate	Preservative	173
92	283	Kali propionat	Potassium propionate	Preservative	173
93	290	Carbon dioxyd	Carbon dioxide	Carbonic forming agent	173
94	296	Acid malic	Malic Acid (DL-)	Acidity regulator	174
95	297	Acid fumaric	Fumaric Acid	Acidity regulator	175
96	300	Acid ascorbic (L-)	Ascorbic Acid (L-)	Antioxidant, acidity regulator, flour treatment agent	175
97	301	Natri ascorbat	Sodium Ascorbate	Antioxidant	177
98	302	Calci ascorbat	Calcium Ascorbate	Antioxidant	178
99	303	Kali ascorbat	Potassium Ascorbate	Antioxidant	178
100	304	Ascorbyl palmitat	Ascorbyl Palmitate	Antioxidant	179
101	305	Ascorbyl stearat	Ascorbyl Stearate	Antioxidant	179
102	307a	Alpha-Tocopherol	d-alpha-Tocopherol	Antioxidant	182
103	307b	Tocopherol concentrat (dạng hỗn hợp)	Tocopherol concentrate, mixed	Antioxidant	182
104	307c	dl-alpha-Tocopherol	dl-alpha-Tocopherol	Antioxidant	182
105	310	Propyl galat	Gallate, Propyl	Antioxidant	183
106	314	Nhựa guaiac	Guaiac Resin	Antioxidant	184
107	315	Acid erythorbic (acid isoascorbic)	Erythorbic Acid (Isoascorbic Acid)	Antioxidant	185
108	316	Natri erythorbat	Sodium erythorbate	Antioxidant	185
109	319	Tert-Butylhydroquinon (TBHQ)	Tertiary Butylhydroquinone	Antioxidant	186
110	320	Butyl hydroxy anisol (BHA)	Butylated Hydroxyanisole	Antioxidant	187
111	321	Butyl hydroxy toluen (BHT)	Butylated Hydroxytoluene	Antioxidant	189
112	322(i)	Lecitin	Lecithin	Antioxidant, emulsifier	191
113	322	Nhóm lecithin	Lecithins	Antioxidant, emulsifier	191
114	325	Natri lactat	Sodium Lactate	Acidity regulator, antioxidant, fillers, moisturizing, thickener	171
115	326	Kali lactat	Potassium Lactate	Acidity regulator, antioxidant	171
116	327	Calci lactat	Calcium Lactate	Stabilizing agent, acidity regulator, flour treatment agent	171
117	328	Amoni lactat	Ammonium lactate	Acidity regulator, flour treatment agent	171

118	329	Magnesi lactat, DL-	Magnesium lactate, DL-	Acidity regulator, flour treatment agent	171
119	330	Acid citric	Citric Acid	Acidity regulator, antioxidant, metal complexes forming agent	192
120	331(i)	Natri dihydro citrat	Sodium Dihydrogen Citrate	Acidity regulator, emulsifier, metal complexes forming agent, thickener.	194
121	331(ii)	Dinatri monohydro citrat	Disodium monohydrogen citrate	Acidity regulator , emulsifier, metal complexes forming agent, thickener	195
122	331(iii)	Trinatri citrat	Trisodium Citrate	Acidity regulator , emulsifier, metal complexes forming agent, stabilizing agent	196
123	332(i)	Kali dihydro citrat	Potassium Dihydrogen Citrate	Stabilizing agent, acidity regulator, metal complexes forming agent.	197
124	332(ii)	Trikali citrat	Tripotassium Citrate	Acidity regulator, metal complexes forming agent, stabilizing agent	198
125	333	Các muối calci citrat	Calcium Citrates	Firming agent, acidity regulator	199
126	333(iii)	Tricalci citrat	Tricalcium Citrates	Acidity regulator, firming agent, metal complexes forming agent, stabilizing agent	200
127	334	Acid tartaric	Tartaric Acid (L (+)-)	Acidity regulator, antioxidant, flavor enhancing agent, metal complexes forming agent.	200
128	335(i)	Mononatri tartrat	Monosodium Tartrate	Acidity regulator, metal complexes forming agent, stabilizing agent.	200
129	335(ii)	Dinatri tartrat	Disodium Tartrate	Acidity regulator, metal complexes forming agent, stabilizing agent.	200
130	336(i)	Monokali tartrat	Monopotassium Tartrate	Acidity regulator, metal complexes forming agent, stabilizing agent.	200
131	336(ii)	Dikali tartrat	Dipotassium Tartrate	Acidity regulator, metal complexes forming agent, stabilizing agent.	200
132	337	Kali natri tartrat	Potassium sodium L(+)-Tartrate	Acidity regulator, metal complexes forming agent, stabilizing agent.	200
133	338	Acid orthophosphoric	Orthophosphoric Acid	Acidity regulator, emulsifier, moisturizing, metal complexes forming agent, stabilizing agent, thickener.	201

