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منظمة الأغذية والزراعة
للأمم المتحدة



منظمة
الصحة العالمية



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قائمة مواصفات المواد المضافة إلى الأغذية للدستور الغذائي

CXA 6-2023

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مقدمة

يعرض الجدولان التاليان جميع المواصفات المتصلة بالمواد المضافة إلى الأغذية (الجدول 1) والمنكّهات (الجدول 2) التي اعتمدها الهيئة بحسب المرجع، فضلاً عن سنة اعتمادها للمرة الأولى وسنوات اعتماد نسخاتها المنقحة التالية. وتشير السنوات المذكورة بين قوسين إلى اعتماد حدود منقّحة للزرنخ وللمعادن الثقيلة فقط؛ وتحلّ هذه الحدود محلّ الحدود الواردة في الدراسة الكاملة للمواصفات التي تم اعتمادها في سنة مذكورة سابقاً. كما ترد في كل من الجدولين المواد التي يُعترف بأن لها وظيفة منكهة ووظيفة أخرى غير منكهة على حد سواء. وفي بعض الحالات، سوف تختلف سنة اعتماد المواصفة المتصلة بالمنكّهات عن سنة اعتماد المواصفة المتصلة بتطبيق غير المنكّهات¹.

وقد أعدت المواصفات على يد لجنة الخبراء المشتركة بين منظمة الأغذية والزراعة ومنظمة الصحة العالمية المعنية بالمواد المضافة إلى الأغذية، ونُشرت في الجزء 1 من دراسات لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية التابعة لمنظمة الأغذية والزراعة (2005)، بعنوان "المجموعة المدجة لمواصفات المواد المضافة إلى الأغذية" (Additive Food of Compendium Combined Specifications) (وهي تشمل جميع الدراسات المتعلقة بالمواصفات الحالية المنبثقة من الاجتماع الأول حتى الاجتماع الخامس والستين للجنة الخبراء المعنية بالمواد المضافة إلى الأغذية)، وفي مطبوعات لاحقة من السلسلة ذاتها. ويمكن أيضاً الاطلاع على الدراسات الخاصة بالمواصفات على الموقع الشبكي للجنة الخبراء المعنية بالمواد المضافة إلى الأغذية: <https://www.fao.org/food/food-safety-quality/scientific-advice/jecfa/jecfa-additives/ar>

ولا ترد المواصفات الخاصة بالمنكّهات في المجموعة المدجة لمواصفات المواد المضافة إلى الأغذية، الجزء 1 من دراسات لجنة الخبراء المشتركة بين منظمة الأغذية والزراعة ومنظمة الصحة العالمية المعنية بالمواد المضافة إلى الأغذية (2005)، باستثناء المنكّهات القليلة التي لديها وظيفة تكنولوجية إضافية غير منكهة. كما أن جميع المواصفات الحالية التي تم إعدادها خلال الاجتماع الخامس والستين للجنة الخبراء المعنية بالمواد المضافة إلى الأغذية والتي استُخدمت بشكل حصري كمواد منكهة، قد نُشرت في الوثيقة بشأن الأغذية والزراعة رقم 52 الصادرة عن المنظمة وملاحقها. وأمّا المواصفات الخاصة بالمواد المضافة إلى الأغذية التي استُخدمت حصراً بوصفها منكّهات والتي أعدت بعد الاجتماع الخامس والستين للجنة الخبراء، فهي تُنشر في سلسلة الدراسات الصادرة عن لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية. وهي متاحة أيضاً في قاعدة بيانات أخرى يمكن البحث فيها على الموقع الشبكي للمنظمة الخاص بلجنة الخبراء:

<https://www.fao.org/food/food-safety-quality/scientific-advice/jecfa/flavourings/ar>

¹ يجب أن يمثل استخدام مواد ثانوية مضافة إلى الأغذية (مثل مضادات الأكسدة، والعوامل الحاملة، والمثبتات، والمواد الحافظة المستخدمة في المستحضرات) في حال ذكرت في المواصفات، للأحكام الواردة في المواصفة العامة للمواد المضافة إلى الأغذية.

الجدول 1 - قائمة بخصائص الدستور الغذائي للمواد المضافة إلى الأغذية
(واردة حسب التسلسل الأبجدي وفقاً لاسمها باللغة الإنكليزية)

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1997; 2003	950	Acesulfame potassium
1979; (2003); 2005	260	Acetic acid, glacial
1981; (2001)	472a	Acetic and fatty acid esters of glycerol
1999		Acetone
2001		<i>alpha</i> -Acetoacetate decarboxylase from <i>Bacillus brevis</i> expressed in <i>Bacillus subtilis</i>
2007; 2017	1451	Acetylated oxidized starch
1991; 1993; (2004)		Activated carbon
2021		Adenosine 5'-monophosphate deaminase from <i>Streptomyces murinus</i>
1979; 2001	355	Adipic acid
2016	969	Advantame
1999	406	Agar
1999	400	Alginate
1997; (2003); 2003	956	Alitame
1987; (2003); 2017	129	Allura red AC
1989; (2005); 2012	523	Aluminium ammonium sulfate
2005; 2012		Aluminium lakes of colouring matters
2001; (2004); 2012	522	Aluminium potassium sulfate
1979; 1999; 2005; 2012	173	Aluminium powder
1981	521	Aluminium sodium sulfate
1981; 2001; (2003)	520	Aluminium sulfate
1981; 1987; (2003)	123	Amaranth
1997; (2003)	527	Ammonia solution
1999; (2003)	403	Ammonium alginate
1979; 1985; (2003)	503(i)	Ammonium carbonate
1983; (2005)	510	Ammonium chloride
1985; 1987; (2003)	342(i)	Ammonium dihydrogen phosphate

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1989; (2005)	503(ii)	Ammonium hydrogen carbonate
1995; (2001)	452(v)	Ammonium polyphosphate
2001	442	Ammonium salts of phosphatidic acid
1983; 2004		<i>alpha</i> -Amylase (thermostable) from <i>Bacillus licheniformis</i>
1983; 2001	1100	<i>alpha</i> -Amylase and glucoamylase from <i>Aspergillus oryzae</i> , var.
2001	1100	<i>alpha</i> -Amylase from <i>Aspergillus oryzae</i> , var.
2001		<i>alpha</i> -Amylase from <i>Bacillus megaterium</i> expressed in <i>Bacillus subtilis</i>
1995	1100	<i>alpha</i> -Amylase from <i>Bacillus stearothermophilus</i>
2001		<i>alpha</i> -Amylase from <i>Bacillus stearothermophilus</i> expressed in <i>Bacillus subtilis</i>
1995	1100	<i>alpha</i> -Amylase from <i>Bacillus subtilis</i>
2003	1100	Amyloglucosidase from <i>Aspergillus niger</i> , var.
2007	160h(ii)	Annatto extracts (alkali-processed norbixin, acid-precipitated)
2007	160h(iii)	Annatto extracts (alkali-processed norbixin, not acid-precipitated)
2007 ; 2016	160b(ii)	Annatto extracts, aqueous-processed bixin
2007; 2016	160b(i)	Annatto extracts, solvent-extracted bixin
2007	160h(i)	Annatto extracts, solvent-extracted norbixin
2001		Argon
1981; (2004)	300	Ascorbic acid
2009		Asparaginase from <i>Aspergillus niger</i> expressed in <i>A. niger</i>
2008		Asparaginase from <i>Aspergillus oryzae</i> expressed in <i>Aspergillus oryzae</i>
1983; (2003); 2017	951	Aspartame
2001; 2006	962	Aspartame-acesulfame salt
1979; (2005)	927a	Azodicarbonamide
1987; (2003)	122	Azorubine
2019	1205	Basic methacrylate copolymer (BMC)
1993; 2006; (2005)	901	Bees wax
1991; (2003)	162	Beet red
2015		Benzoe tonkinensis
1997; (2003), 2023	210, 211, 212, 213	Benzoic acid, its salts and derivatives
1979; 2001; 2005	928	Benzoyl peroxide
1983; 1997; (2005); 2010	1519	Benzyl alcohol

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
2003	163(iii)	Blackcurrant extract
1991; (2004)	542	Bone phosphate
2010		Branching glycosyltransferase from <i>Rhodothermus obamensis</i> expressed in <i>Bacillus subtilis</i>
1985; (2003); 2021	151	Brilliant black (Black PN)
1987; (2003); 2018	133	Brilliant blue FCF
1987; (2003)	155	Brown HT
1987; (2005)		Butan-1-ol
1983		Butan-2-ol
1983; (2005)		Butane-1,3-diol
1991; (2004)	320	Butylated hydroxyanisole
1993; (2004)	321	Butylated hydroxytoluene
1978; (2003)	629	Calcium 5'-guanylate
1978; (2003)	634	Calcium 5'-ribonucleotides
1978; (2003)	633	Calcium 5-inosinate
1981; (2005)	263	Calcium acetate
1999	404	Calcium alginate
1983; (2004)	302	Calcium ascorbate
1987; 1997; (2005)	213	Calcium benzoate
1981; (2005)	170(i)	Calcium carbonate
1979; (2005)	509	Calcium chloride
1979; (2003)	333	Calcium citrate
1983; 1997; (2005)	952	Calcium cyclamate
2003	450(vii)	Calcium dihydrogen diphosphate
1997; (2003)	341(i)	Calcium dihydrogen phosphate
1978; 1991; (2003)	623	Calcium di-L-glutamate
1989; (2004)	385	Calcium disodium ethylenediaminetetraacetate
1987; 2007; (2003)	352(ii)	Calcium DL-malate
1978; 1999	578	Calcium gluconate
1979	341(ii)	Calcium hydrogen phosphate
1979; (2003)	526	Calcium hydroxide

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1978; (2003)	327	Calcium lactate
2009; 2010	1522	Calcium lignosulfonate (40-65)
1979; (2003)	529	Calcium oxide
1981; 1999	282	Calcium propionate
2016	552	Calcium silicate
1981; 1999	203	Calcium sorbate
1997; (2001)	482(i)	Calcium stearoyl 2-lactylate
1979; (2005)	516	Calcium sulfate
1993; 2006; (2005)	902	Candelilla wax
1987; 1991; 1999; 2009; (2003)	161g	Canthaxanthin
1991; 2001; (2003); 2012	150a; 150b; 150c; 150d	Caramel colours
1989		Carbohydrase from <i>Bacillus licheniformis</i>
1999	290	Carbon dioxide
1997; 2001; (2003)	120	Carmines
1999	903	Carnauba wax
2009; 2017	410	Carob bean gum
2009	410	Carob bean gum, clarified
1987; (2003); 2012; 2021	160e	<i>beta</i> -apo-8'-Carotenal
2004; 2021	160a(iii)	<i>beta</i> - Carotene from <i>Blakeslea trispora</i>
2018; 2021	160a(iv)	β -Carotene-rich extract from <i>Dunaliella salina</i>
1991; (2003)	160a(i)	<i>beta</i> -Carotene, synthetic
1987; (2003); 2012	160f	<i>beta</i> -apo-8'-Carotenoic acid, ethyl ester
2023		β -Glucanase from <i>Streptomyces violaceoruber</i> expressed in <i>S. violaceoruber</i>
1989; 2003; 2008; 2015	407	Carrageenan
1999; (2003)		Carthamus red
1991; 1999; (2003)		Carthamus yellow
2011, 2019	427	Cassia gum
1987; (2005)	1503	Castor oil
1983		Catalase from <i>Micrococcus lysodeicticus</i>
2001		Cellulase from <i>Penicillium funiculosum</i>
1993		Cellulase from <i>Trichoderma longibrachiatum</i>

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1987; (2005)	925	Chlorine
1991; 2009; (2003)	141(ii)	Chlorophyllins, copper complexes, sodium and potassium salts
1991; (2003)	140	Chlorophylls
1991; (2003)	141(i)	Chlorophylls, copper complexes
1981 (2001)	1000	Cholic acid
2001		Chymosin A from <i>Escherichia coli</i> K-12 containing the prochymosin A gene
2001		Chymosin B from <i>Aspergillus niger</i> var. awamori containing the prochymosin B gene
2001		Chymosin B from <i>Kluyveromyces lactis</i> containing the prochymosin B gene
1991; (2005)		Citranaxanthin
2001; 2015	330	Citric acid
1981; 1991; (2001); 2015; 2017; 2021	472c	Citric and fatty acid esters of glycerol
2001; (2003)		Cochineal extract
2023		Collagenase from <i>Streptomyces violaceoruber</i> expressed in <i>S. violaceoruber</i>
2003; 2004	468	Cross-linked sodium carboxymethyl cellulose
1978; 1981; (2004)	519	Cupric sulfate
1997; 2003; (2003); 2004	100(i)	Curcumin
2001; 2003	424	Curdlan
2003	457	<i>alpha</i> -Cyclodextrin
1997; (2005)	459	<i>beta</i> -Cyclodextrin
2001	458	<i>gamma</i> -Cyclodextrin
1983; (2005)		Cyclohexane
1997; (2003)	952	Cyclohexylsulfamic acid
2008; 2010	1504(i)	Cyclotetraglucose
2008 2010	1504(ii)	Cyclotetraglucose syrup
2021		D-Allulose 3-epimerase from <i>Arthrobacter globiformis</i> expressed in <i>Escherichia coli</i>
1993; (2005)		Dammar gum
1981; (2001)		Desoxycholic acid
1991; 1999; 2003; (2003); 2010	472e	Diacetyltartaric and fatty acid esters of glycerol (DATEM)
1983; (2003)	342(ii)	Diammonium hydrogen phosphate
2001		Diatomaceous earth
1983; (2001)	450(vi)	Dicalcium pyrophosphate

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1983; 1999		Dichloromethane
2001		Diethyl ether
1989; (2005)		Diethyl tartrate
1993; (2005)		Diethylene glycol monoethyl ether
1981; (2004)	389	Dilauryl thiodipropionate
1993; (2005)	242	Dimethyl dicarbonate
1978; 1987; 1993; (2001)	480	Diocetyl sodium sulfosuccinate
1989; (2003)	628	Dipotassium 5'-guanylate
1978; 1989; (2003)	632	Dipotassium 5'-inosinate
1979; (2003)	340(ii)	Dipotassium hydrogen phosphate
1978; 1995; (2003)	627	Disodium 5'-guanylate
1995; (2003)	631	Disodium 5'-inosinate
1978; (2003)	635	Disodium 5'-ribonucleotides
1981; (2004)	386	Disodium ethylenediaminetetraacetate
1979; (2003)	339(ii)	Disodium hydrogen phosphate
1995; (2001); (2003)	450(i)	Disodium pyrophosphate
1995; 1997; (2004)	312	Dodecyl gallate
2021	960d	Enzyme Modified Glucosylated Steviol Glycosides
2021	960c	Enzyme Modified Steviol Glycosides
2007		Enzyme preparations used in food processing - General Specification and Consideration
1981; (2004)	315	Erythorbic acid
2001	968	Erythritol
1987; 1993; 1995; (2003), 2019	127	Erythrosine
1997		Ethyl acetate
1997		Ethyl alcohol
1983; 1985; (2003), 2013	462	Ethyl cellulose
1999	467	Ethyl hydroxyethyl cellulose
1985		Ethyl lactate
2009; 2010	243	Ethyl lauroyl arginate
1978; (2003); 2008	637	Ethyl maltol

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1987		Ethyl methyl ketone
1999	214	Ethyl p-hydroxybenzoate
1981; (2004)		Ethyl protocatechuate
1989		Eugenyl methyl ether
1989; 2009; (2003); 2018	143	Fast green FCF
1987; (2003)		Fast red E
1987; (2005)	381	Ferric ammonium citrate
1981; (2003)	538, 536, 535	Ferrocyanides of calcium, potassium and sodium
2010		Ferrous ammonium phosphate
1978; 1987; 2001	579	Ferrous gluconate
1991; (2004)	585	Ferrous lactate
2001		Ferrous sulfate
2001		Ferrous sulfate, dried
1983	1101(iv)	Ficin
1991; 2001	297	Fumaric acid
1993; 1999; 2015	418	Gellan gum
1983		Geranyl acetate
1995		<i>beta</i> -Glucanase from <i>Aspergillus niger</i>
1993; 2001		<i>beta</i> -Glucanase from <i>Trichoderma harzianum</i>
2014		Glucoamylase from <i>Trichoderma reesei</i> expressed in <i>Trichoderma reesei</i>
1983; 1999	575	Glucono <i>delta</i> -lactone
1987		Glucose isomerase from <i>Actinoplanes missouriensis</i>
1987		Glucose isomerase from <i>Bacillus coagulans</i>
1987		Glucose isomerase from <i>Streptomyces olivaceous</i>
1987		Glucose isomerase from <i>Streptomyces olivochromogenes</i>
1983; 1989		Glucose isomerase from <i>Streptomyces rubiginosus</i>
1987		Glucose isomerase from <i>Streptomyces violaceoniger</i>
1983		Glucose oxidase and catalase from <i>Aspergillus niger</i> , var.
1979; (2005)	422	Glycerol
1979; (2005); 2010	1517	Glycerol diacetate
1993; 1997; (2001); 2014, 2019	445(iii)	Glycerol ester of wood rosin (GEWR)

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1986; 1992; (2001); 2018	419	Gum ghatti
1978; 1991; (2003)	620	L(+)-Glutamic acid
1987; (2003)	142	Green S
2001	314	Guaiac resin
1989; (2003)	626	5'-Guanylic acid
2009	412	Guar gum
2009	412	Guar gum, clarified
1981; 1999	414	Gum Arabic
2001		Helium
1989; (2005)		Heptanes
1978; (2005)	239	Hexamethylene tetramine
1999		Hexanes
1999	586	4-Hexylresorcinol
2005		Hexose oxidase from <i>Chondrus crispus</i> , expressed in <i>Hansenula polymorpha</i>
1997; (2003)	507	Hydrochloric acid
2005		1-Hydroxyethylidene-1,1-diphosphonic acid
1989; 2005		Hydrogen peroxide
1999; 2001; 2003	907	Hydrogenated poly-1-decene
2005	463	Hydroxypropyl cellulose
2005; 2012	464	Hydroxypropylmethyl cellulose
1987; (2003), 2019	132	Indigotine
1989; (2003)	630	5'-Inosinic acid
1991; 2007	1202	Insoluble polyvinylpyrrolidone
2003	1103	Invertase from <i>Saccharomyces cerevisiae</i>
1983; 1987; 2005; 2009	<u>172(i)(ii)(iii)</u>	Iron oxides
1983 1999 (2005)		Isoamyl acetate
1997		Isoamyl alcohol
2008		Isoamylase from <i>Pseudomonas amyloclavata</i>
1983; 1987; 1999; (2005)		Isobutanol
1991; 1993; 1997; 2009; (2003)	953	Isomalt
1983; 1985; (2005)		Isopropyl acetate

