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Standards for Uses of Food Additives - Part II

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Report Highlights:

Second part of standard GB2760-2011.

General Information:

Table A2 List of food additives used in defined amount in all kinds of food according to production demands

S.N	CNS No.	English name	INS No.	Function
1	12.004	Disodium 5'-ribonucleotide	635	Flavor enhancer
2	12.003	Disodium 5'-inosinate	631	Flavor enhancer
3	12.002	Disodium 5'-guanylate	627	Flavor enhancer
4	04.004,04.018	d-isoascorbic acid (erythorbic acid) , sodium d-isoascorbate	315,316	Antioxidant
5	01.111	L(+)-tartaric acid	334	Acidity regulator
6	19.019	Neotame	961	Sweetener
7	08.010	β-carotene	160a	Coloring
8	20.024	β-cyclodextrin	459	Thickene
9	20.008	arabic gum	414	Thickene
10	00.014	galactomannan	-	Other
11	01.112		-	Acidity regulator
12	19.018	erythritol	-	Sweetener
13	20.039	starch acetate	1420	Thickene
14	10.006	mono- and diglycerides of fatty acids	471	Emulsifier
15	0.019	modified soybean phospholipid	-	Emulsifier
16	08.143	orange yellow	-	Coloring
17	15.014	glycerine	422	Water retention agent (humectant), Emulsifier
18	08.115	sorghum red	-	Coloring
19	12.001	monosodium glutamate	621	Flavor enhancer
20	20.025	guar gum	412	Thickene
21	20.006	pectins	440	Thickene
22	20.005	potassium alginate	402	Thickene

S.N	CNS No.	English name	INS No.	Function
23	20.004	sodium alginate	401	Thickene
24	20.023	Carob bean gum	410	Thickene
25	20.009	xanthan gum	415	Thickene
26	20.043	mehyl cellulose	461	Thickene
27	20.027	gellan gum	418	Thickene

28	01.103	tartaric acid	334	Acidity regulator
29	20.036	sodium polyacrylate	-	Thickene
30	20.007	carrageenan	407	Thickene
31	04.014	ascorbic acid	300	Antioxidant
32		sodium ascorbate	301	Antioxidant
33	04.009	calcium ascorbate	302	Antioxidant
34	10.002	sodium caseinate	-	Emulsifier
35	20.034	distarch phosphate	1412	Thickene
36	04.010	phospholipid	322	Antioxidant, Emulsifier
37	00.008	potassium chloride	508	Other
38	19.015	lo-han-kuo extract	-	Sweetener
39	10.040	enzymatically decomposed soybean phospholipid	-	Emulsifier
40	20.002	gelatin	-	Thickene
41	19.007	xylitol	967	Sweetener
42	01.101	Citric acid	330	Acidity regulator
43	01.304	tripotassium citrate	332ii	Acidity regulator
44	01.303	trisodium citrate	331iii	Acidity regulator, Stabilizer
45	01.306	sodium dihydrogen citrate	331i	Acidity regulator
46	10.032	citric and fatty acid esters of glycerol	472c	Emulsifier
47	01.104	malic acid	296	Acidity regulator
48	18.007	glucono delta-lactone	575	*Stabilizer and* Coagulator
49	20.014	hydroxypropyl starc	1440	Thickene, Bulking agent, Emulsifier,Stabilizer
50	20.016	hydroxypropyl distarch phosphate	1442	Thickene
51	20.028	hydroxypropyl methyl	464	Thickene
52	20.001	agar	406	Thickene
53	01.102	lactic acid	270	Acidity regulator
54	15.011	potassium lactate	326	Water retention agent (humectant)
55	15.012	sodium lactate	325	Water retention agent (humectant), Acidity regulator,Antioxidant, Bulking agent, Thickene, Stabilizer
56	10.031	lactic and fatty acid esters of glycerol	472b	Emulsifier
57	19.014	lactitol	966	Sweetener
58	10.010	diacetyl tartaric acid ester of mono(di)glycerides	472e	Emulsifier
59	20.032	acid treated starch	1401	Thickene

60	20.003	sodium carboxy methyl cellulose	466	Thickene
61	13.006	calcium carbonate(light and heavy)	170i	Bulking agent, flour
62	01.301	potassium carbonate	501i	Acidity regulator
63	01.302	sodium carbonate	500i	Acidity regulator
64	06.002	ammonium hydrogen carbonate	503ii	Bulking agent
65	01.307	potassium hydrogen carbonate	501ii	Acidity regulator
66	06.001	sodium hydrogen carbonate	500ii	Bulking agent, Acidity regulator, Stabilizer
67	19.004	aspartame	951	Sweetener
68	08.147		-	Coloring
69	08.101	beet red	162	Coloring
70	02.005	microcrystallin cellulose	460 i	Anti-caking agent, *Thickene*, Stabilizer
71	10.030	sodium starch octenyl succinate	1450	Emulsifier
72	20.030	oxidized starch	1404	Thickene
73	20.033	Oxidized hydroxypropyl starch	-	Thickene
74	01.107	acetic acid	260	Acidity regulator
75	10.027	acetylated mono- and diglyceride (acetic and fatty acid esters of glycerol)	472a	Emulsifier
76	20.015	acetylated distarch phosphate	1414	Thickene
77	20.031	acetylated distarch adipate	1422	Thickene
a. Bacterial strain of production are Moniliella pollinis, Trichosporonides megachiliensis and Candida lipolytica b. The products have aspartame added need to label: “spartame (include phenylalanine)”				

Table A.3 The list of the exceptional food classifications of food additives used in defined amount in all kinds of food according to production demands

Food classification No.	Food name
01.01.01	Pasteurized milk
01.01.02	Autoclaved milk
01.02.01	Fermented milk
01.03.01	Milk powder and cream powder
01.05.01	Pouring cream
02.01	Fats and oil almost water free
02.02.01.01	Butter and concentrated butter
04.01.01	Fresh fruits
04.02.01	Fresh vegetables
04.02.02.01	Frozen vegetables
04.02.02.06	Fermented vegetable products
04.03.01	Fresh edible fungus and algae
04.03.02.01	Frozen edible fungus and algae
06.01	Raw grain
06.02	Rice and rice products
06.03.01	Wheat flour
06.03.02.01	Raw and wet flour products (noodle, dumpling wrapper, wanton skin, Shaomai wrapper)
06.03.02.02	Raw and dried noodle products (dried noodle)
08.01	Raw and fresh meat
09.01	Fresh aquatic products
09.03	Pre-prepared aquatic products（semi-finished products）
10.01	Fresh egg
10.03.01	Dehydrated egg products(protein powder, egg yolk powder, protein chip)
10.03.03	Frozen egg products(frozen egg)
11.01	Table sugar
11.01.02	Other sugar and syrup(brown sugar, granulated sugar ,rock sugar, raw sugar, molasses, partially inverted sugar, maple syrup and so on)
11.03.01	Honey
12.01	Salt and salt substitutes products
12.09	Spices class
13.01	Infant formulae food
13.02	Supplementary foods for infants and young children
13.03	Formulate food for special medical purposes (except the varieties involved in 13.01)
14.01.01	Natural drinking mineral water
14.01.02	Pure drinking water
14.01.03	Other drinking water
14.02.01	fruit and vegetable juices (syrup)
14.02.02	Concentrated fruit and vegetable juices
15.03.01	Wine
16.02	Tea leaf, coffee

Annex B
Usage regulations on Food flavoring

B.1. Usage principles for food flavoring

B.1.1 The purpose to use food flavoring in food is to produce or change or increase the flavors of the food. The food flavoring is generally used to make the food flavored when it is prepared into food flavoring and some of it can be directly used for flavoring food. Food flavoring shall not include the substances that produce sweet taste, sourness or saltiness, nor is Flavor enhancer included.

B.1.2 Food flavoring shall be used in defined amount in all kinds of food according to production demands; the food listed in Table B.1 is no need flavoring and no food flavoring is allowed to be added to, except where otherwise expressly provided in laws and regulations as well as national standards for food safety. Except the food listed in Table B.1, whether other foods may be flavored or not shall subject to relevant standards for food products.

B.1.3 The variety of flavoring substances used to prepare into food flavoring shall comply with the provisions in this Standard. The substances or natural flavoring compounds with flavor characters, extracted from food (maybe in the rough or processed by the preparation process for food in line with human consumption tradition) by physical preparation, enzyme preparation or microorganism preparation (where enzyme preparation shall comply with the provisions in this Standard) can be used for preparation of food flavoring.

Note: natural flavoring compounds are the series of preparations containing flavoring substances.

B.1.4 The food flavoring with the function of other food additives, when playing the role of other food additives in food, shall comply with the provisions in this Standard, such as benzoic acid, cinnamaldehyde, guarana extract, sodium diacetate, disodium succinate, tricalcium phosphate and amino acid etc.

B.1.5 Food flavoring can contain flavoring adjuncts (including food additives and food) necessary for production, storage and application. The flavoring adjuncts shall comply with the following requirements:

a) The flavoring adjuncts permitted to be used in food flavoring shall comply with the provisions in QB/T 1505 Food Flavoring and shall reduce the varieties to be used as far as possible under the precondition of reaching the desired effect.

b) The food addictives as the adjuncts added into the food flavoring shall not play any role in final food, and shall reduce the quantity to be used in food as far as possible under the precondition of reaching the desired effect.

B.1.6 The labeling of food flavoring shall comply with the provisions as specified in QB/T 4003 General Requirements on Labeling of Food Flavoring.

B.1.7 Any food added into food flavoring shall be identified according to relevant State standards.

B.2 Food flavoring includes natural flavoring and compounded flavoring.

B.3 List of allowable equivalent natural flavorings: see Table B.2.

B.4 List of allowable artificial food flavorings: see Table B.3.

Table B.1 List of the food that no food flavoring or flavoring substance is allowed to be added into

Food classification No.	Food name
01.01.01	Pasteurized milk
01.01.02	Sterilized milk
01.02.01	Fermented milk
01.05.01	Pouring Cream
02.01.01	Vegetable oil
02.01.02	Animal fats (lard，butter，fish oil and other animal fat)
02.01.03	Anhydrous butter and anhydrous milk fat
04.01.01	Fresh fruits
04.02.01	Fresh vegetables
04.02.02.01	Frozen vegetables
04.03.01	Fresh edible fungus and algae
04.03.02.01	Frozen edible fungus and algae
06.01	Raw grains
06.02.01	Rice
06.03.01	Wheat flour
06.04.01	Cereal flour
06.05.01	Food starch
08.01	Raw and fresh Meat
09.01	Fresh aquatic products
10.01	Fresh egg
11.01	Sugar
11.03.01	Honey
12.01	Salt and salt substitutes products
13.01	a. Infant formulate food
14.01.01	Natural drinking mineral water
14.01.02	Pure drinking water
14.01.03	Other drinking water
a Vanillin, ethyl vanillin and vanilla bean concrete can be used in the formulate food for older infants and young children with the max dosage of 5mg/100 mL, 5mg/100 mL or in defined amount according to production demands separately, where 100mL is calculated by ready-to-eat food, based on which the manufacturer can convert it into the dosage for formulate food according to preparation ratio; Vanillin can be used in the cereal-based complementary foods for infants and young children with the max dosage of 7mg/100mL, where 100mL is calculated by ready-to-eat food, based on which the manufacturer can convert it into the dosage for cereal-based foods according to preparation ratio; no food flavoring shall be added into any infant formulate food for use of the infants aged from 0 to six months.	

Table B.2 List of allowable natural flavorings

Serial No.	Code	Name of flavoring	FEMA No.
1	N001	Clove leaf oil (*Eugenia* spp.)	2325
2	N002	Clove bud tincture (extract) (*Eugenia* spp.)	2322
3	N003	Clove bud oil (*Eugenia* spp.)	2323
4	N004	Basil oil (*Ocimum basilicum* L.)	2119
5	N005	Anise star oil (Illicum verum Hook,F.)	2096
6	N006	Common Jasmin orange concrete (*Murraya paniculata*)	-
7	N007	Patchouli oil (*Pogostemon cablin*)	2838
8	N008	Tagetes oil (*Tagetes* spp.)	3040
9	N009	*trans*-Anethole Anise camphor	2086
10	N010	Cardamom oil (Cardamom seed oil)	2241
11.	N011	Cardamom tincture (*Elletaria cardamomum*)	2240
12	N012	Fennel,tincture (*Foeniculum vulgare* Mill.)	-
13	N013	*Litsea cubeba* berry oil	3846
14	N014	*Hawthorn* fruit tincture (Crataegus spp.)	-
15	N015	Garlic oil (*Allium sativum* L.)	2503
16	N016	Garlic oleoresin (*Allium sativum* L.)garlic and its derivatives	-
17	N017	Cognac oil, green	2331
18	N018	*l*-Menthol, natural	2665
19	N019	Costus root oil (*Saussures lappa* Clanke)	2336
20	N020	Bay, sweet, oil (*Laurus nobilis* L.)	2125
21	N021	Wumei tincture (*Prunus mume*)	-
22	N022	Buchu leaves oil (*Barosma* spp.)	2169
23	N023	Cocoa tincture (Theobroma cacao Linn.)	-
24	N024	Cocoa husk tincture (Theobroma cacao Linn.)	-
25	N025	China nardostachys oil (Nardostachys chinensis	-
26	N026	Licorice tincture (Glycyrrhiza spp.)	-
27	N027	Licorice extract (Glycyrrhiza spp.)	2628
28	N028	Wintergreen oil (Gaultheria procumbens L.)	3113
29	N029	Michelia alba flower oil	3950
30	N030	Michelia alba leaf oil	3950
31	N031	Michelia alba flower absolute	3950
32	N032	Michelia alba flower concrete	3950
33	N033	Angelica dahurica tincture	-
34	N034	Lime oil [Citrus aurantifolia (Christman) Swingle]	2631

35	N035	Lime oil terpene	-
36	N036	Ginger oleoresin (Zingiber officinale Rosc.)	2523
37	N037	Nutmeg oil (Myristica fragrans Houtt.)	2793
38	N038	Nutmeg tincture (Myristica fragrans Houtt.)	-
39	N039	Cassia oil (Cinnamomum cassia Blume)	2258
40	N040	Cassia bark tincture (extract) (Cinnamomum cassia	2257
41	N041	Black tea tincture (Camellia sinensis)	-
42	N042	Davana oil (Artemisia pallens wall.)	2359
43	N043	Tolu balsam tincture (extract) (Myroxylon spp.)	3069
44	N044	Tolu balsam gum (Myroxylon spp.)	3070
45	N045	Soya bean fermented tincture	-
46	N046	Juniper berry oil (Juniperus communis L.)	2604
47	N047	Coriander oil (Coriandrum sativum L.)	2334
48	N048	Celery flower oil (Apium graveolens L.)	-
49	N049	Celery seed oil (Apium graveolens L.)	2271
50	N050	Vitex cannabifolia leaf oil	-
51	N051	Grapefruit oil, expressed (Citrus	2530
52	N052	Atractylodes oil(Atractylodes lancea)	-
53	N053	Chinese date (common Jujube) tincture	-
54	N054	Rose oil (Rosa spp.)	2989
55	N055	Rose absolute (Rosa spp.)	2988
56	N056	Rose concrete (Rosa spp.)	-
57	N057	Orris concrete (Iris florentina L.)	2829
58	N058	Orris root extract (Iris florentina L.)	2830
59	N059	Chrysanthemum Hang Zhou flower oil	-
60	N060	Chrysanthemum Hang Zhou flower extract	-
61	N061	Maple oil (Acer spp.)	-
62	N062	Maple concrete (Acer spp.)	-
63	N063	Labdanum extract (Cistus ladaniferus)	2610
64	N064	Coffee tincture (Coffee spp.)	-
65	N065	Louhanfruit tincture (Siraitia grosvenorii(Swingle)	-
66	N066	Cassie concrete (Acacia farnesiana Wild.)	-
67	N067	Ylang ylang oil (Cananga odorata Hook.f.and	3119
68	N068	Jasminum grandiflorum absolute	2598
69	N069	Jasminum grandiflorum concrete	2599
70	N070	Jasminum sambac absolute	-
71	N071	Jasminum sambac concrete	-
72	N072	Sarcodactylis oil (Citrus medicus	3899
73	N073	Angelica root tincture (extract) (Angelica	2087
74	N074	Onion oil (Allium cepa L.)	2817

75	N075	Ginger oil (Zingiber officinale Rosc.)	2522
76	N076	Turmeric oil (Curcuma longa L.)	3085
77	N077	Turmeric oleoresin (Curcuma longa L.)	3087
78	N078	Turmeric extract (Curcuma longa L.)	3086
79	N079	Fenugreek tincture (extract)	2485
80	N080	Daidai flower oil (Citrus aurantium L. ‘Daidai’)	2771
81	N081	Daidai flower concrete (Citrus aurantium L.	2771
82	N082	Daidai fruit oil (Citrus aurantium L. ‘Daidai’)	2771
83	N083	Pummelo peel oil (Citrus grandis(L.)Osbeck)	-
84	N084	Cedar leaf oil (Thuja occidentalis L.)	2267
85	N085	Cumin seed oil (Cuminum cyminum L.)	2343
86	N086	Lemon oil (Citrus limon (L.)Burm.f.)	2625
87	N087	Lemon oil, terpeneless (Citrus limon(L.)Burm.F.)	2626
88	N088	Terpenes of lemon oil	-
89	N089	Petitgrain lemon oil(Citrus limon (L).Burm.f.)	2853
90	N090	Lemongrass oil (Cymbopogon citratus DC. and	2624
91	N091	Gardenia flower concrete (Gardenia jasminoides	-
92	N092	Aglaia odorata flower oil	-
93	N093	Aglaia odorata flower tincture	-
94	N094	Aglaia odorata flower concrete	-
95	N095	Treemoss absolute (Evernia furfuraceae)	-
96	N096	Treemoss concrete (Evernia furfuraceae)	-
97	N097	Geranium oil (geranium rose oil)	2508
98	N098	Geranium oil terpeneless	2508
99	N099	Xiang Feng cha oil (Rabdosia spp.)	-
100	N101	Bergamot oil (*Citrus aurantium* L.subsp.	2153
101	N102	Vertiver oil (*Vetiveria zizanioides* Nash.)	-
102	N103	Vertiver concrete (*Vetiveria zizanioides* Nash.)	-
103	N104	Vanilla bean tincture (*Vanilla* spp.)	-
104	N105	Vanilla bean concrete (extract) (*Vanilla* spp.)	3105
105	N106	Cyperus oil (*Cupressus sempervirens*)	-
106	N107	Chives oil (*Allium schoenoprasum*)	-
107	N108	Clary sage oil (*Salvia sclarea* L.)	2321
108	N109	*Torreya grandis* shell concrete	-
109	N110	Mandarin oil (*Citrus reticulata* Blanco)	2657
110	N111	Mandarin oil, terpeneless	-
111	N112	Hops tincture(extract) (*Humulus lupulus* L.)	2578
112	N113	Hops extract, solid (*Humulus lupulus* L.)	2579
113	N114	Eucalyptus oil (*Eucalyptus globulus* Labille)	2466
114	N115	Castoreum tincture(extract) (*Castor* spp.)	2261

115	N116	Cinnamon bark oil (*Cinnamomum* spp.)	2291
116	N117	Cinnamon leaf oil (*Cinnamomum* spp.)	2292
117	N118	*Osmanthus fragrans* flower absolute (*Osmanthus fragrans* Lour)	3750
118	N119	*Osmanthus fragrans* flower tincture	-
119	N120	*Osmanthus fragrans* flower concrete	-
120	N121	Longan tincture (*Euphoria longan*)	-
121	N122	Spearmint oil (*Mentha spicate*)	3032
122	N123	Walnut hull extract (*Juglans* spp.)	3111
123	N124	Common white jasmine flower absolute (*Jasminum*	-
124	N125	Birch sweet oil (*Betula lenta* L.)	2154
125	N126	Broad bean flower tincture(*Vicia faba* Linn.)	-
126	N127	Green tea tincture (*Thea sinensis)*	-
127	N128	Wild rose concrete (*Rosa multiflora*)	-
128	N129	Fennel oil, sweet (*Foeniculum vulgare* Mill. var.	2483
129	N130	*Stevia rebaudiana* oil	-
130	N131	Orange oil (*Citrus sinensis* (L.) Osbeck)	2821
131	N132	Orange oil, terpeneless (*Citrus sinensis* (L.)	2822
132	N133	Terpenes of orange oil	-
133	N134	Chicory concrete (extract) (*Cichorium intybus* L.)	2280
134	N135	Tuberose concrete (*Polianthes tuberosa*)	-
135	N136	Violet leaf concrete (*Viola odorata*)	3110
136	N137	Peppermint oil (*Mentha piperita* L.)	2848
137	N138	Black currant tincture (*Ribes nigrum* L.)	2346
138	N139	Black currant concrete (*Ribes nigrum* L.)	2346
139	N140	*Sophora japonica* flower absolute	-
140	N141	*Sophora japonica* flower concrete	-
141	N142	Capsicum tincture (extract) (*Capsicum* spp.)	2233
142	N143	Paprika oleoresin (*Capsicum annuum*) L.)	2834
143	N144	Guaiac wood oil (*Bulnesia sarmienti* Lor.)	2534
144	N145	Valerian root oil (*Valeriana officinalis* L.)	3100
145	N146	*Rose crimsonglory* flower absolute	-
146	N147	*Rose crimsonglory* flower concrete	-
147	N148	Oakmoss absolute (*Evernia prunastri*)	2795
148	N149	Petitgrain bigarade oil (*Citrus aurantium* L.)	2855
149	N150	*Mentha arvensis* oil (Cornmint oil)	4219
150	N151	*Mentha arvensis* oil,partially	-
151	N152	Sandalwood oil (*Santalum album* L.)	3005
152	N153	Lavender oil (*Lavandula angustifolia*)	2622
153	N154	Origanum oil (*Thymus capitatus*)	2828