134	339(i)	Mononatri orthophosphat	Sodium dihydrogen phosphate	Acidity regulator, anticaking agent.	201
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135	339(ii)	Dinatri orthophosphat	Disodium hydrogen phosphate	Acidity regulator, anticaking agent, stabilizing agent,	201
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136	339(iii)	Trinatri orthophosphat	Trisodium Orthophosphate	Acidity regulator, anticaking agent	201
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137	340(i)	Monokali orthophosphat	Potassium dihydrogen phosphate	Stabilizing agent, acidity regulator, anticaking agent , emulsifier, firming agent, flour treatment agent, moisturizing, porous forming agent, metal complexes forming agent.	201
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138	340(ii)	Dikali orthophosphat	Dipotassium Orthophosphate	Stabilizing agent, acidity regulator, anticaking agent, firming agent, flour treatment agent, moisturizing, metal complexes forming agent.	201
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139	340(iii)	Trikali orthophosphat	Tripotassium Orthophosphate	Emulsifier, acidity regulator, anticaking agent, firming	201
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				agent, four treatment agent, moisturizing, metal complexes forming agent, stabilizing agent, thickener.	
140	341(i)	Monocalci orthophosphat	Monocalcium Orthophosphate	Acidity regulator, antioxidant, metal complexes forming agent, antioxidant, metal complexes forming agent.	201
141	341(ii)	Dicalci orthophosphat	Dicalcium Orthophosphate	Acidity regulator, emulsifier, moisturizing, porous forming agent, metal complexes forming agent.	201
142	341(iii)	Tricalci orthophosphat	Tricalcium Orthophosphate	Stabilizing agent, acidity regulator, emulsifier, moisturizing, porous forming agent, metal complexes forming agent, thickener.	201
143	342(i)	Amonium dihydrogen phosphat	Ammonium dihydrogen phosphate	Acidity regulator, emulsifier, moisturizing,	202

				metal complexes forming agent, thickener.	
144	342(ii)	Diamoni hydrophosphat	Diammonium hydrogen phosphate	Acidity regulator, emulsifier, moisturizing, metal complexes forming agent, stabilizing agent, thickener.	202
145	343(i)	Mono magnesi orthophosphat	Monomagnesium orthophosphate	Acidity regulator, flour treatment agent.	202
146	343(ii)	Magesi hydro phosphat	Magesium hydrogen phosphate	Acidity regulator, emulsifier, moisturizing, metal complexes forming agent, stabilizing agent, thickener.	202
147	343(iii)	Trimagnesi orthophosphat	Trimagnesium Orthophosphates	Acidity regulator, emulsifier, moisturizing, metal complexes forming agent, stabilizing agent, thickener.	202
148	345	Magnesi citrat	Magnesium citrate	Acidity regulator	209
149	350(i)	Natri hyro DL-malat	Sodium hyrogen DL-malate	Acidity regulator, moisturizing.	174
150	350(ii)	Natri DL-malat	Sodium DL-malate	Acidity regulator, moisturizing.	174

15 1	351(i)	Kali hydro malat	Potassium hydrogen malate	Acidity regulator	17 4
15 2	351(ii)	Kali malat	Potassium malate	Acidity regulator	17 4
15 3	352(ii)	Calci malat	Calcium DL- Malate	Acidity regulator	17 4
15 4	355	Acid adipic	Adipic acid	Acidity regulator	20 9
15 5	356	Natri adipat	Sodium adipate	Acidity regulator	20 9
15 6	357	Kali adipat	Potassium adipate	Acidity regulator	20 9
15 7	359	Amoni adipat	Ammonium adipate	Acidity regulator	20 9
15 8	365	Natri fumarat (các muối)	Sodium fumarates	Acidity regulator	20 9
15 9	380	Triamoni citrat	Triammonium citrate	Acidity regulator	20 9
16 0	381	Sắt amoni citrat	Ferric ammonium citrate	Anticaking agent	21 0
16 1	384	Isopropyl citrat	Isopropyl citrates	Metal complexes forming agent, acidity regulator, antioxidant, preservative.	21 0
16 2	385	Calci dinatri etylen-diamin-tetra-acetat	Calcium disodium ethylenediaminetetraacetate	Metal complexes forming agent, antioxidant, color retaining agent, preservative.	21 0
16 3	386	Dinatri ethylen-diamin-tetraacetat (EDTA)	Disodium ethylenediaminetetraacetate	Metal complexes forming agent, antioxidant, color retaining agent, preservative.	21 0
16 4	388	Acid thiodipropionic	Thiodipropionic acid	Antioxidant.	21 3

16 5	389	Dilauryl thiodipropionat	Dilauryl thiodipropionate	Antioxidant	21 3
16 6	400	Acid alginic	Alginic acid	Thickener, full filler, carrying agent, emulsifier, foaming agent, gelling agent, polishing agent, moisturizing, stabilizing agent, thickener.	21 3
16 7	401	Natri alginat	Sodium alginate	Full filler, anticaking agent, carrying agent, emulsifier, foaming agent, polishing agent, thickener	21 3
16 8	402	Kali alginat	Potassium Alginate	Thickener, full filler, carrying agent, emulsifier, foaming agent, gelling agent, polishing agent, moisturizing, metal complexes forming agent, stabilizing agent.	21 4
16 9	403	Amoni alginat	Ammonium alginate	Thickener, full filler, carrying agent, emulsifier, foaming	21 4