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1981; (2004)	384	Isopropyl citrate mixture
2021	183	Jagua (genipin-glycine) blue (Jagua blue)
1991; (2003)	416	Karaya gum
1997; (2003)	425	Konjac flour
2006		Laccase from <i>Myceliophthora thermophila</i> expressed in <i>Aspergillus oryzae</i>
1997; (2005)	270	Lactic acid
1981; (2001)	472 b	Lactic acid and fatty acid esters of glycerol
1987; 1997; (2003)	966	Lactitol
1995; (2004)	322	Lecithin
1983; (2005)		Light petroleum
2016	1104	Lipase from <i>Fusarium heterosporum</i> expressed in <i>Ogataea polymorpha</i>
2021		Lipase from <i>Mucor javanicus</i>
2023		Lipase from <i>Thermomyces lanuginosus</i> and <i>Fusarium oxysporum</i> expressed in <i>Aspergillus oryzae</i>
1987; (2003)	180	Lithol rubine BK
2005, 2019	161b(i)	Lutein from <i>Tagetes erecta</i>
2017	161b(iii)	Lutein esters from <i>Tagetes erecta</i>
2007; 2010	160d(i)	Lycopene, synthetic
	160d(ii)	Lycopene, tomato
2007; 2010	160d(iii)	Lycopene, <i>Blakeslea trispora</i>
1993; (2005)	1105	Lysozyme hydrochloride
1987; (2005)	511	Magnesium chloride
1983; 1987; 1991; (2003)	625	Magnesium di-L-glutamate
2013	450(ix)	Magnesium dihydrogen diphosphate
1987; (2003)	329	Magnesium DL-lactate
1987; 2001	580	Magnesium gluconate
1985; (2005)	343(ii)	Magnesium hydrogen phosphate
1979; (2003)	528	Magnesium hydroxide
1987; (2003)	504(ii)	Magnesium hydroxide carbonate
1987; (2005)		Magnesium L-lactate
1985; (2003); 2004; 2012	553(i)	Magnesium silicate, synthetic

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
2016; 2021	470(iii)	Magnesium stearate
2008	518	Magnesium sulfate
1979; 2001; 2003; 2007	296	Malic acid, DL-
1991; 1997; 2007	965	Maltitol
1999	965	Maltitol syrup
2001		Maltogenic amylase from <i>Bacillus stearothermophilus</i> , expressed in <i>Bacillus subtilis</i>
1983; 2008	636	Maltol
2016		Maltotetrahydrolase from <i>Pseudomonas stutzeri</i> expressed in <i>Bacillus licheniformis</i>
1991; 1997; (2003)	421	Mannitol
2018; 2021	353	Metatartaric acid
1987; (2005)		Methanol
1987; (2003)	461	Methyl cellulose
1999	218	Methyl p-hydroxybenzoate
2001; 2010; 2018	460(i)	Microcrystalline cellulose
1999; 2001	905c(i)	Microcrystalline wax
1997; (2005)	905d	Mineral oil, high viscosity
2013; 2014	905e	Mineral oil, medium viscosity
1999; (2003)		Mixed carotenoids
1991; 1999; 2003; 2010; 2013; 2014; 2015; 2023	1400-1403; 1405, 1410; 1412-1414; 1422; 1440; 1442; 1450-51	Modified starches
1991; (2003)	624	Monoammonium L-glutamate
1981; (2005)		Monoglyceride citrate
2009	343(i)	Monomagnesium phosphate
1978; 1991; (2003)	622	Monopotassium L-glutamate
1991; (2003)	621	Monosodium L-glutamate
1979; 2004	235	Natamycin (pimaricin)
2004	961	Neotame
2008; 2010; 2014	234	Nisin
1983; 1985; 1997; 2001	941	Nitrogen
1987; 1989; 2001; 2012	942	Nitrous oxide

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
2005; 2017		Octanoic acid
2010; 2017	423	Octenyl succinic acid (OSA)-modified gum Arabic
1995; 1997; (2004)	311	Octyl gallate
2017	1404	Oxidized starch
2001		Oxygen
2014; 2015	160c(ii)	Paprika extract
1991; (2003)	160c	Paprika oleoresins
1991; 2009; (2003)	131	Patent blue V
2001		Pectinase from <i>Aspergillus niger</i> , var.
1987; 1993; 2003; 2008; 2010; 2017	440	Pectins
1989; 2007	451(ii)	Pentapotassium triphosphate
2001	451(i)	Pentasodium triphosphate
1999	905b	Petroleum jelly
2013; 2014		3-Phytase from <i>Aspergillus niger</i> expressed in <i>Aspergillus niger</i>
2021		Phosphatidylinositol-specific phospholipase C expressed in <i>Pseudomonas fluorescens</i> (PI-PLC)
2006		Phospholipase A ₁ from <i>Fusarium venenatum</i> expressed in <i>Aspergillus oryzae</i>
2023		Phospholipase A2 from <i>Streptomyces violaceoruber</i> expressed in <i>S. violaceoruber</i>
2009		Phospholipase C expressed in <i>Pichia pastoris</i>
1997; (2003)	338	Phosphoric acid
2009		Phytosterols, phytostanols and their esters
2005; 2021	1203	Polyvinyl alcohol
2016	1209	Polyvinyl alcohol (PVA)-polyethylene glycol (PEG) graft co-polymer
1983; 1997; 1999	1200	Polydextroses
1989; 1993; 2009; (2004)	900a	Polydimethylsiloxane
1999	964	Polyglycitol syrup
1983; (2001); 2015	435	Polyoxyethylene (20) sorbitan monostearate
1983; (2001)	436	Polyoxyethylene (20) sorbitan tristearate
2005; 2008	1203	Polyvinyl alcohol
1983; 2007	1201	Polyvinylpyrrolidone
2012	124	Ponceau 4R

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1978	261(i)	Potassium acetate
1999	402	Potassium alginate
2014; 2015	555	Potassium aluminium silicate
2014		Potassium aluminium silicate-based pearlescent pigments, Type I
2014		Potassium aluminium silicate-based pearlescent pigments, Type II
2014		Potassium aluminium silicate-based pearlescent pigments, Type III
1981; 1997; (2005)	212	Potassium benzoate
1979; (2003)	501(i)	Potassium carbonate
1983; (2005)	508	Potassium chloride
1991; (2002)	332(i)	Potassium dihydrogen citrate
1979; (2005)	340(i)	Potassium dihydrogen phosphate
1983; 1999	577	Potassium gluconate
1979; (2003)	501(i)	Potassium hydrogen carbonate
1979; (2003)	525	Potassium hydroxide
1991; (2005)	917	Potassium iodate
1978; (2004)	326	Potassium lactate, solution
1981; 2001	224	Potassium metabisulfite
1997; (2005)	252	Potassium nitrate
1997; (2005)	249	Potassium nitrite
2021	456	Potassium polyaspartate
1985; (2004)	452(ii)	Potassium polyphosphates
1999	283	Potassium propionate
1987; (2003)	954	Potassium saccharin
1995; (2005)	337	Potassium sodium L(+)-tartrate
1981; 1999	202	Potassium sorbate
1989; (2005); 2010	515(i)	Potassium sulfate
1989; 2001	225	Potassium sulfite
1979; (2003)	460(ii)	Powdered cellulose
2003; 2008	407a	Processed Euchema seaweed
1987; 1999		Propan-2-ol
1999	280	Propionic acid

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1995; 1997; (2004)	310	Propyl gallate
1999; (2005)	1520	Propylene glycol
1999	405	Propylene glycol alginate
1999; (2001)	477	Propylene glycol esters of fatty acids
1983; 2001	1101(i)	Protease from <i>Aspergillus oryzae</i> , var.
1985	1101(i)	Protease from <i>Streptomyces fradiae</i>
2006; 2012	1204	Pullulan
2012		Pullulanase from <i>Bacillus deramificans</i> expressed in <i>Bacillus licheniformis</i>
1983		Pullulanase from <i>Klebsiella aerogenes</i>
2004	999(i)	Quillaia extract (Type 1)
2004; 2006; 2105	999(ii)	Quillaia extract (Type 2)
1983; 1985; 1991; 1995		Quinine hydrochloride
1983; 1985; 1995		Quinine sulfate
1987; (2003); 2017	104	Quinoline yellow
2017; 2021	960b(i)	Steviol Glycosides from Fermentation
1987		Rennet from <i>Bacillus cereus</i>
2001		Rennet from <i>Rhizomucor</i> species
1991; (2003)	101(ii)	Riboflavin 5'-phosphate sodium
2023	101(iv)	Riboflavin from <i>Ashbya gossypii</i>
2001; (2003)	101(iii)	Riboflavin from <i>Bacillus subtilis</i>
1991; (2003)	101(i)	Riboflavin, synthetic
2023		Ribonuclease P from <i>Penicillium citrinum</i>
2017; 2021	392	Rosemary extract
1991; (2003)	954	Saccharin
1989; (2003)		Saffron
1999; 2003		Salatrim
1991; (2001)	470	Salts of fatty acids
2013		Serine protease (chymotrypsin) from <i>Nocardioopsis prasina</i> expressed in <i>Bacillus licheniformis</i>
2013		Serine protease (trypsin) from <i>Fusarium oxysporum</i> expressed in <i>Fusarium venenatum</i> (N)

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
2001	904	Shellac, bleached
1981; (2003); 2018	551	Silicon dioxide, amorphous
2003		Smoke flavourings
1978; (2003)	262(i)	Sodium acetate
1999	401	Sodium alginate
1989; (2004); 2012	541(i)	Sodium aluminium phosphate, acidic
1985; (2001); 2012	541(ii)	Sodium aluminium phosphate, basic
2018	554	Sodium aluminium silicate
1997; (2005)	211	Sodium benzoate
2003	452(ii)	Sodium calcium polyphosphate
1979; (2003)	500(i)	Sodium carbonate
1987; (2005); 2012	466	Sodium carboxymethyl cellulose
1999	469	Sodium carboxymethyl cellulose, enzymatically hydrolysed
2008		Sodium chlorite
1983; 1997; (2005)	952	Sodium cyclamate
1981; (2005)	262(ii)	Sodium diacetate
1989; (2003)	331(i)	Sodium dihydrogen citrate
1995; (2003)	339(i)	Sodium dihydrogen phosphate
1989; 2007; (2003)	350(ii)	Sodium DL-malate
1981; (2004)	316	Sodium erythorbate
1989; (2003)	365	Sodium fumarate
1983; 1999	576	Sodium gluconate
1979; (2003)	500(ii)	Sodium hydrogen carbonate
1985; 2007; (2003)	350(i)	Sodium hydrogen DL-malate
2008; 2010	514(ii)	Sodium hydrogen sulfate
1981; 2001	222	Sodium hydrogen sulfite
1979; (2003)	524	Sodium hydroxide
2001		Sodium iron (III) ethylenediaminetetraacetate, trihydrate
1995; 2007; 2008; 2010	335(ii)	Sodium L(+)-tartrate
1978; (2004)	325	Sodium lactate, solution
1981; 2001	223	Sodium metabisulfite

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1997; (2001)		Sodium metaphosphate, insoluble
1997; (2005)	251	Sodium nitrate
1997; (2005)	250	Sodium nitrite
1991; (2005)		Sodium percarbonate
1997 (2001)	452(i)	Sodium polyphosphates, glassy
1999	281	Sodium propionate
1987; (2003)	500(iii)	Sodium sesquicarbonate
1997; (2001)	481(i)	Sodium stearoyl 2-lactylate
2003; 2010	514(i)	Sodium sulfate
1981; 2001	221	Sodium sulfite
1997; (2005)		Sodium thiocyanate
1981; 2001	539	Sodium thiosulfate
1979; (2005)	200	Sorbic acid
2001	493	Sorbitan monolaurate
1991; (2001)	494	Sorbitan monooleate
1981; (2001)	495	Sorbitan monopalmitate
1981; (2001)	491	Sorbitan monostearate
1981; 1993; (2001)	492	Sorbitan tristearate
1991; 1997; (2003)	420	Sorbitol
1987; 1991; 1997; (2003)	420	Sorbitol syrup
2023	134	Spirulina extract
1978; 1981; (2004)	512	Stannous chloride
2017	1420	Starch acetate
1981; (2001)	484	Stearyl citrate
1983; 1985; (2001)		Stearyl monoglyceridyl citrate
1997; 2001	483	Stearyl tartrate
2008; 2009; 2018; 2021	960a	Steviol glycosides from <i>Stevia rebaudiana</i> Bertoni (Steviol glycosides from <i>Stevia</i>)
1983; 1985; (2001)	472g	Succinylated monoglycerides
1995; (2003); (2005)	955	Sucralose
1987; 1999; (2001); 2010	474	Sucroglycerides
1993; 1995; 1997; (2004)	444	Sucrose acetate isobutyrate

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1991; 2001; 2008; 2010; 2012; 2018	473	Sucrose esters of fatty acids
2012		Sucrose monoesters of lauric, palmitic or stearic acid
2010	473a	Sucrose oligoesters Type I
1999	220	Sulfur dioxide
1995; (2003)	513	Sulfuric acid
1987; 2009; (2003)	110	Sunset yellow FCF
2003; 2004	963	D-Tagatose
2003	161b(ii)	Tagetes extract
2001; 2004	553(iii)	Talc
2018	473	Tamarind seed polysaccharide
1993; (2005); 2010	181	Tannic acid
1987; (2003)	417	Tara gum
1981; 1987; 2001		DL-Tartaric acid
1979; 2001	334	L(+)-Tartaric acid
1987; (2003); 2017	102	Tartrazine
1979; 1993; 1999; (2004)	319	Tertiary butylhydroquinone
1995; (2001)	450(iii)	Tetrasodium pyrophosphate
1987; 2001	957	Thaumatococcus
1993; (2001)		Thermally oxidized soya bean oil
1993; (2001)	479	Thermally oxidized soya bean oil interacted with mono- and diglycerides of fatty acids
1981; (2004)	388	Thiodipropionic acid
1979; 1993; 2007; 2010; 2013	171	Titanium dioxide
2004		Tocopherol, d- <i>alpha</i>
2001		d- <i>alpha</i> -Tocopherol , concentrate
1989; (2004)	307c	DL- <i>alpha</i> -Tocopherol
1979; 1989; (2004)		Tocopherol concentrate, mixed
1983; (2005)		Toluene
1989; (2003)	413	Tragacanth gum
2001		Trehalose
1997; (2005)	1518	Triacetin

سنة الاعتماد	الرقم بحسب ترقيم النظام الدولي	المادة المضافة إلى الأغذية
1981; (2003)	341(iii)	Tricalcium phosphate
1985		1,1,2-Trichlorotrifluorethane
1983; 1987; (2004); 2010	1505	Triethyl citrate
1981; (2003)	343(iii)	Trimagnesium phosphate
1979; 2001; (2003)	332(ii)	Tripotassium citrate
1979; (2003)	340(iii)	Tripotassium phosphate
1979; (2003)	331(iii)	Trisodium citrate
2009	450(ii)	Trisodium diphosphate
1979; (2003)	339(iii)	Trisodium phosphate
1991; (2003)		Turmeric oleoresin
1995; (2005)	927b	Urea
1993; (2003)	153	Vegetable carbon
1995; 2001; 2017	415	Xanthan gum
2005		Xylanase (resistant to xylanase inhibitor) from <i>Bacillus subtilis</i> containing a modified xylanase gene from <i>Bacillus subtilis</i>
2005		Xylanase from <i>Bacillus subtilis</i> expressed in <i>Bacillus subtilis</i>
2004		Xylanase from <i>Thermomyces lanuginosus</i> expressed in <i>Fusarium venenatum</i>
2004		Mixed Xylanase, beta-glucanase enzyme preparation, produced by a strain of <i>Humicola insolens</i>
1991; 1997; (2003)	967	Xylitol
2018; 2021	455	Yeast mannoproteins
2005; 2007	161h(i)	Zeaxanthin, synthetic

الجدول 2 - قائمة بمواصفات الدستور الغذائي الخاصة بالمنكهات

(واردة حسب التسلسل الرقمي وفقاً لأرقام لجنة الخبراء المشتركة بين منظمة الأغذية والزراعة ومنظمة الصحة العالمية المعنية بالمواد المضافة إلى الأغذية)

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2001	Allyl propionate	0001
1997	Allyl butyrate	0002
1997	Allyl hexanoate	0003
1997	Allyl heptanoate	0004
1997	Allyl octanoate	0005
1997	Allyl nonanoate	0006
1997	Allyl isovalerate	0007
1997	Allyl 10-undecenoate	0009
2003	Allyl tiglate	0010
1997	Allyl 2-ethylbutyrate	0011
2003	Allyl cyclohexaneacetate	0012
1999	Allyl cyclohexanepropionate	0013
2003	Allyl cyclohexanebutyrate	0014
2003	Allyl cyclohexanevalerate	0015
2003	Allyl cyclohexanehexanoate	0016
2001	Allyl phenylacetate	0017
1997	Allyl phenoxyacetate	0018
2001	Allyl cinnamate	0019
2001	Allyl anthranilate	0020
2001	Allyl 2-furoate	0021
1997; 2003	Benzaldehyde	0022
1997; 2003	Benzyl acetate	0023

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1997; 2003	Benzyl benzoate	0024
1997; 2003	Benzyl alcohol	0025
1997	Ethyl formate	0026
1997	Ethyl acetate	0027
1997	Ethyl propionate	0028
1997	Ethyl butyrate	0029
1997	Ethyl pentanoate	0030
1997	Ethyl hexanoate	0031
1997	Ethyl heptanoate	0032
1999	Ethyl octanoate	0033
1987; 1999	Ethyl nonanoate	0034
1997	Ethyl decanoate	0035
2001	Ethyl undecanoate	0036
1997	Ethyl dodecanoate	0037
1997	Ethyl tetradecanoate	0038
2001	Ethyl hexadecanoate	0039
1997; 2001	Ethyl octadecanoate	0040
2001	Ethanol	0041
1997; 2003; 2004	Isoamyl formate	0042
1999	Isoamyl acetate	0043
1997	Isoamyl propionate	0044
1983; 1999	Isoamyl butyrate	0045
1997	Isoamyl hexanoate	0046
2001	Isoamyl octanoate	0047
2001	Isoamyl nonanoate	0048
1999	Isoamyl isobutyrate	0049
1999	Isoamyl isovalerate	0050