154	N155	Kolas nut extract (*Cola acuminate* Schott et EndL.)	2607
155	N156	Schinus molle oil (*Schinus molle* L.)	3018
156	N157	Cascarilla bark oil (*Croton* spp.)	2255
157	N158	Thyme oil (*Thymus vulgaris* or *zigis* L.)	3064
158	N159	Butter starters distillate	2173
159	N160	Cananga oil (Cananga odorata Hook. F. and Thoms)	2232
160	N161	Laurel leaves extract/oleoresin (Laurus nobilis L.)	2613
161	N162	Ginger extract (Ginger concrete.) (Zingiber	2521
162	N163	Oak chips extract (Quercus alba L.)	2794
163	N164	Estragon oil (Artemisia dracunculus L.)	2412
164	N165	Camphor oil, white	2231
165	N166	Mace oil (Myristica fragrans Houtt.)	2653
166	N167	Pimento leaf oil (Pimenta officinalis Lindl.)	2901
167	N168	Sage oil, Spanish (Salvia lavandulaefolia VahL.)	3003
168	N169	Tangerine oil (Citrus reticulata blanco)	3041
169	N170	Lavandin oil (Lavandula hydrida)	2618
170	N171	Apricot Kernel oil (Prunus armeniaca L.)	2105
171	N172	Styrax oil (Liquidambar spp.)	-
172	N173	Styrax extract (Liquidambar spp.)	3037
173	N174	Locust bean oil (Ceratonia siliqua L.)	-
174	N175	Carob bean extract (ceratonia siliqua L.)	2243
175	N176	Quillaia (Quillaja saponaria Molina)	2973
176	N177	Olibanum oil (Boswellia spp.)	2816
177	N178	Myrrh oil (Commiphora spp.)	2766
178	N179	Galangal root extract (Alpinia spp.)	2499
179	N180	Pine oil, scotch (Pinus sylvestris L.)	2906
180	N181	Fennel oil, (common) (Foeniculum vulgare Mill)	2481
181	N182	Almond oil, bitter (Prunus amygdalus)	2046
182	N183	Asafoetida oil (Ferula asafoetida L.)	2108
183	N184	Cassie absolute (Acacia farnesiana (L.) Willd.)	2260
184	N185	Parsley leaf oil (Petroselinum Crispum.)	2836
185	N186	Pine needle oil (*Abies* spp.)	2905
186	N187	Boronia absolute (*Boronia megastigma*	2167
187	N188	Bois de rose oil (*Aniba rosaeodora* Ducke)	2156
188	N189	Palmarosa oil (*Cymbopogon martini* (Roxb.) stapf)	2831
189	N190	Citronella oil (*Cymbopogon nardus* Rendle)	2308
190	N191	Rosemary oil (*Rosemarinus officinalis* L.)	2992
191	N192	Balsam fir oil (*Abies balsamea*(L.) Mill.)	2114
192	N193	Balsam firoleoresin(*Abies balsamea*(L.)	2115
193	N194	Carrot seed oil (*Daucus carota* L.)	2244

194	N195	Chamomile flower oil (Roman)	2275
195	N196	Chamomile flower absolute(extract)	2274
196	N197	Cascara bitterless extract (*Rhamnus purshiana* DC.)	2253
197	N198	Cubeb oil (*Piper cubeba* L.f.)	2339
198	N199	Pennyroyal oil (*Mentha pulegium* L.)	2839
199	N200	Lovage oil (*Levisticum officinale* Koch.)	2651
200	N201	Horehound extract (*Marrubium vulgare* L.)	2581
201	N202	Yucca mohave extract (*yucca* spp.)	3121
202	N203	Kelp (*Laminaria* and *Kereocystis* spp.)	2606
203	N204	Hyssop oil (*Hyssopus officinalis* L.)	2591
204	N205	Dill herb oil (*Anethum graveolens*)	2383
205	N206	Balsam peru (*Myroxylon pereirae* Klotzsch)	2116
206	N207	Galbanum oil (*Ferula galbaniflua*)	2501
207	N208	Amyris oil (*Amyris balsamifera* L.)	-
208	N209	Mimosa absolute (*Acacia decurrens*	2755
209	N210	Elder flower absolute (*Sambucus canadensis* L. and	-
210	N211	Marjoram oil, sweet (*Majorana hortensis* Moench	2663
211	N212	Gentian root extract (*Gentiana lutea* L.)	2506
212	N213	Ambrette seed oil (*Hibiscus abelmoschus* L.)	2051
213	N214	Cherry bark,wild, extract (*Prunus serotina*,Ehrh.)	2276
214	N215	Pepper oil, black (*Piper nigrum* L.)	2845
215	N216	Caraway seed oil (*Carum carvi* L.)	2238
216	N217	Elemi resinoid (*Canarium* ssp.)	2407
217	N218	Immortelle extract (*Helichrysum angustifolium*	2592
218	N219	Balm oil (*Melissa officinalis* L.)	2113
219	N220	*d*-Camphor	2230
220	N221	Orange flower absolute (*Citrus aurantium* L. subsp.	2818
221	N222	Naringin extract (*Citrus paradisi* Macf.)	2769
222	N223	Spike lavender oil (*Lavandula latifolia* L.)	3033
223	N224	Genet absolute (*Spartium junceum* L.)	2504
224	N225	Daidai peel oil (*Citrus aurantium* L. 'Daidai')	3823
225	N226	Orange oil, sweet cold pressed (*citrus sinensis* (L)	2825
226	N227	Capsicum oleoresin (*Capsicum* spp.)	2234
227	N228	Clove stem oil (*Eugenia* spp.)	2328
228	N229	Anise oil (*Pimpinella anisum* L.)	2094
229	N230	*l*-Asparagine	-
230	N231	Mate absolute/extract (*Ilex paraguariensis* St.Hil.)	-
231	N232	Hickory bark extract (*Carya* spp.)	2577
232	N233	Guarana extract (*Paullinia cupana* HBK)	2536
233	N234	Licorice root (*Glycyrrhiza glabra*)	2630

234	N235	Thyme oil, white (*Thymus zygis* L.)	3065
235	N236	Pepper oil, white (*piper nigrum* L)	2851
236	N237	Pepper oleoresin,white (*piper nigrum* L)	2852
237	N238	Cognac oil, white	2332
238	N239	Butter esters	2172
239	N240	Butter acids	2171
240	N241	Pimenta oil (*Pimenta officinalis*)	2018
241	N242	Benzoin resinoid (*Styrax tonkinensis* Pierre)	2133
242	N243	Angelica seed oil (*Angelica archanglica* L.)	2090
243	N244	Angelica root oil (*Angelica archangelica* L.)	2088
244	N245	Mace oleoresin/extract (*Myristica fragrans* Houtt)	2654
245	N246	Bay leaves, west Indian,extract (*Pimenta acris*	2121
246	N247	Bay leaves, West Indian, oil (*Pimenta acris* kostel)	2122
247	N248	*l*-Arabinose	3255
248	N249	Arabic gum	2001
249	N250	Lovage extract (*Levisticum officinale* Koch)	2650
250	N251	Parsley oleoresin (*Petroselinum* spp.)	2837
251	N252	Oleic acid	2815
252	N253	Quassia extract [*Picrasma excelsa*(sw.)planch.	2971
253	N254	Orange leaf absolute (*Citrus*	2820
254	N255	Orange oil,bitter (*Citrus aurantium* L.)	2823
255	N256	Cinchona bark (yellow) (*Cinchona* spp.)	2283
256	N257	Jambu oleoresin (*Spilanthes acmelia* Oleracea)	3783
257	N258	Quinine hydrochloride	2976
258	N259	Cumin oil (*Cuminum cyminum* L.)	2340
259	N260	Onion oleoresin (*allium cepa* L)	-
260	N261	Tea tree oil (*Melaleuca alternifolia*)	3902
261	N262	Lime oil, expressed terpeneless (Citrus aurantifolia Swingle)	2632
262	N263	Orange peel oil, sweet, terpeneless (*Citrus sinensis* L.Osbeck)	2826
263	N264	Dill seed, Indian (*Anethum sowa* D.C.)	2384
264	N265	Mustard extract/oleoresin, yellow (*Brassica*	-
265	N266	Mustard extract, brown (*Brassica* spp.)	-
266	N267	Pyroligneous acid	2967
267	N268	Perilla leaf oil (Shiso oil)(*Perilla frutescens*)	4013
268	N269	Grapefruit oil terpenes (*Citrus paradisi* Macf)	-
269	N270	Pepper oleoresin/extract black(*Piper nigrum* L.)	2846

270	N271	Elemi oil/extract/resinoid (*Canarium cimmune* or *Iuzonicum* Miq)	2408
271	N272	Beeswax absolute (*Apis Mellifera* L.)	2126
272	N273	Labdanum absolute (*Cistus* spp.)	2608
273	N274	Sage oil (*Salvia officinalis* L.)	3001
274	N275	Helichrysum absolute (*Helichrysum augustifolium*)	-
275	N276	Molasses extract	-
276	N277	Santalol, αandβ	3006
277	N278	Yerba santa fluid extract (*Eriodictyon californicum* (Hook and Arn)Torr)	3118
278	N279	Alfalfa extract (*Medicago sativa* L.)	2013
279	N280	Allspice (*Pimenta officinalis* Lind L.)	2017
280	N281	Allspice oleoresin/extract (*Pimenta officinalis*	2019
281	N282	Ambrette seed absolute (*Hibiscus abelmoschus* L.)	2050
282	N283	Balsam oil, Peru (*Myroxylon pereirae* Klotzsch)	2117
283	N284	Basil extract (*Ocimum basilicum* L.)	2120
284	N285	Celery seed extract solid (*Apium graveolens* L.)	2269
285	N286	Celery seed (CO_2) Extract (*Apium graveolens* L.)	2270
286	N287	Chamomile flower oil (Hungarian) (*Matricaria*	2273
287	N288	Cinchona bark extract (yellow) (*Cinchona* spp.)	2284
288	N289	Clove bud oleoresin (*Eugenia* spp.)	2324
289	N290	Clover tops red extract solid (*Trifolium pratense* L.)	2326
290	N291	Dandelion fluid extract (*Taraxacum* spp.)	2357
291	N292	Dandelion root solid extract (*Taraxacum* spp.)	2358
292	N293	Fleabane oil (*Erigeron canadensis*)	2409
293	N294	Mountain maple extract solid (*Acer spicatum* Lam.)	2757
294	N295	Rue oil (*Ruta graveolens* L.)	2995
295	N296	Sage oleoresin/extract (*Salvia officinalis* L.)	3002
296	N297	Sarsaparilla extract (*Smilax* spp.)	3009
297	N298	Turpentine, steam-distilled (*Pinus* spp.)	3089
298	N299	Valerian root extract (*Valeriana officinalis* L.)	3099
299	N300	Vanilla oleoresin (*Vanilla fragrans*)	3106
300	N301	Violet leaves absolute (*Viola odorata* L.)	3110
301	N302	Wormwood oil (*Artemisia absinthium* L.)	3116
302	N303	Roselle (*Hibiscus sabdariffa* L.)	-
303	N304	Tangelo oil	-
304	N305	Tuberose absolute (*Polianthes tuberosa* L.)	-
305	N306	Chestnut leaves extract (*Castanea dentata*(Marsh.)	-
306	N307	Copaiba oil (South American spp. of *Copaifera*)	-
307	N308	Damiana leaves (*Turnera diffusa* Willd.)	-

308	N309	Chamomile flower absolute (Hungarian) (*Matricaria*	-
309	N310	Elder flowers extract (*Sambucus canadensis* L. and S.*nigra* L.)	-
310	N311	Opoponax oil (*Commiphora* ssp.)	-
311	N312	Saffron extract (*Crocus sativus* L.)	2999
312	N313	Geranium extract (*Pelargonlium* spp.)	-
313	N314	Fenugreek oleoresin (*Trigonella foenum-graecum*	2486
314	N315	Lemon extract (*Citrus limon* (L.) Burm.f.)	2623
315	N316	Orris resinoid (*Iris germanical* L.)	-
316	N317	Tamarind extract (*Tamarindus indica* L.)	-
317	N318	Horseradish oil (*Armoracia lapathifolia* Gilib)	-
318	N319	Fenugreek seed extract (*Trigonella foenum-*	2485
319	N320	Celery leaf oil (*Apium graveolens* L.)	-
320	N321	Cedarwood oil terpenes	-
321	N322	Nutmeg oleoresin (*Myristica fragrans* Houtt)	-
322	N323	Anise star (*Illicum verum* Hook.F.)	2095
323	N324	Coriander oil/oleoresin (*Coriandrum sativum* L.)	2334
324	N325	Fenugreek (*Trigonella foenum-graecum* L.)	2484
325	N326	Leek oil (*Allium porrum*)	-
326	N327	Orange peel extract, sweet (*Citrus*	2824
327	N328	*Origanum vulgare*	2660
328	N329	*Citrus junos* peel oil	2318
329	N330	*Algues* absolute	——
330	N331	Oregano oleoresin (*Lippia* spp.)	2828
331	N332	Glycyrrhizin, ammoniated (*Glycyrrhiza* spp.)	2528
332	N333	Savory winter oil(*Satureja montana* L.)	3016
333	N334	Styrax (*Liquidambar* spp.)	3036
334	N335	Asafoetida fluid extract (*Ferula assafoetida* L.)	2106
335	N336	Peach tree leaf absolute (*Prunus persica* L.Batsch)	——
336	N337	Dittany of crete (*Origanum dictamnus* L.)	2399
337	N338	Hops oil (*Humulus lupulus* L.)	2580
338	N339	Labdanum oil (*Cistus ladaniferus*)	2609
339	N340	Lavender absolute (*Lavandula angustidolia*)	2620
340	N341	Opoponax extract resinoid (*Commiphora* ssp.)	——
341	N342	Ash bark, prickly, extract (*Xanthoxylum* spp.)	2110
342	N343	Castor oil (*Ricinus communis*)	2263
343	N344	Catechu powder (*Acacia catechu*	2265
344	N345	Wormwood (*Artemisia absinthium* L.)	3114

345	N346	Neroli bigarade oil (*Citrus aurantium* L.)	2771
346	N347	Ghatti gum (*Anogeissus latifolia* Wall.)	2519
347	N348	Wormwood extract (*Artemisia absinthium* L.)	3115
348	N349	Juniper extract (*Juniperus communis* L.)	2603
349	N350	Licorice extract powder (*Glycyrrhiza glabra* L.)	2629
350	N351	Betaine (Natural Extract)	4223
351	N352	Pine tar oil (*Pinus* spp.)	2907
352	N353	Oak moss absolute (*Evernia* spp.)	2795
353	N354	Scotch spearmint oil (*Mentha cardiaca* L.)	4221
354	N355	Hyssop extract (*Hyssopus officinalis* L.)	2590
355	N356	Angostura extract (*Galipea offincinalis* Hancock)	2092
356	N357	Chamomile (German)extract (*Matricaria*	——
357	N358	Pomegranate concentrate	——
358	N359	L-Threonine	——
359	N360	L-Serine	——
360	N361	Civet absolute(*Viverra* civettaSchreber V.zibetha	2319
361	N362	Annatto extract (*Bixa orellana* L.)	2103
362	N363	Cascarilla bark extract (*Croton* spp.)	2254
363	N364	Cinnanon bark oil/oleoresin (*Cinnamomaum* spp.)	2290
364	N365	Karaya gum (Sterculiaurens)	2605
365	N366	Petitgrain mandarin oil (*Citrus reticulate* blanco var.mandarin)	2854
366	N367	Pine needle oil,dwarf, oil (*Pinus mugo turra* var.pumilio (Haenke) Zenari)	2904
367	N368	Rose hips extract(*Rosa* spp.)	2990
368	N369	Savory summer oil (*Satureja hortensis* L.)	3013
369	N370	Snakeroot oil,Canadian (*Asarum canadense* L.)	3023
370	N371	Tannic acid	3042
371	N372	Tragacanth gum (*Astragalus* spp.)	3079
372	N373	Marjoram oleoresin/extract (Majorana	2659
373	N374	Grains of paradise xtract (*Aframomum melegueta* (Rosc.) K.Schum)	2529
374	N375	Hesperetin	4313
375	N376	Phloretin	4390
376	N377	Sesame CO2 extract	——
377	N378	Sesame dist.	——
378	N379	Katsuobushi CO2 extract	——
379	N380	Rum absolute	——
380	N381	Toushi oleoresin (Douchi oleoresin)	——
381	N382	Althea root (*Althea officinalis* L.)	2048

382	N383	Balm (*Melissa officinalis* L.)	2111
383	N384	Cajeput oil(*Melaleuca cajuputi* Powell)	2225
384	N385	Cassia (*Cinnamomum cassia* Blume)	2256
385	N386	Cloves (*Eugenia* spp.)	2327
386	N387	Corn silk (*Zea mays* L.)	2335
387	N388	Cubebs (*Piper cubeba* L. f.)	2338
388	N389	Aloe extract (*Aloe* spp.)	2047
389	N390	Ambergris tincture	2049
390	N391	Ambrette tincture (*Hibiscus abelmoschus* L.)	2052
391	N392	Swallowroot (*Decalepis hamiltonii*) extract	4283
392	N393	date concrete (*Ziziphus jujuba*)	——
393	N394	Folded Apple Essence	——
394	N395	ß-Guaiene；Guaia-1(5),7(11)-diene	—
395	N396	Algin (*Laminaria* spp. and other kelps)	2014
396	N397	massoia bark oil (*Cryptocarya massoio*)	3747
397	N398	(-)-homoeriodyctiol sodium salt	4228
398	N399	isoquercitrin, enzymatically modified	4225
399	N400	grape seed extract (*Vitis vinifera*)	4045
400	N401	spearmint extract (*Mentha spicata* L.)	3031

Table B.3 List of compounded flavoring in food permitted to be used

S.N.	Code	Original coding	Name of flavoring	FEMA No.
1	S0001	I1001	1,2-Propanediol (Propylene glycol)	2940
2	S0002	I1002	1,2,3-Propanetriol (Glycerol)	2525
3	S0003	I1003	Isopropyl alcohol	2929
4	S0004	I1004	1-Butanol (Butyl alcohol)	2178
5	S0005	I1005	Isobutyl alcohol	2179
6	S0006	I1006	1-Pentanol (Amyl alcohol)	2056
7	S0007	I1007	2-Pentanol	3316
8	S0008	I1008	Isoamyl alcohol	2057
9	S0009	I1009	1-Penten-3-ol	3584
10	S0010	I1010	1-Hexanol (Hexyl alcohol)	2567
11	S0011	I1011	2-Hexen-1-ol	2562
12	S0012	I1012	4-Hexen-1-ol	3430
13	S0013	I1013	1-Heptanol (Heptyl alcohol)	2548
14	S0014	I1014	1-Octanol (Octyl alcohol)	2800
15	S0015	I1015	2-Octanol	2801
16	S0016	I1016	1-Octen-3-ol	2805
17	S0017	I1017	*cis*-5-Octen-1-ol	3722
18	S0018	I1018	1-Nonanol (Nonyl alcohol)	2789
19	S0019	I1019	*cis*-6-Nonen-1-ol	3465
20	S0020	I1020	*trans*-2-Nonen-1-ol	3379
21	S0021	I1021	2,6-Nonadien-1-ol	2780
22	S0022	I1022	1-Decanol (Decyl alcohol)	2365
23	S0023	I1023	Undecyl alcohol	3097
24	S0024	I1024	Lauryl alcohol (Dodecyl alcohol)	2617
25	S0025	I1025	1-Hexadecanol	2554
26	S0026	I1026	Fenchyl alcohol	2480
27	S0027	I1027	Leaf alcohol(*cis*-3-Hexen-1-ol)	2563
28	S0028	I1028	Borneol	2157
29	S0029	I1030	Linalool	2635
30	S0030	I1031	Linalool oxide	3746
31	S0031	I1032	Isopulegol	2962
32	S0032	I1033	Styralyl alcohol(α-Methylbenzyl alcohol)	2685
33	S0033	I1034	Benzyl alcohol	2137
34	S0034	I1035	Phenethyl alcohol	2858
35	S0035	I1036	Phenylpropyl alcohol	2885
36	S0036	I1037	Rhodinol	2980
37	S0037	I1038	α-Terpineol	3045
38	S0038	I1039	Farnesol	2478

39	S0039	I1040	Geraniol	2507
40	S0040	I1041	*dl*-Citronellol	2309
41	S0041	I1042	Anisyl alcohol	2099
42	S0042	I1043	Cinnamic alcohol	2294
43	S0043	I1044	*α*-Ionol	3624
44	S0044	I1045	*β*-Ionol	3625
45	S0045	I1046	Dihydro-*β*-ionol	3627
46	S0046	I1047	Nerol	2770
47	S0047	I1048	Nerolidol	2772
48	S0048	I1049	Dimethyl benzyl carbinol	2393
49	S0049	I1050	1-Propanol (Propyl alcohol)	2928
50	S0050	I1051	3-Hexanol	3351
51	S0051	I1052	1-Hexen-3-ol	3608
52	S0052	I1053	2-Ethyl-1-hexanol	3151
53	S0053	I1054	2-Heptanol	3288
54	S0054	I1055	3-Octanol	3581
55	S0055	I1056	*cis*-3-Octen-1-ol	3467
56	S0056	I1057	2-Undecanol	3246
57	S0057	I1058	*p*, *α*-Dimethylbenzyl alcohol	3139
58	S0058	I1059	*p*-Isopropylbenzyl alcohol	2933
59	S0059	I1060	*p*, *α*, *α*-Trimethylbenzyl alcohol	3242
60	S0060	I1061	*β*-Caryophyllene alcohol	-
61	S0061	I1062	Estragole	2411
62	S0062	I1063	Tetrahydrogeraniol	2391
63	S0063	I1064	Dihydrocarveol	2379
64	S0064	I1065	1-*p*-Menthen-4-ol	2248
65	S0065	I1066	Perilla alcohol	2664
66	S0066	I1067	*dl*-Menthol	2665
67	S0067	I1068	3-(*l*-Menthoxy)-2-methylpropane-1, 2-diol	3849
68	S0068	I1069	3,5,5-Trimethylcyclohexanol	3962
69	S0069	I1070	*cis*-2-Nonen-1-ol	3720
70	S0070	I1071	*E*,*E*-2,4-Decadien-1-ol (*trans*,*trans*-2,4-Decadien-1-ol)	3911
71	S0071	I1072	(*E*)-2-Octen-4-ol	3888
72	S0072	I1073	*p*-Menth-3-en-1-ol	3563
73	S0073	I1074	Menthadienol (*p*-mentha-1,8(10)-dien-9-ol)	-
74	S0074	I1075	Cedrenol	-
75	S0075	I1076	Dehydrolinalool[(*E*)-3,7-Dimethyl-1,5,7-octatrien-3 -ol]	3830
76	S0076	I1077	*d*-Xylose	3606
77	S0077	I1078	*d*-Ribose	3793
78	S0078	I1079	*l*-Rhamnose	3730