				agent, gelling agent, polishing agent, moisturizing, metal complexes forming agent	
170	404	Calci alginat	Calcium alginate	Thickener, antifoaming agent, full filler, carrying agent, foaming agent, gelling agent, polishing agent, moisturizing, metal complexes forming agent, stabilizing agent.	214
171	405	Propylen glycol alginat	Propylene glycol alginate	Thickener, stabilizing agent.	214
172	406	Thạch Aga	Agar	Thickener, full filler, carrying agent, emulsifier, gelling agent, polishing agent, moisturizing agent, stabilizing agent, thickener.	215
173	407	Carrageenan và muối Na, K, NH4 của nó (bao gồm furcellaran)	Carrageenan and its Na, K, NH4 salts (includes furcellaran)	Thickener, full filler, carrying agent, emulsifier, gelling agent, polishing agent,	216

				moisturizing agent, stabilizing agent, thickener.	
17 4	407a	Rong biển eucheuma đã qua chế biến	Processed eucheuma seaweed	Full filler, anticaking agent, carrying agent, emulsifier, foaming agent, polishing agent, stabilizing agent, thickener.	21 7
17 5	410	Gôm đậu carob	Carob bean Gum	Thickener, emulsifier, stabilizing agent.	21 8
17 6	412	Gôm gua	Guar Gum	Thickener, emulsifier, stabilizing agent.	21 9
17 7	413	Gôm tragacanth	Tragacanth Gum	Thickener, emulsifier, stabilizing agent.	22 0
17 8	414	Gôm arabic	Arabic Gum (Acacia Gum)	Thickener, full filler, emulsifier, polishing agent, stabilizing agent, thickener.	22 0
17 9	415	Gôm xanthan	Xanthan Gum	Thickener, full filler, emulsifier, gelling agent, stabilizing agent.	22 1
18 0	416	Gôm karaya	Karaya Gum	Thickener, emulsifier,	22 2

				stabilizing agent.	
18 1	417	Gôm tara	Tara Gum	Thickener, gelling agent, stabilizing agent.	22 2
18 2	418	Gôm tellan	Gellan Gum	Thickener, stabilizing agent.	22 2
18 3	420(i)	Sorbitol	Sorbitol	Foaming agent, full filler, moisturizing, metal complexes forming agent, stabilizing agent.	22 3
18 4	420(ii)	Siro sorbitol	Sorbitol Syrup	Sweetener, full filler, moisturizing, metal complexes forming agent, stabilizing agent.	22 3
18 5	421	Manitol	Mannitol	Anticaking agent, full filler, moisturizing, stabilizing agent, sweetener.	22 4
18 6	422	Glycerol	Glycerol	Thickener, moisturizing	22 4
18 7	424	Curdlan	Curdlan	Firming agent, gelling agent, stabilizing agent, thickener.	22 4
18 8	425	Bột Konjac	Konjac flour	Carrying agent, emulsifier, gelling agent, polishing agent,	22 4

				moisturizing, stabilizing agent, thickener.	
189	427	Gôm cassia	Cassia Gum	Emulsifier, gelling agent, stabilizing agent, thickener.	225
190	430	Polyoxyethylen (8) stearat	Polyoxyethylene (8) stearate	Emulsifier	225
191	431	Polyoxyethylen (40) stearat	Polyoxyethylene (40) stearate	Emulsifier	225
192	432	Polyoxyethylen (20) sorbitan monolaurat	Polyoxyethylene (20) sorbitan monolaurate	Emulsifier	225
193	433	Polyoxyetylen (20) Sorbitan monooleat	Polyoxyethylene (20) Sorbitan Monooleate	Anifoaming agent, emulsifier.	225
194	434	Polyoxyethylen (20) sorbitan monopalmitat	Polyoxyethylene (20) sorbitan monopalmitate	Emulsifier	225
195	435	Polyoxyethylen (20) sorbitan monostearat	Polyoxyethylene (20) sorbitan monostearate	Emulsifier	225
196	436	Polyoxyethylen (20) sorbitan tristearat	Polyoxyethylene (20) sorbitan tristearate	Emulsifier	225
197	440	Pectin	Pectins	Emulsifier, gelling agent, stabilizing agent, thickener	228
198	442	Các muối amoni của acid phosphatic	Ammonium salts of Phosphatic acid	Emulsifier	229
199	444	Sucrose acetat isobutyrat	Sucrose acetate isobutyrate	Emulsifier	230
200	445(iii)	Glycerol esters của nhựa cây	Glycerol esters of wood resin	Emulsifier, stabilizing agent.	230
201	450(i)	Dinatri diphosphat	Disodium diphosphate	Emulsifier, acidity regulator.	202
202	450(ii)	Trinatri diphosphat	Trisodium diphosphate	Acidity regulator, flour treatment agent.	202
20	450(iii)	Tetranatri diphosphat	Tetrasodium diphosphate	Metal	20