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Isoamyl 2-methylbutyrate	0051
1997	Isoamyl alcohol	0052
1999; 2005	Citronellyl formate	0053
1999; 2004	Geranyl formate	0054
1999; 2005	Neryl formate	0055
1999; 2004	Rhodinylyl formate	0056
1999; 2004	Citronellyl acetate	0057
1999; 2003	Geranyl acetate	0058
1999	Neryl acetate	0059
1999; 2004	Rhodinylyl acetate	0060
1999; 2004	Citronellyl propionate	0061
1999; 2004	Geranyl propionate	0062
1999	Neryl propionate	0063
2003	Rhodinylyl propionate	0064
1999; 2004	Citronellyl butyrate	0065
1999; 2004	Geranyl butyrate	0066
1999	Neryl butyrate	0067
1999; 2005	Rhodinylyl butyrate	0068
2001	Citronellyl valerate	0069
2003	Geranyl hexanoate	0070
1999; 2004	Citronellyl isobutyrate	0071
2003	Geranyl isobutyrate	0072
1999; 2004	Neryl isobutyrate	0073
2003	Rhodinylyl isobutyrate	0074
2001	Geranyl isovalerate	0075
1999	Neryl isovalerate	0076
2003	Rhodinylyl isovalerate	0077

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Dimethyl-2,6-octadien-1-yl 2-ethylbutanoate	0078
1999; 2001	Formic acid	0079
1999; 2001	Acetaldehyde	0080
1999; 2001	Acetic acid	0081
1999	Propyl alcohol	0082
1999; 2001	Propionaldehyde	0083
1999; 2001	Propionic acid	0084
1999; 2001	Butyl alcohol	0085
1999; 2001	Butyraldehyde	0086
1999	Butyric acid	0087
1999	Amyl alcohol	0088
1999	Valeraldehyde	0089
1999	Valeric acid	0090
1999; 2001	Hexyl alcohol	0091
1999	Hexanal	0092
1999	Hexanoic acid	0093
1999	Heptyl alcohol	0094
1999; 2003; 2004	Heptanal	0095
1999	Heptanoic acid	0096
1999	1-Octanol	0097
1987; 1999; 2004	Octanal	0098
1999; 2001	Octanoic acid	0099
1999	Nonyl alcohol	0100
1983; 1999; 2003; 2004	Nonanal	0101
1999	Nonanoic acid	0102
1999	1-Decanol	0103
1999; 2004	Decanal	0104

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999; 2001	Decanoic acid	0105
1999	Undecyl alcohol	0106
1999; 2004	Undecanal	0107
1999; 2001	Undecanoic acid	0108
1999	Lauryl alcohol	0109
1999; 2004	Lauric aldehyde	0110
1999; 2003	Lauric acid	0111
1999; 2004	Myristaldehyde	0112
1999; 2003	Myristic acid	0113
1999	1-hexadecanol	0114
1999; 2003	Palmitic acid	0115
1999; 2003	Stearic acid	0116
1999; 2003; 2004	Propyl formate	0117
1999	Butyl formate	0118
1999; 2003; 2004	n-Amyl formate	0119
1999	Hexyl formate	0120
2001	Heptyl formate	0121
1999	Octyl formate	0122
1999	<i>cis</i> -3-Hexenyl formate	0123
1999; 2003; 2004	Isobutyl formate	0124
1999	Methyl acetate	0125
1999	Propyl acetate	0126
1999	Butyl acetate	0127
1999	Hexyl acetate	0128
1999	Heptyl acetate	0129
1999	Octyl acetate	0130
1999	Nonyl acetate	0131

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999	Decyl acetate	0132
1999; 2001	Lauryl acetate	0133
1999	<i>cis</i> -3-Hexenyl acetate	0134
1999	<i>trans</i> -3-Heptenyl acetate	0135
1999	10-Undecen-1-yl acetate	0136
1999	Isobutyl acetate	0137
1999	2-Methylbutyl acetate	0138
1999	Acetone	0139
2001	2-Ethylbutyl acetate	0140
1999; 2021	Methyl propionate	0141
1999	Propyl propionate	0142
1999	Butyl propionate	0143
1999	Hexyl propionate	0144
1999	Octyl propionate	0145
1999	Decyl propionate	0146
1999; 2001	<i>cis</i> -3 and <i>trans</i> -2 Hexenyl propionate	0147
1999	Isobutyl propionate	0148
1999	Methyl butyrate	0149
1999	Propyl butyrate	0150
1999	Butyl butyrate	0151
1999	n-Amyl butyrate	0152
1999	Hexyl butyrate	0153
2001	Heptyl butyrate	0154
2001	Octyl butyrate	0155
2001	Decyl butyrate	0156
1999	<i>cis</i> -3-Hexenyl butyrate	0157
1999	Isobutyl butyrate	0158

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999	Methyl valerate	0159
1999	Butyl valerate	0160
1999	Propyl hexanoate	0161
1999	Butyl hexanoate	0162
1999	n-Amyl hexanoate	0163
1999	Hexyl hexanoate	0164
2001	cis-3-Hexenyl hexanoate	0165
1999; 2001	Isobutyl hexanoate	0166
1999	Methyl heptanoate	0167
2001	Propyl heptanoate	0168
2001	Butyl heptanoate	0169
1999; 2003; 2004	n-Amyl heptanoate	0170
2001	Octyl heptanoate	0171
2003	Isobutyl heptanoate	0172
1999	Methyl octanoate	0173
1999	n-Amyloctanoate	0174
1999	Hexyl octanoate	0175
2001	Heptyl octanoate	0176
2001	Octyl octanoate	0177
2003	Nonyl octanoate	0178
1999	Methyl nonanoate	0179
1999; 2003; 2004	Methyl laurate	0180
1999	Butyl laurate	0181
2003	Isoamyl laurate	0182
1999	Methyl myristate	0183
2003	Butyl stearate	0184
1999	Methyl isobutyrate	0185

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999	Ethyl isobutyrate	0186
1999	Propyl isobutyrate	0187
1999	Butyl isobutyrate	0188
1999	Hexyl isobutyrate	0189
1999	Heptyl isobutyrate	0190
1999; 2003	<i>trans</i> -3-Heptenyl 2-methylpropanoate	0191
1999	Octyl isobutyrate	0192
1999; 2001	Dodecyl isobutyrate	0193
1999	Isobutyl isobutyrate	0194
1999	Methyl isovalerate	0195
1999	Ethyl isovalerate	0196
1999	Propyl isovalerate	0197
1999	Butyl isovalerate	0198
1999	Hexyl 3-methylbutanoate	0199
1999	Octyl isovalerate	0200
1999	Nonyl isovalerate	0201
1999	3-Hexenyl 3-methylbutanoate	0202
1999	2-Methylpropyl 3-methylbutyrate	0203
2001	2-Methylbutyl 3-methylbutanoate	0204
1999; 2003; 2004	Methyl 2-methylbutyrate	0205
1999; 2001	Ethyl 2-methylbutyrate	0206
1999	n-Butyl 2-methylbutyrate	0207
1999	Hexyl 2-methylbutanoate	0208
1999	Octyl 2-methylbutyrate	0209
2001	Isopropyl 2-methylbutyrate	0210
2001	3-Hexenyl 2-methylbutanoate	0211
1999; 2003; 2004	2-Methylbutyl 2-methylbutyrate	0212

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2001	Methyl 2-methylpentanoate	0213
1999; 2001	Ethyl 2-methylpentanoate	0214
2001	Ethyl 3-methylpentanoate	0215
1999; 2001	Methyl 4-methylvalerate	0216
1999	<i>trans</i> -Anethole	0217
1999; 2001	Citric acid	0218
1999	4-Hydroxybutyric acid lactone	0219
1999	<i>gamma</i> -Valerolactone	0220
1999	4-Hydroxy-3-pentenoic acid lactone	0221
1999; 2001	5-Ethyl-3-hydroxy-4-methyl-2(5H)-furanone	0222
1999	<i>gamma</i> -Hexalactone	0223
1999	<i>delta</i> -Hexalactone	0224
1999; 2001	<i>gamma</i> -Heptalactone	0225
1999; 2001	<i>gamma</i> -Octalactone	0226
1999; 2001	4,4-Dibutyl- <i>gamma</i> -butyrolactone	0227
1999; 2001	<i>delta</i> -Octalactone	0228
1999; 2001	<i>gamma</i> -Nonalactone	0229
1999	Hydroxynonanoic acid <i>delta</i> -lactone	0230
1999	<i>gamma</i> -Decalactone	0231
1999; 2001	<i>delta</i> -Decalactone	0232
1999	<i>gamma</i> -Undecalactone	0233
1999	5-Hydroxyundecanoic acid lactone	0234
1999	<i>gamma</i> -Dodecalactone	0235
1999; 2001	<i>delta</i> -Dodecalactone	0236
1999; 2004	6-Hydroxy-3,7-dimethyloctanoic acid lactone	0237
1999	<i>delta</i> -Tetradecalactone	0238
2001	<i>omega</i> -Pentadecalactone	0239

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999; 2003	<i>omega</i> -6-Hexadecenlactone	0240
2001	<i>epsilon</i> -Decalactone	0241
1999; 2001	<i>epsilon</i> -Dodecalactone	0242
1999; 2001	4,5-Dimethyl-3-hydroxy-2,5-dihydrofuran-2-one	0243
2004	3-Heptyldihydro-5-methyl-2(3H)-furanone	0244
1999; 2001	5-Hydroxy-2,4-decadienoic acid <i>delta</i> -lactone	0245
1999	5-Hydroxy-2-decenoic acid <i>delta</i> -lactone	0246
2001	5-Hydroxy-7-decenoic acid <i>delta</i> -lactone	0247
2001	5-Hydroxy-8-undecenoic acid <i>delta</i> -lactone	0248
2003	<i>cis</i> -4-Hydroxy-6-dodecenoic acid lactone	0249
1999	<i>gamma</i> -Methyldecalactone	0250
1983; 1999; 2001	Isobutyl alcohol	0251
1999; 2001	Isobutyraldehyde	0252
1999	Isobutyric acid	0253
1999	2-Methylbutyraldehyde	0254
1999	2-Methylbutyric acid	0255
1999; 2001	2-Ethylbutyraldehyde	0256
1999	2-Ethylbutyric acid	0257
1999	3-Methylbutyraldehyde	0258
1999	Isovaleric acid	0259
2003	2-Methylpentanal	0260
1999	2-Methylvaleric acid	0261
1999	3-Methylpentanoic acid	0262
1999	3-Methyl-1-pentanol	0263
1999	4-Methylpentanoic acid	0264
1999; 2003	2-Methylhexanoic acid	0265
1999; 2003	5-Methylhexanoic acid	0266

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999	2-Ethyl-1-hexanol	0267
1999	3,5,5-Trimethyl-1-hexanol	0268
1999	3,5,5-Trimethylhexanal	0269
2003	2-Methyloctanal	0270
2001	4-Methyloctanoic acid	0271
1999	3,7-Dimethyl-1-octanol	0272
2993	2,6-Dimethyloctanal	0273
1999	4-Methylnonanoic acid	0274
1999; 2003	2-Methylundecanal	0275
1999	Isopropyl alcohol	0277
1999	2-Butanone	0278
1999	2-Pentanone	0279
1999	2-Pentanol	0280
1999	3-Hexanol	0282
1999	2-Heptanone	0283
1999	2-Heptanol	0284
1999	3-Heptanone	0285
1999	3-Octanol	0291
1999	2-Nonanone	0292
1999	2-Nonanol	0293
1999	3-Nonanone	0294
1999	3-Decanol	0295
1999	2-Undecanone	0296
1999	2-Undecanol	0297
1999; 2001	2-Tridecanone	0298
2001	2-Pentadecanone	0299
2001	3-Methyl-2-butanol	0300

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999	4-Methyl-2-pentanone	0301
1999	2,6-Dimethyl-4-heptanone	0302
1999	2,6-Dimethyl-4-heptanol	0303
2003	Isopropyl formate	0304
1999	Isopropyl acetate	0305
2003	Isopropyl propionate	0306
1999	Isopropyl butyrate	0307
2003	Isopropyl hexanoate	0308
1999	Isopropyl isobutyrate	0309
1999; 2003	Isopropyl isovalerate	0310
1999; 2001	Isopropyl myristate	0311
1999	Isopropyl tiglate	0311
1999	3-Octyl acetate	0313
1999	4-Pentenoic acid	0314
1999	<i>cis</i> -3-Hexen-1-ol	0315
2001	<i>cis</i> -3-Hexenal	0316
2001	3-Hexenoic acid	0317
1999	4-Hexen-1-ol	0318
2001	<i>cis</i> -4-Hexenal	0319
1999; 2001	<i>cis</i> -4-Heptenal	0320
1999	<i>cis</i> -3-Octen-1-ol	0321
1999; 2003	<i>cis</i> -5-Octen-1-ol	0322
1999; 2003	<i>cis</i> -5-Octenal	0323
1999;2001	<i>cis</i> -6-Nonen-1-ol	0324
1999; 2003	<i>cis</i> -6-Nonenal	0325
1999; 2003	4-Decenal	0326
2001	(5- and 6)-Decenoic acid (mixture)	0327

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999; 2003	9-Decenoic acid	0328
2004	9-Undecenal	0329
1999; 2003	10-Undecenal	0330
1999	10-Undecenoic acid	0331
2004	Linoleic and linolenic acid (mixture)	0332
2001	Oleic acid	0333
2003	Methyl 3-hexenoate	0334
1999	Ethyl 3-hexenoate	0335
1999	cis-3-Hexenyl cis-3-hexenoate	0336
2004	Methyl cis-4-octenoate	0337
2004	Ethyl cis-4-octenoate	0338
2001	cis-4,7-Ethyl octadienoate	0339
2001	Methyl 3-nonenoate	0340
2001	Ethyl trans-4-decenoate	0341
2001	Methyl 9-undecenoate	0342
1999	Ethyl 10-undecenoate	0343
2003	Butyl 10-undecenoate	0344
1999; 2021	Ethyl oleate	0345
1999; 2004	Methyl linoleate and methyl linolenate (mixture)	0346
2003	Methyl-3-pentenoic acid	0347
2003; 2004	2,6-Dimethyl-6-hepten-1-ol	0348
1999; 2004	2,6-Dimethyl-5-heptenal	0349
2003	Ethyl 2-methyl-3-pentenoate	0350
1999	Ethyl 2-methyl-4-pentenoate	0351
2003	Hexyl 2-methylpent-(3 and 4)-enoate (mixture)	0352
2001	Ethyl 2-methyl-3,4-pentadienoate	0353
1999; 2001	Methyl 3,7-dimethyl-6-octenoate	0354

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999	2-Methyl-4-pentenoic acid	0355
1985; 1999	Linalool	0356
1999	Tetrahydrolinalool	0357
1999; 2004	Linalyl formate	0358
1985; 1999	Linalyl acetate	0359
1999; 2004	Linalyl propionate	0360
1999	Linalyl butyrate	0361
1999	Linalyl isobutyrate	0362
1999; 2001	Linalyl isovalerate	0363
1999	Linalyl hexanoate	0364
2001	Linalyl octanoate	0365
1999	<i>alpha</i> -Terpineol	0366
1999; 2003	Terpinyl formate	0367
1999	Terpinyl acetate	0368
1999	Terpinyl propionate	0369
2003	Terpinyl butyrate	0370
2001	Terpinyl isobutyrate	0371
2003	Terpinyl isovalerate	0372
2001	p-menth-3-en-1-ol	0373
2003	p-menth-8-en-1-ol	0374
1999	p-Menthan-2-one	0375
2001	p-Menthan-2-ol	0376
2001	Dihydrocarvone	0377
1999	Dihydrocarveol	0378
1999	Dihydrocarvyl acetate	0379
1983; 1987; 1993; 1999; 2021	d-Carvone	380.1
1983; 1987; 1993; 1999	l-Carvone	380.2

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999	Carveol	0381
1999	Carvyl acetate	0382
2001	Carvyl propionate	0383
1999; 2004	<i>beta</i> -Damascone	0384
1999; 2004	<i>alpha</i> -Damascone	0385
1999	<i>delta</i> -Damascone	0386
1999	Damascenone	0387
1987; 1999; 2003	<i>alpha</i> -Ionone	0388
1987; 1999	<i>beta</i> -Ionone	0389
2003	Ionone	0390
1999	<i>alpha</i> -Ionol	0391
2001	<i>beta</i> -Ionol	0392
1999	Dihydro- <i>alpha</i> -ionone	0393
2001	Dihydro- <i>beta</i> -ionone	0394
1999	Dihydro- <i>beta</i> -ionol	0395
2004	Dehydrodihydroionone	0396
2004	Dehydrodihydroionol	0397
2001	Methyl- <i>alpha</i> -ionone	0398
1999; 2005	Methyl- <i>beta</i> - ionone	0399
2001	Methyl- <i>delta</i> -ionone	0400
1999; 2003	Allyl <i>alpha</i> -ionone	0401
2001	1,4-Dimethyl-4-acetyl-1-cyclohexene	0402
1999	<i>alpha</i> -Irone	0403
1999; 2003	<i>alpha</i> -Iso-methyionone	0404
1999	Acetoin	0405
2001	2-Acetoxy-3-butanone	0406
2001	Butan-3-one-2-yl butanoate	0407

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999	Diacetyl	0408
2004	3-Hydroxy-2-pentanone	0409
1999; 2004	2,3-Pentanedione	0410
2001	4-Methyl-2,3-pentanedione	0411
1999; 2001	2,3-Hexandione	0412
1999	3,4-Hexanedione	0413
2001	5-Methyl-2,3-hexandione	0414
1999	2,3-Heptanedione	0415
2003	5-Hydroxy-4-octanone	0416
2004	2,3-Undecadione	0417
2001	Methylcyclopentenolone	0418
1999; 2004	Ethylcyclo-pentenolone	0419
1999; 2001	3,4-Dimethyl-1,2-cyclopentandione	0420
2001	3,5-Dimethyl-1,2-cyclopentandione	0421
1999; 2004	3-Ethyl-2-hydroxy-4-methylcyclopent-2-en-1-one	0422
1999; 2004	5-Ethyl-2-hydroxy-3-methylcyclopent-2-en-1-one	0423
2003	2-Hydroxy-2-cyclohexen-1-one	0424
1999	1-Methyl-2,3-cyclohexanedione	0425
1999; 2001	2-Hydroxy-3,5,5-trimethyl-2-cyclohexen-1-one	0426
1999	Menthol	0427
2003	d-neo-Menthol	0428
1999	Menthone	0429
1999	d,l-Isomenthone	0430
1999	Menthyl acetate	0431
1999; 2001	Menthyl isovalerate	0432
1999; 2001	l-Menthyl lactate	0433
2003, 2019	p-Menth-1-en-3-ol	0434