79	S0079	I1080	Diphenyl ether	3667
80	S0080	I1081	*p*-Cresyl methyl ether	2681
81	S0081	I1082	*iso*-Eugenyl methyl ether	2476
82	S0082	I1083	Methyl phenethyl ether	3198
83	S0083	I1084	Rum ether（Ethyl oxyhydrate）	2996
84	S0084	I1085	*sec*-Butyl ethyl ether	3131
85	S0085	I1086	Ethyl benzyl ether	2144
86	S0086	I1087	Anisole	2097
87	S0087	I1088	*o*-Methylanisole	2680
88	S0088	I1089	Nerol oxide	3661
89	S0089	I1090	2,4-Dimethylanisole	3828
90	S0090	I1091	Vanillyl ethyl ether	3815
91	S0091	I1101	Eugenol	2467
92	S0092	I1102	Isoeugenol	2468
93	S0093	I1103	Methyl eugenol	2475
94	S0094	I1104	*p*-Cresol	2337
95	S0095	I1105	*o*-Cresol	3480
96	S0096	I1106	*m*-Cresol	3530
97	S0097	I1107	Thymol	3066
98	S0098	I1108	Maltol	2656
99	S0099	I1109	Phenol	3223
100	S0100	I1110	2-Methoxy-4-methylphenol	2671
101	S0101	I1111	*p*-Ethylphenol	3156
102	S0102	I1112	2-Methoxy-4-vinylphenol	2675
103	S0103	I1113	*p*-Dimethoxybenzene	2386
104	S0104	I1114	Guaiacol	2532
105	S0105	I1115	4-Ethylguaiacol	2436
106	S0106	I1116	Benzaldehyde propylene glycol acetal	2130
107	S0107	I1117	2-Isopropylphenol	3461
108	S0108	I1118	2,6-Xylenol	3249
109	S0109	I1119	2,6-Dimethoxyphenol	3137
110	S00110	I1120	Resorcinol	3589
111	S0111	I1121	Carvacrol	2245
112	S0112	I1122	2-Methoxy-4-propylphenol	3598
113	S0113	I1123	2,5-Xylenol	3595
114	S0114	I1124	p-Vinylphenol	3739
115	S0115	I1131	Acetaldehyde	2003
116	S0116	I1132	Acetaldehyde diethyl acetal	2002
117	S0117	I1133	Propionaldehyde	2923
118	S0118	I1134	3-(2-Furyl)acrolein	2494
119	S0119	I1135	Butyraldehyde	2219
120	S0120	I1136	2-Methylbutyraldehyde	2691

121	S0121	I1137	2-Methyl-2-butenal	3407
122	S0122	I1138	2-Phenyl-2-butenal	3224
123	S0123	I1139	Valeraldehyde	3098
124	S0124	I1140	Isovaleraldehyde	2692
125	S0125	I1141	2-Methylvaleraldehyde	3413
126	S0126	I1142	2-Pentenal	3218
127	S0127	I1143	2-Methyl-2-pentenal	3194
128	S0128	I1144	4-Methyl-2-phenyl-2-pentenal	3200
129	S0129	I1145	2,4-Pentadienal	3217
130	S0130	I1146	Hexanal	2557
131	S0131	I1147	2-Hexenal	2560
132	S0132	I1148	cis-3-Hexenal	2561
133	S0133	I1149	5-Methyl-2-phenyl-2-hexenal	3199
134	S0134	I1150	2-Isopropyl-5-methyl-2-hexenal	3406
135	S0135	I1151	trans,trans-2,4-Hexadienal	3429
136	S0136	I1152	Heptyl aldehyde	2540
137	S0137	I1153	4-Heptenal	3289
138	S0138	I1154	trans-2-Heptenal	3165
139	S0139	I1155	2,6-Dimethyl-5-heptenal	2389
140	S0140	I1156	2,4-Heptadienal	3164
141	S0141	I1157	Octylaldehyde	2797
142	S0142	I1158	2-Octenal	3215
143	S0143	I1159	trans,trans-2,4-Octadienal	3721
144	S0144	I1160	Trans,trans-2,6-Octadienal	3466
145	S0145	I1161	Nonanal	2782
146	S0146	I1162	Methylnonylacetaldehyde (2-Methylundecanal)	2749
147	S0147	I1163	2-Nonenal	3213
148	S0148	I1164	cis-6-Nonenal	3580
149	S0149	I1165	2,4-Nonadienal (trans-2-trans-4-Nonadienal)	3212
150	S0150	I1166	Nona-2-trans-6-cis-dienal	3377
151	S0151	I1167	Myrtenyl formate	3405
152	S0152	I1168	*n*-Decyl aldehyde(Decanal)	2362
153	S0153	I1169	2-Decenal	2366
154	S0154	I1170	2,4-Decadienal	3135
155	S0155	I1171	Undecanal	3092
156	S0156	I1172	2-Undecenal	3423
157	S0157	I1173	2,4-Undecadienal	3422
158	S0158	I1174	Lauric aldehyde	2615
159	S0159	I1175	2-Dodecenal	2402
160	S0160	I1176	2-*trans*-6-*cis*-Dodecadienal	3637
161	S0161	I1177	Tetradecyl aldehyde	2763
162	S0162	I1178	Peach aldehyde(γ-Undecalactone)	3091
163	S0163	I1179	*p*-Anisaldehyde	2670

164	S0164	I1180	Salicylaldehyde	3004
165	S0165	I1181	Benzaldehyde	2127
166	S0166	I1182	Tolualdehydes(mixed *o*,*m*,*p*)	3068
167	S0167	I1183	3,4-Dimethoxybenzenecarbonal	3109
168	S0168	I1184	Phenylacetaldehyde	2874
169	S0169	I1185	Phenylacetaldehyde dimethyl acetal	2876
170	S0170	I1186	Phenylpropyl aldehyde(3-Phenylpropionaldehyde)	2887
171	S0171	I1187	Cuminaldehyde	2341
172	S0172	I1188	Vanillin	3107
173	S0173	I1189	Citronellal	2307
174	S0174	I1190	Citral	2303
175	S0175	I1191	Heliotropin (Piperonal)	2911
176	S0176	I1192	Cinnamic aldehyde	2286
177	S0177	I1193	Cinnamaldehyde ethylene glycol acetal	2287
178	S0178	I1194	Perillaldehyde	3557
179	S0179	I1195	*p*-Menth-1-ene-9-al	3178
180	S0180	I1196	Furfural	2489
181	S0181	I1197	5-Methylfurfural	2702
182	S0182	I1198	1,1-Dimethoxyethane	3426
183	S0183	I1199	(2,6,6-Trimethylcyclohexa-1,3-dienyl)-methanal	3389
184	S0184	I1200	Isobutyraldehyde	2220
185	S0185	I1201	*cis*-4-Hexenal	3496
186	S0186	I1202	*cis*-5-Octenal	3749
187	S0187	I1203	4-Decenal	3264
188	S0188	I1204	trans,trans-2,4-Dodecadienal	3670
189	S0189	I1205	2-Tridecenal	3082
190	S0190	I1206	4-Ethylbenzaldehyde	3756
191	S0191	I1207	2-Hydroxy-4-methylbenzaldehyde	3697
192	S0192	I1208	o-Methoxycinnamaldehyde	3181
193	S0193	I1209	Campholenic aldehyde	3592
194	S0194	I1210	α-Hexylcinnamaldehyde	2569
195	S0195	I1211	Vanillin propylene glycol acetal	3905
196	S0196	I1212	Acetaldehyde ethyl cis-3-hexenyl Acetal	3775
197	S0197	I1213	2-trans-6-trans-Nonadienal	3766
198	S0198	I1214	2,4,7-Decatrienal	4089
199	S0199	I1215	β-Sinensal	3141
200	S0200	I1216	4-Hydroxy benzaldehyde	3984
201	S0201	I1217	o-Methoxybenzaldehyde	-
202	S0202	I1218	12-Methyltridecanal	4005
203	S0203	I1231	Methyl ethyl ketone	2170

204	S0204	I1232	3-Hydroxy-2-butanone(Acetoin)	2008
205	S0205	I1233	4-(p-Methoxyphenyl)-2-butanone	2672
206	S0206	I1234	4-Phenyl-3-buten-2-one	2881
207	S0207	I1235	Diacetyl (2,3-Diketo butane)	2370
208	S0208	I1236	2-Pentanone	2842
209	S0209	I1237	1-Penten-3-one	3382
210	S0210	I1238	2,3-Pentanedione	2841
211	S0211	I1239	3-Ethyl-2-hydroxy-2-cyclopenten-1-one	3152
212	S0212	I1240	Methylcyclopentenolone	2700
213	S0213	I1241	4-Hexene-3-one	3352
214	S0214	I1242	5-Methyl-3-hexene-2-one	3409
215	S0215	I1243	3,4-Hexanedione	3168
216	S0216	I1244	2-Heptanone	2544
217	S0217	I1245	3-Hepten-2-one Methyl pentenyl ketone	3400
218	S0218	I1246	6-Methyl-5-hepten-2-one	2707
219	S0219	I1247	1-Octen-3-one	3515
220	S0220	I1248	2-Nonanone	2785
221	S0221	I1249	2-Undecanone	3093
222	S0222	I1250	2-Tridecanone	3388
223	S0223	I1251	Nootkatone	3166
224	S0224	I1252	L-Carvone	2249
225	S0225	I1253	Acetophenone	2009
226	S0226	I1254	)4-Methylacetophenone (*p*-Methylacetophenone)	2677
227	S0227	I1255	*p*-Methoxyacetophenone	2005
228	S0228	I1256	*cis*-Jasmone	3196
229	S0229	I1257	Frambinon (4-(*p*-Hydroxyphenyl)-2-butanone)	2588
230	S0230	I1258	*α*-Damascone	3659
231	S0231	I1259	Damascenone	3420
232	S0232	I1260	Benzaldehyde glyceryl acetal	2129
233	S0233	I1261	*α*-Irone	2597
234	S0234	I1262	*α*-Ionone	2594
235	S0235	I1263	*β*-Ionone	2595
236	S0236	I1264	*dl*-Camphor	-
237	S0237	I1265	Menthone	2667
238	S0238	I1266	*d*,*l*-Isomenthone	3460
239	S0239	I1267	4-(2-Furyl)-3-buten-2-one	2495
240	S0240	I1268	2-Ethyl-4-hydroxy-5-methyl-3(2*H*)-furanone	3623
241	S0241	I1269	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	3634
242	S0242	I1270	2-Ethyl-3-methyl-4-hydroxydihydro-2,5-furan-5-one	3153
243	S0243	I1271	4,5-Dihydro-3-	3266

			(2*H*)thiophenone(Tetrahydrothiophen-3-one)	
244	S0244	I1272	2-Ethylfuran	3673
245	S0245	I1273	2-Acetylfuran	3163
246	S0246	I1274	2-Acetyl-5-methylfuran	3609
247	S0247	I1275	Acetone	3326
248	S0248	I1276	1-Phenyl-1,2-propanedione	3226
249	S0249	I1277	3,4-Dimethyl-1,2-cyclopentadione	3268
250	S0250	I1278	3,5-Dimethyl-1,2-cyclopentadione	3269
251	S0251	I1279	2,3-Hexanedione	2558
252	S0252	I1280	1-Methyl-2,3-cyclohexadione	3305
253	S0253	I1281	2,2,6-Trimethylcyclohexanone	3473
254	S0254	I1282	2,6,6-Trimethylcyclohex-2-ene-1,4-dione	3421
255	S0255	I1283	3-Heptanone	2545
256	S0256	I1284	5-Methyl-2-hepten-4-one	3761
257	S0257	I1285	6-Methyl-3,5-heptadien-2-one	3363
258	S0258	I1286	2-Octanone	2802
259	S0259	I1287	3-Octanone	2803
260	S0260	I1288	3-Octen-2-one	3416
261	S0261	I1289	6,10-Dimethyl-5,9-undecadien-2-one	3542
262	S0262	I1290	2-Pentadecanone	3724
263	S0263	I1291	3-Methyl-1-cyclopentadecanone	3434
264	S0264	I1292	Cycloheptadeca-9-en-1-one	3425
265	S0265	I1293	Benzophenone	2134
266	S0266	I1294	2-Hydroxyacetophenone	3548
267	S0267	I1295	Isophorone	3553
268	S0268	I1296	Dihydrojasmone(2-Pentyl-3-methyl-2-cyclopenten-1-one)	3763
269	S0269	I1297	Neohesperidin dihydrochalcone Neohesperidin DHC	3811
270	S0270	I1298	Zingerone	3124
271	S0271	I1299	*β*-Damascone4-(2,6,6-Trimethylcyclohex-1-enyl) but-2-en-4-one	3243
272	S0272	I1300	3-(Methylthio)butanal	3374
273	S0273	I1301	*α*-Amylcinnamaldehyde	2061
274	S0274	I1302	*d*-Fenchone	2479
275	S0275	I1303	2-Methyltetrahydrofuran-3-one	3373
276	S0276	I1304	4-Hydroxy-2,5-dimethyl-3(2*H*)fura none	3174
277	S0277	I1305	2,5-Dimethyl-4-methoxy-3(2*H*)-fur anone	3664
278	S0278	I1306	2-Pentylfuran	3317
279	S0279	I1307	4,5,6,7-Tetrahydro-3,6-dimethylben zofuran (Menthofuran)	3235

280	S0280	I1308	1,5,5,9-Tetramethyl-13-oxatricyclo[8.3.0.0(4,9)] tridecane	3471
281	S0281	I1309	*cis*-Dihydrocarvone	3565
282	S0282	I1310	33-Mercapto-2-butanone	3298
283	S0283	I1311	Piperonyl acetone	2701
284	S0284	I1312	Dihydro-*β*-ionone	3626
285	S0285	I1313	4-Methyl-2,3-pentanedione	2730
286	S0286	I1314	(*E*)-7-Methyl-3-octen-2-one	3868
287	S0287	I1315	3-(Acetylthio)-2-methylfuran	3973
288	S0288	I1316	4-Acetoxy-2,5-dimethyl-3(2H)-fura none	3797
289	S0289	I1317	3-Ethyl-2-hydroxy-4-methylcyclopent-2-en-1-one	3453
290	S0290	I1318	Cyclohexanone	3909
291	S0291	I1319	2,3-Heptanedione	2543
292	S0292	I1320	2,3-Octanedione	4060
293	S0293	I1321	Acetic acid	2006
294	S0294	I1322	Propionic acid	2924
295	S0295	I1323	Pyruvic acid	2970
296	S0296	I1324	Butyric acid	2221
297	S0297	I1325	Isobutyric acid	2222
298	S0298	I1326	2-Methylbutyric acid	2695
299	S0299	I1327	2-Ethylbutyric acid	2429
300	S0300	I1328	Valeric acid	3101
301	S0301	I1329	2-Methylvaleric acid	2754
302	S0302	I1330	2-Methyl-2-pentenoic acid (Strawberriff)	3195
303	S0303	I1331	Isovaleric acid	3102
304	S0304	I1332	Hexanoic acid	2559
305	S0305	I1333	Adipic acid	2011
306	S0306	I1334	*trans*-2-Hexenoic acid	3169
307	S0307	I1335	3-Hexenoic acid	3170
308	S0308	I1336	Heptanoic acid	3348
309	S0309	I1337	Octanoic acid	2799
310	S0310	I1338	Nonoic acid	2784
311	S0311	I1339	Decanoic acid	2364
312	S0312	I1340	Dodecanoic acid (Lauric acid)	2614
313	S0313	I1341	Tetradecanoic acid (Myristic acid)	2764
314	S0314	I1342	Hexadecylic acid (Palmitic acid)	2832
315	S0315	I1343	Benzoic acid	2131
316	S0316	I1344	Phenylacetic acid	2878
317	S0317	I1345	Citric acid	2306
318	S0318	I1346	Cinnamic acid	2288
319	S0319	I1347	Fumaric acid	2488
320	S0320	I1348	3-Methylpentanoic acid	3437

321	S0321	I1349	*β*-Alanine	3252
322	S0322	I1350	*l*-Phenylalanine	3585
323	S0323	I1351	*l*-Cysteine	3263
324	S0324	I1352	Glycine	3287
325	S0325	I1353	*l*-Glutamic acid	3285
326	S0326	I1354	*l-Leucine*	3297
327	S0327	I1355	*dl-Methionine*	3301
328	S0328	I1356	*Levulinic acid*	2627
329	S0329	I1357	*2-Oxobutyric acid*	3723
330	S0330	I1358	*2-Methylhexanoic acid*	3191
331	S0331	I1359	*2-Methyloenanthic acid*	2706
332	S0332	I1360	*4-Methyloctanoic acid*	3575
333	S0333	I1361	*3,7-Dimethyl-6-octenoic acid*	3142
334	S0334	I1362	*9-Decenoic acid*	3660
335	S0335	I1363	*Undecanoic acid*	3245
336	S0336	I1364	*10-Undecenoic acid*	3247
337	S0337	I1365	*3-Phenylpropionic acid*	2889
338	S0338	I1366	*Lactic acid*	2611
339	S0339	I1367	*l-Proline*	3319
340	S0340	I1368	*dl-Valine*	3444
341	S0341	I1369	*Sodium2-(4-methyoxy-phenoxy)propanoate*	3773
342	S0342	I1370	*l-And d,l-Alanine*	3818
343	S0343	I1371	*l-Arginine*	3819
344	S0344	I1372	*l-Lysine*	3847
345	S0345	I1373	*3-Methylcrotonic acid*	3187
346	S0346	I1374	*Formic acid*	2487
347	S0347	I1375	*4-Methylnonanoic acid*	3574
348	S0348	I1376	*Isohexanoic acid*	3463
349	S0349	I1377	*2-Hydroxybenzoic acid (Salicylic acid)*	3985
350	S0350	I1378	*Tiglic acid*	3599
351	S0351	I1379	*Succinic acid*	-
352	S0352	I1380	*Stearic acid*	3035
353	S0353	I1381	*Ethyl formate*	2434
354	S0354	I1382	*Butyl formate*	2196
355	S0355	I1383	*Amyl formate*	2068
356	S0356	I1384	*Isoamyl formate*	2069
357	S0357	I1385	*Hexyl formate*	2570
358	S0358	I1386	*Benzyl formate*	2145
359	S0359	I1387	*Geranyl formate*	2514
360	S0360	I1388	*Citronellyl formate*	2314
361	S0361	I1389	*Phenethyl formate*	2864
362	S0362	I1390	*Linalyl formate*	2642
363	S0363	I1391	*Methyl acetate*	2676

364	S0364	I1392	*Ethyl acetate*	2414
365	S0365	I1393	Ethyl acetoacetate	2415
366	S0366	I1394	Propyl acetate	2925
367	S0367	I1395	Isopropyl acetate	2926
368	S0368	I1396	Allyl acetate	-
369	S0369	I1397	Ethyl acetylpropanoate	2442
370	S0370	I1398	Butyl acetate	2174
371	S0371	I1399	Isobutyl acetate	2175
372	S0372	I1400	Isoamyl acetate	2055
373	S0373	I1401	Hexyl acetate	2565
374	S0374	I1402	2-Hexen-1-yl acetate	2564
375	S0375	I1403	Heptyl acetate	2547
376	S0376	I1404	Octyl acetate	2806
377	S0377	I1405	3-Octyl acetate	3583
378	S0378	I1406	1-Octen-3-yl acetate	3582
379	S0379	I1407	Nonyl acetate	2788
380	S00380	I1408	*n*-Hexyl 2-butenoate	3354
381	S0381	I1409	Decyl acetate	2367
382	S0382	I1410	Benzyl acetate	2135
383	S0383	I1411	Phenethyl acetate	2857
384	S0384	I1412	Anisyl acetate	2098
385	S0385	I1413	Bornyl acetate	2159
386	S0386	I1414	Menthol acetate	2668
387	S0387	I1415	Cinnamyl acetate	2293
388	S0388	I1416	Citronellyl acetate	2311
389	S0389	I1417	Geranyl acetate	2509
390	S0390	I1418	*p*-Cresyl acetate	3073
391	S0391	I1419	Styralyl acetate	2684
392	S0392	I1420	Neryl acetate	2773
393	S0393	I1421	Terpinyl acetate	3047
394	S0394	I1422	Cinnamyl isobutyrate	2297
395	S0395	I1423	*cis*-3-Hexen-1-yl acetate	3171
396	S0396	I1424	Furfuryl acetate	2490
397	S0397	I1425	Allyl heptanoate	2031
398	S0398	I1426	Linalyl acetate	2636
399	S0399	I1427	Carvyl acetate	2250
400	S0400	I1428	Dihydrocarvyl acetate	2380
401	S0401	I1429	Butyl phenylacetate	2209
402	S0402	I1430	Ethyl propionate	2456
403	S0403	I1431	Diethyl malonate	2375
404	S0404	I1432	Isobutyl propionate	2212
405	S0405	I1433	Isoamyl propionate	2082
406	S0406	I1434	cis-3-Hexenyl propionate & trans-2-Hexenyl	3778

			propionate	
407	S0407	I1435	Geranyl propionate	2517
408	S0408	I1436	Citronellyl propionate	2316
409	S0409	I1437	Benzyl propionate	2150
410	S0410	I1438	Phenethyl propionate	2867
411	S0411	I1439	Linalyl propionate	2645
412	S0412	I1440	Methyl butyrate	2693
413	S0413	I1441	Methyl 2-methylbutyrate	2719
414	S0414	I1442	Ethyl butyrate	2427
415	S0415	I1443	Ethyl isobutyrate	2428
416	S0416	I1444	Ethyl 2-methylbutyrate	2443
417	S0417	I1445	Ethyl 3-hydroxybutyrate	3428
418	S0418	I1446	Diethyl succinate	2377
419	S0419	I1447	Methyl isobutyrate	2694
420	S0420	I1448	Butyl butyrate	2186
421	S0421	I1449	Isobutyl butyrate	2187
422	S0422	I1450	n-Butyl 2-methylbutyrate	3393
423	S0423	I1451	2-Methylbutyl 2-methylbutyrate	3359
424	S0424	I1452	Butyl isobutyrate	2188
425	S0425	I1453	Amyl butyrate	2059
426	S0426	I1454	Isoamyl butyrate	2060
427	S0427	I1455	Isoamyl 2-methylbutanoate	3505
428	S0428	I1456	Isopentyl isobutyrate	3507
429	S0429	I1457	Hexyl butyrate	2568
430	S0430	I1458	Hexyl 2-methylbutyrate	3499
431	S0431	I1459	cis-3-Hexenyl butyrate (Leaf butyrate)	3402
432	S0432	I1460	3-Hexenyl 2-methylbutanoate	3497
433	S0433	I1461	Heptyl isobutyrate	2550
434	S0434	I1462	Octyl 2-methylbutyrate	3604
435	S0435	I1463	1-Octen-3-yl butyrate	3612
436	S0436	I1464	Benzyl butyrate	2140
437	S0437	I1465	Benzyl isobutyrate	2141
438	S0438	I1466	Phenethyl butyrate	2861
439	S0439	I1467	Phenethyl 2-methylbutyrate	3632
440	S0440	I1468	Phenethyl isobutyrate	2862
441	S0441	I1469	Geranyl butyrate	2512
442	S0442	I1470	Geranyl isobutyrate	2513
443	S0443	I1471	Linalyl butyrate	2639
444	S0444	I1472	Linalyl isobutyrate	2640
445	S0445	I1473	Isobutyl angelate	2180
446	S0446	I1474	Neryl isobutyrate	2775
447	S0447	I1475	Ethyl valerate	2462
448	S0448	I1476	Butyl butyryllactate	2190