3				complexes forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	2
204	450(iv)	Dikali diphosphat	Dipotassium diphosphate	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	230
205	450(v)	Tetrakali diphosphat	Tetrapotassium diphosphate	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, thickener.	202
206	450(vi)	Dicalci diphosphat	Dicalcium diphosphate	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, thickener.	202
207	450(vii)	Calci dihydro diphosphat	Calcium dihydrogen diphosphate	Anticaking agent, emulsifier, stabilizing agent.	202
208	451(i)	Pentanatri triphosphat	Pentasodium triphosphate	Metal complexes	202

				forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	
20 9	451(ii)	Pentakali triphosphat	Pentapotassium triphosphate	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	20 2
21 0	452(i)	Natri polyphosphat	Sodium polyphosphate	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	20 2
21 1	452(ii)	Kali polyphosphat	Potassium polyphosphate	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	20 2

21 2	452(iii)	Natri calci polyphosphat	Sodium calcium polyphosphate	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	20 2
21 3	452(iv)	Calci polyphosphat	Calcium polyphosphates	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	20 2
21 4	452(v)	Amoni polyphosphat	Ammonium polyphosphates	Metal complexes forming agent, acidity regulator, emulsifier, moisturizing, foaming agent, stabilizing agent, thickener.	20 2
21 5	457	Cyclodextrin	Cyclodextrin	Thickener, stabilizing agent.	23 1
21 6	458	Gama-Cyclodextrin,	Cyclodextrin, gama-	Thickener, stabilizing agent	23 1
21 7	459	Beta-Cyclodextrin	Cyclodextrin, beta-	Carrier, stabilizing agent, thickener.	23 1

21 8	460	Cellulose	Cellulose	Stabilizing	23 2
21 9	460(i)	Cellulose vi tinh thể	Microcrystalline cellulose	Full filler, anticaking agent, carrier, emulsifier, foaming agent, polishing agent, stabilizing agent, thickener.	23 2
22 0	460(ii)	Bột cellulose	Powdered cellulose	Full filler, anticaking agent, carrier, emulsifier, foaming agent, polishing agent, stabilizing agent, thickener.	23 2
22 1	461	Methyl Cellulose	Methyl Cellulose	Thickener, full filler, polishing agent, moisturizing agent, stabilizing agent, thickener.	23 3
22 2	462	Ethyl xenlulose	Ethyl cellulose	Thickener, full filler, carrier, polishing agent, thickener.	23 3
22 3	463	Hydroxylpropyl xenlulose	Hydroxylpropyl cellulose	Thickener, full filler, emulsifier, foaming agent, polishing agent, stabilizing	23 3

				agent.	
22 4	464	Hydroxylpropyl methyl xenlulose	Hydroxylpropyl methyl cellulose	Emulsifier, polishing agent, stabilizing agent, thickener. dầy	23 4
22 5	465	Methyl ethyl xenlulose	Methyl Ethyl Cellulose	Thickener, emulsifier, gelling agent, stabilizing agent.	23 4
22 6	466	Natri cacboxymethyl cellulose	Sodium carboxymethyl cellulose	Thickener, full filler, emulsifier, polishing agent, stabilizing agent, moisturizing, firming agent, gelling agent.	23 4
22 7	467	Ethylhydroxyethyl cellulose	Ethylhydroxyethyl cellulose	Emulsifier, stabilizing agent, thickener.	23 5
22 8	468	Cross-linked natri caboxymethyl cellulose	Cross-linked sodium caboxymethyl cellulose	Stabilizing agent, thickener	23 5
22 9	469	Natri carbonxymethyl Cellulose, thủy phân bằng enzym	Sodium carboxymethyl cellulose, enzymatically hydrolysed	Stabilizing agent, thickener	23 6
23 0	470(i)	Muối của acid myristic, palmitic và stearic (NH ₄ , Ca, K, Na)	Salts of Myristic, Palmitic and Stearic acids (Ca, Na, K, NH ₄)	Anticaking agent, emulsifier, stabilizing agent.	23 6
23 1	470(ii)	Muối của acid oleic (Ca, Na, K)	Salts of Oleic acid (Ca, Na, K)	Anticaking agent, emulsifier, stabilizing agent	23 6
23 2	471	Mono và diglycerid của các acid béo	Mono- and Di-Glycerides of fatty acids	Emulsifier, antifoaming	23 7

				agent, stabilizing agent.	
23 3	472a	Acetic And Fatty Acid Esters Of Glycerol	Acetic And Fatty Acid Esters Of Glycerol	Emulsifier, metal complexes forming agent, stabilizing agent.	23 7
23 4	472b	Este của glycerol với acid lactic và các acid béo	Lactic and fatty acid esters of Glycerol	Emulsifier, metal complexes forming agent, stabilizing agent.	23 8
23 5	472c	Este của glycerol với acid citric và acid béo	Citric and fatty acid esters of glycerol	Emulsifier, antioxidant, flour treatment agent, metal complexes forming agent.	23 8
23 6	472d	Este của mono và diglycerid của acid béo với acid tartaric	Tartaric acid esters of mono- and diglycerides of fatty acid	Emulsifier, stabilizing agent, thickener.	23 9
23 7	472e	Este của glycerol với acid diacetyl tactaric và acid béo	Diacetyl tartaric and Fatty acid esters of glycerol	Emulsifier, metal complexes forming agent, stabilizing agent.	23 9
23 8	473	Este của sucrose với các axit béo	Sucrose Esters of fatty acids	Emulsifier	24 2
23 9	473a	Oligoeste typ 1 và typ 2 của sucrose	Sucrose oligoesters type I and type II	Emulsifier, stabilizing agent.	24 2
24 0	474	Sucroglyxerid	Sucroglycerides	Emulsifier	24 3
24 1	475	Este của polyglycerol với acid béo	Polyglycerol esters of fatty acids	Emulsifier	24 4
24 2	476	Este của acid ricioleic với polyglycerol	Polyglycerol esters of interesterified ricioleic acid	Emulsifier	24 5
24 3	477	Este của acid béo với propylen glycol	Propylene glycol esters of fatty acids	Emulsifier	24 5