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1999; 2004	Piperitone	0435
1999	4-Hydroxy-3-methyloctanoic acid <i>gamma</i> -lactone	0437
2001	5-Hydroxy-2-dodecenoic acid <i>delta</i> -lactone	0438
1999; 2001	4-Carvomenthol	0439
2003	2-Ethyl-1,3,3-trimethyl-2-norbornanol	0440
2001	4-Thujanol	0441
2003	Methyl 1-acetoxycyclohexyl ketone	0442
1999; 2004	l-Menthol ethylene glycol carbonate	0443
1999	(-)-Menthol 1-and 2-propylene glycol carbonate	0444
1999	(-)-Menthone 1,2-glycerol ketal	0445
1999; 2001	(±)-Menthone-1,2-glycerol ketal	0446
1999	mono-Menthyl succinate	0447
1999; 2003	Furfural	0450
1999; 2001	Furfuryl alcohol	0451
2001	Methyl sulfide	0452
2001	Methyl ethyl sulfide	0453
2001	Diethyl sulfide	0454
2003	Butyl sulfide	0455
2001	1,4-Dithiane	0456
2003	(1-Buten-1-yl) methyl sulphide	0457
2001	Allyl sulfide	0458
2001	Methyl phenyl sulfide	0459
2001	Benzyl methyl sulfide	0460
2003	3-(Methylthio)propanol	0461
2001	4-(Methylthio)butanol	0462
2001	3-(Methylthio)-1-hexanol	0463
2001	2-Methyl-4-propyl-1,3-oxathiane	0464

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2004	2-Methylthioacetaldehyde	0465
2001	3-(Methylthio)propionaldehyde	0466
2001	3-(Methylthio)butanal	0467
2004	4-(Methylthio)butanal	0468
2001	3-Methylthiohexanal	0469
2004	2-(Methylthiomethyl)-2-butenal	0470
2005	2,8-Dithianon-4-en-4-carboxaldehyde	0471
2001	Methyl 3-(methylthio)propionate	0472
2004	Methylthiomethyl butyrate	0473
2001	Methyl 4-(methylthio)butyrate	0474
2001	Ethyl 2-(methylthio)acetate	0475
2003	Ethyl 3-(methylthio)propionate	0476
2001	Ethyl 4-(methylthio)butyrate	0477
2003	3-(Methylthio)propyl acetate	0478
2004	Methylthiomethyl hexanoate	0479
2004	Ethyl 3-(methylthio)butyrate	0480
2001	3-(Methylthio)hexyl acetate	0481
2001	S-Methyl thioacetate	0482
2003	Ethyl thioacetate	0483
2001	Methyl thiobutyrate	0484
2001	Propyl thioacetate	0485
2001	S-Methyl 2-methylbutanethioate	0486
2001	3-Methylbutanethioate	0487
2004	S-Methyl 4-methylpentanethioate	0488
2004	S-Methyl hexanethioate	0489
2003	Allyl thiopropionate	0490
2001	Prenyl thioacetate	0491

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Methylthio 2-(acetyloxy) propionate	0492
2003	Methylthio 2-(propionyloxy) propionate	0493
2001	3-(Acetylmercapto)hexyl acetate	0494
2004	1-Methylthio-2-propanone	0495
2001	1-(Methylthio)-2-butanone	0496
2001	4-(Methylthio)-2-butanone	0497
2001	4,5-Dihydro-3(2H)-thiophenone	0498
2001	2-Methyltetrahydrothiophen-3-one	0499
2001	4-(Methylthio)-4-methyl-2-pentanone	0500
2001	Sodium 4-(methylthio)-2-oxobutanoate	0501
2004	Di(butan-3-one-1-yl) sulfide	0502
2001	o-(Methylthio)phenol	0503
2005	S-Methyl benzothioate	0504
2001	2-(Methylthiomethyl)-3-phenylpropanal	0505
2001	Menthone-8-thioacetate	0506
2001	Methylsulfinylmethane	0507
2001	Methyl mercaptan	0508
2001	Propanethiol	0509
2003	2-Propanethiol	0510
2001	1-Butanethiol	0511
2001	2-Methyl-1-propanethiol	0512
2001	3-Methylbutanethiol	0513
2001	2-Pentanethiol	0514
2001	2-Methyl-1-butanethiol	0515
2001	Cyclopentanethiol	0516
2001	3-Methyl-2-butanethiol	0517
2001	1-Hexanethiol	0518

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2004	2-Ethylhexanethiol	0519
2001	2-, 3- or 10-Mercaptopinane	0520
2001	Allyl mercaptan	0521
2001	Prenyl thiol	0522
2001	1-p-Menthene-8-thiol	0523
2001	Thiogeraniol	0524
2001	Benzenethiol	0525
2001	Benzyl mercaptan	0526
2001	Phenethyl mercaptan	0527
2001	o-Toluenethiol	0528
2001	2-(Ethylthio)phenol	0529
2001	2,6-(Dimethyl)thiophenol	0530
2001; 2003	2-Naphthalenethiol	0531
2001	1,2-Ethanedithiol	0532
2001	bis (Methylthio)methane	0533
2001	2-Methyl-1,3-dithiolane	0534
2001	1,3-Propanedithiol	0535
2001	1,2-Propanedithiol	0536
2001	1,2-Butanedithiol	0537
2001	1,3-Butanedithiol	0538
2001	2,3-Butanedithiol	0539
2003	1,6-Hexanedithiol	0540
2001	1,8-Octanedithiol	0541
2003	1,9-Nonanedithiol	0542
2003	Trithioacetone	0543
2001	3-Mercapto-3-methyl-1-butanol	0544
2001	3-Mercaptohexanol	0545

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2001	2-Mercapto-3-butanol	0546
2001; 2021	<i>alpha</i> -Methyl- <i>beta</i> -hydroxypropyl <i>alpha</i> -methyl- <i>beta</i> -mercaptopropyl sulfide	0547
2004	4-Methoxy-2-methyl-2-butanethiol	0548
2001	3-Mercapto-3-methylbutyl formate	0549
2001	2,5-Dihydroxy-1,4-dithiane	0550
2003	2-Mercaptopropionic acid	0551
2001	Ethyl 2-mercaptopropionate	0552
2003	Ethyl 3-mercaptopropionate	0553
2001	3-Mercaptohexyl acetate	0554
2001	3-Mercaptohexyl butyrate	0555
2004	3-Mercaptohexyl hexanoate	0556
2005	1-Mercapto-2-propanone	0557
2001	3-Mercapto-2-butanone	0558
2004	2-Keto-4-butanethiol	0559
2001	3-Mercapto-2-pentanone	0560
2001	p-Mentha-8-thiol-3-one	0561
2003	2,5-Dimethyl-2,5-dihydroxy-1,4-dithiane	0562
2001	Sodium 3-mercapto-oxopropionate	0563
2003	Dimethyl disulfide	0564
2001	Methyl propyl disulfide	0565
2003	Propyl disulfide	0566
2001	Di-isopropyl disulfide	0567
2004	Allyl methyl disulfide	0568
2004	Methyl 1-propenyl disulfide	0569
2005	Propenyl propyl disulfide	0570
2004	Methyl 3-methyl-1-butenyl disulphide	0571
2001	Allyl disulfide	0572

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2001	3,5-Dimethyl-1,2,4-trithiolane	0573
2001	3-Methyl-1,2,4-trithiane	0574
2001	Dicyclohexyl disulfide	0575
2001	Methyl phenyl disulfide	0576
2001	Methyl benzyl disulfide	0577
2001	Phenyl disulfide	0578
2001	Benzyl disulfide	0579
2003	2-Methyl-2-(methyldithio)propanal	0580
2003	Ethyl 2-(methyldithio)propionate	0581
2001	Dimethyl trisulfide	0582
2004	Methyl ethyl trisulfide	0583
2001	Methyl propyl trisulfide	0584
2001	Dipropyl trisulfide	0585
2004	Allyl methyl trisulfide	0586
2001	Diallyl trisulfide	0587
2001	Diallyl polysulfide	0588
2001	2-Oxobutyric acid	0589
2004	Methyl 2-hydroxy-4-methylpentanoate	0590
2003	Methyl 2-oxo-3-methylpentanoate	0591
2004	Citronellyl oxyacetaldehyde	0592
2001	3-Oxobutanal dimethyl acetal	0593
2001	Ethyl 3-hydroxybutyrate	0594
2001	Ethyl acetoacetate	0595
2001	Butyl acetoacetate	0596
2001	Isobutyl acetoacetate	0597
2001	Isoamyl acetoacetate	0598
2003	Geranyl acetoacetate	0599

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2001	Methyl 3-hydroxyhexanoate	0600
2003	Ethyl 3-hydroxyhexanoate	0601
2003	Ethyl 3-oxohexanoate	0602
2004	Ethyl 2,4-dioxohexanoate	0603
2004	3-(Hydroxymethyl)-2-heptanone	0604
2005	1,3-nonanediol acetate (mixed esters)	0605
2003	Levulinic acid	0606
2001	Ethyl levulinate	0607
2003	Butyl levulinate	0608
2003	1,4-Nonanediol diacetate	0609
2001	Hydroxycitronellol	0610
2001	Hydroxycitronellal	0611
2001	Hydroxycitronellal dimethyl acetal	0612
2001	Hydroxycitronellal diethyl acetal	0613
2003	Diethyl malonate	0614
2005	Butyl ethyl malonate	0615
2003	Dimethyl succinate	0616
2003	Diethyl succinate	0617
2001	Fumaric acid	0618
2001, 2019	L-Malic acid	0619
2001	Diethyl malate	0620
2001	Tartaric acid (+)-, (-)-, (+/-)-, meso-	0621
2003	Diethyl tartrate	0622
2001	Adipic acid	0623
2003	Diethyl sebacate	0624
2003; 2004	Dibutyl sebacate	0625
2003	Ethylene brassylate	0626

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Aconitic acid	0627
2003	Ethyl aconitate (mixed esters)	0628
2005	Triethyl citrate	0629
2001	3-Methyl-2-oxobutanoic acid	0630
2001	Tributyl acetyl citrate	0630
2001; 2008	3-Methyl-2-oxobutanoic acid	631
2008	Sodium 3-Methyl-2-oxobutanoate	631.1
2001; 2008	3-Methyl-2-oxopentanoic acid	0632
2008	Sodium 3-Methyl-2-oxopentanoate	632.1
2001; 2008	4-Methyl-2-oxopentanoic acid	0633
2008	Sodium 4-Methyl-2-oxopentanoate	633.1
2001	2-Oxopentanedioic acid	0634
2001	3-Hydroxy-2-oxopropionic acid	0635
2001	3-Phenyl-1-propanol	0636
2001	3-Phenylpropyl formate	0637
2001	3-Phenylpropyl acetate	0638
2001	3-Phenylpropyl propionate	0639
2001	3-Phenylpropyl isobutyrate	0640
2001	3-Phenylpropyl isovalerate	0641
2003	3-Phenylpropyl hexanoate	0642
2001	Methyl 3-phenylpropionate	0643
2001	Ethyl 3-phenylpropionate	0644
2003	3-Phenylpropionaldehyde	0645
2001	3-Phenylpropionic acid	0646
2001	Cinnamyl alcohol	0647
2003	Cinnamaldehyde ethylene glycol acetal	0648
2001	Cinnamyl formate	0649

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2001	Cinnamyl acetate	0650
2001	Cinnamyl propionate	0651
2003	Cinnamyl butyrate	0652
2001	Cinnamyl isobutyrate	0653
2001	Cinnamyl isovalerate	0654
2001	Cinnamyl phenylacetate	0655
1987; 2003	Cinnamaldehyde	0656
2001	Cinnamic acid	0657
2001	Methyl cinnamate	0658
2001	Ethyl cinnamate	0659
2003	Propyl cinnamate	0660
2001	Isopropyl cinnamate	0661
2003	Butyl cinnamate	0663
2001	Isobutyl cinnamate	0664
2001	Isoamyl cinnamate	0665
2003	Heptyl cinnamate	0666
2001	Cyclohexyl cinnamate	0667
2004	Linalyl cinnamate	0668
2004	Terpinyl cinnamate	0669
2001	Benzyl cinnamate	0670
2003	Phenethyl cinnamate	0671
2003	3-Phenylpropyl cinnamate	0672
2003	Cinnamyl cinnamate	0673
2001	alpha-Pentylcinnamyl alcohol	0674
2001	5-Phenylpentanol	0675
2003	alpha-Amylcinnamyl formate	0676
2003	alpha-Amylcinnamyl acetate	0677

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	alpha-Amylcinnamyl isovalerate	0678
2001	3-Phenyl-4-pentenal	0679
2001	3-(p-Isopropylphenyl)propionaldehyde	0680
2003	alpha-Amylcinnamaldehyde dimethyl acetal	0681
2001	p-Methylcinnamaldehyde	0682
2001	alpha-Methylcinnamaldehyde	0683
2001	alpha-Butylcinnamaldehyde	0684
2001	alpha-Amylcinnamaldehyde	0685
2001	alpha-Hexylcinnamaldehyde	0686
2001	p-Methoxycinnamaldehyde	0687
2001	2-Methoxycinnamaldehyde	0688
2001	p-methoxy-alpha-methyl-cinnamaldehyde	0689
2001	Phenol	0690
2001	o-cresol	0691
2001	m-cresol	0692
2001	p-cresol	0693
2001	p-Ethylphenol	0694
2001	o-Propylphenol	0695
2001	p-Propylphenol	0696
2001	2-Isopropylphenol	0697
2001	o-Tolyl acetate	0698
2001	p-Tolyl acetate	0699
2001	o-Tolyl isobutyrate	0700
2001	p-Tolyl isobutyrate	0701
2001	p-Tolyl 3-methylbutyrate	0702
2001	p-Tolyl octanoate	0703
2001	p-Tolyl laurate	0704

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2001	p-Tolyl phenylacetate	0705
2001	2,5-Xylenol	0706
2001	2,6-Xylenol	0707
2001	Xylenol	0708
2001	Thymol	0709
2001	Carvacrol	0710
2003	p-Vinylphenol	0711
2001	Resorcinol	0712
2001	Guaiacol	0713
2001	o-(Ethoxymethyl)phenol	0714
2001	2-Methoxy-4-methylphenol	0715
2001	4-Ethylguaiacol	0716
2001	2-Methoxy-4-propylphenol	0717
2001	Guaiacyl acetate	0718
2003	Guaiacyl phenylacetate	0719
2003	Hydroquinone monoethyl ether	0720
2001	2,6-Dimethoxyphenol	0721
2001	4-Methyl-2,6-dimethoxyphenol	0722
2003	4-Ethyl-2,6-dimethoxyphenol	0723
2003	4-propyl-2,6-dimethoxyphenol	0724
2001	2-Methoxy-4-vinylphenol	0725
2003	4-Allyl-2,6-dimethoxyphenol	0726
2001	2-Hydroxyacetophenone	0727
2001	4-(p-Hydroxyphenyl)-2-butanone	0728
2003	Dihydroxyacetophenone	0729
2001	Zingerone	0730
2001	4-(p-Acetoxyphenyl)-2-butanone	0731

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Vanillylidene acetone	0732
2001	4-(1,1-Dimethylethyl)phenol	0733
2001	Phenyl acetate	0734
2004	2-Phenylphenol	0735
2001	Phenyl salicylate	0736
2004	2,3,6-Trimethylphenol	0737
2001	Furfuryl acetate	0739
2003	Furfuryl propionate	0740
2003	Furfuryl pentanoate	0741
2003	Furfuryl octanoate	0742
2003	Furfuryl 3-methylbutanoate	0743
2003	5-Methylfurfural	0745
2001	Methyl 2-furoate	0746
2001	Propyl 2-furoate	0747
2003	Amyl 2-furoate	0748
2003	Hexyl 2-furoate	0749
2003	Octyl 2-furoate	0750
2001	2-Benzofurancarboxaldehyde	0751
2003	2-Phenyl-3-carbethoxyfuran	0752
2001	Pulegone	0753
2001	Isopulegone	0754
2001	Isopulegol	0755
2001	Isopulegyl acetate	0756
2001	p-Menth-1,4(8)-dien-3-one	0757
2001	Menthofuran	0758
2003	Furfuryl butyrate	0759
2003	Cinnamyl benzoate	0760

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	2-Methylpyrazine	0761
2003	2-Ethylpyrazine	0762
2003	2-Propylpyrazine	0763
2003	2-Isopropylpyrazine	0764
2003	2,3-Dimethylpyrazine	0765
2003	2,5-Dimethylpyrazine	0766
2003	2,6-Dimethylpyrazine	0767
2003	2-Ethyl-3-methylpyrazine	0768
2003	2-Ethyl-6-methylpyrazine	0769
2003	2-Ethyl-5-methylpyrazine	0770
2003	2,3-Diethylpyrazine	0771
2003	2-Methyl-5-isopropylpyrazine	0772
2003	2-Isobutyl-3-methylpyrazine	0773
2003	2,3,5-Trimethylpyrazine	0774
2003	2-ethyl-3,(5- or 6)-dimethylpyrazine	0775
2003	2-Ethyl-3,5-dimethylpyrazine	0776
2003	2,3-Diethyl-5-methylpyrazine	0777
2003	2,5-Diethyl-3-methylpyrazine	0778
2003	3,5-Diethyl-2-methylpyrazine	0779
2003	2,3,5,6-Tetramethylpyrazine	0780
2003	5-methyl-6,7-dihydro-5H-cyclopentapyrazine	0781
2003	6,7-Dihydro-2,3-dimethyl-5H-cyclopentapyrazine	0782
2003	Cyclohexylmethylpyrazine	0783
2003	2-Acetylpyrazine	0784
2003	2-Acetyl-3-ethylpyrazine	0785
2003	2-Acetyl-3,5 or 6-dimethylpyrazine	0786
2003	Methoxy pyrazine	0787