449	S0449	I1477	Ethyl isovalerate	2463
450	S0450	I1478	Butyl salicylate	3650
451	S0451	I1479	Butyl isovalerate	2218
452	S0452	I1480	Isoamyl isovalerate	2085
453	S0453	I1481	3-Hexenyl isovalerate	3498
454	S0454	I1482	Nonyl isovalerate	2791
455	S0455	I1483	Phenethyl isovalerate	2871
456	S0456	I1484	Geranyl isovalerate	2518
457	S0457	I1485	Methyl hexanoate	2708
458	S0458	I1486	Methyl 2-hexenoate	2709
459	S0459	I1487	Ethyl hexanoate（Ethyl caproate）	2439
460	S0460	I1488	Ethyl 3-hexenoate	3342
461	S0461	I1489	Ethyl 3-hydroxyhexanoate	3545
462	S0462	I1490	Ethyl *trans*-2-hexenoate	3675
463	S0463	I1491	Propyl hexanoate	2949
464	S0464	I1492	Amyl hexanoate	2074
465	S0465	I1493	Isoamyl hexanoate	2075
466	S0466	I1494	Hexyl hexanoate	2572
467	S0467	I1495	*cis*-3-Hexenyl hexanoate	3403
468	S0468	I1496	Ethyl heptanoate	2437
469	S0469	I1497	Propyl heptanoate	2948
470	S0470	I1498	Butyl heptanoate	2199
471	S0471	I1499	2-Methyl-3-furanthiol	3188
472	S0472	I1500	Methyl caprylate	2728
473	S0473	I1501	Ethyl caprylate	2449
474	S0474	I1502	Ethyl *cis*-4-octenoate	3344
475	S0475	I1503	Ethyl *cis*-4,7-octadienoate	3682
476	S0476	I1504	Isoamyl octanoate	2080
477	S0477	I1505	Nonyl octanoate	2790
478	S0478	I1506	Phenethyl octanoate	3222
479	S0479	I1507	Methyl 2-nonenoate	2725
480	S0480	I1508	Ethyl nonanoate	2447
481	S0481	I1509	Ethyl decanoate	2432
482	S0482	I1510	Ethyl *trans*-2,*cis*-4-decadienoate	3148
483	S0483	I1511	Ethyl laurate	2441
484	S0484	I1512	Methyltetradecanoate (Methtyl myristate)	2722
485	S0485	I1513	Methyl benzoate	2683
486	S0486	I1514	Ethyl benzoate	2422
487	S0487	I1515	Propyl benzoate	2931
488	S0488	I1516	Hexyl benzoate	3691
489	S0489	I1517	Benzyl benzoate	2138
490	S0490	I1518	(Z)-3-Hexenyl benzoate(cis-3-Hexenyl benzoate)	3688
491	S0491	I1519	Methyl anthranilate	2682

492	S0492	I1520	Methyl phenylacetate	2733
493	S0493	I1521	Ethyl phenylacetate	2452
494	S0494	I1522	Isoamyl phenylacetate	2081
495	S0495	I1523	Phenethyl phenylacetate	2866
496	S0496	I1524	Ethyl tiglate	2460
497	S0497	I1525	Benzyl tiglate	3330
498	S0498	I1526	Ethyl lactate	2440
499	S0499	I1527	Butyl lactate	2205
500	S0500	I1528	Methyl cinnamate	2698
501	S0501	I1529	Ethyl cinnamate	2430
502	S0502	I1530	Benzyl cinnamate	2142
503	S0503	I1531	Phenethyl cinnamate	2863
504	S0504	I1532	Cinnamyl cinnamate	2298
505	S0505	I1533	Methyl salicylate	2745
506	S0506	I1534	Ethyl salicylate	2458
507	S0507	I1535	Isoamyl salicylate	2084
508	S0508	I1536	Ethyl myristate	2445
509	S0509	I1537	Ethyl oleate	2450
510	S0510	I1538	Ethyl palmitate	2451
511	S0511	I1539	Methyl dihydrojasmonate	3408
512	S0512	I1540	Ethyl ester of coconut oil mixed acid	-
513	S0513	I1541	Triethyl citrate	3083
514	S0514	I1542	Anisyl formate	2101
515	S0515	I1543	cis-3-Hexenyl formate	3353
516	S0516	I1544	2-Methylbutyl acetate	3644
517	S0517	I1545	3-Phenylpropyl acetate	2890
518	S0518	I1546	Eugenyl acetate	2469
519	S0519	I1547	4,5-Dimethyl-2-isobutyl-3-thiazoline	3621
520	S0520	I1548	Isopulegyl acetate	2965
521	S0521	I1549	1,3,3-Trimethyl-2-norbornanyl acetate	3390
522	S0522	I1550	Methyl propionate	2742
523	S0523	I1551	Ethyl acrylate	2418
524	S0524	I1552	*cis*-3-Hexenyl lactate	3690
525	S0525	I1553	Decyl propionate	2369
526	S0526	I1554	Ethyl *trans*-2-butenoate	3486
527	S0527	I1555	Propyl butyrate	2934
528	S0528	I1556	Isopropyl isobutyrate	2937
529	S0529	I1557	Isopropyl 2-methylbutyrate	3699
530	S0530	I1558	Hexyl isobutyrate	3172
531	S0531	I1559	Heptyl butyrate	2549
532	S0532	I1560	Octyl isobutyrate	2808
533	S0533	I1561	3-Phenylpropyl isobutyrate	2893
534	S0534	I1562	Citronellyl butyrate	2312

535	S0535	I1563	Cinnamyl butyrate	2296
536	S0536	I1564	Methyl isovalerate	2753
537	S0537	I1565	Isobutyl isovalerate	3369
538	S0538	I1566	2-Methylbutyl isovalerate	3506
539	S0539	I1567	Benzyl isovalerate	2152
540	S0540	I1568	2-Pentylpyridine	3383
541	S0541	I1569	Cinnamyl isovalerate	2302
542	S0542	I1570	Menthyl isovalerate	2669
543	S0543	I1571	Methyl 3-hexenoate	3364
544	S0544	I1572	Isobutyl caproate	2202
545	S0545	I1573	Allyl hexanoate	2032
546	S0546	I1574	Linalyl hexanoate	2643
547	S0547	I1575	Methyl 3,7-dimethyl-6-octenoate	3361
548	S0548	I1576	Methyl 3-nonenoate	3710
549	S0549	I1577	Methyl 9-undecenoate	2750
550	S0550	I1578	Ethyl undecanoate	3492
551	S0551	I1579	Isopropyl myristate	3556
552	S0552	I1580	Methyl *N*-methylanthranilate (Dimethyl anthranilate)	2718
553	S0553	I1581	Ethyl anthranilate	2421
554	S0554	I1582	Isoamyl benzoate	2058
555	S0555	I1583	Phenethyl benzoate	2860
556	S0556	I1584	Isobutyl phenylacetate	2210
557	S0557	I1585	Hexyl phenylacetate	3457
558	S0558	I1586	) Ethyl 3-phenylpropionate（Ethyl hydrocinnamate）	2455
559	S0559	I1587	Methyl cyclohexanecarboxylate	3568
560	S0560	I1588	Methyl p-anisate	2679
561	S0561	I1589	Ethyl p-anisate	2420
562	S0562	I1590	Phenethyl salicylate	2868
563	S0563	I1591	Isoamyl laurate	2077
564	S0564	I1592	Methyllinoleate(48%)methyl linolenate(52%)mixture	3411
565	S0565	I1593	Methyl jasmonate	3410
566	S0566	I1594	Benzyl salicylate	2151
567	S0567	I1595	Isobutyl cinnamate	2193
568	S0568	I1596	3-Phenylpropyl cinnamate	2894
569	S0569	I1597	Diethyl tartrate	2378
570	S0570	I1598	Methyl nicotinate	3709
571	S0571	I1599	Phenethyl tiglate	2870
572	S0572	I1600	3-Acetyl-2,5-dimethylthiophene	3527
573	S0573	I1601	3,5,5-Trimethyl-1-hexanol	3324
574	S0574	I1602	Anisyl butyrate	2100
575	S0575	I1603	Bornyl isovalerate	2165
576	S0576	I1604	2,6-Dimethyl-4-heptanol	3140
577	S0577	I1605	Isobutyl benzoate	2185

578	S0578	I1606	Neryl formate	2776
579	S0579	I1607	Methylbenzyl acetate(mixed o-,m-,p-)	3702
580	S0580	I1608	cis-and-trans-p-1,(7)8-Menthadien- 2-yl acetate	3848
581	S0581	I1609	Campholene acetate	3657
582	S0582	I1610	Propyl propionate	2958
583	S0583	I1611	Butyl propionate	2211
584	S0584	I1612	Hexyl propionate	2576
585	S0585	I1613	Ethyl pyruvate	2457
586	S0586	I1614	Octyl butyrate	2807
587	S0587	I1615	n-Propyl isobutyrate	2936
588	S0588	I1616	Isobutyl isobutyrate	2189
589	S0589	I1617	Citronellyl isobutyrate	2313
590	S0590	I1618	(Z)-3-Hexenyl(E)-2-butenoate	3982
591	S0591	I1619	Momo-menthyl succinate	3810
592	S0592	I1620	Pentyl valerate	-
593	S0593	I1621	Octyl isovalerate	2814
594	S0594	I1622	Butyl hexanoate	2201
595	S0595	I1623	Phenethyl hexanoate	3221
596	S0596	I1624	Leaf isobutyrate((*Z*)-3-Hexenyl isobutyrate)	3929
597	S0597	I1625	Hexyl octanoate	2575
598	S0598	I1626	Ethyl 2-octenoate	3643
599	S0599	I1627	Ethyl 2,4,7-decatrienoate	3832
600	S0600	I1628	Linalyl benzoate	2638
601	S0601	I1629	(*Z*)-3-Hexenyl (*E*)-2-methyl2-butenoate	3931
602	S0602	I1630	Isobutyl 2-butenoate	3432
603	S0603	I1631	Hexyl 3-methyl butanoate	3500
604	S0604	I1632	cis-3-Hexenyl cis-3-hexenoate	3689
605	S0605	I1633	Methyl 3-hydroxyhexanoate	3508
606	S0606	I1634	Geranyl benzoate	2511
607	S0607	I1635	Dimethyl succinate	2396
608	S0608	I1636	Ethyl stearate	3490
609	S0609	I1637	Prenyl acetate	4202
610	S0610	I1638	trans-2-Hexenyl hexanoate	3983
611	S0611	I1639	Bornyl formate	2161
612	S0612	I1640	Ethyl (Z)-hept-4-enoate	3975
613	S0613	I1641	Amyl octanoate	2079
614	S0614	I1642	Methyl 4-methylvalerate	2721
615	S0615	I1643	Heliotropin acetate	2912
616	S0616	I1644	Cinnamyl propionate	2301
617	S0617	I1645	Styrallyl isobutyrate	2687
618	S0618	I1646	Dodecyl isobutyrate	3452
619	S0619	I1647	Terpinyl isobutyrate	3050
620	S0620	I1648	Isobutyl salicylate	2213
621	S0621	I1649	Isoamyl cinnamate	2063

622	S0622	I1650	Isobornyl acetate	2160
623	S0623	I1701	γ-Valerolactone	3103
624	S0624	I1702	γ-Hexalactone	2556
625	S0625	I1703	γ-Heptalactone	2539
626	S0626	I1704	γ-Octalactone	2796
627	S0627	I1705	γ-Nonalactone	2781
628	S0628	I1706	γ-Decalactone	2360
629	S0629	I1707	γ-Dodecalactone	2400
630	S0630	I1708	γ-Butyrolactone	3291
631	S0631	I1709	δ-Hexalactone	3167
632	S0632	I1710	δ-Octalactone	3214
633	S0633	I1711	δ-Nonalactone	3356
634	S0634	I1712	δ-Decalactone	2361
635	S0635	I1713	*δ-Undecalactone*	3294
636	S0636	I1714	*δ-Dodecalactone*	2401
637	S0637	I1715	*Pentadecanolide*	2840
638	S0638	I1716	*5-Hydroxy-2-decenoic acid δ-lactone Cocolactone*	3744
639	S0639	I1717	*3-Propylidenephthalide*	2952
640	S0640	I1718	*3-Butylidenephthalide*	3333
641	S0641	I1719	*Mintlactone*	3764
642	S0642	I1720	*δ-Tridecalactone*	-
643	S0643	I1721	*δ-Tetradecalactone*	3590
644	S0644	I1722	*5-Hydroxy-2,4-decadienoic acid lactone 6-Pentyl-α-pyrone*	3696
645	S0645	I1723	*5-Hydroxy-7-decenoic acid lactone (Jasmine lactone)*	3745
646	S0646	I1724	*Whiskey lactone*	3803
647	S0647	I1725	*Dihydroactinidiolide ((+/-)-(2,6,6-Trimethyl-2-hydroxyc yclohexylidene)acetic acid γ-lactone)*	4020
648	S0648	I1726	*Ambrettolide*	2555
649	S0649	I1727	*α-Angelica lactone*	3293
650	S0650	I1728	*γ-Methyldecalactone*	3786
651	S0651	I1731	*β-Caryophyllene*	2252
652	S0652	I1732	*Valencene*	3443
653	S0653	I1733	*Myrcene*	2762
654	S0654	I1734	*d-Limonene*	2633
655	S0655	I1735	*Terpinolene*	3046
656	S0656	I1736	*Ocimene*	3539
657	S0657	I1737	*Camphene*	2229
658	S0658	I1738	*α-Pinene*	2902
659	S0659	I1739	*β-Pinene*	2903
660	S0660	I1740	*1,8-Cineole*	2465

661	S0661	I1741	*1,4-Cineole*	3658
662	S0662	I1742	*Dihydrocoumarin*	2381
663	S0663	I1743	*1,4-Dimethyl-4-acetyl-1-cyclohexene*	3449
664	S0664	I1744	*2-Formyl-6,6-dimethylbicyclo[3.1.1]-hept-2-ene (Myrtenal)*	3395
665	S0665	I1745	Theaspirane（2,6,10,10-Tetramethyl-1-oxaspiro (4,5)-dec-6-ene）	3774
666	S0666	I1746	1,3,5-Undecatriene	3795
667	S0667	I1747	p, *α*-Dimethylstyrene	3144
668	S0668	I1748	*α*-Phellandrene	2856
669	S0669	I1749	Bisabolene	3331
670	S0670	I1750	*γ*-Terpinene	3559
671	S0671	I1751	6-Hydroxydihydrotheaspirane	3549
672	S0672	I1752	1-Methyl-3-methoxy-4-isopropylbenzene	3436
673	S0673	I1753	*m*-Dimethoxybenzene	2385
674	S0674	I1754	*p*-Cymene	2356
675	S0675	I1755	3,4-Dimethylphenol	3596
676	S0676	I1756	1-Methylnaphthalene	3193
677	S0677	I1757	1,2-Dimethoxybenzene	3799
678	S0678	I1758	*α*-Farnesene	3839
679	S0679	I1759	Styrene	3233
680	S0680	I1760	*α*-Terpinene	3558
681	S0681	I1761	3-Carene	3821
682	S0682	I1762	Polylimonene	-
683	S0683	I1763	Lenthionine	-
684	S0684	I1764	Caryophyllene oxide	4085
685	S0685	I1765	paraldehyde	4010
686	S0686	I1781	Methyl mercaptan	2716
687	S0687	I1782	3-(Methylthio)propanol	3415
688	S0688	I1783	1-Butanethiol	3478
689	S0689	I1784	2-Methyl-1-butanethiol	3303
690	S0690	I1785	3-(Methylthio)-1-hexanol	3438
691	S0691	I1786	1,6-Hexanedithiol	3495
692	S0692	I1787	Furfuryl mercaptan	2493
693	S0693	I1788	Dimethyl sulfide	2746
694	S0694	I1789	Dimethyl disulfide	3536
695	S0695	I1790	Dimethyl trisulfide	3275
696	S0696	I1791	Dibutyl sulfide	2215
697	S0697	I1792	2,2'-(Thiodimethylene)-difuran 2-Furfuryl monosufide Bis(2-furfuryl)sulfide	3238

			Difurfuryl sulphide	
698	S0698	I1793	Difurfuryl disulphide	3146
699	S0699	I1794	*o*-(Methylthio)-phenol	3210
700	S0700	I1795	3-(Methylthio)propionaldehyde	2747
701	S0701	I1796	*p*-Mentha-8-thiol-3-one	3177
702	S0702	I1797	Furfuryl thioacetate	3162
703	S0703	I1798	Methyl 3-methylthiopropionate	2720
704	S0704	I1799	Ethyl 3-methylthiopropionate	3343
705	S0705	I1800	Indole	2593
706	S0706	I1801	Trimethylamine	3241
707	S0707	I1802	Rose oxide	3236
708	S0708	I1803	Hydroxycitronellol	2586
709	S0709	I1804	3,5-Dimethyl-1,2,4-trithiolane	3541
710	S0710	I1805	2-Methylpyrazine	3309
711	S0711	I1806	2,3-Dimethylpyrazine	3271
712	S0712	I1807	2,5-Dimethylpyrazine	3272
713	S0713	I1808	2,3,5-Trimethylpyrazine	3244
714	S0714	I1809	*p*-Tolylacetaldehyde	3071
715	S0715	I1810	2,6,6-Trimethyl-1 or 2-cyclohexen-1-carboxaldehyde	3639
716	S0716	I1811	2-Isobutyl 3-methylpyrazine	3133
717	S0717	I1812	2-Methoxy-3-sec-butylpyrazine	3433
718	S0718	I1813	2,3-Diethylpyrazine	3136
719	S0719	I1814	3-Ethyl-2,6-dimethylpyrazine	3150
720	S0720	I1815	Acetylpyrazine	3126
721	S0721	I1816	2-Acetyl-3-ethylpyrazine	3250
722	S0722	I1817	2,3-Diethyl-5-methylpyrazine	3336
723	S0723	I1818	5-Isopropyl-2-methylpyrazine	3554
724	S0724	I1819	2,6-Dimethylpyridine	3540
725	S0725	I1820	4-Methylthiazole	3716
726	S0726	I1821	α-Methylcinnamaldehyde	2697
727	S0727	I1822	5-Hydroxyethyl-4-methylthiazole	3204
728	S0728	I1823	2,4,5-Trimethylthiazole	3325
729	S0729	I1824	2-Ethyl-4-methylthiazole	3680
730	S0730	I1825	4-Methyl-5-vinylthiazole	3313
731	S0731	I1826	2-Actylthiazole	3328
732	S0732	I1827	2-Isopropyl-4-methylthiazole	3555
733	S0733	I1828	2-Isobutylthiazole	3134
734	S0734	I1829	Benzothiazole	3256
735	S0735	I1830	*N*-Furfuryl pyrrole	3284
736	S0736	I1831	2-Acetylpyrrole	3202
737	S0737	I1832	5,6,7,8-Tetrahydroquinoxaline	3321
738	S0738	I1833	2,4,5-Trimethyl-δ-3-oxazoline	3525

739	S0739	I1834	2-Methyl-4-propyl-1,3-oxathiane	3578
740	S0740	I1835	Pyridine	2966
741	S0741	I1836	Propyl disulfide	3228
742	S0742	I1837	2-Pentanethiol	3792
743	S0743	I1838	o-Toluenethiol	3240
744	S0744	I1839	Benzyl mercaptan	2147
745	S0745	I1840	1-p-Menthene-8-thiol	3700
746	S0746	I1841	Methyl propyl disulfide	3201
747	S0747	I1842	Methyl benzyl disulfide	3504
748	S0748	I1843	Methyl furfuryl disulfide	3362
749	S0749	I1844	Allyl disulfide	2028
750	S0750	I1845	Bis(2-methyl-3-furyl)disulfide	3259
751	S0751	I1846	Furfuryl methyl sulfide	3160
752	S0752	I1847	2,6-Dimethylthiophenol	3666
753	S0753	I1848	2-Methyl-3(2-furyl)acrolein	2704
754	S0754	I1849	2-Methyltetrahydrothiophen-3-one	3512
755	S0755	I1850	2-Methyl-5-(methylthio)furan	3366
756	S0756	I1851	2-Hydroxy-3,5,5-trimethyl-2-cyclohexenone	3459
757	S0757	I1852	Methyl 2-furoate	2703
758	S0758	I1853	Ethyl thioacetate	3282
759	S0759	I1854	Propyl thioacetate	3385
760	S0760	I1855	Ethyl 3-mercaptopropionate	3677
761	S0761	I1856	Methyl thiobutyrate	3310
762	S0762	I1857	Allyl isothiocyanate	2034
763	S0763	I1858	Methyl 2-thiofuroate	3311
764	S0764	I1859	3-Methyl-1,2,4-trithiane	3718
765	S0765	I1860	2,3,5,6-Tetramethylpyrazine	3237
766	S0766	I1861	2-Ethylpyrazine	3281
767	S0767	I1862	2-Ethyl-3(5or6)-dimethylpyrazine	3149
768	S0768	I1863	2-Methoxy-3-isobutyl pyrazine	3132
769	S0769	I1864	1-Methyl-2-acetylpyrrole	3184
770	S0770	I1865	1-Ethyl-2-acetylpyrrole	3147
771	S0771	I1866	Quinoline	3470
772	S0772	I1867	6-Methylquinoline	2744
773	S0773	I1868	5-Methylquinoxaline	3203
774	S0774	I1869	Piperidine	2908
775	S0775	I1870	β-Methylindole	3019
776	S0776	I1871	5-Ethyl-2-methylpyridine	3546
777	S0777	I1872	3-Ethylpyridine	3394
778	S0778	I1873	2-Acetylpyridine	3251
779	S0779	I1874	3-Acetylpyridine	3424
780	S0780	I1875	Cinnamyl formate	2299
781	S0781	I1876	Isopentylamine	3219