24 4	479	Dầu đậu nành oxy hóa nhiệt tương tác với (mono-) diglycerid của các acid béo	Thermally oxydized soya bean oil interacted with mono- and diglycerides of fatty acids	Emulsifier	24 7
24 5	481(i)	Natri stearyl lactylat	Sodium stearyl lactylate	Emulsifier, flour treatment agent, foaming agent, stabilizing agent.	24 7
24 6	482(i)	Calci stearyl lactylat	Calcium stearyl lactylate	Emulsifier, flour treatment agent, foaming agent, stabilizing agent.	24 7
24 7	484	Stearyl citrat	Stearyl citrate	Emulsifier, antioxidant, metal complexes forming agent.	24 7
24 8	491	Sorbitan monostearat	Sorbitan monostearate	Emulsifier	24 8
24 9	492	Sorbitan tristearat	Sorbitan tristearate	Emulsifier	24 8
25 0	493	Sorbitan monolaurat	Sorbitan monolaurate	Emulsifier	24 9
25 1	494	Sorbitan monooleat	Sorbitan monooleate	Emulsifier	24 9
25 2	495	Sorbitan monopalmitat	Sorbitan monopalmitate	Emulsifier	24 9
25 3	500(i)	Natri carbonat	Sodium carbonate	Porous forming agent, acidity regulator, anticaking agent.	25 0
25 4	500(ii)	Natri hydro carbonat	Sodium hydrogen carbonate	Stabilizing agent, porous forming agent, acidity regulator,	25 1

				anticaking agent	
255	500(iii)	Natri sesquicarbonat	Sodium sesquicarbonate	Acidity regulator, anticaking agent, porous forming agent.	252
256	501(i)	Kali carbonat	Potassium carbonate	Stabilizing agent, antioxidant.	252
257	501(ii)	Kali hyrogen carbonat	Potassium hyrogen carbonate	Acidity regulator, porous forming agent, stabilizing agent.	253
258	503(i)	Amoni carbonat	Ammonium carbonate	Porous forming agent, acidity regulator,	254
259	503(ii)	Amoni hydro carbonat	Ammonium hydrogen carbonate	Stabilizing agent, acidity regulator, porous forming agent.	254
260	504(i)	Magnesi carbonat	Magnesium Carbonate	Acidity regulator, anticaking agent, stabilizing agent.	255
261	504(ii)	Magnesi hydroxy carbonat	Magnesium Hydroxyde Carbonate	Acidity regulator, anticaking agent, carrier, color stablizer	256
262	507	Acid hydrochloric	HydroChloric acid	Acidity regulator	256
263	508	Kali clorid	Potassium Chloride	Stabilizing agent, flavor regulator, gelling agent, thickener.	256

26 4	509	Calci clorid	Calcium Chloride	Firming agent, stabilizing, thickener.	25 7
26 5	510	Amoni clorid	Ammonium Chloride	Flour treatment agent.	25 8
26 6	511	Magnesi clorid	Magnesium Chloride	Color stabilizer, firming agent, stabilizing agent	25 8
26 7	512	Thiếc clorid	Stannous chloride	Antioxidant, color stabilizer	25 8
26 8	514(i)	Natri sulfat	Sodium sulfate	Acidity regulator	25 9
26 9	514(ii)	Natri hydro sulfat	Sodium hydrogen sulfate	Acidity regulator	25 9
27 0	515(i)	Kali sulfat	Potassium Sulfate	Acidity regulator	25 9
27 1	516	Calci sulfat	Calcium Sulphate	Firming agent, flour treatment agent, metal complexes forming agent, stabilizing agent,	25 9
27 2	518	Magnesi sulfat	Magnesium sulfate	Firming agent, flavor regulator	26 0
27 3	522	Nhôm kali sulphat	Aluminium Potassium Sulphate	Acidity regulator	26 0
27 4	523	Nhôm amoni sulphat	Aluminium Ammonium Sulphate	Firming agent, acidity regulator, color stabilizer, emulsifier, moisturizing agent, porous forming agent, metal complexes forming agent,	26 0