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	2-Methoxy-(3, 5 or 6)-methylpyrazine	0788
2003	Ethyl-(3,5 or 6)-methoxypyrazine (85%) and 2-Methyl-(3,5 or 6)-methoxypyrazine (13%)	0789
2003	2-Methoxy-(3,5 or 6)-isopropylpyrazine	0790
2003	2-Methoxy-3-(1-methylpropyl)pyrazine	0791
2003	2-Isobutyl-3-methoxypyrazine	0792
2003	2-Methyl-3,5 or 6-ethoxypyrazine	0793
2003	2-Mercaptomethylpyrazine	0794
2003	2-Pyrazinylethanethiol	0795
2003	Pyrazinyl methyl sulfide	0796
2003	3,5 or 6-methyl-2-methylthiopyrazine	0797
2003	5-Methylquinoxaline	0798
1995; 2003	<i>alpha</i> -methylbenzyl alcohol	0799
2003	<i>alpha</i> -Phenethyl formate	0800
2003	<i>alpha</i> -Phenethyl acetate	0801
2003	<i>alpha</i> -Methylbenzyl propionate	0802
2003	<i>alpha</i> -Methylbenzyl butyrate	0803
2003	<i>alpha</i> -Methylbenzyl isobutyrate	0804
2003	<i>p-alpha</i> -Dimethylbenzyl alcohol	0805
2003	Acetophenone	0806
2003	4-Methylacetophenone	0807
2003	<i>p</i> -Isopropylacetophenone	0808
2003	2,4-Dimethylacetophenone	0809
2003	Acetanisole	0810
1987; 2003	Methyl <i>beta</i> -naphthyl ketone	0811
2003	4-Acetyl-6- <i>t</i> -butyl-1,1-dimethylindane	0812
2003	1-(<i>p</i> -Methoxyphenyl)-2-propanone	0813
2003	<i>alpha</i> -Methylphenethyl butyrate	0814

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	4-Phenyl-2-butanol	0815
2003	4-Phenyl-2-butyl acetate	0816
2003	4-(p-Tolyl)-2-butanone	0817
2003	4-(p-Methoxyphenyl)-2-butanone	0818
2003	4-Phenyl-3-buten-2-ol	0819
2003	4-Phenyl-3-buten-2-one	0820
2003	3-Methyl-4-phenyl-3-buten-2-one	0821
2003	1-Phenyl-1-propanol	0822
2003	<i>alpha</i> -ethylbenzyl butyrate	0823
2003	Propiophenone	0824
2003	<i>alpha</i> -propylphenethyl alcohol	0825
2003	1-(p-Methoxyphenyl)-1-penten-3-one	0826
2003	<i>alpha</i> -isobutylphenethyl alcohol	0827
2003	4-Methyl-1-phenyl-2-pentanone	0828
2003	1-(4-Methoxyphenyl)-4-methyl-1-penten-3-one	0829
2003	3-Benzyl-4-heptanone	0830
2003	Benzophenone	0831
2003	1,3-Diphenyl-2-propanone	0832
2003	1-Phenyl-1,2-propandione	0833
2003	Ethyl benzoylacetate	0834
2003	Ethyl 2-acetyl-3-phenylpropionate	0835
2003	Benzoin	0836
2003	Benzaldehyde dimethyl acetal	0837
2003	Benzaldehyde glyceryl acetal	0838
2003	Benzaldehyde propylene glycol acetal	0839
2003	Benzyl-2-methoxyethyl acetal	0840
2003	Benzyl formate	0841

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Benzyl propionate	0842
2003	Benzyl butyrate	0843
2003	Benzyl isobutyrate	0844
2003	Benzyl isovalerate	0845
2003	Benzyl trans-2-methyl-2-butenate	0846
2003	Benzyl 2,3-dimethylcrotonate	0847
2003	Benzyl acetoacetate	0848
2003	Benzyl phenylacetate	0849
2003	Benzoic acid	0850
2003	Methyl benzoate	0851
2003	Ethyl benzoate	0852
2003	Propyl benzoate	0853
2003	Hexyl benzoate	0854
2003	Isopropyl benzoate	0855
2003	Isobutyl benzoate	0856
2003	Isoamyl benzoate	0857
2003	<i>cis</i> -3-Hexenyl benzoate	0858
2003	Linalyl benzoate	0859
2003	Geranyl benzoate	0860
2003	Glyceryl tribenzoate	0861
2003	Propylene glycol dibenzoate	0862
2003	2-Methylbenzyl acetate (mixed o, m, p)	0863
2003	p-Isopropylbenzyl alcohol	0864
2003	4-Ethylbenzaldehyde	0865
2003	Tolualdehydes (mixed o,m,p)	0866
2003	Tolualdehyde glyceryl acetal (mixed isomers)	0867
2003	Cuminaldehyde	0868

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	2,4-Dimethylbenzaldehyde	0869
2003	Butyl p-hydroxybenzoate	0870
2003	Anisyl alcohol	0871
2003	Anisyl formate	0872
2003	Anisyl acetate	0873
2003	Anisyl propionate	0874
2003	Anisyl butyrate	0875
2003	Anisyl phenylacetate	0876
2003	Veratraldehyde	0877
2003	p-Methoxybenzaldehyde	0878
2003	p-Ethoxybenzaldehyde	0879
2003	Methyl o-methoxybenzoate	0880
2003	2-Methoxybenzoic acid	0881
2003	3-Methoxybenzoic acid	0882
1991; 2003	4-methoxybenzoic acid	0883
2003	Methyl anisate	0884
2003	Ethyl p-anisate	0885
2003	Vanillyl alcohol	0886
2003	vanillyl ethyl ether	0887
2003	Vanillyl butyl ether	0888
2003; 2021	Vanillin	0889
2003	Vanillin acetate	0890
2003	Vanillin isobutyrate	0891
2003	Ethyl vanillin <i>beta</i> -D-glucopyranoside	0892
2003; 2021	Ethyl vanillin	0893
2003	Piperonyl acetate	0894
2003	Piperonyl isobutyrate	0895

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Piperonal	0896
2003	Salicylaldehyde	0897
2003	2-Hydroxy-4-methylbenzaldehyde	0898
2003	Methyl salicylate	0899
2003	Ethyl salicylate	0900
2003	Butyl salicylate	0901
2003	Isobutyl salicylate	0902
2003	Isoamyl salicylate	0903
2003	Benzyl salicylate	0904
2003	Phenethyl salicylate	0905
2003	o-Tolyl salicylate	0907
2003	2,4-Dihydroxybenzoic acid	0908
2003	3-Oxohexanoic acid diglyceride	0910
2003	3-Oxooctanoic acid glyceride	0911
2003	Heptanal glyceryl acetal (mixed 1,2 and 1,3 acetals)	0912
2003	1,2,3-Tris([1'-ethoxy]-ethoxy)propane	0913
2003	3-Oxodecanoic acid glyceride	0914
2003	3-Oxododecanoic acid glyceride	0915
2003	3-Oxotetradecanoic acid glyceride	0916
2003	3-Oxohexadecanoic acid glyceride	0917
2004	Glyceryl monostearate	0918
2005	Glyceryl monooleate	0919
2003	Glyceryl tripropanoate	0921
2003	Tributylin	0922
2004	Glyceryl 5-hydroxydecanoate	0923
2004	Glyceryl 5-hydroxydodecanoate	0924
2003	Propylene glycol stearate	0926

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	1,2-Di((1'-ethoxy)-ethoxy)propane	0927
2003	4-Methyl-2-pentyl-1,3-dioxolane	0928
2003	2,2,4-Trimethyl-1,3-oxacyclopentane	0929
2003	Lactic acid	0930
2003	Ethyl lactate	0931
2003	Butyl lactate	0932
2003	Potassium 2-(1'-ethoxy)ethoxypropanoate	0933
2003	<i>cis</i> -3-Hexenyl lactate	0934
2003	Butyl butyryllactate	0935
2003	Pyruvic acid	0936
2004	Pyruvaldehyde	0937
2003	Ethyl pyruvate	0938
2003	Isoamyl pyruvate	0939
2003	1,1-Dimethoxy-ethane	0940
2003	Acetal	0941
2003	Octanal dimethyl acetal	0942
2003	Acetaldehyde ethyl <i>cis</i> -3-hexenyl acetal	0943
2003	Citral dimethyl acetal	0944
2003	Decanal dimethyl acetal	0945
2003	2,6-nonadienal diethyl acetal	0946
2003	Heptanal dimethyl acetal	0947
2003	Citral diethyl acetal	0948
2003	4-Heptanal diethyl acetal	0949
2003	2-Acetyl-3-methylpyrazine	0950
2003	Pyrazine	0951
2003; 2011	5,6,7,8-Tetrahydroquinoxaline	0952
2003	Ethyl vanillin isobutyrate	0953

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Ethyl vanillin propylene glycol acetal	0954
2003	4-Hydroxybenzyl alcohol	0955
2003	4-Hydroxybenzaldehyde	0956
2003	4-Hydroxybenzoic acid	0957
2003	2-Hydroxybenzoic acid	0958
2003	4-Hydroxy-3-methoxy benzoic acid	0959
2003	Vanillin erythro- & threo-butan-2,3-diol acetal	0960
2003	Cyclohexanecarboxylic acid	0961
2003	Methyl cyclohexanecarboxylate	0962
2003	Ethyl cyclohexanecarboxylate	0963
2003	Cyclohexaneethyl acetate	0964
2003	Cyclohexaneacetic acid	0965
2003	Ethyl cyclohexanepropionate	0966
2003; 2021	2,2,3-Trimethylcyclopent-3-en-1-yl acetaldehyde	0967
2003	cis-5-Isopropenyl-cis-2-methylcyclopentanecarboxaldehyde	0968
2003	Campholene acetate	0969
2003	<i>alpha</i> -Camphonelic acid	0970
2003	p-Menth-1-en-9-al	0971
2003	1-p-Menthen-9-yl acetate	0972
2003	p-Mentha-1,8-dien-7-al	0973
2003, 2019	p-Mentha-1,8-dien-7-ol	0974
2003, 2019	p-Mentha-1,8-dien-7-yl acetate	0975
2003	1,2,5,6-Tetrahydrocumenic acid	0976
2003	2,6,6-Trimethylcyclohexa-1,3-dienyl methanal	0977
2003	2,6,6-Trimethyl-1-cyclohexen-1-acetaldehyde	0978
2003; 2021	2,6,6-Trimethyl-1&2-cyclohexen-1-carboxaldehyde	0979
2003, 2019	2-Formyl-6,6-dimethylbicyclo[3.1.1]hept-2-ene (Myrtenal)	0980

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003, 2019	Myrtenol	0981
2003	Myrtenyl acetate	0982
2003	6,6-Myrtenyl formate	0983
2003	Santalol (<i>alpha</i> and <i>beta</i>)	0984
2003	Santalyl acetate (<i>alpha</i> and <i>beta</i>)	0985
2003	10-Hydroxymethylene-2-pinene	0986
2003	Phenethyl alcohol	0987
2003	Phenethyl formate	0988
2003	Phenethyl acetate	0989
2003	Phenethyl propionate	0990
2003	Phenethyl butyrate	0991
2003	Phenethyl isobutyrate	0992
2003	Phenethyl 2-methylbutyrate	0993
2003	Phenethyl isovalerate	0994
2003	Phenethyl hexanoate	0995
2003	Phenethyl octanoate	0996
2003	Phenethyl tiglate	0997
2003	Phenethyl senecioate	0998
2003	Phenethyl phenylacetate	0999
2003	Acetaldehyde phenethyl propyl acetal	1000
2003	Acetaldehyde butyl phenethyl acetal	1001
2003	Phenylacetaldehyde	1002
2003	Phenylacetaldehyde dimethyl acetal	1003
2003	Phenylacetaldehyde glyceryl acetal	1004
2003	Phenylacetaldehyde 2,3-butylene glycol acetal	1005
2003	Phenylacetaldehyde diisobutyl acetal	1006
2003	Phenylacetic acid	1007

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	Methyl phenylacetate	1008
2003	Ethyl phenylacetate	1009
2003	Propyl phenylacetate	1010
2003	Isopropyl phenylacetate	1011
2003	Butyl phenylacetate	1012
2003	Isobutyl phenylacetate	1013
2003	Isoamyl phenylacetate	1014
2003	Hexyl phenylacetate	1015
2003	3-Hexenyl phenylacetate	1016
2003	Octyl phenylacetate	1017
2003	Rhodinyl phenylacetate	1018
2003	Linalyl phenylacetate	1019
2003	Geranyl phenylacetate	1020
2003	Citronellyl phenylacetate	1021
2003	Santalyl phenylacetate (alpha and beta)	1022
2003	p-Tolylacetaldehyde	1023
2003	p-Isopropyl phenylacetaldehyde	1024
2003	Methyl p-tert-butylphenylacetate	1025
2003	Phenoxyacetic acid	1026
2003	Ethyl (p-tolyloxy)acetate	1027
2003	2-Phenoxyethyl isobutyrate	1028
2003; 2021	Sodium 2-(4-methoxyphenoxy)propanoate	1029
2003	Thiamine hydrochloride	1030
2003	4-Methyl-5-thiazoleethanol	1031
2003	Thiazole	1032
2003	2-(1-Methylpropyl)thiazole	1033
2003	2-Isobutylthiazole	1034

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	4,5-Dimethylthiazole	1035
2003	2,4,5-Trimethylthiazole	1036
2003	2-Isopropyl-4-methylthiazole	1037
2003	4-Methyl-5-vinylthiazole	1038
2003	2,4-Dimethyl-5-vinylthiazole	1039
2003	Benzothiazole	1040
2003	2-Acetylthiazole	1041
2003	2-Propionylthiazole	1042
2003	4-Methylthiazole	1043
2003	2-Ethyl 4-methylthiazole	1044
2003	4,5-Dimethyl-2-isobutyl-3-thiazoline	1045
2003	2-Isobutyl-4,6-dimethyldihydro-1,3,5-dithiazine and 4-isobutyl-2,6-dimethyldihydro-1,3,5-dithiazine (mixture)	1046
2003	2-Isopropyl-4,6-dimethyl and 4-Isopropyl-2,6-dimethyldihydro-1,3,5-dithiazine (mixture)	1047
2003	2,4,6-Triisobutyl-5,6-dihydro-4H-1,3,5-dithiazine	1048
2003	2,4,6-Trimethyldihydro-4H-1,3,5-dithiazine	1049
2003	5-Methyl-2-thiophenecarboxaldehyde	1050
2003	2-Thienylmercaptan	1052
2003	2-Thienyl disulfide	1053
2003	4-Methyl-5-thiazoleethanol acetate	1054
2003	2,4-dimethyl-5-acetylthiazole	1055
2003	2-Ethoxythiazole	1056
2003	2-Methyl-5-methoxythiazole	1057
2003	4,5-Dimethyl-2-ethyl-3-thiazoline	1058
2003	2-(2-Butyl)-4,5-dimethyl-3-thiazoline	1059
2003	2-Methyl-3-furanthiol	1060
2003	2-Methyl-3-(methylthio)furan	1061
2003	2-Methyl-5-(methylthio)furan	1062

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	2,5-Dimethyl-3-furanthiol	1063
2003	Methyl 2-methyl-3-furyl disulfide	1064
2003	Propyl 2-methyl-3-furyl disulfide	1065
2003	<i>bis</i> -(2-Methyl-3-furyl) disulfide	1066
2003	<i>bis</i> -(2,5-Dimethyl-3-furyl) disulfide	1067
2003	<i>bis</i> -(2-Methyl-3-furyl) tetrasulfide	1068
2003	2-Ethanoic acid, S-(2-methyl-3-furanyl) ester	1069
2003	2,5-Dimethyl-3-(thioisovalerate)furan	1070
2003	2,5-Dimethyl-3-thiofuroylfuran	1071
2003	Furfuryl mercaptan	1072
2003	S-Furfuryl thioformate	1073
2003	S-Furfuryl thioacetate	1074
2003	S-Furfuryl thiopropionate	1075
2003	Furfuryl methyl sulfide	1076
2003	Furfuryl isopropyl sulfide	1077
2003	Methyl furfuryl disulfide	1078
2003	Propyl furfuryl disulfide	1079
2003	2,2'-(Thiodimethylene)difuran	1080
2003	2,2'-(Dithiodimethylene)difuran	1081
2003	2-Methyl-3,5 or 6-(furfurylthio)pyrazine	1082
2003	S-Methyl thiofuroate	1083
2003	4-((2-Furanmethyl)thio)-2-pentanone	1084
2003	3-((2-Methyl-3-furyl)thio)-4-heptanone	1085
2003	2,6-Dimethyl-3-((2-methyl-3-furyl)thio)-4-heptanone	1086
2003	4-((2-Methyl-3-furyl)thio)-5-nonanone	1087
2003	Ethyl 3-(2-furfurylthio)propionate	1088
2003	2-Methyl-3-thioacetoxo-4,5-dihydrofuran	1089

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	2-Methyl-3-tetrahydrofuranthiol	1090
2003	2,5-Dimethyl-3-tetrahydrofuranthiol (<i>cis</i> and <i>trans</i> isomers)	1091
2003	2,5-Dimethyl-3-thioacetoxy-tetrahydrofuran (<i>cis</i> and <i>trans</i> isomers)	1092
2003	Cyclohexyl acetate	1093
2003	Cyclohexyl butyrate	1094
2003	Cyclohexyl formate	1095
2003	Cyclohexyl isovalerate	1096
2003	Cyclohexyl propionate	1097
2003	<i>cis</i> and <i>trans</i> -p-1(7)8-Menthadien-2-yl acetate	1098
2003	3,5,5-Trimethylcyclohexanol	1099
2003	Cyclohexanone	1100
2003	Cyclopentanone	1101
2003	2-Methylcyclohexanone	1102
2003	3-Methylcyclohexanone	1103
2003	4-Methylcyclohexanone	1104
2003	1-Methyl-1-cyclopenten-3-one	1105
2003	2-Hexylidenecyclopentanone	1106
2003	3-Methyl-2-cyclohexen-1-one	1107
2003	2,6,6-Trimethylcyclohexanone	1108
2003	2-(sec-Butyl)-cyclohexanone	1109
2003	4-Isopropyl-2-cyclohexenone	1110
2003	Tetramethyl ethylcyclohexenone (mixture of isomers)	1111
2003	Isophorone	1112
2003	3-Methyl-5-propyl-2-cyclohexen-1-one	1113
2003; 2017	3-Methyl-2-(2-pentenyl)-2-cyclopenten-1-one	1114
2003	Isojasmonone	1115
2003	(E)-2-(2-Octenyl)cyclopentanone	1116