782	S0782	I1877	Phenethylamine	3220
783	S0783	I1878	2-Methyl-1,3-dithiolane	3705
784	S0784	I1879	6-Acetoxydihydrotheaspirane	3651
785	S0785	I1880	4,5-Dimethyl thiazole	3274
786	S0786	I1881	3-Mercaptohexanol	3850
787	S0787	I1882	Trithioacetone	3475
788	S0788	I1883	2,6-Dimethylpyrazine	3273
789	S0789	I1884	Ethyl 2-(methylthio)acetate	3835
790	S0790	I1885	3-Mercaptohexyl acetate	3851
791	S0791	I1886	Ethyl 2-(methyldithio)propionate	3834
792	S0792	I1887	Ethyl 3-(methylthio)butyrate	3836
793	S0793	I1888	3-Mercaptohexyl butyrate	3852
794	S0794	I1889	3-Mercaptohexyl hexanoate	3853
795	S0795	I1890	Furfuryl alcohol	2491
796	S0796	I1891	Tetrahydro furfuryl alcohol	3056
797	S0797	I1892	Taurine (2-Aminoethylsulfonic Acid)	3813
798	S0798	I1893	2-Ethyl-3-Methylpyrazine	3155
799	S0799	I1894	3-Methyl-2-butanethiol	3304
800	S0800	I1895	2-Methyl-3-tetrahydrofuranthiol	3787
801	S0801	I1896	Propanethiol	3521
802	S0782	I1897	1,3-Propanedithiol	3588
803	S0803	I1898	Allyl mercaptan(2-propene-1-thiol)	2035
804	S0804	I1899	4-Methoxy-2-methyl-2-butanethiol	3785
805	S0805	I1900	2-Phenylethyl mercaptan	3894
806	S0806	I1901	3-Mercapto-3-methyl-1-butanol	3854
807	S0807	I1902	Methyl 2-methyl-3-furyl disufide	3573
808	S0808	I1903	Methyl ethyl sulfide	3860
809	S0809	I1904	Methyl phenyl disulfide	3872
810	S0810	I1905	Diethyl sulfide	3825
811	S0811	I1906	Dipropyl trisulfide	3276
812	S0812	I1907	Propenyl propyl disulfide	3227
813	S0813	I1908	Allyl sulfide	2042
814	S0814	I1909	Diallyl trisulfide	3265
815	S0815	I1910	Diallyl tetrasulfide (Diallyl polysulfide)	3533
816	S0816	I1911	2-(Methylthio)methyl-2-butenal	3601
817	S0817	I1912	3-Methylthio hexanal	3877
818	S0818	I1913	Cyclohexyl acetate	2349
819	S0819	I1914	o-Amino acetophenone	3906
820	S0820	I1915	2-Methyl-3-(methylthio)furan	3949
821	S0821	I1916	3-Mercapto-3-methyl-butyl formate	3855
822	S0822	I1917	3-(Methylthio)propyl acetate	3883
823	S0823	I1918	S-Methyl 3-methylbutanethioate	3864
824	S0824	I1919	Methyl methanethiosulfonate	-

825	S0825	I1920	Methyl 2-methythio butyrate	3708
826	S0826	I1921	3-(Methylthio)-1-hexyl acetate	3789
827	S0827	I1922	S-methyl thioacetate	3876
828	S0828	I1923	(5H)-5-Methyl-6,7-dihydro-cyclopenta(b)pyrazine	3306
829	S0829	I1924	2-Methoxypyrazine	3302
830	S0830	I1925	2-,5 or 6-Methoxy-3-methyl-pyrazine	3183
831	S0831	I1926	2-Acetyl-3,5(or6)dimethyl pyrazine	3327
832	S0832	I1927	2-Acetyl 3-methyl pyrazine	3964
833	S0833	I1928	Pyrrolidine	3523
834	S0834	I1929	2-Isobutyl pyridine	3370
835	S0835	I1930	2-Ethyl-4,5-dimethyloxazole	3672
836	S0836	I1931	Ammonium sulfide	2053
837	S0837	I1932	Ethyl 2-mercaptopropionate	3279
838	S0838	I1933	N-(4-Hydroxy-3-methoxybenzyl)-nonanamide	2787
839	S0839	I1934	1,4-Dithiane	3831
840	S0840	I1935	Myrtenol	3439
841	S0841	I1936	Piperine	2909
842	S0842	I1937	2,3-Dimethylbenzofuran	3535
843	S0843	I1938	4-Hydroxy-5-methyl-3-(2H)-furanone	3635
844	S0844	I1939	γ-Ionone	3175
845	S0845	I1940	Dihydro-Alpha-ionone	3628
846	S0846	I1941	d-Piperitone(p-menth-1-en-3-one)	2910
847	S0847	I1942	Piperitenone(p-Mentha-1,4(8)-dien-3-one)	3560
848	S0848	I1943	l-Aspartic acid	3656
849	S0849	I1944	d,l-Isoleucine	3295
850	S0850	I1945	Pyroligneous acid extract	2968
851	S0851	I1946	Sodium acetate	3024
852	S0852	I1947	Sodium diacetate	3900
853	S0853	I1948	Disodium succinate	3277
854	S0854	I1949	Disodium 5-guanylate	3668
855	S0855	I1950	Disodium 5-inosinate	3669
856	S0856	I1951	Tricalcium phosphate	3081
857	S0857	I1952	*δ*-Hexadecalactone	-
858	S0858	I1953	(+/-)Dihydromintlactone	4032
859	S0859	I1954	(*Z*)-4-Dodecenal	4036
860	S0860	I1955	4,5-Epoxy *trans*-2-decenal	4037
861	S0861	I1956	2-Ethyl-5-methylpyrazine	3154
862	S0862	I1957	cis-3-cis-6-Nonadien-1-ol	3885
863	S0863	I1958	2-Methyl-1- butanol	3998
864	S0864	I1959	Isoborneol	2158
865	S0865	I1960	2-Nonanol	3315
866	S0866	I1961	(E)-2-Octen-1-ol(trans-2-Octen-1-ol)	3887

867	S0867	I1962	Carveol	2247
868	S0868	I1963	*p*-Menthan-2-one	3176
869	S0869	I1964	4-Methyl-3-penten-2-one	3368
870	S0870	I1965	*trans*,*trans*-3,5-Octadien-2-one	4008
871	S0871	I1966	2-Methyl furan	4179
872	S0872	I1967	3-Decen-2-one	3532
873	S0873	I1968	2-Octen-4-one	3603
874	S0874	I1970	(2-Furyl)-2-propanone	2496
875	S0875	I1972	5-Methyl-2,3-hexanedione	3190
876	S0876	I1973	2-Methyl-3-pentenoic acid	3464
877	S0877	I1974	L-Tyrosine	3736
878	S0878	I1975	2-Oxopentanedioic acid	3891
879	S0879	I1976	4-Anisic acid	3945
880	S0880	I1977	Linoleic acid	3380
881	S0881	I1978	Glycyrrhizic acid	-
882	S0882	I1979	L-Cystine	-
883	S0883	I1980	L-Methionine	-
884	S0884	I1981	L-Glutamine	3684
885	S0885	I1982	2-Propanethiol	3897
886	S0886	I1983	4-Mercapto-4-methyl-2-pentanone	3997
887	S0887	I1984	1,2-Ethanedithiol	3484
888	S0888	I1985	Prenyl mercaptan	3896
889	S0889	I1986	d,l-(3-Amino-3-carboxypropyl)dimethylsulfonium chloride	3445
890	S0890	I1987	2-Methyl-3-thioacetoxy-4,5-dihydrofuran	3636
891	S0891	I1988	Isobutyl mercaptan	I1988
892	S0892	I1989	Benzenethiol	I1989
893	S0893	I1990	Benzyl isothiocyanate	I1990
894	S0894	I1991	Allyl methyl trisulfide	I1991
895	S0895	I1992	2-Pentyl thiophene	I1992
896	S0896	I1993	3,5-Diethyl-1,2,4-trithiolane	I1993
897	S0897	I1994	Thiophene	I1994
898	S0898	I1995	2,4,6-Trimethyldihydro-4H-1,3,5-di thiazine	I1995
899	S0899	I1996	3-Methylthiopropyl isothiocyanate	3312
900	S0900	I1997	3-Methylbutanethiol	3858
901	S0901	I1998	2-Acetyl-2-thiazoline	3817
902	S0902	I1999	Methyl propyl trisulfide	3308
903	S0903	I2000	Thiazole	3615
904	S0904	I2001	Pyrazine	4015
905	S0905	I2002	Methyl 1-propenyl disulfide	3576
906	S0906	I2003	Propyl formate	2943
907	S0907	I2004	Vanlillin 3-(L-menthoxy)propane-1,2-diol acetal	3904

908	S0908	I2005	3-Penten-2-one	3417
909	S0909	I2006	Methyl laurate	2715
910	S0910	I2007	Perillyl acetate(p-Mentha-1,8-dien-7-yl acetate)	3561
911	S0911	I2008	Diethyl malate	2374
912	S0912	I2009	Methyl (methylthio) acetate	4003
913	S0913	I2010	2-Acetyl-1-pyrroline	4249
914	S0914	I2011	Isopropyl formate	2944
915	S0915	I2012	4-Methyl-2-pentenal	3510
916	S0916	I2013	Ethyl linoleate	—
917	S0917	I2014	2,4,6-Triisobutyl-5,6-dihydro-4H-1,3,5-dithiazine	4017
918	S0918	I2015	Dodecyl acetate	2616
919	S0919	I2016	2-Ethyl butyraldehyde	2426
920	S0920	I2017	Octyl caprylate	2811
921	S0921	I2018	Hexanal diethyl acetal	—
922	S0922	I2019	Isopropyl propionate	2959
923	S0923	I2020	trans-2-Hexenyl butyrate	3926
924	S0924	I2021	Butyl Isothiocyanate	4082
925	S0925	I2022	N-Gluconyl ethanolamine	4254
926	S0926	I2023	N-Lactoyl ethanolamine	4256
927	S0927	I2024	1-Hepten-3-ol	4129
928	S0928	I2025	Ethanethiol	—
929	S0929	I2026	Sodium hexameta phosphate	3027
930	S0930	I2027	L-Bornyl acetate	4080
931	S0931	I2028	trans-α-Damascone	4088
932	S0932	I2029	Diethyl disulfide	4093
933	S0933	I2030	2,5-Dimethyl-3(2H)furanone	4101
934	S0934	I2031	Geranic acid	4121
935	S0935	I2032	1-(3-Hydroxy-5-methyl-2-thienyl)ethanone	4142
936	S0936	I2033	Isoambrettolide	4145
937	S0937	I2034	Isobornyl isobutyrate	4146
938	S0938	I2035	Isobutyl N-methylanthranilate	4149
939	S0939	I2036	Methionyl butyrate	4160
940	S0940	I2037	(S1)-Methoxy-3-heptanethiol	4162
941	S0941	I2038	Methyl 5-Z-octenoate	4165
942	S0942	I2039	Methyl N-acetylanthranilate	4170
943	S0943	I2040	3-Methyl-2-(3-methylbut-2-enyl)furan	4174
944	S0944	I2041	Phytyl acetate	4197
945	S0945	I2042	3,7,11-Trimethyldodeca-2,6,10-trienyl acetate	4213
946	S0946	I2043	Triethylamine	4246
947	S0947	I2044	Anisyl propionate	2102
948	S0948	I2045	Butan-3-one-2-yl butanoate	3332
949	S0949	I2046	Isoquinoline	2978

950	S0950	I2047	2-Propionylthiazole	3611
951	S0951	I2048	2(4)-Isopropyl-4(2),6-dimethyldihy dro(4H)-1,3,5-dithiazine	3782
952	S0952	I2049	Terpinyl butyrate	3049
953	S0953	I2050	3-n-Butylphthalide	3334
954	S0954	I2051	2,2-Dimethyl-5-(1-methylpropen-1-yl) Tetrahydrofuran	3665
955	S0955	I2052	2-Cyclohexen-1-one,3-methyl-6-(1-methylethyl)-,(6R)-	4200
956	S0956	I2053	3-Methyl-2-buten-1-ol	3647
957	S0957	I2054	1-p-Menthen-9-yl acetate	3566
958	S0958	I2055	2-Octen-1-yl acetate	3516
959	S0959	I2056	1-(p-Methoxyphenyl)-2-propanone	2674
960	S0960	I2057	Butyl stearate	2214
961	S0961	I2058	(+/-)-1-Phenylethylmercaptan	4061
962	S0962	I2059	4-Isopropyl-2-cyclohexenone	3939
963	S0963	I2060	Methyl o-methoxybenzoate	2717
964	S0964	I2061	Pyruvaldehyde	2969
965	S0965	I2062	Methyl ethyl trisulfide	3861
966	S0966	I2063	2-Methyl-2-(methyldithio)propanal	3866
967	S0967	I2064	Bis-(Methylthio)methane	3878
968	S0968	I2065	2,3,5-Trithiahexane	4021
969	S0969	I2066	4-Ethyl octanoic acid	3800
970	S0970	I2067	Dihydronootkatone	3776
971	S0971	I2068	1-Ethoxy-3-methyl-2-butene	3777
972	S0972	I2069	2-Ethenyl-2-methyl-5-(1-methylethenyl)-tetrahydrofuran	3759
973	S0973	I2070	Furfuryl isovalerate	3283
974	S0974	I2071	Linalyl isovalerate	2646
975	S0975	I2072	3-Methyl-2-butanol	3703
976	S0976	I2073	3-Methyl-1-pentanol	3762
977	S0977	I2074	4-Methyl-2-pentanone	2731
978	S0978	I2075	trans-3-cis-6-Nonadienol	3884
979	S0979	I2076	Methyl heptanoate	2705
980	S0980	I2077	(Z)-3-Hexenyl propionate	3933
981	S0981	I2078	Ethyl trans-2-decenoate	3641
982	S0982	I2079	2-Ethyl phenol	——
983	S0983	I2080	Thiamine hydrochloride	3322
984	S0984	I2081	N-Methyl pyrrol -2-carboxaldehyde	——
985	S0985	I2082	Vanillin acetate	3108
986	S0986	I2083	l-Histidine	3694
987	S0987	I2084	δ-Damascone	3622
988	S0988	I2085	Ethyl 2-methylpentanoate	3488

989	S0989	I2086	4-Methylthio-2-butanone	3375
990	S0990	I2087	*l*-Menthyl lactate	3748
991	S0991	I2088	Methyl3-methyl-1-butenyl disulfide	3865
992	S0992	I2089	1-Mercapto-2-propanone	3856
993	S0993	I2090	Pentyl acetate	——
994	S0994	I2091	Pulegone	2963
995	S0995	I2092	1-Phenylpropan-1-ol	2884
996	S0996	I2093	4-Phenyl-2-butanol	2879
997	S0997	I2094	Heptan-3-ol	3547
998	S0998	I2095	Methyl 3-acetoxy hexanoate	——
999	S0999	I2096	p-Menth-1-en-3-ol	3179
1000	S1000	I2097	4-Thujanol	3239
1001	S1001	I2098	cis-3-Hexenyl pyrovate	3934
1002	S1002	I2099	Biphenyl	3129
1003	S1003	I2100	(Z)-4-Hydroxy-6-dodecenoic acid lactone	3780
1004	S1004	I2101	Methylsulfinylmethane	3875
1005	S1005	I2102	Methyl 3,7-dimethyl-2,6-octadienoate(meth yl geranate)	——
1006	S1006	I2103	(E)and(z)-4,8-Dimethyl-3,7-nonadien-2-one	3969
1007	S1007	I2104	Isopentylidene isopentylamine	3990
1008	S1008	I2105	Isoamyl valerate	——
1009	S1009	I2106	trans-2-Hexenyl propionate 2-Hexen-1-ol,propanoate,(E)	3932
1010	S1010	I2107	Hydrogen sulfide	3779
1011	S1011	I2108	Methyl valerate	2752
1012	S1012	I2109	Isopropyl butyrate	2935
1013	S1013	I2110	Allyl methyl disulfide	3127
1014	S1014	I2111	3-Nonanone	3440
1015	S1015	I2112	Benzyl disulfide	3617
1016	S1016	I2113	cis-3-Hexenyl phenyl acetate	3633
1017	S1017	I2114	3-Acetylmercaptohexyl acetate(passifloran)	3816
1018	S1018	I2115	S-Methyl hexanethioate(methyl thiohexanoate)	3862
1019	S1019	I2116	(E)-2-Butenoic acid	3908
1020	S1020	I2117	(Z)-3-Hexenyl valerate	3936
1021	S1021	I2118	Benzyl hexanoate	4026
1022	S1022	I2119	Allyl propyl disulfide	4073
1023	S1023	I2120	2,8-Epithio-cis-p-menthane 4,7,7-Trimethyl-6-thiabicyclo[3.2.1]octane Thiocineole	4108
1024	S1024	I2121	Methyl decanoate	——
1025	S1025	I2122	Isobutyl formate	2197
1026	S1026	I2123	4-Heptanone	2546
1027	S1027	I2124	Butyl valerate	2217

1028	S1028	I2125	Cyclohexyl butyrate	2351
1029	S1029	I2126	Ethyl sorbate(Ethyl2,4-hexadiencate)	2459
1030	S1030	I2127	Glyceryl monooleate	2526
1030	S1030	I2128	5-Hydroxy-4-octanone	2587
1031	S1031	I2129	Methyl nonanoate	2724
1032	S1032	I2130	Neryl propionate	2777
1033	S1033	I2131	Propyl cinnamate	2938
1034	S1034	I2132	Rhodinyl butyrate	2982
1035	S1035	I2133	Rhodinyl isobutyrate	2983
1036	S1036	I2134	Terpinyl propionate	3053
1037	S1037	I2135	Furfuryl propionate	3346
1038	S1038	I2136	Furfuryl pentanoate	3397
1039	S1039	I2137	Isojasmone	3552
1040	S1040	I2138	Benzyl methyl sulfide	3597
1041	S1041	I2139	3-Methyl-2-butenal	3646
1042	S1042	I2140	Propyl 2,4-decadienoate	3648
1043	S1043	I2126	Ethyl sorbate(Ethyl2,4-hexadiencate)	2459
1044	S1044	I2141	Hexyl trans-2-hexenoate	3692
1045	S1045	I2142	4-Allyl-2,6-dimethoxyphenol	3655
1046	S1046	I2143	Methyl 2-hydroxy-4-methylpentanoate	3706
1047	S1047	I2144	Methyl trans-2-octenoate	3712
1048	S1048	I2145	2,2,6-Trimethyl-6-vinyltetrahydrop yran	3735
1049	S1049	I2146	Sclareolide(Decahydro-3a,6,6,9a-tet ramethylnaphtho(2,1b)furan-2(1H)-one)	3794
1050	S1050	I2147	S-Methyl benzothioate	3857
1051	S1051	I2148	(Z)-3-Hexenyl(E)-2-hexenoate	3928
1052	S1052	I2149	2-Mercaptoanisole	4159
1053	S1053	I2150	Vanillin erythro and threo-butan-2,3-diol acetal	4023
1054	S1054	I2151	(E)-6-Methyl-3-hepten-2-one	4001
1055	S1055	I2152	(±)-Ethyl 3-mercaptobutyrate	3977
1056	S1056	I2153	3-Mercapto-2-methylpentan-1-ol	3996
1057	S1057	I2154	Acetaldehyde diisoamyl acetal	4024
1058	S1058	I2155	(+/-)-2-Phenyl-4-methyl-2-hexenal	4194
1059	S1059	I2156	2-Heptanethiol	4128
1060	S1060	I2157	2-(2-Hydroxy-4-methyl-3-cyclohex enyl)-propionic acidγ-lactone (Wine Lactone)	4140
1061	S1061	I2158	1-Menthyl methyl ether (2-Isopropyl-5-methylcyclohexyl methyl ehter)	4054
1062	S1062	I2159	Isopropyl hexanoate	2950
1063	S1063	I2160	2,4-Hexadien-1-ol	3922
1064	S1064	I2161	Methyl hexadecanoate	——
1065	S1065	I2162	5-Methyl-2-thiophenecarboxaldehy de	3209

1066	S1066	I2163	4-Methyl-2,6-dimethoxyphenol	3704
1067	S01067	I2164	p-Methoxycinnamaldehyde	3567
1068	S1068	I2165	2,4,5-Trimethyloxazole	——
1069	S1069	I2166	Benzaldehyde diethyl acetal	——
1070	S1070	I2167	d-Neo-Menthol	2666
1071	S1071	I2168	2-Nonenoic acid gamma-lactone	4188
1072	S1072	I2169	Ethyl trans-4-decenoate	3642
1073	S1073	I2170	Tuberose Lactone {Dihydro-5-[(Z,Z)-octa-2,5-dienyl]-2(3H)-furanone}	4067
1074	S1074	I2171	4-Methyl-2-pentyl-1,3-dioxolane	3630
1075	S1075	I2172	3-Mercaptoheptyl acetate	4289
1076	S1076	I2173	Methyl cellulose	2696
1077	S1077	I2174	phytol(3,7,11,15-Tetramethyl-2-hex adecen-1-ol)	4196
1078	S1078	I2175	Isovaleraldehyde diethyl acetal	4371
1079	S1079	I2176	3-Butenyl isothiocyanate	4418
1080	S1080	I2177	4-Pentenyl isothiocyanate	4427
1081	S1081	I2178	5-Hexenyl isothiocyanate	4421
1082	S1082	I2179	cis-9-Octadecenyl acetate Oleyl acetate	4359
1083	S1083	I2180	Furfuryl methyl ether	3159
1084	S1084	I2181	3-Hexanone	3290
1085	S1085	I2182	2-Butyl isothiocyanate	4419
1086	S1086	I2183	Isobutyl isothiocyanate	4424
1087	S1087	I2184	6-(Methylthio)hexyl isothiocyanate	4415
1088	S1088	I2185	5-(Methylthio)pentyl isothiocyanate	4416
1089	S1089	I2186	Amyl isothiocyanate	4417
1090	S1090	I2187	Isopropyl isothiocyanate	4425
1091	S1091	I2188	Isoamyl isothiocyanate	4423
1092	S1092	I2190	2,5-Dimethylfuran	4106
1093	S1093	I2191	Cycloionone	3822
1094	S1094	I2192	2-Isobutyl-4-methyl-1,3-dioxolane	4286
1095	S1095	I2193	Cis-and trans-2-Isopropyl-4-methyl-1,3-dio xolane	4287
1096	S1096	I2194	4-Aminobutyric acid(Gamma-Aminobutyric acid)	4288
1097	S1097	I2195	N-[2-(3,4-Dimethoxyphenyl) l]-3,4-dimethoxycinnamic acid amide	4310
1098	S1098	I2196	Di-(1-propenyl)-sulfide(mixture of isomers)	4386
1099	S1099	I2197	2-Pentyl acetate	4012
1100	S1100	I2198	Ethylamine	4236
1101	S1101	I2199	2,8-Dithianon-4-en-4-carboxaldehy de	3483