				stabilizing agent, thickener.	
27 5	524	Natri hydroxyd	Sodium Hydroxyde	Acidity regulator	26 0
27 6	525	Kali hydroxyd	Potassium Hydroxyde	Acidity regulator	26 1
27 7	526	Calci hydroxyd	Calcium Hydroxyde	Acidity regulator, firming agent.	26 2
27 8	527	Nhôm hydroxyd	Aluminium hydroxyde	Acidity regulator	26 2
27 9	528	Magnesi hydroxyd	Magnesium hydroxyde	Acidity regulator, color stabilizer	26 3
28 0	529	Oxyd calci	Calcium oxyde	Acidity regulator, flour treatment agent.	26 3
28 1	530	Oxyd Magnesi	Magnesium oxyde	Anticaking agent	26 3
28 2	535	Natri ferrocyanid	Sodium Ferrocyanide	Anticaking agent	26 4
28 3	536	Kali ferrocyanid	Potassium Ferrocyanide	Anticaking agent	26 4
28 4	538	Calci ferroxyanid	Calcium Ferrocyanide	Anticaking agent	26 4
28 5	539	Natri thiosulphat	Sodium Thiosulphate	Preservative, anticaking agent, metal complexes forming agent	16 1
28 6	541	Natri nhôm phosphat	Sodium Aluminium Phosphate-acidic	Acidity agent	26 4
28 7	542	Bone phosphat	Bone phosphate	Metal complexes forming agent, emulsifier, moisturizing, porous forming agent, metal	20 2

				complexes forming agent, stabilizing agent, thickener.	
28 8	551	Dioxyd silic vô định hình	Silicon Dioxide, Amorphous	Anticaking agent, antifoaming agent, carrier.	26 4
28 9	552	Calci silicat	Calcium Silicate	Anticaking agent, stabilizing agent.	26 5
29 0	553(i)	Magnesi silicat	Magnesium Silicate	Anticaking agent	26 6
29 1	553(ii)	Magnesi trisilicat	Magnesium Trisilicate	Anticaking agent	26 6
29 2	553(iii)	Bột talc	Talc	Anticaking agent, polishing agent, thickener	26 7
29 3	554	Natri nhôm silicat	Sodium Aluminosilicate	Anticaking agent	26 7
29 4	555	Kali nhôm silicat	Potassium aluminium silicate	Anticaking agent	26 8
29 5	556	Calci nhôm silicat	Calcium Aluminium Silicate	Anticaking agent	26 8
29 6	559	Nhôm silicat	Aluminium Silicate	Anticaking agent	26 9
29 7	560	Kali silicat	Potassium silicate	Anticaking agent	26 9
29 8	570	Các acid béo	Fatty acids	Anticaking agent	27 0
29 9	574	Acid gluconic	Gluconic acid	Acidity regulator	27 0
30 0	575	Glucono delta-Lacton	Glucono Delta-Lactone	Acidity regulator, porous forming agent, stabilizing agent.	27 0
30 1	576	Natri gluconat	Sodium Gluconate	Metal complexes forming agent,	27 1

				thickener, stabilizing agent.	
30 2	577	Kali gluconat	Potassium Gluconate	Metal complexes forming agent, acidity regulator, stabilizing agent.	27 1
30 3	578	Calci gluconat	Calcium Gluconate	Acidity regulator, firming agent, metal complexes forming agent	27 1
30 4	579	Săț (II) gluconat	Ferrous gluconate	Color stabilizer	27 2
30 5	580	Magnesi gluconat	Magnesium gluconate	Acidity regulator, firming agent, stabilizing agent.	27 2
30 6	585	Săț (II) lactat	Ferrous lactate	Color stabilizer	27 2
30 7	620	Acid glutamic (L(+)-)	Glutamic Acid (L(+)-)	Flavor regulator	27 3
30 8	621	Mononatri glutamat	Monosodium L-Glutamate	Flavor regulator	27 3
30 9	622	Monokali glutamat	Monopotassium L- Glutamate	Flavor regulator	27 4
31 0	623	Calci glutamat	Calcium di-L-Glutamate	Flavor regulator	27 4
31 1	624	Monoamoni glutamat	Monoammonium Glutamate	Flavor regulator	27 4
31 2	625	Magnesi di-L glutamat	Magnesium di-L glutamate	Flavor regulator	27 4
31 3	626	Acid guanylic	Guanylic Acid, 5'-	Flavor regulator	27 5
31 4	627	Dinatri 5'-guanylat	Disodium 5'-guanylate	Flavor regulator	27 5
31 5	628	Dikali 5'-guanylat	Dipotassium 5'-guanylate	Flavor regulator	27 6
31 6	629	Calci 5'guanylat	Calcium 5'guanylate	Flavor regulator	27 6

31 7	630	Acid inosinic	Inosinic Acid,5'-	Flavor regulator	27 6
31 8	631	Dinatri 5'-inosinat	Disodium 5'-inosinate	Flavor regulator	27 6
31 9	632	Kali 5'-inosinat	Potassium 5'-inosinate	Flavor regulator	27 7
32 0	633	Calci 5'-inosinat	Calcium 5'-inosinate	Flavor regulator	27 7
32 1	634	Calci 5'-ribonucleotid	Calcium 5'-ribonucleotides	Flavor regulator	27 7
32 2	635	Dinatri 5'-ribonucleotid	Disodium 5'- ribonucleotides	Flavor regulator	27 8
32 3	636	Maltol	Maltol	Flavor regulator	27 8
32 4	637	Ethyl maltol	Ethyl maltol	Flavor regulator	27 8
32 5	900a	Polydimethyl siloxan	Polydimethylsiloxane	Anticaking agent, foaming agent, emulsifier	27 8
32 6	901	Sáp ong	Beeswax	Polishing agent, carrier, emulsifier, stabilizing agent, thickener.	28 0
32 7	902	Sáp candelila	Candelilla Wax	Polishing agent, carrier, emulsifier, glazing agent, thickener	28 1
32 8	903	Sáp carnauba	Carnauba Wax	Full filler, acidity regulator, anticaking agent, carrier, polishing agent	28 2
32 9	904	Shellac	Shellac	Polishing agent	28 3
33 0	905a	Dầu khoáng (dùng cho thực phẩm)	Mineral Oil, Food Grade	Polishing agent	28 3
33 1	905c(i)	Sáp vi tinh thể	Microcrystalline Wax	Polishing agent,	28 4