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	2-(3,7-Dimethyl-2,6-octadienyl)cyclopentanone	1117
2003	3-Decanone	1118
2003	5-Methyl-5-hexen-2-one	1119
2003	6-Methyl-5-hepten-2-one	1120
2003	3,4,5,6-Tetrahydro-pseudo-ionone	1121
2003; 2017	6,10-Dimethyl-5,9-undecadien-2-one	1122
2003	2,6,10-Trimethyl-2,6,10-pentadecatrien-14-one	1123
2003	3-Penten-2-one	1124
2003; 2021	4-Hexen-3-one	1125
2003	2-Hepten-4-one	1126
2003	3-Hepten-2-one	1127
2003	3-Octen-2-one	1128
2003	2-Octen-4-one	1129
2003	3-Decen-2-one	1130
2003	4-Methyl-3-penten-2-one	1131
2003	5-Methyl-3-hexen-2-one	1132
2003	5-Methyl-2-hepten-4-one	1133
2003	6-Methyl-3,5-heptadien-2-one	1134
2003	(E)-7-Methyl-3-octen-2-one	1135
2003	3-Nonen-2-one	1136
2003	(E) & (Z)-4,8-Dimethyl-3,7-nonadien-2-one	1137
2003	(E)-6-Methyl-3-hepten-2-one	1138
2003	(E,E)-3,5-Octadiene-2-one	1139
2003	3-Octen-2-ol	1140
2003	(E)-2-Octen-4-ol	1141
2003	2-Pentyl butyrate	1142
2003	(+/-)-Heptan-3-yl acetate	1143

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2003	(+/-)-Heptan-2-yl butyrate	1144
2003	(+/-)-Nonan-3-yl acetate	1145
2003	2-Pentyl acetate	1146
2003	1-Penten-3-one	1147
2003	1-Octen-3-one	1148
2003	2-Pentyl-1-buten-3-one	1149
2003	1-Penten-3-ol	1150
2003	1-Hexen-3-ol	1151
2003	1-Octen-3-ol	1152
2003	1-Decen-3-ol	1153
2003	(E,R)-3,7-Dimethyl-1,5,7-octatrien-3-ol	1154
2003	6-Undecanone	1155
2003	2-Methylheptan-3-one	1156
2004	4-Hydroxy-4-methyl-5-hexenoic acid gamma lactone	1157
2004	(+/-) 3-Methyl-gamma-decalactone	1158
2004	4-Hydroxy-4-methyl-7-cis-decenoic acid gamma lactone	1159
2004	Tuberose lactone	1160
2004	Dihydromintlactone	1161
2004	Mint lactone	1162
2004	Dehydromenthofurolactone	1163
2004	(+/-)-(2,6,6,-Trimethyl-2-hydroxycyclohexylidene)acetic acid <i>gamma</i> -lactone	1164
2004	Sclareolide	1165
2004	Octahydrocoumarin	1166
2004	2-(4-Methyl-2-hydroxyphenyl) propionic acid- <i>gamma</i> -lactone	1167
2004	3-Propylidenephthalide	1168
2004	3-Butylphthalide	1169
2004	3-Butylidenephthalide	1170

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2004	Dihydrocoumarin	1171
2004	6-Methylcoumarin	1172
2004	2,4-Pentadienal	1173
2004	2,4-Hexadien-1-ol	1174
2004	(E,E)-2,4-Hexadienal	1175
2004	(E,E)-2,4-Hexadienoic acid	1176
2004	Methyl sorbate	1177
2004	Ethyl sorbate	1178
2004	(E,E)-2,4-Heptadienal	1179
2004	(E,E)-2,4-Octadien-1-ol	1180
2004	<i>trans, trans</i> -2,4-Octadienal	1181
2004	2(<i>trans</i>), 6(<i>trans</i>)-Octadienal	1182
2004	2,4-Nonadien-1-ol	1183
2004	2,6-Nonadien-1-ol	1184
2004	2,4-Nonadienal	1185
2004	Nona-2(<i>trans</i>), 6(<i>cis</i>)-dienal	1186
2004	2(<i>trans</i>), 6(<i>trans</i>)-Nonadienal	1187
2004	(E,Z)-2,6-Nonadien-1-ol acetate	1188
2004	(E,E)-2,4-Decadien-1-ol	1189
2004	2- <i>trans</i> -4- <i>trans</i> -Decadienal	1190
2004	Methyl (E)-2-(Z)-4-decadienoate	1191
2004	Ethyl <i>trans</i> -2- <i>cis</i> -4-decadienoate	1192
2004	Ethyl 2,4,7-decatrienoate	1193
2004	Propyl 2,4-decadienoate	1194
2004	2,4-Undecadienal	1195
2004	<i>trans, trans</i> -2,4-Dodecadienal	1196
2004	2- <i>trans</i> -6- <i>cis</i> -Dodecadienal	1197

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2004	2(<i>trans</i>), 4(<i>cis</i>), 7(<i>cis</i>)-Tridecatrienal	1198
2004	(+/-)-2-Methyl-1-butanol	1199
2004	3-Methyl-2-buten-1-ol	1200
2004	2-Methyl-2-butenal	1201
2004	Methyl-2-butanal	1202
2004; 2017	3-Ammonium isovalerate	1203
2004	3-Methylcrotonic acid	1204
2004	<i>trans</i> -2-Methyl-2-butenic acid	1205
2004	Isobutyl 2-butenate	1206
2004	2-Methylallyl butyrate	1207
2004	4-Methyl-2-pentenal	1208
2004	2-Methyl-2-pentenal	1209
2004	2-Methyl-2-pentenoic acid	1210
2004	2,4-Dimethyl-2-pentenoic acid	1211
2004	2-Methylheptanoic acid	1212
2004	Isobutyl angelate	1213
2004	2-Butyl-2-butenal	1214
2004	2-Isopropyl-5-methyl-2-hexenal	1215
2004	2-Ethyl-2-heptenal	1216
2004	2-Methyl-2-octenal	1217
2004	4-Ethyl-octanoic acid	1218
2004	dl-Citronellol	1219
2004	Citronellal	1220
2004	3,7-Dimethyl-6-octenoic acid	1221
2004	Rhodinol	1222
2004	Geraniol	1223
2004	Nerol	1224

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
1985; 2004	Citral	1225
2004	8-Ocimenyl acetate	1226
2004	2,6-Dimethyl-10-methylene-2,6,11-dodecatrienal	1227
2004	3,7,11-Trimethyl-2,6,10-dodecatrienal	1228
2004	12-Methyltridecanal	1229
2004	Farnesol	1230
2004	sec-Butyl ethyl ether	1231
2004	1-Ethoxy-3-methyl-2-butene	1232
2004	1,4-Cineole	1233
2004	Eucalyptol	1234
2004	Nerol oxide	1235
2004; 2021	2,2,6-Trimethyl-6-vinyltetrahydropyran	1236
2004	Tetrahydro-4-methyl-2-(2-methylpropen-1-yl) pyran	1237
2004; 2017	Theaspirane	1238
2004	Cycloionone	1239
2004	1,5,5,9-Tetramethyl-13-oxatricyclo [8.3.0.0.(4.9)]tridecane	1240
2004	Anisole	1241
2004	<i>orto</i> -Methylanisole	1242
2004	<i>para</i> -Methylanisole	1243
2004	<i>para</i> -propylanisole	1244
2004	2,4-dimethylanisole	1245
2004	1-Methyl-3-methoxy-4-isopropylbenzene	1246
2004	Carvacryl ethyl ether	1247
2004	1,2-Dimethoxybenzene	1248
2004	m-Dimethoxybenzene	1249
2004	p-Dimethoxybenzene	1250
2004	3,4-Dimethoxy-1-vinylbenzene	1251

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2004	Benzyl ethyl ether	1252
2004	Benzyl butyl ether	1253
2004	Methyl phenethyl ether	1254
2004	Diphenyl ether	1255
2004	Dibenzyl ether	1256
2004	<i>beta</i> -Naphthyl methyl ether	1257
2004	<i>beta</i> -Naphthyl ethyl ether	1258
2004	<i>beta</i> -Naphthyl isobutyl ether	1259
2004	Isoeugenol	1260
2004	Isoeugenyl formate	1261
2004	Isoeugenyl acetate	1262
2004	Isoeugenyl phenylacetate	1263
2004	Propenylguaethol	1264
2004	4-Propenyl-2,6-dimethoxyphenol	1265
1989; 2004	Isoeugenyl methyl ether	1266
2004	Isoeugenyl ethyl ether	1267
2004	Isoeugenyl benzyl ether	1268
2004	Isoprenyl acetate	1269
2004	4-Pentenyl acetate	1270
2004	3-Hexenal	1271
2004	3-Hexenyl formate (<i>cis</i> and <i>trans</i> mixture)	1272
2004	Ethyl 5-hexenoate	1273
2004	<i>cis</i> -Hexenyl propionate	1274
2004	<i>cis</i> -Hexenyl isobutyrate	1275
2004	(<i>Z</i>)-3-Hexenyl (<i>E</i>)-2-butenate	1276
2004	<i>cis</i> -Hexenyl tiglate	1277
2004	<i>cis</i> -Hexenyl valerate	1278

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2004	3-Hexenyl 2-hexenoate	1279
2004	(Z)-4-Hepten-1-ol	1280
2004	Ethyl <i>cis</i> -4-heptenoate	1281
2004	(Z)-5-Octenyl propionate	1282
2004	(Z,Z)-3,6-Nonadien-1-ol	1283
2004	(E,Z)-3,6-Nonadien-1-ol	1284
2004	(E,Z)-3,6-Nonadien-1-yl acetate	1285
2004	9-Decenal	1286
2004	4-Decenoic acid	1287
2004	<i>cis</i> -4-Decenyl acetate	1288
2004	Erythro- and threo-3-Mercapto-2-methylbutan-1-ol	1289
2004	(+/-)-2-Mercapto-2-methylpentan-1-ol	1290
2004	3-Mercapto-2-methylpentan-1-ol (racemic)	1291
2004	3-Mercapto-2-methylpentanal	1292
2004	4-Mercapto-4-methyl-2-pentanone	1293
2004	(+/-)-Ethyl 3-mercaptopbutyrate	1294
2004	Ethyl 4-(acetylthio) butyrate	1295
2004	<i>spiro</i> (2,4-Dithia-1-methyl-8-oxa-bicyclo[3.3.0]octane-3,3'-(1'-oxa-2'-methyl)-cyclopentane)	1296
2004	2-(Methylthio) ethanol	1297
2004	Ethyl 5-(methylthio) valerate	1298
2004	2,3,5-Trithiahexane	1299
2004	Diisopropyl trisulfide	1300
2005	Indole	1301
2005	6-Methylquinoline	1302
2005	Isoquinoline	1303
2005	Skatole	1304
2005	1-Ethyl-2-acetylpyrrole	1305

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2005	1-Methyl-2-acetylpyrrole	1306
2005	Methyl-2-pyrrolyl ketone	1307
2005	2-Pyridine methanethiol	1308
2005	2-Acetylpyridine	1309
2005	N-Furfurylpyrrole	1310
2005	2-(2-Methylpropyl) pyridine	1311
2005	3-(2-Methylpropyl) pyridine	1312
2005	2-Pentylpyridine	1313
2005	Pyrrole	1314
2005	3-Ethylpyridine	1315
2005	3-Acetylpyridine	1316
2005	2,6-Dimethylpyridine	1317
2005	5-Ethyl-2-methylpyridine	1318
2005	2-Propionylpyrrole	1319
2005	Methyl nicotinate	1320
2005	2-(3-Phenylpropyl)pyridine	1321
2005	2-Propylpyridine	1322
2005	Camphene	1323
2005	<i>beta</i> -Caryophyllene	1324
2005	p-Cymene	1325
1995	d-Limonene	1326
2005	Myrcene	1327
2005	<i>alpha</i> -Phellandrene	1328
2005	<i>alpha</i> -Pinene	1329
2005	<i>beta</i> -Pinene	1330
2005	Terpinolene	1331
2005	Biphenyl	1332

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2005	para, <i>alpha</i> -Dimethylstyrene	1333
2005	4-Methylbiphenyl	1334
2005	1-Methylnaphthalene	1335
2005	Bisabolene	1336
2005	Valencene	1337
2005	3,7-Dimethyl-1,3,6-octatriene	1338
2005	p-Mentha-1,3-diene	1339
2005	p-Mentha-1,4-diene	1340
2005	1,3,5-Undecatriene	1341
2005	<i>delta</i> -3-Carene	1342
2005	Farnesene (<i>alpha</i> and <i>beta</i>)	1343
2005	1-Methyl-1,3-cyclohexadiene	1344
2005	<i>beta</i> -Bourbonene	1345
2005	Cadinene (mixture of isomers)	1346
2005	Guaiene	1347
2005	Butyl 2-decenoate	1348
2005	2-Decenal	1349
2005	2-Dodecenal	1350
2005	Ethyl acrylate	1351
2005	Ethyl 2-nonynoate	1352
2005	2-Hexenal	1353
2005	2-Hexen-1-ol	1354
2005	(E)-2-Hexen-1-yl acetate	1355
2005	Methyl 2-nonynoate	1356
2005	Methyl 2-octynoate	1357
2005	Methyl 2-undecynoate	1358
2005	2-Tridecenal	1359

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2005	<i>trans</i> -2-Heptenal	1360
2005	<i>trans</i> -2-Hexenoic acid	1361
2005	2-Nonenal	1362
2005	2-Octenal	1363
2005	2-Pentenal	1364
2005	<i>trans</i> -2-Nonen-1-ol	1365
2005	2-Undecenal	1366
2005	<i>trans</i> -2-Octen-1-yl acetate	1367
2005	<i>trans</i> -2-Octen-1-yl butanoate	1368
2005	<i>cis</i> -2-Nonen-1-ol	1369
2005	(E)-2-Octen-1-ol	1370
2005	(E)-2-Butenoic acid	1371
2005	(E)-2-Decenoic acid	1372
2005	(E)-2-Heptenoic acid	1373
2005	(Z)-2-Hexen-1-ol	1374
2005	<i>trans</i> -2-Hexenyl butyrate	1375
2005	(E)-2-Hexenyl formate	1376
2005	<i>trans</i> -2-Hexenyl isovalerate	1377
2005	<i>trans</i> -2-Hexenyl propionate	1378
2005	<i>trans</i> -2-Hexenyl pentanoate	1379
2005	2-Nonenoic acid	1380
2005	(E)-2-Hexenyl hexanoate	1381
2005	(Z)-3-and (E)-2-Hexenyl propionate	1382
2005	(E)-2-Hexenal diethyl acetal	1383
2005	2-Undecen-1-ol	1384
2005	Borneol	1385
2005	Isoborneol	1386

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2005	Bornyl acetate	1387
2005	Isobornyl acetate	1388
2005	Bornyl formate	1389
2005	Isobornyl formate	1390
2005	Isobornyl propionate	1391
2005	Bornyl valerate	1392
2005	Bornyl isovalerate (endo-)	1393
2005	Isobornyl isovalerate	1394
2005	d-Camphor	1395
2005	d-Fenchone	1396
2005	Fenchyl alcohol	1397
2005	Nootkatone	1398
2005	1,3,3-Trimethyl-2-norbornanyl acetate	1399
2005	Methyl jasmonate	1400
2005	Cycloheptadeca-9-en-1-one	1401
2005	3-Methyl-1-cyclopentadecanone	1402
2005	2(10)-Pinen-3-ol	1403
2005	Verbenol	1404
2005	7-Methyl-4,4a,5,6-tetrahydro-2(3H)-naphthalenone	1405
2005	3-Methyl-2-(n-pentanyl)-2-cyclopenten-1-one	1406
2005	Dihydronootkatone	1407
2005	3-L-Menthoxy-propane-1,2-diol	1408
2005	<i>beta</i> -Ionyl acetate	1409
2005	<i>alpha</i> -Isomethylionyl acetate	1410
2005	3-(l-Menthoxy)-2-methylpropane-1,2-diol	1411
2005	Bornyl butyrate	1412
2005	D,L-Menthol(+/-)-propylene glycol carbonate	1413

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2005	L-Monomenthyl glutarate	1414
2005	L-Menthyl methyl ether	1415
2005	p-Menthane-3,8-diol	1416
2005	<i>beta</i> -Alanine	1418
2005	I-Cysteine	1419
2005	L-Glutamic acid	1420
2005	Glycine	1421
2005	d,l-Isoleucine	1422
2005	I-Leucine	1423
2005	DL-Methionine	1424
2005	I-Proline	1425
2005	DL-Valine	1426
2005	DL-(3-Amino-3-carboxypropyl) dimethylsulfonium chloride	1427
2005	I-Phenylalanine	1428
2005	I-Aspartic acid	1429
2005	I-Glutamine	1430
2005	I-Histidine	1431
2005	DL-Phenylalanine	1432
2005	I-Thyrosine	1434
2005	Taurine	1435
2005	DL-Alanine	1437
2005	I-Arginine	1438
2005	I-Lysine	1439
2005	2-Hexyl-4-acetoxytetrahydrofuran	1440
2005	2-(3-Phenylpropyl)tetrahydrofuran	1441
2005	Tetrahydrofurfuryl acetate	1442
2005	Tetrahydrofurfuryl alcohol	1443

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2005	Tetrahydrofurfuryl butyrate	1444
2005	Tetrahydrofurfuryl propionate	1445
2005	4-Hydroxy-2,5-dimethyl-3(2H)-furanone	1446
2005	Tetrahydrofurfuryl cinnamate	1447
2005	2-Methyltetrahydrofuran-3-one	1448
2005	2-Ethyl-4-hydroxy-5-methyl-3(2H)-furanone	1449
2005	4-Hydroxy-5-methyl-3(2H)-furanone	1450
2005	2,5-Dimethyl-4-methoxy-3(2H)-furanone	1451
2005	2,2-Dimethyl-5-(1-methylpropen-1-yl) tetrahydrofuran	1452
2005	2,5-Diethyltetrahydrofuran	1453
2005	cis and trans linalool oxide	1454
2005	5-Isopropenyl-2-methyl-2-vinyltetrahydrofuran (<i>cis</i> and <i>trans</i> mixture)	1455
2005	4-Acetoxy-2,5-dimethyl-3(2H)-furanone	1456
2005	(+/-)-2-(5-Methyl-5-vinyl-tetrahydrofuran-2-yl)propionaldehyde	1457
2005	Ethyl 4-phenylbutyrate	1458
2005	<i>beta</i> -Methylphenethyl alcohol	1459
2005	2-Methyl-4-phenyl-2-butyl acetate	1460
2005	2-Methyl-4-phenyl-2-butyl isobutyrate	1461
2005	2-Methyl-4-phenylbutyraldehyde	1462
2005	3-Methyl-2-phenylbutyraldehyde	1463
2005	Methyl 4-phenylbutyrate	1464
2005	2-Methyl-3(p-isopropylphenyl) propionaldehyde	1465
2005	2-Methyl-3-tolylpropionaldehyde (mixed o, m, p)	1466
2005	2-Phenylpropionaldehyde	1467
2005	2-Phenylpropionaldehyde dimethyl acetal	1468
2005	2-Phenylpropyl butyrate	1469
2005	2-Phenylpropyl isobutyrate	1470