			;5 -(Methylthio)-2-(methylthiomethyl)-2-pentenal Methialdol	
1102	S1102	I2200	1-Buten-1-yl methyl sulfide	3820
1103	S1103	I2201	Diisopropyl disulfide	3827
1104	S1104	I2202	(E)-2-Decenoic acid	3913
1105	S1105	I2203	L-Limonene	——
1106	S1106	I2204	1-Hexanethiol	3842
1107	S1107	I2205	2-Decanone	4271
1108	S1108	I2206	Difurfuryl ether	3337
1109	S1109	I2207	Ethyl vanillin isobutyrate	3837
1110	S1110	I2208	8-Ocimenyl acetate	3886
1111	S1111	I2209 ()	Butylamine	3130
1112	S1112	I2210	1-Amino-2-propanol	3965
1113	S1113	I2211	(E)-1,5-Octadien-3-one	4405
1114	S1114	I2212	2,5-dimethyl-4-ethoxy-3(2H)furanone	4104
1115	S1115	I2213	2-trans-4-cis-7-cis-Tridecatrienal	3638
1116	S1116	I2214	Methyl (E)-2-(Z)-4- decadienoate	3859
1117	S1117	I2215	2-(4-Methyl-2-hydroxyphenyl)propionic acid-γ-lactone	3863
1118	S1118	I2216	(Z)-5-Octenyl propionate	3890
1119	S1119	I2217	3-Methyl-2-butenyl thioacetate;(Prenyl thioacetate)	3895
1120	S1120	I2218	1-Pyrroline	3898
1121	S1121	I2219	2,3,4-Trimethyl-3-pentanol	3903
1122	S1122	I2220	Diisopropyl trisulfide	3968
1123	S1123	I2221	2-Propionyl-1-pyrroline	4063
1124	S1124	I2222	Mixture of 3,6-Diethyl-1,2,4,5-tetra thiane and 3,5-diethyl-1,2,4-trithiolane	4094
1125	S1125	I2223	2,5-Dihydroxy-1,4-dithiane	3826
1126	S1126	I2224	3-Hexenal (trans/cis mix)	3923
1127	S1127	I2225	4-Hydroxy-3,5-dimethoxybenzaldehyde	4049
1128	S1128	I2226	2-Undecen-1-ol	4068
1129	S1129	I2227	2-(4-hydroxyphenyl)ethylamine;(Tyramine)	4215
1130	S1130	I2228	4-[(2-Furanmethyl)thio]-2-pentanone; (4-Furfurylthio-2-pentanone)	3840
1131	S1131	I2229	Methylthiomethyl hexanoate	3880
1132	S1132	I2230	2,6-Dimethyl-4-heptanone; Diisobutyl ketone	3537
1133	S1133	I2231	d-carvone	2249
1134	S1134	I2232	trans-3-hexenol	4356
1135	S1135	I2233	terpinyl formate	3052
1136	S1136	I2234	dehydronootkatone	4091
1137	S1137	I2235	geranyl hexanoate	2515

1138	S1138	I2236	3-methyl hexanal	4261
1139	S1139	I2237	(E,E)-2,4-nonadiene	4292
1140	S1140	I2238	1-octene	4293
1141	S1141	I2239	2-methyl acetophenone	4316
1142	S1142	I2240	1-ethyl-2-formylpyrrole(tea pyrrole)	4317
1143	S1143	I2241	2-(4-methyl-5-thiazolyl)ethyl octanoate	4280
1144	S1144	I2242	2-ethyl-6-methylpyrazine	3919
1145	S1145	I2243	p-propylphenol	3649
1146	S1146	I2244	3,5-diethyl-2-methylpyrazine	3916
1147	S1147	I2245	verbenone	4216
1148	S1148	I2246	4-pentenal	4262
1149	S1149	I2247	ethyl acetoacetate propylene glycol ketal	4294
1150	S1150	I2248	methyl sorbate	3714
1151	S1151	I2249	2,5-diethyl tetrahydrofurane	3743
1152	S1152	I2250	dehydromenthofurolactone	3755
1153	S1153	I2251	myrtenyl acetate	3765
1154	S1154	I2252	2-(4-methyl-5-thiazolyl)ethyl hexanoate	4279
1155	S1155	I2253	2-(4-methyl-5-thiazolyl)ethyl butyrate	4277
1156	S1156	I2254	pyrrole	3386
1157	S1157	I2255	S-allyl-L-cysteine	4322
1158	S1158	A3001	2-Mercapto-3-butanol	3502
1159	S1159	A3002	Thiogeraniol	3472
1160	S1160	A3003	Pinanyl mercaptan	3503
1161	S1161	A3004	α-Methyl-β-hydroxypropyl α-methyl-β-mercaptopropyl sulfide	3509
1162	S1162	A3005	Ethyl maltol	3487
1163	S1163	A3006	Citral diethyl acetal	2304
1164	S1164	A3007	Propenylguaethol	2922
1165	S1165	A3009	Methyl-β-ionone	2712
1166	S1166	A3010	Methyl-δ-ionone	2713
1167	S1167	A3011	2,6-Nonadienal diethyl acetal	3378
1168	S1168	A3012	9-Undecenal	3094
1169	S1169	A3013	10-Undecenal	3095
1170	S1170	A3014	Aldehyde C-16 pure (so called) (Strawberry aldehyde)	2444
1171	S1171	A3015	Ethyl vanillin	2464
1172	S1172	A3016	Cyclamen aldehyde	2743
1173	S1173	A3017	Hydroxycitronellal	2583
1174	S1174	A3018	β-Homocyclocitral	3474
1175	S1175	A3019	*l*-Menthone 1,2-glycerol Ketal	3807
1176	S1176	A3020	4-(Methylthio)-4-methyl-2-pentanone	3376

1177	S1177	A3021	3-Mercapto-2-pentanone	3300
1178	S1178	A3022	*d*,*l*-Menthone1,2-glycerol Ketal	3808
1179	S1179	A3023	Methyl-*α*-ionone	2711
1180	S1180	A3024	*α*-*iso*-Methylionone	-
1181	S1181	A3025	Allyl *α*-ionone	2033
1182	S1182	A3026	6-Methylcoumarin	2699
1183	S1183	A3027	2-Mercaptopropionic acid	3180
1184	S1184	A3028	2-Methyl-4-pentenoic acid	3511
1185	S1185	A3029	Benzyl dimethyl carbinyl acetate	2392
1186	S1186	A3030	Allyl cyclohexaneacetate	2023
1187	S1187	A3031	Rhodinyl acetate	2981
1188	S1188	A3032	Ethyl 3(2-furyl)propanoate	2435
1189	S1189	A3033	Allyl propionate	2040
1190	S1190	A3034	Allyl 3-cyclohexylpropionate	2026
1191	S1191	A3035	Isobutyl 3-(2-furan)propionate	2198
1192	S1192	A3036	Furfuryl thiopropionate	3347
1193	S1193	A3037	Dimethyl benzyl carbinyl butyrate	2394
1194	S1194	A3038	Allyl cyclohexanebutyrate	2024
1195	S1195	A3039	1,3-Nonanediol acetate(mixed esters)	2783
1196	S1196	A3040	Styralyl butyrate	2686
1197	S1197	A3041	Cedryl acetate	-
1198	S1198	A3042	Maltol isobutyrate	3462
1199	S1199	A3043	Ethyl 2-methyl-4-pentenoate	3489
1200	S1200	A3044	Tetrahydrofurfuryl acetate	3055
1201	S1201	A3045	Methyl heptine carbonate	2729
1202	S1202	A3046	Methyl octyne carbonate	2726
1203	S1203	A3047	Diethyl sebacate	2376
1204	S1204	A3048	Ethyl 10-undecenoate	2461
1205	S1205	A3049	Allyl phenylacetate	2039
1206	S1206	A3050	Triacetin	2007
1207	S1207	A3051	Geranyl phenylacetate	2516
1208	S1208	A3052	*p*-Cresyl phenylacetate	3077
1209	S1209	A3053	Methyl 4-phenylbutyrate	2739
1210	S1210	A3054	Ethyl 4-phenylbutyrate	2453
1211	S1211	A3056	Allyl cinnamate	2022
1212	S1212	A3057	Ethyl 2-methyl-3-pentenoate	3456
1213	S1213	A3058	Ethyl nitrite	2446
1214	S1214	A3059	Amyl heptanoate	2073
1215	S1215	A3060	3-Acetyl-2,5-dimethylfuran	3391
1216	S1216	A3061	2,5-Dimethyl-3-Oxo-(2H)-fur-4-yl butyrate	3970
1217	S1217	A3062	2-Methoxy-3(5and6)-isopropylpyranzine	3358
1218	S1218	A3063	2-Methyl-3,5-or 6-(furfurylthio)- pyrazine(mixture of	3189

			isomers)	
1219	S1219	A3064	2-Methyl(or ethyl)-(3,5 or 6)-methoxy pyrazine	3280
1220	S1220	A3065	2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane	3450
1221	S1221	A3066	5,7-Dihydro-2-methylthieno(3,4-d)-pyrimidine	3338
1222	S1222	A3067	2-Ethoxythiazole	3340
1223	S1223	A3068	2,4-Dimethyl-5-acetylthiazole	3267
1224	S1224	A3069	Isoeugenyl acetate	2470
1225	S1225	A3070	*p*-Methylphenyl 3-methylbutyrate	3387
1226	S1226	A3071	*l*-Menthol ethylene glycol carbonate	3805
1227	S1227	A3072	3-(2-Methylpropyl)pyridine	3371
1228	S1228	A3073	Ethylvanillin propylene glycol acetal	3838
1229	S1229	A3074	Artificial cognac oil	-
1230	S1230	A3075	Haw smoke flavourings No.1	-
1231	S1231	A3076	Haw-pit smoke flavourings No.2	-
1232	S1232	A3077	Isobutyl benzyl carbinol(α-Butyl iso phenethyl alcohol)	2208
1233	S1233	A3078	4-Phenyl-3-buten-2-ol	2880
1234	S1234	A3079	2-Methyl-4-phenyl-2-butanol	3629
1235	S1235	A3080	*l*-Menthol 1-(or2-)-propyleneglycol carbonate	3806
1236	S1236	A3081	Allyl octanoate	2037
1237	S1237	A3082	α-Propylphenethyl alcohol	2953
1238	S1238	A3083	Hydratropyl alcohol (β-Methylphenethyl alcohol)	2732
1239	S1239	A3084	Tetrahydrolinalool	3060
1240	S1240	A3085	2,3-Dimercaptobutane	3477
1241	S1241	A3086	β-Naphthyl ethyl ether	2768
1242	S1242	A3087	β-Naphthyl isobutyl ether	3719
1243	S1243	A3088	*o*-Propylphenol	3522
1244	S1244	A3089	Isoeugenyl benzyl ether	3698
1245	S1245	A3090	2-Methyl-3,5-or6-(methylthio)pyrazine	3208
1246	S1246	A3091	Citronellyloxyacetaldehyde	2310
1247	S1247	A3092	Acetaldehyde phenylethyl propyl acetal	2004
1248	S1248	A3093	2-Methyl-3-(*p*-methylphenyl)pr opanal Satinaldehyde	2748
1249	S1249	A3094	2-Phenyl-3-(2-furyl)prop-2-enal	3586
1250	S1250	A3095	3,5,5-Trimethylhexanal	3524
1251	S1251	A3096	2-Methyl-3,(5-or6)-ethoxypyrazine	3569
1252	S1252	A3097	Heptanal glyceryl acetal	2542
1253	S1253	A3098	Phenylacetaldehyde glyceryl acetal	2877

1254	S1254	A3099	*p*-Isopropyl phenylacetaldehyde	2954
1255	S1255	A3100	2-Methyl-4-phenylbutyraldehyde	2737
1256	S1256	A3101	Hydratropic aldehyde	2886
1257	S1257	A3102	Hydratropic aldehyde dimethyl acetal	2888
1258	S1258	A3103	Hydroxycitronellal diethyl acetal	2584
1259	S1259	A3104	Citral dimethyl acetal	2305
1260	S1260	A3105	4-Methyl-5-(2-acetoxyethyl) thiazole	3205
1261	S1261	A3106	*α*-Butylcinnamaldehyde	2191
1262	S1262	A3107	4-Heptene-3-one	-
1263	S1263	A3108	4-Methyl-1-phenyl-2-pentanone	2740
1264	S1264	A3109	1-(*p*-Methoxyphenyl)-1-penten-3-one	2673
1265	S1265	A3110	*α*-Hexylidenecyclopentanone	2573
1266	S1266	A3111	Tetramethyl ethylcyclohexenone	3061
1267	S1267	A3112	Furfurylthiol formate	3158
1268	S1268	A3113	Methyl *β*-naphthyl ketone	2723
1269	S1269	A3114	2-(3-Phenylpropyl)tetrahydrofuran	2898
1270	S1270	A3115	Allyl acetic acid	2843
1271	S1271	A3116	Dimethyl benzyl carbinyl formate	2395
1272	S1272	A3117	4-Acetyl-6-*t*-butyl-1,1-dimethylindane	3653
1273	S1273	A3118	Decanal dimethyl acetal 1,1-Dimethoxydecane	2363
1274	S1274	A3119	Cyclohexaneethyl acetate	2348
1275	S1275	A3120	Ethyl (*p*-tolyloxy)acetate	3157
1276	S1276	A3121	Dimethyl phenethyl carbinyl acetate	2735
1277	S1277	A3125	Methylphenylcarbinyl propionate	2689
1278	S1278	A3126	Propyl 2-furanacrylate	2945
1279	S1279	A3129	Dimethyl phenethyl carbinyl isobutyrate	2736
1280	S1280	A3130	2-Phenoxyethyl isobutyrate	2873
1281	S1281	A3133	Ethylene brassylate	3543
1282	S1282	A3134	Isobutyl anthranilate	2182
1283	S1283	A3135	Methyl *p*-tert-butylphenylacetate	2690
1284	S1284	A3136	Allyl phenoxyacetate	2038
1285	S1285	A3137	Octyl phenylaceteate	2812
1286	S1286	A3138	Benzyl phenylacetate	2149
1287	S1287	A3139	Linalyl phenylacetate	3501
1288	S1288	A3140	Citronellyl phenylacetate	2315
1289	S1289	A3141	Guaiacyl phenylacetate	2535
1290	S1290	A3142	Phenethyl senecioate	2869
1291	S1291	A3144	Ethyl 3-phenylglycidate	2454
1292	S1292	A3146	Linalyl cinnamate	2641
1293	S1293	A3147	1,2-Di((1'-ethoxy)ethoxy)propane	3534
1294	S1294	A3148	2-Isopropyl-*N*,2,3-trimethylbuty ramide	3804
1295	S1295	A3149	*N*-Ethyl-2-isopropyl-5-	3455

			methylcyclohexane carboxamide	
1296	S1296	A3150	3-*l*-Menthoxypropane-1,2-diol	3784
1297	S1297	A3151	Vanillyl butyl ether	3796
1298	S1298	A3152	9-Decenal	3912
1299	S1299	A3153	2-*sec*-Butylcyclohexanone	3261
1300	S1300	A3154	2,3-Undecadione	3090
1301	S1301	A3155	Cyclohexanecarboxylic acid	3531
1302	S1302	A3156	5-and6-Decenoic acid(Milk lactone)	3742
1303	S1303	A3157	Sucrose octaacetate	3038
1304	S1304	A3158	Allyl butyrate	2021
1305	S1305	A3159	Vanillin isobutyrate	3754
1306	S1306	A3160	*l*-Monomenthyl glutarate	4006
1307	S1307	A3161	Ethyl benzoylacetate	2423
1308	S1308	A3163	ε-Dodecalactone	3610
1309	S1309	A3164	Octahydrocoumarin	3791
1310	S1310	A3165	2,5-Dimethyl-3-furathiol	3451
1311	S1311	A3166	1,2-Butanedithiol	3528
1312	S1312	A3167	Bis(2,5-dimethyl-3-furyl)disufide	3476
1313	S1313	A3168	Propyl 2-methyl-3--furyl disulfide	3607
1314	S1314	A3169	Dicyclohexyl disulfide	3448
1315	S1315	A3170	Furfuryl isopropyl sulfide	3161
1316	S1316	A3171	2-Ethyl thiophenol	3345
1317	S1317	A3172	Methylthio 2-(acetyloxy)propionate	3788
1318	S1318	A3173	Methylthio 2-(propionyloxy)propionate	3790
1319	S1319	A3174	Ethyl 3-(furfurylthio)propionate	3674
1320	S1320	A3175	2-Methylthiopyrazine	3231
1321	S1321	A3176	Phenethyl isothiocyanate	4014
1322	S1322	A3177	2-(3-Phenylpropyl)pyridine	3751
1323	S1323	A3178	4,5-Dimethyl-2-ethyl-3-thiazoline	3620
1324	S1324	A3179	2-(2-Butyl)-4,5-dimethyl-3-thiazoline	3619
1325	S1325	A3180	Pyrazine ethanethiol	3230
1326	S1326	A3181	Phenyl salicylate	3960
1327	S1327	A3182	Heptanal dimethyl acetal	2541
1328	S1328	A3183	Hydroxy citronellal dimethyl acetal	2585
1329	S1329	A3184	p-Propyl anisole	2930
1330	S1330	A3185	p-Tolyl isobutyrate	3075
1331	S1331	A3186	o-Tolyl isobutyrate	3753
1332	S1332	A3187	Citral propylene glycol acetal	-
1333	S1333	A3188	trans-2-Hexenal diethyl acetal	4047
1334	S1334	A3189	2-Mercaptothiophene	3062

1335	S1335	A3190	p-Menth-3,8-diol	4053
1336	S1336	A3191	1,8-Octanedithiol	3514
1337	S1337	A3192	spiro[2,4-Dithia-1-methyl-8-oxa) bicyclo[3.3.0]octane-3,3'-(1'-oxa -2'-methyl)cyclopentane]	3270
1338	S1338	A3193	3-Nonen-2-one	3955
1339	S1339	A3194	3-Methyl-2,4-nonadione	4057
1340	S1340	A3195	2,5-Dimethyl-3-thioacetoxyfuran	4034
1341	S1341	A3196	trans-4-Hexenal	4046
1342	S1342	A3197	(+/-)-3-[(2-Methyl-3-furyl)thio]-2-butanone	4056
1343	S1343	A3198	3-Mercapto-2-methylpentanal	3994
1344	S1344	A3199	2-(L-Menthoxy) ethanol	4154
1345	S1345	A3200	Tetrahydrofurfuryl propionate	3058
1346	S1346	A3201	Allyl isovalerate	2045
1347	S1347	A3202	3-Octanon-1-ol	2804
1348	S1348	A3203	Glyceryl tripropanoate	3286
1349	S1349	A3204	α-Furfuryl octanoate	3396
1350	S1350	A3205	trans-2-Octen-1-yl butanoate	3517
1351	S1351	A3206	Phenylacetaldehyde diisobutyl acetal	3384
1352	S1352	A3207	1,3-Diphenyl-2-propanone	2397
1353	S1353	A3208	Butyl 10-undecylenate	2216
1354	S1354	A3209	Santalyl acetate	3007
1355	S1355	A3210	Geranyl 2-ethylbutyrate	3339
1356	S1356	A3211	3-Hydroxymethyl-2-octanone	3292
1357	S1357	A3212	1,2-Cyclohexanedione	3458
1358	S1358	A3213	Glycerol ester of rosin	4226
1359	S1359	A3214	erythro and threo-3-Mercapto-2-methylbutan-1-ol	3993
1360	S1360	A3215	4-Methyl biphenyl	3186
1361	S1361	A3216	α-Amylcinnamyl alcohol	2065
1362	S1362	A3217	1-phenyl-3-methyl-3-pentanol	2883
1363	S1363	A3218	5-Phenylpentanol	3618
1364	S1364	A3219	p-Menthan-2-ol	3562
1365	S1365	A3220	Dehydrodihydroionol	3446
1366	S1366	A3221	Ethyl fenchol	3491
1367	S1367	A3222	Gum Arabic,hydrogen octenylbutanedioate	4227
1368	S1368	A3223	N1-(2-methoxy-4-methylbenzyl) -N2-(2-(5-methylpyridin-2-yl)et hyl)oxalamide	4234
1369	S1369	A3224	N1-(2,4-dimethoxybenzyl)-N2-(2-(pyridin-2-yl)ethyl)oxalamide	4233
1370	S1370	A3225	N-(heptan-4-yl)benzo[d][1,3]dioxole-5-carboxamide	4232
1371	S1371	A3226	Dibenzyl ether	2371

1372	S1372	A3227	Glyceryl 5-hydroxydodecanoate	3686
1373	S1373	A3228	Tributyrin	2223
1374	S1374	A3229	Allyl nonanoate	2036
1375	S1375	A3230	Glyceryl 5-hydroxydecanoate	3685
1376	S1376	A3231	3-Phenylpropyl propionate	2897
1377	S1377	A3232	Isopropyl cinnamate	2939
1378	S1378	A3233	2-Keto-4-butanethiol	3357
1379	S1379	A3234	Ethyl methyl-p-toly glycidate	3757
1380	S1380	A3235	5-Hydroxy-8-undecenoic acid delta-lactone	3758
1381	S1381	A3236	N-Cyclopropyl-(E)2,(Z)6-nonad ienamide	4087
1382	S1382	A3237	N-Ethyl-(E)2,(Z)6-nonadienami de	4113
1383	S1383	A3238	2,4-Dimethyl-1,3-dioxolane	4099
1384	S1384	A3239	β-Naphthyl methyl ether	——
1385	S1385	A3240	Dihydroxyacetone	4033
1386	S1386	A3241	Phenyl disulfide	3225
1387	S1387	A3242	Ethyl carvacrol	2246
1388	S1388	A3243	Tolualdehyde glyceryl acetal (o-,m-,p-mixed isomers)	3067
1389	S1389	A3244	(+/-)-trans-andcis-4,8-Dimethyl-3,7-nona-dien-2-ol	4102
1390	S1390	A3245	(+/-)-trans-andcis-4,8-Dimethyl-3,7-nona-dien-2-yl acetate	4103
1391	S1391	A3246	trans-and cis-1-Methoxy-1-decene	4161
1392	S1392	A3247	2-(4-Methyl-5-thiazolyl)ethyl decanoate	4281
1393	S1393	A3248	2-(4-Methyl-5-thiazolyl)ethyl isobutyrate	4278
1394	S1394	A3249	2-(4-Methyl-5-thiazolyl)ethyl formate	4275
1395	S1395	A3250	3-Phenylpropyl isovalerate	2899
1396	S1396	A3251	D,L-Metho(+/-)-propylene glycol carbonate	3992
1397	S1397	A3252	1-Ethoxyethyl acetate	4069
1398	S1398	A3253	N-Isobutyldeca-trans-2-trans-4-dienamide	4148
1399	S1399	A3254	Benzoin(2-Hydroxy-2-phenylac etophenone)	2132
1400	S1400	A3255	Methyl isopentyl disulfide	4168
1401	S1401	A3256	Allyl anthranilate	2020
1402	S1402	A3257	Allyl cyclohexanehexanoate	2025
1403	S1403	A3258	Allyl cyclohexanevalerate	2027
1404	S1404	A3259	Allyl 2-ethylbutyrate	2029
1405	S1405	A3260	Allyl tiglate Allyl trans-2-methyl-2-butenoate	2043
1406	S1406	A3261	Allyl 10-undecenoate	2044