				foaming agent	
33 2	905d	Dầu khoáng, độ nhớt cao	Mineral Oil, high viscosity	Polishing agent, anticaking agent.	28 4
33 3	905e	Dầu khoáng, độ nhớt trung bình và thấp, nhóm 1	mineral oil, medium and low viscosity, class 1	Polishing agent	28 5
33 4	925	Khí clor	Chlorine	Flour treatment agent.	28 5
33 5	926	Khí clor dioxyd	Chlorine dioxyde	Flour treatment agent.	28 5
33 6	927a	Azodicacbonamid	Azodicarbonamide	Flour treatment agent.	28 5
33 7	928	Benzoyl peroxyd	Benzoyl peroxyde	Color detergent, flour treatment agent, preservative.	28 6
33 8	941	Khí nitơ	Nitrogen	Gas pushing agent, gas containers, gas pushing agent.	28 6
33 9	942	Khí nitơ oxyd	Nitrous oxyde	Gas pushing agent, antioxidant, foaming agent, gas container, gas pushing agent.	28 6
34 0	944	Khí propan	Propane	Gas pushing agent	28 7
34 1	950	Acesulfam kali	Acesulfame Potassium	Sweetener, taste regulator.	28 7
34 2	951	Aspartam	Aspartame	Sweetener, taste regulator	29 0
34	952(i)	Acid cyclamic	Cyclamic acid	Sweetener	29

3					4
34 4	952(ii)	Calci cyclamat	Calcium cyclamate	Sweetener	29 4
34 5	952(iv)	Natri cyclamat	Sodium cyclamate	Sweetener	29 4
34 6	953	Isomalt	Isomalt	Sweetener, anticaking agent, full filler, polishing agent.	29 6
34 7	954(i)	Saccharin	Saccharin	Sweetener	29 6
34 8	954(ii)	Calci saccharin	Calcium saccharin	Sweetener	29 6
34 9	954(iii)	Kali saccharin	Potassium saccharin	Sweetener	29 6
35 0	954(iv)	Natri saccharin	Sodium saccharin	Sweetener	29 6
35 1	955	Sucralose	Sucralose	Sweetener	29 9
35 2	956	Alitam	Alitame	Sweetener	30 3
35 3	957	Thaumatın	Thaumatın	Taste regulator, sweetener	30 4
35 4	960	Steviol glycosid	Steviol glycosides	Sweetener	30 4
35 5	961	Neotam	Neotame	Sweetener, taste regulator.	30 7
35 6	962	Muối aspartam- acesulfame	Aspartame-acesulfame salt	Sweetener	31 0
35 7	964	Siro polyglycitol	Polyglycitol syrup	Sweetener	31 1
35 8	965(i)	Maltitol	Maltitol	Full filler, emulsifier, moisturizing, stabilizing agent, sweetener.	31 2
35 9	965(ii)	Siro maltitol	Maltitol syrup	Full filler, emulsifier, moisturizing, stabilizing	31 2

				agent, sweetener.	
36 0	966	Lactitol	Lactitol	Emulsifier, sweetener, thickener.	31 2
36 1	967	Xylitol	Xylitol	Emulsifier, moisturizing, stabilizing agent, thickener.	31 2
36 2	968	Erythritol	Erythritol	Taste regulator, moisturizing, sweetener.	31 3
36 3	999(i)	Chất chiết xuất từ quillaia nhóm I	Quillaia extract type I	Foaming agent, emulsifier.	31 3
36 4	999(ii)	Chất chiết xuất từ quillaia nhóm II	Quillaia extract type II	Sweetener, emulsifier.	31 3
36 5	1001	Muối và este của cholin	Choline salts and estes	Emulsifier	31 3
36 6	1100	Alpha amylase từ - <i>Aspergillus orysee</i> <i>var.</i> - <i>Bacillus licheniformis</i> - <i>Bacillus megaterium</i> <i>expressed in Bacillus</i> <i>subtilis</i> - <i>Bacillus</i> <i>stearothermophilus</i> - <i>Bacillus Bacillus</i> <i>stearothermophilus</i> <i>expressed in Bacillus</i> <i>subtilis</i> - <i>Bacillus subtilis</i>	Alpha amylases from - <i>Aspergillus orysee var.</i> - <i>Bacillus licheniformis</i> - <i>Bacillus megaterium</i> <i>expressed in Bacillus</i> <i>subtilis</i> - <i>Bacillus</i> <i>stearothermophilus</i> - <i>Bacillus Bacillus</i> <i>stearothermophilus</i> <i>expressed in Bacillus</i> <i>subtilis</i> - <i>Bacillus subtilis</i>	Enzym, flour treatment agent.	31 4
36 7	1101(i)	Protease	Protease (<i>A. orysee var.</i>)	Enzym, taste regulator, taste regulator, flour treatment agent, stabilizing agent, polishing agent.	31 4
36 8	1101(ii)	Papain	Papain	Enzym, taste regulator.	31 4