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2005	2-(p-Tolyl)propionaldehyde	1471
2005	5-Methyl-2-phenyl-2-hexenal	1472
2005	4-Methyl-2-phenyl-2-pentenal	1473
2005	2-Phenyl-2-butenal	1474
2005	Ethyl 2-ethyl-3-phenylpropanoate	1475
2005	2-Phenyl-4-pentenal	1476
2005	2-Methyl-4-phenyl-2-butanol	1477
2005	2-Oxo-3-phenylpropionic acid	1478
2008	Sodium 2-oxo-3-phenylpropionate	1479
2006; 2008	Maltol	1480
2006; 2008	Ethyl maltol	1481
2008	Maltyl isobutyrate	1482
2006	2-Methyl-3-(1-oxopropoxy)-4H-pyran-4-one	1483
2006	2-Butyl-5 or 6-keto-1,4-dioxane	1484
2006	2-Amyl-5 or 6-keto-1,4-dioxane	1485
2006	2-Hexyl-5 or 6-keto-1,4-dioxane	1486
2006	2-Methylfuran	1487
2006	2,5-Dimethylfuran	1488
2006	2-Ethylfuran	1489
2006	2-Butylfuran	1490
2006; 2021	2-Pentylfuran	1491
2006	2-Heptylfuran	1492
2006	2-Decylfuran	1493
2006	3-Methyl-2-(3-methylbut-2-enyl)-furan	1494
2006	2,3-Dimethylbenzofuran	1495
2006	2,4-Difurfurylfuran	1496
2006; 2021	3-(2-Furyl)acrolein	1497

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2006	2-Methyl-3(2-furyl)acrolein	1498
2006	3-(5-Methyl-2-furyl)prop-2-enal	1499
2006	3-(5-Methyl-2-furyl) butanal	1500
2006	2-Furfurylidenebutyraldehyde	1501
2006; 2021	2-Phenyl-3-(2-furyl)-prop-2-enal	1502
2006	2-Furyl-methyl ketone	1503
2006; 2021	2-Acetyl-5-methylfuran	1504
2006	2-Acetyl-3,5-dimethylfuran	1505
2006; 2021	3-Acetyl-2,5-dimethylfuran	1506
2006	2-Butyrylfuran	1507
2006	(2-Furyl)-2-propanone	1508
2006	2-Pentanoylfuran	1509
2006; 2021	1-(2-Furyl)butan-3-one	1510
2006	4-(2-Furyl)-3-buten-2-one	1511
2006	Pentyl-2-furyl ketone	1512
2006; 2021	Ethyl 3(2-furyl) propanoate	1513
2006	Isobutyl 3-(2-furyl) propionate	1514
2006	Isoamyl 3-(2-furan) propionate	1515
2006	Isoamyl 4-(2-furan) butyrate	1516
2006; 2021	Phenethyl 2-furoate	1517
2006	Propyl 2-furanacrylate	1518
2006	2,5-Dimethyl-3-oxo-(2H)-fur-4-yl butyrate	1519
2006	Furfuryl methyl ether	1520
2006	Ethyl furfuryl ether	1521
2006	Difurfuryl ether	1522
2006	2,5-Dimethyl-3-furanethiol acetate	1523
2006	Furfuryl 2-methyl-3-furyl disulfide	1524

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2006	3-[(2-Methyl-3-furyl)thio]-2-butanone	1525
2006	O-Ethyl-S-(2-furylmethyl) thiocarbonate	1526
2006	4-Allylphenol	1527
2006	2-Methoxy-6-(2-propenyl) phenol	1528
1985; 2006	Eugenol	1529
2006	Eugenyl formate	1530
2006	Eugenyl acetate	1531
2006	Eugenyl isovalerate	1532
2006	Eugenyl benzoate	1533
1983; 2006	Methyl anthranilate	1534
2006	Ethyl anthranilate	1535
2006	Butyl anthranilate	1536
2006	Isobutyl anthranilate	1537
2006	<i>cis</i> -3-Hexenyl anthranilate	1538
2006	Citronellyl anthranilate	1539
2006	Linalyl anthranilate	1540
2006	Cyclohexyl anthranilate	1541
2006	<i>beta</i> -Terpinyl anthranilate	1542
2006	Phenethyl anthranilate	1543
2006	beta-Naphthyl anthranilate	1544
1983; 2006	Methyl N-methylantranilate	1545
2006	Ethyl N-methylantranilate	1546
2006	Ethyl N-ethylantranilate	1547
2006	Isobutyl N-methylantranilate	1548
2006	Methyl N-formylantranilate	1549
2006	Methyl N-acetylantranilate	1550
2006	Methyl N,N-dimethylantranilate	1551

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2006	N-Benzoylanthranilic acid	1552
2006	Trimethyloxazole	1553
2006	2,5-Dimethyl-4-ethyloxazole	1554
2006	2-Ethyl-4,5-dimethyloxazole	1555
2006	2-Isobutyl-4,5-dimethyloxazole	1556
2006; 2021	2-Methyl-4,5-benzo-oxazole	1557
2006	2,4-Dimethyl-3-oxazoline	1558
2008	2,4,5-Trimethyl- <i>delta</i> -3-oxazoline	1559
2006	Allyl isothiocyanate	1560
2006	Butyl isothiocyanate	1561
2006	Benzyl isothiocyanate	1562
2006	Phenethyl isothiocyanate	1563
2006	3-(Methylthio) propyl isothiocyanate	1564
2006	4-Acetyl-2-methylpyrimidine	1565
2006	5,7-Dihydro-2-methylthieno(3,4-d) pyrimidine	1566
2006	1-Phenyl-(3 or 5)-propylpyrazole	1568
2006	4,5-Dimethyl-2-propyloxazole	1569
2006	4,5,Epoxy-(E)-2-decenal	1570
2006	<i>beta</i> -Ionone epoxide	1571
2006	<i>trans</i> -Carvone-5,6-oxide	1572
2006	Epoxy oxophorone	1573
2006	Piperitenone oxide	1574
2006	<i>beta</i> -Caryophyllene oxide	1575
2006	Ethyl 3-phenylglycidate	1576
2006	Ethyl methylphenylglycidate	1577
2006	Ethyl methyl-p-tolylglycidate	1578
2006	Ethylamine	1579

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2006	Propylamine	1580
2006	Isopropylamine	1581
2006	Butylamine	1582
2006	Isobutylamine	1583
2006	sec-Butylamine	1584
2006	Pentylamine	1585
2006	2-Methylbutylamine	1586
2006	Isopentylamine	1587
2006	Hexylamine	1588
2006	Phenethylamine	1589
2006	2-(4-Hydroxyphenyl) ethylamine	1590
2006	1-Amino-2-propanol	1591
2006	Butyramide	1593
2006	1,6-Hexalactam	1594
2006	2-Isopropyl- N,2,3-trimethylbutyramide	1595
2006	N-Ethyl (E)-2,(Z)-6-nonadienamide	1596
2006	N-Cyclopropyl (E)-2,(Z)-6-nonadienamide	1597
2006	N-Isobutyl (E,E)-2,4-decadienamide	1598
2006	Nonanoyl 4-hydroxy-3-methoxybenzylamide	1599
2006	Piperine	1600
2006	N-Ethyl 2-isopropyl-5-methylcyclohexane carboxamide	1601
2006	(+/-)-N,N-Dimethyl menthyl succinamide	1602
2006	1-Pyrroline	1603
2006; 2021	2-Acetyl-1-pyrroline	1604
2006	2-Propionylpyrroline	1605
2006	Isopentylidene isopentylamine	1606
2006	Piperidine	1607

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2006	2-Methylpiperidine	1608
2006	Pyrrolidine	1609
2006	Trimethylamine	1610
2006	Triethylamine	1611
2006	Tripropylamine	1612
2006	N,N-Dimethylphenethylamine	1613
2006	Trimethylamine oxide	1614
2006	Piperazine	1615
2008	Methyl 4-pentenoate	1616
2008	2-Methylbut-2-en-1-ol	1617
2008	Ethyl 4-pentenoate	1618
2008	4-Pentenal	1619
2008	3-Isopropenylpentanedioic acid	1620
2008	<i>trans</i> -3-Hexenol	1621
2008	<i>trans</i> -4-Hexenal	1622
2008	5-Hexenol	1623
2008	Methyl (Z)-3-hexenoate	1624
2008	<i>cis</i> -4-Octenol	1625
2008	Ethyl (Z)-3-hexenoate	1626
2008	3-Octenoic acid	1627
2008	(Z)-3-Octenyl propionate	1628
2008	<i>trans</i> -4-Octenoic acid	1629
2008	Methyl (Z)-5-octenoate	1630
2008	<i>cis</i> -5-Octenoic acid	1631
2008	Ethyl 3-octenoate	1632
2008	<i>cis</i> -4-Decenol	1633
2008	Isobutyl 10-undecenoate	1634

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2008	11-Dodecenoic acid	1635
2008	(Z)-4-Dodecenal	1636
2008	cis-9-Octadecenol	1637
2008	cis-9-Octadecenyl acetate	1638
2008	Methyl 10-undecenoate	1639
2008	(Z)-8-Tetradecenal	1640
2008	9-Octadecenal	1641
2008	(E)-4-Nonenal	1642
2008	2,3,4-Trimethyl-3-pentanol	1643
2008	(+/-)-2,4,8-Trimethyl-7-nonen-2-ol	1644
2008	(E)-and (Z)-2,4,8-Trimethyl-3,7-nonadien-2-ol	1645
2008	Nerolidol	1646
2008	6-Acetyldihydrotheaspirane	1647
2008	6-Hydroxydihydrotheaspirane	1648
2008	1-Phenyl-3-methyl-3-pentanol	1649
2008	p-alpha, alpha-Trimethylbenzyl alcohol	1650
2008	(+/-)-Ethyl 2-hydroxy-2-methylbutyrate	1651
2008	(+/-)-Ethyl 2-hydroxy-3-methylvalerate	1652
2008	alpha, alpha-Dimethylphenethyl alcohol	1653
2008	alpha, alpha-Dimethylphenethyl formate	1654
2008	alpha, alpha-Dimethylphenethyl acetate	1655
2008	alpha, alpha-Dimethylphenethyl butyrate	1656
2008	alpha, alpha-Dimethylbenzyl isobutyrate	1657
2008	Ethanethiol	1659
2008	Ethane-1,1-dithiol	1660
2008	Dimercaptomethane	1661
2008	1-Pentanethiol	1662

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2008	Heptane-1-thiol	1663
2008	2-Heptanethiol	1664
2008	(+/-)-1-Phenylethylmercaptan	1665
2008	2-Mercaptoanisole	1666
2008	Propyl 2-mercaptopropionate	1667
2008	Methionyl butyrate	1668
2008	(+/-)-4-Mercapto-4-methyl-2-pentanol	1669
2008	4-Mercapto-2-pentanone	1670
2008	(S)-1-Methoxy-3-heptanethiol	1671
2008	Diisopentyl thiomalate	1672
2008	<i>cis</i> - and <i>trans</i> -Mercapto-p-menthan-3-one	1673
2008	Methyl 3-mercaptobutanoate	1674
2008	Methylthiomethylmercaptan	1675
2008	Thioacetic acid	1676
2008	(+/-)-Isobutyl 3-methylthiobutyrate	1677
2008	(S)-Methyl propanethioate	1678
2008	(S)-Isopropyl 3-methylbut-2-enethioate	1679
2008	(S)-Ethyl 2-acetylaminoethanethioate	1680
2008	Allyl thiohexanoate	1681
2008	2-Methyl-1-methylthio-2-butene	1683
2008	2,4,6-Trithiaheptane	1684
2008	(+/-)-2,8-Epithio- <i>cis</i> -p-menthane	1685
2008	(+/-)-3,5-Diethyl-1,2,4-trithiolane	1686
2008	Mixture of 3,6-diethyl-1,2,4,5-tetrathiane (approx. 55%) and 3,5-diethyl-1,2,4-trithiolane (approx. 45%)	1687
2008	3-(Methylthio)-2-butanone	1688
2008	4-(Methylthio)-2-pentanone	1689
2008	Methyl 3-(methylthio) butanoate	1690

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2008	Methyl (methylthio) acetate	1691
2008	(+/-)-3-(Methylthio) heptanal	1692
2008	Ethyl methyl disulfide	1693
2008	Ethyl propyl disulfide	1694
2008	Ethyl propyl trisulfide	1695
2008	Methyl isopentyl disulfide	1696
2008	Amyl methyl disulfide	1697
2008	Butyl ethyl disulfide	1698
2008	Diethyl disulfide	1699
2008	Diethyl trisulfide	1701
2008	Propyl propane thiosulfonate	1702
2008	(+/-)-3-(Ethylthio) butanol	1703
2008	Hexyl 3-mercaptobutanoate	1704
2008	(+/-)-3-Mercapto-1-butyl acetate	1705
2008	3-Mercapto-3-methyl-1-butyl acetate	1706
2008	2,5-Dithiahexane	1707
2008	3-Mercaptoheptyl acetate	1708
2008	Bis (1-Mercaptopropyl) sulfide	1709
2008	S-Allyl-L-cysteine	1710
2008	2,4-Dimethyl-1,3-dioxolane	1711
2008	2-Hexyl-4,5-dimethyl-1,3-dioxolane	1712
2008	Cis- and trans-Ethyl 2,4-dimethyl-1,3-dioxolane-2-acetate	1715
2008	Dihydroxyacetone dimer	1716
2008	1-Hydroxy-2-butanone	1717
2008	Ethyl 3-acetoxy-2-methylbutyrate	1718
2008	Methyl 5-acetoxyhexanoate	1719
2008	(+/-) 1-Acetoxy-1-ethoxyethane	1726

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2008	Acetaldehyde hexyl isoamyl acetal	1727
2008	1,1-Dimethoxy-trans-2-hexene	1728
2008	Acetaldehyde diisoamyl acetal	1729
2008	Isovaleraldehyde diethyl acetal	1730
2008	Valeraldehyde dibutyl acetal	1731
2008	Isovaleraldehyde propyleneglycol acetal	1732
2008	Isovaleraldehyde glyceryl acetal	1733
2008	Valeraldehyde propyleneglycol acetal	1734
2008	Hexanal hexyl isoamyl acetal	1735
2008	Hexanal octane-1,3-diol acetal	1736
2008	Hexanal butane-2,3-diol acetal	1737
2008	Hexanal dihexyl acetal	1738
2008	Heptanal propyleneglycol acetal	1739
2008	2,6-Dimethyl-5-heptenal propyleneglycol acetal	1740
2008	Octanal propyleneglycol acetal	1741
2008	Nonanal dimethyl acetal	1742
2008	Nonanal propyleneglycol acetal	1743
2008	Decanal propyleneglycol acetal	1744
2008	Undecanal propyleneglycol acetal	1745
2008	Dodecanal dimethyl acetal	1746
2008	Acetaldehyde di-cis-3-hexenyl acetal	1747
2008	Isobutanal propyleneglycol acetal	1748
2008	Acetaldehyde 1,3-octanediol acetal	1749
2008	1-(3-Hydroxy-5-methyl-2-thienyl) ethanone	1750
2008	2-(4-Methyl-5-thiazolyl) ethyl formate	1751
2008	2-(4-Methyl-5-thiazolyl) ethyl propionate	1752
2008	2-(4-Methyl-5-thiazolyl) ethyl butanoate	1753

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2008	2-(4-Methyl-5-thiazolyl) ethyl isobutyrate	1754
2008	2-(4-Methyl-5-thiazolyl) ethyl hexanoate	1755
2008	2-(4-Methyl-5-thiazolyl) ethyl octanoate	1756
2008	2-(4-Methyl-5-thiazolyl) ethyl decanoate	1757
2008	2,5-Dimethylthiazole	1758
2008	2-Acetyl-2-thiazoline	1759
2008	2-Propionyl-2-thiazoline	1760
2008	cis- and trans-5-Ethyl-4-methyl-2-(2-methylpropyl) thiazoline	1761
2008	cis- and trans-5-Ethyl-4-methyl-2-(1-methylpropyl) thiazoline	1762
2008	Pyrrolidino-[1,2e]-4H-2,4-dimethyl-1,3,5-dithiazine	1763
2008	2-Hexylthiophene	1764
2008	3-(Methylthio)-methylthiophene	1765
2008	5-Acetyl-2,3-dihydro-1,4-thiazine	1766
2008	N-(Heptan-4-yl) benzo [d] [1,3] dioxole-5-carboxamide	1767
2008	N1-(2,4-Dimethoxybenzyl)-N2-(2-(pyridin-2-yl) ethyl) oxalamide	1768
2008	N1-(2-Methoxy-4-methylbenzyl)-N2-(2-(5-methylpyridin-2-yl) ethyl) oxalamide	1769
2008	N1-(2-Methoxy-4-methylbenzyl)-N2-(2-(pyridin-2-yl) ethyl) oxalamide	1770
2008	4-Aminobutyric acid	1771
2008	N-Gluconyl ethanolamine	1772
2008	N-Gluconyl ethanolamine phosphate	1773
2008	N-Lactoyl ethanolamine	1774
2008	N-Lactoyl ethanolamine phosphate	1775
2008	N-[(Ethoxycarbonyl) methyl]-p-menthane-3-carboxamide	1776
2008	N-[2-(3,4-Dimethoxyphenyl) ethyl]-3,4-dimethoxycinnamic acid amide	1777
2008	N-3,7-Dimethyl-2,6-octadienyl cyclopropylcarboxamide	1779
2008	2,4-Hexadienyl acetate	1780
2008	2,4-Hexadienyl propionate	1781