1407	S1407	A3262	α-Amylcinnamaldehyde dimethyl acetal	2062
1408	S1408	A3263	α-Amylcinnamyl acetate	2064
1409	S1409	A3264	α-Amylcinnamyl formate	2066
1410	S1410	A3265	α-Amylcinnamyl isovalerate	2067
1411	S1411	A3266	Isoamyl 4(2-furan)butyrate	2070
1412	S1412	A3267	Isoamyl 3(2-furan)propionate	2071
1413	S1413	A3268	2-Amyl-5 or 6-keto-1,4-dioxane	2076
1414	S1414	A3269	Isoamyl pyruvate	2083
1415	S1415	A3270	Benzyl butyl ether	2139
1416	S1416	A3271	N-3,7-Dimethyl-2,6-octadienylc yclopropylcarboxamide	4267
1417	S1417	A3272	[N-(Ethoxycarbonyl)methyl]-p-menthane-3-carboxamide	4309
1418	S1418	A3273	SmokEz C-10	—
1419	S1419	A3274	Scansmoke SEF 7525	—
1420	S1420	A3275	(E,Z)-2,6-Nonadien-1-ol acetate	3952
1421	S1421	A3276	Phenylethyl anthranilate	2859
1422	S1422	A3277	2-Propionyl-2-thiazoline	4064
1423	S1423	A3278	(Z)-8-Tetradecenal	4066
1424	S1424	A3279	Allyl thiohexanoate	4076
1425	S1425	A3280	Divanillin	4107
1426	S1426	A3281	cis and trans-2-Heptylcyclopropane carboxylic acid	4130
1427	S1427	A3282	5-Hydroxy-4-methylhexanoic acid δ- lactone	4141
1428	S1428	A3283	4-Mercapto-2-pentanone	4157
1429	S1429	A3284	2,4,6-Trithiaheptane	4214
1430	S1430	A3285	1-(4-Methoxyphenyl)-4-methyl-1-penten-3-one	3760
1431	S1431	A3286	3(2)-Hydroxy-5-methyl-2(3)-hexanone	3989
1432	S1432	A3287	Dimercaptomethane	4097
1433	S1433	A3288	4-Hydroxy-2-butenoic acid γ-lactone; 2(5H)-furanone	4138
1434	S1434	A3289	(+/-)-Isobutyl 3-methylthiobutyrate	4150
1435	S1435	A3290	3-(Methylthio)-2-butanone	4181
1436	S1436	A3291	cis- and trans-5-Ethyl-4-methyl-2-(2-methylpropyl)-thiazoline	4319
1437	S1437	A3292	1-Pentanethiol	4333
1438	S1438	A3293	(+/-)-4-mercapto-4-methyl-2-pentanol	4158
1439	S1439	A3294	cyclohexyl isovalerate	2355
1440	S1440	A3295	2-thienyl disulfide	3323
1441	S1441	A3296	bis(2-methyl-3-furyl)tetrasulfide	3260
1442	S1442	A3297	p-tolyl octanoate	3733
1443	S1443	A3298	maltol propionate	3941
1444	S1444	A3299	(Z)-2-hexen-1-ol	3924

1445	S1445	A3300	(+/-)trans- and cis-*2*-hexenal propylene glycol acetal	4272
1446	S1446	A3301	2-ethylbutyl acetate	2425
1447	S1447	A3302	2,5-diethyl-3-methylpyrazine	3915
1448	S1448	A3303	4-(methylthio)-2-pentanone	4182
1449	S1449	A3304	methylthiomethylmercaptan	4185
1450	S1450	A3305	cis- and trans-5-ethyl-4-methyl-2-(1-methylpropyl)-thiazoline	4318
1451	S1451	A3306	octanal dimethyl acetal	2798
1452	S1452	A3307	3-mercapto-3-methyl-1-butyl acetate	4324
1453	S1453	A3308	*1*-menthyl (R,S)-3-hydroxybutyrate	4308
Note: In terms of all the flavoring substances listed into the Category of Compounded flavorings, their corresponding natural substances (namely the correspondences with the exactly same structures) shall be deemed as the flavoring substances that have be				

Annex C

Usage regulations for food processing aid (hereinafter referred to as “processing aid”)

C.1 Usage principles for food processing aid

C.1.1 The processing aid shall be used in the course of food processing with technology necessity, and shall reduce the dosage as far as possible under the precondition of reaching the desired effect.

C.1.2 The processing aid shall be generally removed before the finalized products, if impossible to remove it completely; the residue quantity shall be minimized, where the residue limits shall have an adverse effect on health and shall not play the functional role in final products.

C.1.3 The processing aid shall meet relevant requirements on quality and specification.

C.2 Table C.1 specifies the list of the processing aids that can be used in all kinds of food processing and the residue quantity needs no restriction with the names of the processing aids ranking in Chinese Phonetic Alphabet (excluding Enzyme preparation).

C.3 Table C.2 specifies the list of the processing aids that require defining the functions and usage scopes with the names of the processing aids ranking in Chinese Phonetic Alphabet (excluding Enzyme preparation).

C.4 Table C.3 specifies the Enzyme that can be used in food processing with the names of the Enzyme preparation ranking in Chinese Phonetic Alphabet. The source and supply of the entire enzyme shall comply with the provisions in the Table.

Table C.1 List of the processing aids that can be used in all kinds of food processing and the residue quantity needs no restriction (excluding Enzyme preparation)

S.N.	Name of processing aid in English
1	Ammonia solution
2	Glycerol
3	Acetone
4	Propane
5	Mono-and diglycerides of fatty acids
6	Nitrogen
7	Silicon dioxide
8	Carbon dioxide
9	Diatomaceous earth
10	Activated carbon
11	Phospholipid
12	Calcium sulfate
13	Magnesium sulfate
14	Sodium sulfate
15	Ammonium chloride
16	Calcium chloride

17	Potassium chloride
18	Citric acid
19	Hydrogen
20	Calcium hydroxide
21	Potassium hydroxide
22	Sodium hydroxide
23	Lactic acid
24	Magnesium silicate
25	Calcium carbonate(light heavy)
26	Potassium carbonate
27	Magnesium carbonate (light heavy)
28	Sodium carbonate
29	Potassium hydrogen
30	Sodium hydrogen
31	Cellulose
32	Hydrochloric acid
33	Calcium oxide
34	Magnesium oxide (heavy light)
35	Ethanol
36	Acetic acid
37	Vegetable carbon (activated)

Annex C.2 List of the processing aids that require defining the functions and usage scopes (excluding Enzyme preparation)

S.N.	English name	Function	Application scope
1	1,2-propanediol	Coolant, solvent extraction	Process technology for beer, withdrawal process
2	1,2-dichloromethane	Solvent for withdrawal	Process technology for coffee and tea
3	1- butanol	Solvent for extraction	Fermentation technology
4	solvent No. 6	Solvent for oil impregnation solvent for extraction	Fermentation technology, withdrawal process
5	D-mannitol	Anti-sticking agent	Process technology for candy
6	arabic gum	Clarifier	Process technology for wine
7	attapulgite clay	Decolorant	Process technology for fats
8	Carnauba wax	Release agent	Process technology for baked food
9	palladium	Catalyzer	Process technology for fermentation
10	white mineral oil	Antifoaming agent, release agent	Process technology for potato slice, for fats, for candy, for grains (for dustproof)
11	Insoluble polyvinylpolypyrrolidone (PVPP)	Adsorbent	Process technology and fermentation technology for beer, wine, fruit wine, and assembled alcoholic drinks
12	butane	Solvent for withdrawal	Process technology for withdrawal
13	beeswax	Release agent	Process technology for basked food
14	kaolin	Clarifier, filter aid	Process technology and fermentation technology for beer, wine, fruit wine, yellow wine and assembled alcoholic drinks
15	higher alcohol fatty acid ester complex	Antifoaming agent	Process technology and fermentation technology for soybean protein
16	immobilized tannin	Clarifier	Process technology and fermentation technology for assembled alcoholic drinks
17	silica gel	Clarifier	Process technology for beer, wine, fruit wine, yellow wine and assembled alcoholic drinks
18	talc	Release agent, antisticking agent	Process technology and fermentation and withdrawal

			technology for candy
19	activated clay	Clarifier, Edible oil decolorant adsorbent	Process technology and fermentation technology for assembled alcoholic drinks, Process technology for fats processing, Process technology for water treatment
20	methanol	Solvent for withdrawal	Withdrawal technology
21	potassium bitartarate	Crystallizing agent	Process technology for wine
22	polytyrene	Filter aid	Process technology for beer
23	polyacrylamide	Flocculant, filter aid	Process technology for beverage(water treatment), Process technology for refining sugar and fermentation technology
24	Polydimethyl siloxane	Antifoaming agent	Process technology for soybean products(max dosage: 0.3 g/kg, calculated by one kilogram of soybean), process technology for meat products, beer (max dosage: 0.2g/kg for above technologies); process technology for baked food(max dosage: 30mg/dm2 in the mould); process technology for fats (max dosage: 0.01g/kg); process technology for jelly, juice, concentrated juice powder, beverage, instant food, ice cream, fruit jam, flavoring and vegetables (max dosage: 0.05g/kg for above technologies) ; fermentation technology (max dosage: 0. 1g/kg)
25	polyglycerol ester of polylinoleic acid	Release agent, dispersant	Process technology for fats, baked food and soybean products
26	polyoxyethylene (20) sorbitan monolaurate, polyoxyethylene (20)sorbitan monopalmitate, polyoxyethylene	Dispersant, Solvent for withdrawal	Process technology for sugar refining, fermentation, withdrawal, beverage with fruit and vegetable juice (pulp) (max dosage: 0.75g/kg), beverage with vegetable protein (max

	(20) sorbitan monostearate, polyoxyethylene (20) sorbitan monooleat		dosage: 2.0g/kg)
27	polyoxypropylene glycerol ether(GP)	Antifoaming agent	Fermentation technology
28	Polyoxypropylene oxyethylene glycol ether(GPE)	Antifoaming agent	Fermentation technology
29	polyoxyethylene polyoxypropylene amine ether(BAPE)	Antifoaming agent	Fermentation technology
30	polyoxyethylene polyoxypropylene pentaerythritol ether(PPE)	Antifoaming agent	Fermentation technology
31	Carrageenan	Clarifier	Process technology for beer
32	mineral oil	Antifoaming agent, release agent, anti-sticking agent, lubricant	Fermentation technology and process technology for candy, potato slice and soybean products
33	ion exchange resins	Decolorant , lubricant	Process technology, water treatment technology, refining sugar technology, and fermentation technology for beer, wine fruit wine, yellow wine, and canned food
34	phosphoric acid	Clarifier, degumming for refine, nutrient for fermentation	Refining sugar technology and fats technology and fermentation technology
35	Ammouium dihydrogen phosphate	Nutrient for fermentation	Fermentation technology
36	diammouium hydrogen phosphate	Nutrient for fermentation	Fermentation technology
37	potassium phosphate, monobasic	Nutrient for fermentation	Fermentation technology
38	sodium dihydrogen phosphate	Nutrient for fermentation	Fermentation technology
39	calcium phosphate	Dispersant	Process technology for dairy products
40	disodium hydrogen phosphate	Flocculant, nutrient for fermentation	Process technology and fermentation technology for

			beverage (water treatment)
41	trisodium phosphate	Flocculant, nutrient for fermentation	
42	sulfur	Clarifier	Refining sugar technology
43	sulfuric acid	Flocculant, nutrient for fermentation	Process technology and fermentation technology for beer and Process technology for starch
44	ammonium sulfate	Nutrient for fermentation	Fermentation technology
45	copper sulphate	Clarifier, chelator	Process technology for wine, Process technology for preserved egg
46	zinc sulphate	Chelator, flocculant,	Process technology for preserved egg and Process technology for beer
47	ferrous sulfate	Flocculant,	Process technology for beverage (water treatment) and beer
48	magnesium chloride	Nutrient for fermentation	Fermentation technology
49	gelatin	Clarifier,	Process technology for wine
50	nickel	Catalyzer	Fermentation technology, process technology for fats, process technology for sugar alcohols
51	malic acid	Nutrient for fermentation	
52	bentonite	Adsorbent, filter aid, Clarifier, decolorant	Process technology and fermentation technology for wine, fruit wine, yellow wine and assembled alcoholic drinks, fats, flavoring and fruit and vegetable juices
53	emulsifying silicon oil	Antifoaming agent	Process technology and Fermentation technology for soybean products, beverage and potato slice
54	paraffin	Release agent,	Process technology for candy and baked food
55	petroleum ether	Solvent for withdrawal	Process technology and withdrawal technology for assembled alcoholic drinks
56	edible tannin	Filter aid, Clarifier, decolorant	Process technology for yellow wine, beer, wine and assembled alcoholic drinks and technology for oil bleaching
57	glycerol ester of	Feather or hair	Process technology for

	rosin	remover	poultry depilation
58	vitamin B family	Nutrient for fermentation	Fermentation technology
59	octyl and decyl glycerate	Anti-sticking agent	Process technology for candy
60	starch sodium octenylsuccinate	Anti-sticking agent	Process technology for Gum-based candy
61	isopropyl alcohol	Solvent for withdrawal	Withdrawal technology
62	disodium EDTA	Adsorbent ,chelator,	Process technology for cooked nuts and seeds, beer and assembled alcoholic drinks, fermentation technology and beverage processing technology
63	ether	Solvent for withdrawal	Process technology for assembled alcoholic drinks,
64	sodium acetate	Chelator,	Fermentation technology and process technology for starch
65	ethyl actetate	Solvent for withdrawal	Process technology for assembled alcoholic drinks,
66	lauric acid	Peel remover	Fruit and vegetable peeling
67	Sucrose polyoxypropylene ester	Antifoaming agent	Fermentation technology and refining sugar technology
68	sucrose esters of fatty acid	Antifoaming agent	Refining sugar technology and Process technology for soybean products
69	pearl rock	Filter aid	Process technology and fermentation technology for beer, wine, fruit wine, and assembled alcoholic drinks, and fats processing ,
70	n- hexane	Solvent for withdrawal	Withdrawal technology, Process technology for soybean protein

Table C.3 Enzyme preparation for food and source list

Serial	Enzyme	Source [a]	Donor [b]
1.	Alpha-galactosidase	*Aspergillus niger*	
2.	Alpha-amylase	*Bacillus licheniformis*	
			Bacillus licheniformis
			Bacillus stearothermophilus
		Aspergillus niger	
		Bacillus amyloliquefaciens	
		Bacillus subtilis	
			Bacillus stearothermophilus
		Rhizopus oryzae	
		Aspergillus oryzae	
		Bacillus stearothermophilus	
		hog or bovine pancreas	
3.	Alpha-acetolactate	*Bacillus subtilis*	*Bacillus brevis*
4.	beta- amylase	barley, taro, soya, wheat and malted barley	
		Bacillus subtilis	
5.	beta-glucanase	*Bacillus licheniformis*	
		Humicola insolens	
		Trichoderma harzianum	
		Aspergillus niger [c]	
		Bacillus subtilis	
		Trichoderma reesei	
6	Arabinofuranosidea	*Aspergillus niger*	
7	Aminopeptidase	*Aspergillus oryzae*	
8	Hemicellulase	*Aspergillus niger*	
9	Bromelain	*Ananas* spp.	

10	Protease (including milk clotting enzymes)	*Cryphonectria parasitica* （*Endothia parasitica*）	
		Bacillus	
		Aspergillus niger	
		Aspergillus niger	*Aspergillus niger*
		Bacillus amyloliquefaciens	
		Bacillus amyloliquefaciens	*Bacillus amyloliquefaciens*
		Bacillus subtilis	
		Cryphonectria parasitica （*Endothia parasitica*）	
		Rhizomucor	
		Aspergillus oryzae	
		Kluyveromyces lactis	Calf stomach
		Mucor pusillus	
		Aspergillus melleus	
11	Tannase	*Aspergillus oryzae*	
12	Polygalacturonase	*Aspergillus niger*	
		Rhizopus oryzae	
13	Glutaminase	*Bacillus amyloliquefaciens*	
14	Glutamine Transaminase	*Streptoverticillium mobaraense*	
15	Pectinlyase	*Aspergillus niger*	
		Aspergillus niger	*Aspergillus niger*
16	Pectinase	*Aspergillus niger*	
		Rhizopus oryzae	
17	Pectinesterase (Pectin methylesterase)	*Aspergillus niger*	
		Aspergillus niger	*Aspergillus niger*
		Aspergillus oryzae	*Aspergillus aculeatus*
18	Catalase	*Aspergillus niger*	
		Bovine，pig or horse liver	
		Micrococcus lysodeicticus	
19	Nuclease	*Penicillium citrinum*	
20	Cyclomaltodextin glucanotransferase	*Bacillus licheniformis*	*Thermoanaerobacter* sp.
21	Hexose oxidase	*Hansenula polymorpha*	*Chondrus crispus*
22	Inulinase	*Aspergillus niger*	
23	Phospholipase	Pancreas	

24	Phospholipase A2	Porcine pancreas	
		Aspergillus niger	Porcine pancreas
25	Phospholipase C	*Pichia pastoris*	Microorganism with coding of Phosphatidase C isolated from soil
26	Malt carbohydrases (alpha- and beta-amylase)	Malted barley & barley	
27	Maltogenic amylase	*Bacillus subtilis*	*Bacillus stearothermophilis*
28	Papain	*Carica papaya*	
29	Xylanase	*Fusarium venenatum*	*Thermomyces lanuginosus*
		Pichia paseoris	
		Humicola insolens	
		Aspergillus niger	
		Aspergillus niger	*Aspergillus niger*
		Trichoderma reesei	
		Trichoderma viride	
		Bacillus subtilis	*Bacillus subtilis*
		Aspergillus oryzae	*Thermomyces lanuginosus*
		Aspergillus oryzae	c *Aspergillus niger*
30	Chymosin A	*Eschorichia Coli* K-12	Calf prochymosin A gene
31	Chymosin B	*Aspergillus niger* var. *awamori*	Calf prochymosin B gene
		Kluyveromyces lactis	Calf prochymosin B gene
32	Chymosin or	Calf, kid, or lamb	
33	Glucoamylase（amyloglucosidase）	*Rhizopus delemar*	
		Aspergillus niger	*Aspergillus niger*
			Talaromyces emersonii
		Rhizopus oryzae	
		Aspergillus oryzae	

		Rhizopus niveus	
34	Glucose oxidase	*Aspergillus niger*	
		Aspergillus oryzae	*Aspergillus niger*
35	Glucose isomerase (xylose isomerase)	*Streptomyces olivochromogenes*	
		Streptomyces olivaceus	
		Actinoplanes missouriensis	
		Bacillus coagulans	
		Streptomyces rubiginosus	
		Streptomyces violaceoniger	
		Streptomyces murinus	
36	Pullulanase	*Klebsiella aerogenes*	
		Bacillus subtilis	
		Bacillus subtilis	*Bacillus acidopullulyticus*
		Bacillus acidopullulyticus	
		Bacillus subtilis	*Bacillus deramificans*
		Bacillus licheniformis	*Bacillus deramificans*
37	Laccase	*Aspergillus oryzae*	*Myceliophthora thermophila*
38	Lysophospholipase (lecithinase B)	*Aspergillus niger*	*Aspergillus niger*
		Aspergillus niger	
39	Lactase (beta-galactosidase)	*Kluyveromyces fragilis*	
		Aspergillus niger	
		Aspergillus oryzae	
		Kluyveromyces lactis	
		Kluyveromyces lactis	*Kluyveromyces lactis*
40	Asparaginase	*Aspergillus niger*	*Aspergillus niger*
		Aspergillus oryzae	*Aspergillus oryzae*
41	Deaminase	*Aspergillus melleus*	
42	Pepsin	Hog, calf, goat(kid) or poultry stomach	
43	Ficin	*Ficus* spp.	
44	Cellobiase	*Aspergillus niger*	
45	Cellulase	*Aspergillus niger*	
		Trichoderma reesei	
		Trichoderma viride	

46	Typsin	Porcine or bovine pancreas	
47	Chymotrypsin	Porcine or bovine pancreas	
48	Lipase	*Aspergillus niger*	*Candida antarctica*
		Aspergillus nige	
		*Rhizopus oryza*e	
		Rhizomucor miehei	
		Aspergillus oryzae	
		Aspergillus oryzae	*Fusarium*
			Thermomyces lanuginosus
		Salivary glands or forestomach of calf, kid, or	
		Rhizopus niveus	
		Goat gullets	
		Hog or bovine pancreas	
		Aspergillus oryzae	*Rhizomucor miehei*
49	Esterase	*Aspergillus niger*	
		Trichoderma reesei	
		Rhizomucor miehei	
50	Phytase	*Aspergillus niger*	
51	Invertase	*Saccharomyces cerevisiae*	
52	Transglucosidase	*Aspergillus niger*	

a. Refers to the animal plant or microorganism used to withdraw Enzyme preparation.
b. Refers to the animal plant or microorganism that offer gene segments for the biotechnology of Enzyme preparation.
c. Including Aspergillus aculeatus and A. awamori.

Annex D
List of gum-based substances in chewing gum and the ingredients

The gum-based substances in chewing gum and the ingredients should be made up of the substances described in the table below. The dose level of ingredients shall comply with the provisions of this standard. In the absence of relevant provisions, ingredients shall be applied in appropriate level as required in production.