369	1101(iii)	Bromelain	Bromelain	Enzym, taste regulator, flour treatment agent, stabilizing agent.	314
370	1102	Glucose oxydase	Glucose oxydase	Enzym, antioxidant.	315
371	1104	Lipase	Lipases	Stabilizing agent.	315
372	1105	Lysozym	Lysozyme	Preservative	315
373	1200	Polydextrose	Polydextroses	Full filler, polishing agent, moisturizing, stabilizing agent, thickener.	315
374	1201	Polyvinylpyrolidon	Polyvinylpyrrolidone	Stabilizing agent, emulsifier, polishing agent, thickener.	316
375	1202	Polyvinylpyrolidon, không tan	Polyvinylpyrolidon, insoluble	Color retaining agent, stabilizing agent.	316
376	1203	Polyvinyl alcohol	Polyvinyl alcohol	Polishing agent, thickener.	316
377	1204	Pullulan	Pullulan	Polishing agent, thickener.	316
378	1400	Dextrin, tinh bột rang trắng, vàng	Dextrins, Roasted Starch	Flour treatment agent, emulsifier, stabilizing agent, thickener.	317
379	1401	Tinh bột đã được xử lý bằng acid	Acid-Treated Starch	Flour treatment	317

				agent, emulsifier, stabilizing agent, thickener.	
38 0	1402	Tinh bột đã được xử lý bằng kiềm	Alkaline Treated Starch	Flour treatment agent, emulsifier, stabilizing agent, thickener.	31 8
38 1	1403	Tinh bột đã khử màu	Bleached Starch	Flour treatment agent, emulsifier, stabilizing agent, thickener.	31 8
38 2	1404	Tinh bột xử lý oxy hóa	oxydized Starch	Flour treatment agent, emulsifier, stabilizing agent, thickener.	31 8
38 3	1405	Tinh bột, xử lý bằng enzim	Enzyme-Treated Starches	Flour treatment agent, emulsifier, stabilizing agent, thickener.	31 9
38 4	1410	Monostarch phosphat	Monostarch Phosphate	Flour treatment agent, emulsifier, stabilizing agent, thickener.	31 9
38 5	1411	Distarch Glycerol	Distarch Glycerol	Flour treatment agent.	32 0
38 6	1412	Distarch Phosphat	Distarch Phosphate	Flour treatment agent,	32 0

				emulsifier, stabilizing agent, thickener.	
38 7	1413	Phosphated Distarch Phosphat	Phosphated Distarch Phosphate	Flour treatment agent, emulsifier, stabilizing agent, thickener.	32 1
38 8	1414	Acetylated Distarch Phosphat	Acetylated Distarch Phosphate	Flour treatment agent, emulsifier, stabilizing agent, thickener.	32 2
38 9	1420	Starch acetate, Este hóa với Acetic anhydrid	Starch acetate, Esterified with Acetic anhydride	Flour treatment agent, emulsifier, stabilizing agent, thickener.	32 3
39 0	1421	Starch acetate, este hóa với Vinyl Axetat	Starch acetate, Esterified with Vinyl Axetate	Flour treatment agent	32 4
39 1	1422	Acetylated Distarch Adipat	Acetylated Distarch Adipat	Flour treatment agent, emulsifier, stabilizing agent, thickener.	32 4
39 2	1440	Hydroxypropyl Starch	Hydroxypropyl Starch	Flour treatment agent, emulsifier, stabilizing agent, thickener.	32 5
39 3	1442	Hydroxypropyl Distarch Phosphat	Hydroxypropyl Distarch Phosphate	Flour treatment agent, emulsifier,	32 5

				stabilizing agent, thickener.	
39 4	1450	Starch Natri Octenyl Succinat	Starch Sodium Octenyl Succinate	Flour treatment agent, emulsifier, stabilizing agent, thickener.	32 6
39 5	1451	Acetylated oxydized starch	Acetylated oxydized starch	Emulsifier, stabilizing agent, thickener.	32 6
39 6	1503	Dầu Castor	Castor oil	Anticaking agent, carrier, emulsifier, polishing agent.	32 7
39 7	1505	Triethyl citrat	Triethyl citrate	Carrier, emulsifier, metal complexes forming agent.	32 7
39 8	1518	Triacetin	Triacetin	Carrier, emulsifier, moisturizing.	32 7
39 9	1520	Propylen glycol	Propylene Glycol	Moisturizing.	32 7
40 0	1521	Polyetylen glycol	Polyethylene Glycol	Antifoaming agent, carrier, emulsifier, polishing agent, thickener.	32 8