Table D.1 List of allowable gum-based substances in chewing gum and the ingredients

Name or category of gum-based substance
D1 natural gum 1 massaranduba balata 2 jelutong 3 leche caspi (sorva) 4 chiquibul 5 chicle 6 natural rubber (latex solids)
D2 synthetic rubber 1 butadiene-styrene rubber 75/25, 50/50 (SBR) 2 polybutylene 3 polyethylene 4 polyisobutylene 5 isobutylene-isoprene copolymer (butyl rubber)
D3 resin 1 glycerol ester of partially dimerized rosin (gum,wood, tall oil) 2 glycerol ester of partially hydrogenated rosin(gum, wood, tall oil) 3 pentaerythritol ester of partially hydrogenated rosin (gum, wood, tall oil) 4 methyl ester of partially hydrogenated rosin(gum, wood, tall oil) 5 vinyl acetate-vinyl laurate copolymer 6 synthetic resin (synthetic terpene resin) 7 polyvinyl acetate (PVA) 8 glycerol ester of polymerized rosin (gum, wood, tall oil) 9 glycerol ester of wood rosin 10 pentaerythritol ester of rosin (gum, wood, tall oil) 11 glycerol ester of gum rosin 12 glycerol ester of tall oil rosin

D4 wax 1 carnauba wax 2 beeswax 3 Polyethylene-wax homopolymer 4 paraffin 5 paraffin wax, synthetic (Fischer-Tropsch) 6 microcrystalline wax 7 candelilla wax
D5 emulsifier & softener 1 propylene glycol 2 mono, di, tri-glycerides of esters of fatty acids 3 monoglycerides 4 glycerine 5 pectin 6 alginic acid, sodium alginate, ammonium alginate 7 phospholipid 8 gelatin 9 hydrogen vegetable oils 10 triacetin 11 defatted cocoa powder 12 acetylated mono and di- glycerides 13 stearic acid and its calcium, magnesium, sodium & potassim salts 14 sucrose fatty acid ester
D6 antioxidant, preservative 1 benzoic acid, sodium benzoate 2 butylated hydroxyanisole 3 butylated hydroxy toluene 4 propyl gallate 5 sorbic acid , potassium sorbate 6 tocopherol 7 antioxidant of bommboo leaf
D7 filling agent 1 talc 2 calcium hydrogen phosphate (dicalcium orthophosphate) 3 calcium carbonate(light, heavy) 4 magnesium carbonate

Annex E
Function categories of food additives

Generally, each additive has one or many kinds of technical functions in food. The standard lists the commonly used technical functions of each additive rather than a complete list of all functions, nor does it serve as labeling.

E1. *Acidity regulator*: substance used for maintaining or changing the ph value of food.

E2. *Anti-caking agent*: substance used for preventing granulated or powdered food from agglomerating and keeping it loose or free flow.

E3. *Antifoaming agent*: substance to reduce surface tension and dispel foams in the course of food processing.

E4. *Antioxidant*: substance that can prevent or postpone oxidative cleavage or deterioration of oil or food ingredients and increase the food stability.

E5. *Bleaching agent*: substance being added in the course of food processing that destroys and suppresses the chromogenic factors of food, which fade the food, or that prevents food from browning.

E6. *Bulking agent*: substance being added in the course of food processing to enable flour pasta or dough to form a dense and multiporous structure so as to make products fluffy, soft or crispy.

E7. *Chewing gum base*: substance to create chewing gum functions such as bubbling, plasticization, and chewing resistance.

E8. *Coloring*: substance that adds color to food and improves the color of food.

E9. *Color fixative*: substance that can interact with the colorating matters in meats and meat products so that the product will not break down or deteriorate in the course of food processing or storage and will present fine color and luster.

E10. *Emulsifier*: substance that can improve the surface tension between the various constitutive phases in the emulsification body to form the even dispersion or emulsification bodies.

E11. *Enzyme preparation*: biological product directly extracted from edible or non-edible parts of plants or animals, or fermented and extracted from traditional or transgenic microorganisms (including but limited to bacteria, ray fungi, or fungi) that is used in food processing and functions as biological catalysis.

E12. *Flavor enhancer*: substance to complement or enhance the original flavor of food.

E13. *Flour treatment agent*: substance that facilitates flour ripeness, whiten the flour and improve product quality.

E14. *Coating agent*: substance to be coated on the surface of food for the purpose of guaranteeing the quality, freshness, glazing, and preventing moisture evaporation.

E15. *Water retention agent* (humectant): substance added for the purpose of helping retention of water in food.

E16. *Nutrition enhancer*: refers to the natural or artificially synthetic substance to be added to foods in order to enhance nutrition, which falls under the scope of natural nutrient.

E17. *Preservative*: substance to prevent food from putrefying and deteriorating and to extend the shelf life of food.

E18. *Stabilizer and coagulator*: substance to stabilize or maintain food structure and strengthen the sticky solids of food.

E19. *Sweetener*: substance that provides sweetness to food.

E20. *Thickener*: substance that can improve stickiness of food or form gel, change the physical properties of food, provide the food with sticky wetting and fine taste, and also present functions of emulsification, stabilization, or in suspending state.

E21. *Food flavoring*: substance that can be used for allocating food essence and enhancing food flavor.

E22. *Food processing aid*: refers to various kinds of substances that enable smooth operation of food processing and have nothing to do with food itself. They may function for the purpose of filtration, clarification, absorption, lubrication, decoating, decoloring, peeling, solvent extraction, etc.

E23. *Other*: other functions that cannot be covered by *function* section above.

Annex F
Food Classification System

Food classification system: see Table F.1

Table F.1 Food Classification System

Food classification No.	Food name or category
01.0	Milk and dairy product (except for food varieties of nutrition purposes in 13.0)
01.01	Pasteurized milk, sterilized milk and formulated milk
01.01.01	Pasteurized milk
01.01.02	Sterilized milk
01.01.02	Recombined milk
01.02	Fermented milk and flavored fermented milk
01.02.01	Fermented milk
01.02.02	Flavored fermented milk
01.03	Milk powders (including sweetened milk powders) and cream powders and powder analogues
01.03.01	Milk powders and cream powders
01.03.02	Recombined milk powders and cream powders (including flavored milk powder and cream powder)
01.04	Condensed milk and its recombined products
01.04.01	Condensed milk (plain)
01.04.02	Recombined condensed milk (including sweet condensed milk, flavored sweet condensed milk and other condensed milk using non-diary ingredients, etc.)
01.05	Cream and like product
01.05.01	Cream
01.05.02	Concretionary cream
01.05.03	Flavored cream
01.05.04	Cream like product
01.06	Cheese
01.06.01	Uncured cheese
01.06.02	Cured cheese
01.06.03	Whey cheese
01.06.04	Processed cheese
01.06.04.01	Processed cheese (plain)
01.06.04.02	Flavored cheese
01.06.05	Processed cheese like product
01.06.06	Whey protein cheese
01.07	Milk-based flavor dessert or recombined product (not including ice cream and flavored yoghurt)
01.08	Other dairy product (e.g. whey powder, cheese protein powder, etc.)

02.0	Fats and oils and fat emulsions
02.01	Fats and oils essentially free from water
02.01.01	Vegetable oils and fats
02.01.01.01	Vegetable oil
02.01.01.02	Hydrogenated vegetable oil
02.01.02	Animal fats (Lard, tallow, fish oil and other animal fats)
02.01.03	Butter or milk fat free from water
02.02	Fat emulsions mainly of type water-in-oil
02.02.01	Emulsions containing at least 80% fat
02.02.01.01	Butter and concentrated butter
02.02.01.02	Margarine and similar products (e.g., butter-margarine blends)
02.02.02	Emulsions containing less than 80% fat
02.03	Fat emulsions other than food category 02.02, including mixed and/or flavored products based on fat emulsions
02.04	Fat-based dessert
02.05	Other fat or fat products
03.0	Frozen drinks
03.01	Ice creams, ice cream bar
03.02	-
03.03	Flavored ice, popsicle
03.04	Edible ice
03.05	Other frozen drinks
04.0	Fruit, vegetable (including root and tuber), beans, edible fungi, algae, nut, and seeds, etc.
04.01	Fruit
04.01.01	Fresh fruit
04.01.01.01	Unprocessed fruit
04.01.01.02	Surface-treated fresh fruit
04.01.01.03	Peeled or pre-cut fresh fruit
04.01.02	Processed fruit
04.01.02.01	Frozen fruit
04.01.02.02	Dried fruit
04.01.02.03	Fruit processed with vinegar, oil, or salt
04.01.02.04	Canned fruit
04.01.02.05	Jam, marmalade
04.01.02.06	Fruit paste
04.01.02.07	Jam other than in 04.01.02.05 (e.g. chutney)
04.01.02.08	Candied and preserved fruit
04.01.02.08.01	Candied fruit
04.01.02.08.02	Preserved surface-drying fruit
04.01.02.08.03	Preserved fruit
04.01.02.08.04	Liquorice-flavored product
04.01.02.08.05	Processed hawthorn products (e.g. pancakes, slices, strips)
04.01.02.08.06	Soft gum

04.01.02.09	Decorative fruit
04.01.02.10	Fruit dessert, including fruit flavor dessert in liquid form
04.01.02.11	Fermented fruit product
04.01.02.12	Cooked or fried fruit
04.01.02.13	Other processed fruit
04.02	Vegetable
04.02.01	Fresh vegetable
04.02.01.01	Unprocessed vegetable
04.02.01.02	Surface-treated fresh vegetable
04.02.01.03	Peeled, sliced or stripped vegetable
04.02.01.04	Bean sprouts
04.02.02	Processed vegetable
04.02.02.01	Frozen vegetable
04.02.02.02	Dried vegetable
04.02.02.03	Pickled vegetable
04.02.02.04	Canned vegetable
04.02.02.05	Vegetable puree, except for tomato sauce
04.02.02.06	Fermented vegetable product
04.02.02.07	Boiled or fried vegetable
04.02.02.08	Other processed vegetable
04.03	Edible fungi and algae
04.03.01	Fresh edible fungi and algae
04.03.01.01	Unprocessed fresh edible fungi and algae
04.03.01.02	Surface-treated fresh edible fungi and algae
04.03.01.03	Peeled, sliced or stripped edible fungi and algae
04.03.02	Processed edible fungi and algae
04.03.02.01	Frozen edible fungi and algae
04.03.02.02	Dried edible fungi and algae
04.03.02.03	Pickled edible fungi and algae
04.03.02.04	Canned edible fungi and algae
04.03.02.05	Boiled or fried edible fungi and algae
04.03.02.06	Other processed edible fungi and algae
04.04	Bean product
04.04.01	Unfermented bean product
04.04.01.01	Bean curd
04.04.01.02	Dried bean curd
04.04.01.03	Re-processed dried bean curd
04.04.01.03.01	Fried semi-dried bean curd
04.04.01.03.02	Sauce-stewed semi-dried bean curd
04.04.01.03.03	Smoked semi-dried bean curd
04.04.01.03.04	Other semi-dried bean curd
04.04.01.04	Bean curd stick (including bean curd stick, soybean milk film)
04.04.01.05	New soybean product (puffed soybean protein food, soybean meat, etc.)

04.04.01.06	Cooked bean product
04.04.02	Fermented bean product
04.04.02.01	Fermented bean curd
04.04.02.02	Fermented soybeans and product (including natto)
04.04.03	Other bean product
04.05	Nuts and seeds
04.05.01	Fresh nuts and seeds
04.05.02	Processed nuts and seeds
04.05.02.01	Cooked nuts and seeds
04.05.02.02.01	Cooked nuts and seeds (in-shell)
04.05.02.02.02	Cooked nuts and seeds (shelled)
04.05.02.02	Coated nuts and seeds
04.05.02.03	Canned nuts and seeds
04.05.02.04	Nut or seed paste, not including peanut butter
04.05.02.05	Other processed nuts (e.g. pickled nut kernel)
05.0	Cocoa product, chocolate and chocolate products (inc chocolate and chocolate products with cocoa butter alternatives)
05.01	Cocoa product, chocolate and chocolate products including chocolate and chocolate products with cocoa butter alternatives
05.01.01	Cocoa product (cocoa-based butters, powders, syrups, spreads and fillings, etc.)
05.01.02	Chocolate and chocolate products, cocoa product other than ones in 05.01.01
05.01.03	Chocolate and chocolate products with cocoa butter alternatives and the products alike
05.02	Candy
05.02.01	Gum-based candy
05.02.02	Other candy except for Gum-based candy
05.03	Candy and chocolate coating
05.04	Decorative candy (e.g. for fine bakery wares or decorations on cakes), toppings (non-fruit) and sweet sauces
06.0	Cereals and cereal products, including starches from rice, flour, coarse grains, roots and tubers, legumes, and corn (not including bakery food in 07.0)
06.01	Crude cereal
06.02	Rice and rice product (rice, rice flour, rice cake)
06.02.01	Rice
06.02.02	Rice product
06.02.03	Rice flour (including glutinous rice ball flour)
06.02.04	Rice flour product
06.03	Wheat flour and its product
06.03.01	Wheat flour
06.03.01.01	General wheat flour

06.03.01.02	Appropriative wheat flour (e.g. self-leavening flour, flour for dumplings)
06.03.02	Wheat flour product
06.03.02.01	Fresh pastas and noodles and similar products (e.g. unboiled noodles, and “skins” or crusts for dumplings, wontons, shuo mai)
06.03.02.02	Dried pastas and noodles and similar products
06.03.02.03	Fermented wheat flour product
06.03.02.04	Batters (e.g. for breading or batters for fish or poultry), breader, frying powder
06.03.02.05	Fried Flour Products
06.04	Coarse grain flour and product
06.04.01	Coarse grain flour
06.04.02	Coarse grain flour product
06.04.02.01	Assorted cereal porridge
06.04.02.02	Other coarse grain product
06.05	Starch and starch product
06.05.01	Edible starch
06.05.02	Starch product
06.05.02.01	Noodles and vermicelli made from starch
06.05.02.02	Shrimp-flavor starch flake
06.05.02.03	Lotus root starch
06.05.02.04	Starch-based snack
06.06	Instant cereals, including rolled oats
06.07	Instant wheat or rice product
06.08	Frozen wheat or rice product
06.09	Cereal and starch dessert (such as rice pudding, cassava pudding)
06.10	Fillings for cereal product
07.0	Baked food
07.01	Bread
07.02	Pastry
07.02.01	Chinese-type pastry (not including moon cake)
07.02.02	Western-type pastry
07.02.03	Moon cake
07.02.04	Decoration on pastry
07.03	Biscuits, cookies, crackers
07.03.01	Biscuits or cookies with fillings or for decoration purposes
07.03.02	waffles
07.03.03	Egg-biscuit-roll
07.03.04	Other biscuits, cookies, crackers
07.04	Baked food stuffing and food flour batter
07.05	Other baked food
08.0	Meat and meat product
08.01	Fresh meat

08.01.01	Fresh meat
08.01.02	Chilled meat (including acid discharged meat, ice-cooled fresh meat, cooled fresh meat, etc.)
08.01.03	Frozen meat
08.02	Pre-processed meat product
08.02.01	Pre-flavored meat products (seasoned or flavored raw/fresh meat)
08.02.02	Cured meat product (brined meat, preserved pork, preserved duck, Chinese-style ham, Chinese sausage, etc.)
08.03	Cooked meat product
08.03.01	Thick gravy cooked meat
08.03.01.01	Boiled meat
08.03.01.02	Sauce braised or stewed meat
08.03.01.03	Steamed salted pork in wine
08.03.02	Smoked, baked or grilled meat product
08.03.03	Fried meat
08.03.04	Western hams (smoked and cooked)
08.03.05	Sausage
08.03.06	Fermented meat product
08.03.07	Cooked dried meat product
08.03.07.01	Crushed dried meat
08.03.07.02	Dried meat
08.03.07.03	Meat crisp
08.03.08	Canned meat
08.03.09	Edible casing
08.03.10	Other meat and meat product
09.0	Fish and fishery products (including mollusks, crustaceans and echinoderms and their processed products, etc.)
09.01	Fresh fish and fishery product
09.02	Frozen fish and fishery product
09.02.01	Frozen fishery product
09.02.02	Frozen coated fishery product
09.02.03	Frozen minced fish products (including fish balls, etc.)
09.03	Pre-processed product (semi-finished product)
09.03.01	Vinegar saturated or jellied fishery product
09.03.02	Pickled fish and fishery product
09.03.03	Roe product
09.03.04	Dried fish and fishery product
09.03.05	Other pre-processed fishery product (fish dumpling skin)
09.04	Cooked fish and fishery product (for direct consumption)
09.04.01	Cooked dried fishery product
09.04.02	Cooked or fried fishery product
09.04.03	Smoked or grilled fishery product
09.04.04	Fermented fishery product
09.05	Canned fishery product

09.06	Other fishery product
10.0	Egg and egg product
10.01	Fresh egg
10.02	Processed egg (no change of physical properties)
10.02.01	Sauced egg
10.02.02	Salted egg in wine
10.02.03	Preserved egg
10.02.04	Salted egg
10.02.05	Other processed egg
10.03	Egg product (changed physical properties)
10.03.01	Dehydrated egg product (e.g. egg powder, egg white or yolk powder)
10.03.02	Heat-clotted egg product (e.g. yolk cream, preserved egg sausage)
10.03.04	Liquid egg
10.04	Other egg product
11.0	Sweetener, including honey
11.01	Sugar
11.01.01	Refined sugar and its product (e.g. cane sugar, beet sugar, crystal sugar, fruit sugar)
11.01.02	Other sugar and syrup (such as brown sugar, brown granulated sugar, rock sugar in tablet, molasses, molasses, partially inverted sugar, maple syrup)
11.02	Starch sugars (fructose, dextrose, cerealose, partially inverted sugar, including molasses, etc.)
11.03	Honey and pollen
11.03.01	Honey
11.03.02	Pollen
11.04	Table-top sweetener
11.05	Flavoring syrup
11.05.01	Fruit flavoring syrup
11.05.02	Other flavoring syrup
11.06	Other sweetener
12.0	Condiment
12.01	Salt and salt substitute
12.02	Tasty agent and taste aid
12.03	Vinegar
12.03.01	Fermented vinegar
12.03.02	Recombined vinegar
12.04	Soy sauce
12.04.01	Fermented soy sauce
12.04.02	Recombined soy sauce
12.05	Bean paste, wheat paste and derivatives
12.05.01	Fermented paste
12.05.02	Recombined paste

12.06	-
12.07	Cooking wine and product
12.08	-
12.09	Spices
12.09.01	Powdered spices
12.09.02	Spice oil
12.09.03	Spiced pastes (e.g. mustard seasonings, wasabi)
12.09.04	Other spice processed product
12.10	Blended condiment
12.10.01	Solid blended condiment
12.10.01.01	Solid condiment for soup
12.10.01.02	Chicken essence, chicken powder
12.10.01.03	Other solid blended condiment
12.10.02	Semi-solid blended condiment
12.10.02.01	Mayonnaise, salad dressing
12.10.02.02	Animal-based condiment sauce
12.10.02.03	Vegetable-based condiment sauce
12.10.02.04	Other
12.10.03	Blended condiment in liquid (exclusive of 12.03, 12.04)
12.10.03.01	Concentrated soup (canned or bottled)
12.10.03.02	Meat soup
12.10.03.03	Flavored clear soup
12.10.03.04	Oyster oil, shrimp oil, fish gravy
12.11	Other condiment
13.0	Food of special nutrition
13.01	Infant formulae food
13.01.01	Baby formulae food
13.01.02	Infant follow-up formula and formula for growing children
13.01.03	Infant formulate food for special medical purpose
13.02	Supplementary foods for infants and young children
13.02.01	Cereal-based supplementary foods for infants and young children
13.02.02	Canned supplementary foods for infants and young children
13.03	Formulate food for special medical purposes (except the varieties involved in 13.01)
13.04	Low-calorie formula food
13.05	Other food of special nutrition not included in 13.01-13.04
14.0	Beverage
14.01	Packaged drinking water
14.01.01	Natural mineral drinking water
14.01.02	Drinking distilled water
14.01.03	Other drinking water
14.02	Fruit and vegetable juice
14.02.01	Fruit and vegetable juice (pulp)
14.02.02	Concentrated fruit and vegetable juice (pulp)

14.02.03	Fruit and vegetable juice (nectar) drink (including fermented product)
14.03	Protein containing drink
14.03.01	Milk containing drink
14.03.01.01	Fermented milk containing drink
14.03.01.02	Recombined milk containing drink
14.03.01.03	Lactobacillus drink
14.03.02	Plant protein containing drink
14.03.03	Blended protein containing drink
14.04	Water-based flavored drink
14.04.01	Carbonated drink
14.04.01.01	Carbonated drink of cola type
14.04.01.02	Carbonate drink of other type
14.04.02	Non-carbonated drink
14.04.02.01	Drink for special usage, including sports drink , nutritional drink, etc.
14.04.02.02	Flavored drink (including fruit flavor, milk flavor, tea flavor, coffee flavor or other flavor drink)
14.05	Tea, coffee, or plant based drink
14.05.01	Tea drink
14.05.02	Coffee drink
14.05.03	Plant drink (including cocoa drink , cereal drink)
14.06	Powdered drink
14.06.01	Powdered drink of fruit flavor
14.06.02	Protein containing powdered drink
14.06.03	Instant coffee
14.06.04	Other powdered drink
14.07	-
14.08	Other drink
15.0	Alcoholic beverage
15.01	Distilled spirit
15.01.01	Liquor
15.01.02	Flavored distilled spirit
15.01.03	Brandy
15.01.04	Whisky
15.01.05	Vodka
15.01.06	Rum
15.01.07	Other distilled spirit
15.02	Integrated alcoholic beverage
15.03	Fermented alcoholic beverage
15.03.01	Grape wine
15.03.01.01	Non-sparkling wine
15.03.01.02	Sparkling or semi-sparkling wine
15.03.01.03	Flavored grape wine
15.03.01.04	Special grape wine (using special processing technique, for

	example, adding brandy or concentrated grape juice to wine)
15.03.02	Chinese rice wine
15.03.03	Fruit wine
15.03.04	Honey wine
15.03.05	Beer and malt beverage
15.03.06	Other fermented alcoholic beverage (carbonated)
16.0	Other food (not covered in 01.0-15.0)
16.01	Jelly
16.02	Tea, coffee
16.03	Collagen casings
16.04	Yeast product
16.04.01	Dried yeast
16.04.02	Other yeast and yeast product
16.05	-
16.06	Puffed food
16.07	Other composite food