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2008	2,4-Hexadienyl isobutyrate	1782
2008	2,4-Hexadienyl butyrate	1783
2008	2,4-Heptadien-1-ol	1784
2008	Nona-2,4,6-trienal	1785
2008	2,4,7-Decatrienal	1786
2009	(Z)-2-Penten-1-ol	1793
2009	(E)-2-Decen-1-ol	1794
2009	(Z)-Pent-2-enyl hexanoate	1795
2009	(E)-2-Hexenyl octanoate	1796
2009	trans-2-Hexenyl 2-methylbutyrate	1797
2009	Hept-trans-2-en-1-yl acetate	1798
2009	(E,Z)-Hept-2-en-1-yl isovalerate	1799
2009	trans-2-Hexenal glyceryl acetal	1800
2009	trans-2-Hexenal propylene glycol acetal	1801
2009	cis- and trans-1-Methoxy-1-decene	1802
2009	(E)-Tetradec-2-enal	1803
2009	(E)-2-Pentenoic acid	1804
2009	(E)-2-Octenoic acid	1805
2009	Ethyl <i>trans</i> -2-butenolate	1806
2009	Hexyl 2-butenolate	1807
2009	Ethyl <i>trans</i> -2-hexenoate	1808
2009	(E,Z)-Methyl 2-hexenoate	1809
2009	Hexyl <i>trans</i> -2-hexenoate	1810
2009	Methyl <i>trans</i> -2-octenoate	1811
2009	Ethyl <i>trans</i> -2-octenoate	1812
2009	(E,Z)-Methyl 2-nonenoate	1813
2009	Ethyl <i>trans</i> -2-decenoate	1814

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2009	Ethyl (E)-2-methyl-2-pentenoate	1815
2009	2-Methylbutyl 3-methyl-2-butenate	1816
2009	(+/-)(E,Z)-5-(2,2,-Dimethylcyclopropyl)-3-methyl-2-pentenal	1817
2009	(E,Z)-4-Methylpent-2-enoic acid	1818
2009	(+/-)-4-Ethyl octanal	1819
2009	(E)-Geranyl 2-methylbutyrate	1820
2009	(E)-Geranyl valerate	1821
2009	(E)-Geranyl tiglate	1822
2009	(E)-Citronellyl 2-methylbut-2-enoate	1823
2009	(E)-Ethyl tiglate	1824
2009	(E,Z)-Geranic acid	1825
2009	Prenyl formate	1826
2009	Prenyl acetate	1827
2009	Prenyl isobutyrate	1828
2009	Prenyl caproate	1829
2009	(+/-)-Dihydrofarnesol	1830
2009	(E,Z)-3,7,11-Trimethyldodeca-2,6,10-trienyl acetate	1831
2009	(E,Z)-Phytol	1832
2009	(E,Z)-Phytyl acetate	1833
2009	Methyl 2-methyl-2-propenoate	1834
2009	Isopropenyl acetate	1835
2009	1-Octen-3-yl acetate	1836
2009	1-Octen-3-yl butyrate	1837
2009	6-Methyl-5-hepten-2-yl acetate	1838
2009	3-(Hydroxymethyl)-2-octanone	1839
2009	(+/-)-[R-(E)]-5-Isopropyl-8-methylnona-6,8-dien-2-one	1840
2009	(+/-)-cis- and trans- 4,8-Dimethyl-3,7-nonadien-2-ol	1841

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2009	(+/-)-1-Hepten-3-ol	1842
2009	(E,Z)-4-Octen-3-one	1843
2009	(E)-2-Nonen-4-one	1844
2009	(E)-5-Nonen-2-one	1845
2009	(Z)-3-Hexenyl 2-oxopropionate	1846
2009	(+/-)- <i>cis</i> - and <i>trans</i> -4,8-Dimethyl-3,7-nonadien-2-yl acetate	1847
2009	(E)-1,5-Octadien-3-one	1848
2009	10-Undecen-2-one	1849
2009	2,4-Dimethyl-4-nonanol	1850
2009	8-Nonen-2-one	1851
2009	Menthyl valerate	1852
2009	2-(l-Menthoxy)ethanol	1853
2009	l-Menthyl acetoacetate	1854
2009	l-Menthyl (R,S)-3-hydroxybutyrate	1855
2009	l-Piperitone	1856
2009	2,6,6-Trimethylcyclohex-2-en-1,4-dione	1857
2009	Menthyl pyrrolidone carboxylate	1858
2009	3,9-Dimethyl-6-(1-methylethyl)-1,4-dioxaspiro-[4,5]-decan-2-one	1859
2009	8-p-Menthene-1,2-diol	1860
2009	d-2,8-p-Menthadien-1-ol	1861
2009	Dehydronootkatone	1862
2009	Isobornyl isobutyrate	1863
2009	l-Bornyl acetate	1864
2009	Thujyl alcohol	1865
2009	Vetiverol	1866
2009	Vetiveryl acetate	1867
2009	3-Pinanone	1868

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2009	Isobornyl 2-methylbutyrate	1869
2009	Verbenone	1870
2009	Methyl hexanoate	1871
2009	Hexyl heptanoate	1872
2009	Hexyl nonanoate	1873
2009	Hexyl decanoate	1874
2009	Heptyl heptanoate	1875
2009	Dodecyl propionate	1876
2009	Dodecyl butyrate	1877
2009	4-Hydroxy-3,5-dimethoxybenzaldehyde	1878
2009	Vanillin 3-(1-menthoxy)propane-1,2-diol acetal	1879
2009	Sodium 4-methoxybenzoyloxyacetate	1880
2009	Divanillin	1881
2009	Vanillin propylene glycol acetal	1882
2009	4-Methoxybenzoyloxyacetic acid	1883
2009	Methyl isothiocyanate	1884
2009	Ethyl isothiocyanate	1885
2009	Isobutyl thiocyanate	1886
2009	Isoamyl isothiocyanate	1887
2009	Isopropyl isothiocyanate	1888
2009	3-Butenyl isothiocyanate	1889
2009	2-Butyl isothiocyanate	1890
2009	Amyl isothiocyanate	1891
2009	4-(Methylthio)butyl isothiocyanate	1892
2009	4-Pentenyl isothiocyanate	1893
2009	5-Hexenyl isothiocyanate	1894
2009	Hexyl isothiocyanate	1895

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2009	5-(Methylthio)pentyl isothiocyanate	1896
2009	6-(Methylthio)hexyl isothiocyanate	1897
2011	Methyl dihydrojasmonate	1898
2011	4-(2,2,3-Trimethylcyclopentyl)butanoic acid	1899
2011	(2,4) and (3,5) and (3,6)-Dimethyl-3-cyclohexenylcarbaldehyde	1900
2011	Perillaldehyde propylenglycol acetal	1901
2011	(+/-) <i>cis</i> -and <i>trans</i> -1,2-Dihydroperillaldehyde	1902
2011	d-Limonen-10-ol	1903
2011	p-Menthan-7-ol	1904
2011	p-Menth-1-en-9-ol	1905
2011	1,3-p-Menthadien-7-al	1906
2011	<i>cis</i> -and <i>trans</i> -2-Heptylcyclopropanecarboxylic acid	1907
2011	(+/-)- <i>cis</i> - and <i>trans</i> -2-Methyl-2-(4-methyl-3-pentenyl)cyclopropanecarbaldehyde	1908
2011	Methyl octyl sulfide	1909
2011	Methyl 1-propenyl sulfide	1910
2011	Di-(1-propenyl)-sulfide (mixture of isomers)	1911
2011	Ethyl 2-hydroxyethyl sulfide	1912
2011	2-(Methylthio)ethyl acetate	1913
2011	Ethyl 3-(methylthio)- <i>cis</i> -2-propenoate	1915
2011	Ethyl 3-(methylthio)- <i>trans</i> -2-propenoate	1916
2011	Ethyl 3-(methylthio)-2-propenoate	1917
2011	4-Methyl-2-(methylthiomethyl)2-pentenal	1918
2011	4-Methyl-2-(methylthiomethyl)2-hexenal	1919
2011	5-Methyl-2-(methylthiomethyl)2-hexenal	1920
2011	Butyl beta-(methylthio)acrylate	1921
2011	Ethyl 3-(ethylthio)butyrate	1922
2011	2-Oxothiolane	1923

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2011	Dodecanethiol	1924
2011	2-Hydroxyethanethiol	1925
2011	4-Mercapto-4-methyl-2-hexanone	1926
2011	3-Mercapto-3-methylbutyl isovalerate	1927
2011	(+/-) Ethyl 3-mercapto-2-methylbutanoate	1928
2011	3-Mercaptohexanal	1929
2011	Diisoamyl disulfide	1930
2011	Mixture of butyl propyl disulfide and propyl and butyl disulfide	1932
2011	di-sec-Butyl disulfide	1933
2011	Diisoamyl trisulfide	1934
2011	Methyl 2-methylphenyl disulfide	1935
2011	3-Mercaptopropionic acid	1936
2011	Methyl isobutanethioate	1937
2011	2-Ethylhexyl 3-mercapto-propionate	1938
2011	Methional diethyl acetal	1940
2011	1-(3-(Methylthio)-butyryl)-2,6,6-trimethylcyclohexene	1942
2011	Hydroxyacetone	1945
2011	Propyl pyruvate	1946
2011	Methyl 3-hydroxybutyrate	1947
2011	Dodecyl lactate	1948
2011	(+/-) Ethyl 3-hydroxy-2-methylbutyrate	1949
2011	Hexadecyl lactate	1950
2011	Methyl 3-acetoxy-2-methylbutyrate	1951
2011	1-Hydroxy-4-methyl-2-pentanone	1952
2011	Ethyl 2-acetylhexanoate	1953
2011	3-Isopropenyl-6-oxoheptanoic acid	1954
2011	Ethyl 3-hydroxyoctanoate	1955

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2011	Methyl 3-acetoxyoctanoate	1956
2011	5-Oxoctanoic acid	1957
2011	Ethyl 2-acetyloctanoate	1958
2011	Ethyl 5-acetoxyoctanoate	1959
2011	5-Oxodecanoic acid	1960
2011	Ethyl 5-oxodecanoate	1961
2011	Ethyl 5-hydroxydecanoate	1962
2011	5-Oxododecanoic acid	1963
2011	Dimethyl adipate	1964
2011	Dipropyl adipate	1965
2011	Diisopropyl adipate	1966
2011	Diisobutyl adipate	1967
2011	Diocetyl adipate	1968
2011	Ethyl acetate ethyleneglycol ketal	1969
2011	Methyl levulinate	1970
2011	Propyl levulinate	1971
2011	Isoamyl levulinate	1972
2011	<i>cis</i> -3-Hexenyl acetoacetate	1974
2011	Hydroxycitronellal propyleneglycol acetal	1975
2011	Propyleneglycol diacetate	1976
2011	6-(5(6)-Decenoyloxy)decanoic acid	1977
2011	Propyleneglycol dipropionate	1978
2011	Propyleneglycol monobutyrate	1979
2011	Propyleneglycol dibutyrate	1980
2011	Propyleneglycol mono-2-methylbutyrate	1981
2011	Propyleneglycol di-2-methylbutyrate	1982
2011	Propyleneglycol monohexanoate	1983

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2011	Propyleneglycol dihexanoate	1984
2011	Propyleneglycol dioctanoate	1985
2011	2-Oxo-3-ethyl-4-butanolide	1986
2011	Ethyl 5-hydroxyoctanoate	1987
2011	5-Pentyl-3H-furan-2-one	1989
2011	5-Hydroxy-4-methylhexanoic acid delta-lactone	1990
2011	Isoambrettolide	1991
2011	7-Decen-4-olide	1992
2011	9-Decen-5-olide	1993
2011	8-Decen-5-olide	1994
2011	Orin Lactone	1995
2011	9-Dodecen-5-olide	1996
2011	9-Tetradecen-5-olide	1997
2011	<i>gamma</i> -Octadecalactone	1998
2011	<i>delta</i> -Octadecalactone	1999
2011	4-Hydroxy-2-butenic acid <i>gamma</i> -lactone	2000
2011	2-Nonenoic acid <i>gamma</i> -lactone	2001
2011; 2021	4-Hydroxy-2,3-dimethyl-2,4-nonadienoic acid <i>gamma</i> -lactone	2002
2011	Choline chloride (also includes choline)	2003
2011	3-(Methylthio)proylamine	2004
2011	Cyclopropanecarboxylic acid (2-isopropyl-5-methyl-cyclohexyl)-amide	2006
2011	N-(2-(Pyridin-2-yl)ethyl)-3-p-menthancarboxamide	2008
2011	N-p-Benzeneacetonitrile-methanecarboxamide	2009
2011	4-Propenylphenol	2012
2011	2,4,6-Trimethylphenol	2013
2011	Sodium 3-methoxy-4-hydroxycinnamate	2014
2011	Guaiacol butyrate	2015

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2011	Guaiacol isobutyrate	2016
2011	Guaiacol propionate	2017
2011	4-(2-Propenyl)phenyl-beta-D-glucopyranoside	2018
2011	Phenyl butyrate	2019
2011	Hydroxy(4-hydroxy-3-methoxyphenyl)acetic acid	2020
2011	1-(4-Hydroxy-3-methoxyphenyl)decan-3-one	2021
2011	3-(4-Hydroxy-phenyl)-1-(2,4,6-trihydroxy-phenyl)-propan-1-one	2022
2011	Magnolol	2023
2011	5,7-Dihydroxy-2-(3-hydroxy-4-methoxy-phenyl)-chroman-4-one	2024
2011	Dimethyl benzyl carbinyol crotonate	2025
2011	Dimethylbenzyl carbinyol hexanoate	2026
2011	Caryophyllene alcohol	2027
2011	Cubebol	2028
2011	(-)-Sclareol	2029
2011	(+)-Cedrol	2030
2011	alpha-Bisabolol	2031
2011; 2017	3-Methyl-2,4-nonedione	2032
2011	Acetoin propyleneglycol ketal	2033
2011	3-Hydroxy-5-methyl-2-hexanone or 2-Hydroxy-5-methyl-2-hexanone	2034
2011	3-Hydroxy-2-octanone	2035
2011	Octan-2,3-dione	2036
2011	4,5-Octanedione	2037
2011	(+/-) 2-Hydroxypiperitone	2038
2011	1,1'-(Tetrahydro-6a-hydroxy-2,3a,5-trimethylfuro[2,3-d]-1,3-dioxole-2,5-diyl)bis-ethanone	2039
2011	4-Hydroxyacetophenone	2040
2011	3-Hydroxy-4-phenylbutan-2-one	2041
2011	2-Methoxyacetophenone	2042

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2013	2-Aminoacetophenone	2043
2011	2-Methylacetophenone	2044
2011	2-Hydroxy-5-methylacetophenone	2045
2011	2,3,3-Trimethylindanone	2047
2011	4-(3,4-Methylenedioxyphenyl)-2-butanone	2048
2011	2-(trans-2-Pentenyl)cyclopentanone	2049
2011	2-Cyclopentylcyclopentanone	2050
2011	Cyclohexanone diethyl ketal	2051
2011	2-Cyclohexenone	2052
2011	3,3,5-Trimethylcyclohexyl acetate	2053
2011	2,6,6-Trimethyl-2-hydroxycyclohexanone	2054
2011	Cyclotene propionate	2055
2011	Cyclotene butyrate	2056
2011	4-(2-Butenylidene)-3,5,5-trimethylcyclohex-2-en-1-one	2057
2011	4-Hydroxy-4-(3-hydroxy-1-butenyl)-3,5,5-trimethyl-2-cyclohexen-1-one	2058
2011	8,9-Dehydrotheaspirone	2059
2011	(+/-)-2,6,10,10-Tetramethyl-1-oxaspiro[4.5]deca-2,6-dien-8-one	2060
2011	Benzyl hexanoate	2061
2011	o-Anisaldehyde	2062
2011	Prenyl benzoate	2063
2011	Benzyl levulinate	2064
2011	4-Methylbenzyl alcohol	2065
2013	2-Ethoxy-3-isopropylpyrazine	2065
2013	2-Ethoxy-3-isopropylpyrazine	2065
2011	Benzyl nonanoate	2066
2011	4-Methylbenzaldehyde propyleneglycol acetal	2067
2011	2-Ethylhexyl benzoate	2068

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2011	(+/-) Octan-3-yl formate	2070
2011	(R)-(-)-1-Octen-3-ol	2071
2011	2-Pentyl 2-methylpentanoate	2072
2011	3-Octyl butyrate	2073
2011	2-Decanone	2074
2011	6-Methyl-5-hepten-2-one propyleneglycol acetal	2075
2011	2-Nonanone propyleneglycol acetal	2076
2013; 2021	(2E,6E/Z,8E)-N-(2-Methylpropyl)-2,6,8-decatrienamide	2077
2013	(2S,5R)-N-[4-(2-Amino-2-oxoethyl)phenyl]-5-methyl-2-(propan-2-yl)cyclohexanecarboxamide	2078
2013	(1R,2S,5R)-N-(4-Methoxyphenyl)-5-methyl-2-(1-methylethyl)cyclohexanecarboxamide	2079
2013	N-Cyclopropyl-5-methyl-2-isopropylcyclohexanecarboxamide	2080
2013	N-(2-Methylcyclohexyl)-2,3,4,5,6-Pentafluorobenzamide	2081
2013	3[(4-Amino-2,2-dioxido-1H-2,1,3-benzothiadiazin-5-yl)oxy]-2,2-dimethyl-N-propylpropanamide	2082
2013	3-Pentanethiol	2083
2013	4-Mercapto-3-methyl-2-butanol	2084
2013	Ethyl 2-mercapto-2-methylpropionate	2085
2013	1-(Methylthio)-3-octanone	2086
2013	1,1-Propanedithiol	2087
2013	1-Methyldithio-2-propanone	2088
2013	4-Methyl-2-propyl-1,3-oxathiane	2089
2013	5-Methylfurfuryl mercaptan	2090
2013	2-Methyl-3-furyl methylthiomethyl disulfide	2091
2013	2-Methyl-3-furyl 2-methyl-3-tetrahydrofuryl disulfide	2092
2013	Methyl 3-(furfurylthio)propionate	2094
2013	3-[(2-Methyl-3-furyl)thio]butanal	2095
2013	1-(2-Furfurylthio)-propanone	2096
2013	2-Methyl-4,5-dihydrofuran-3-thiol	2097

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2013	2-Methyltetrahydrofuran-3-thiol acetate	2098
2013	5-Methylfurfuryl alcohol	2099
2013	Furfural propyleneglycol acetal	2100
2013	Furfuryl formate	2101
2013	Furfuryl decanoate	2102
2013	(E)-Ethyl 3-(2-furyl)acrylate	2103
2013	Di-2-furylmethane	2104
2013	2-Methylbenzofuran	2105
2013	2-Pentylthiophene	2106
2013	2-Acetyl-5-methylthiophene	2107
2013	2-Pentylthiazole	2108
2013	4,5-Dimethyl-2-isobutylthiazole	2109
2013	3,4-Dimethylthiophene	2110
2013	2-Thienylmethanol	2111
2013	1-(2-Thienyl)ethanethiol	2112
2013	5-Ethyl-2-methylthiazole	2113
2013	2-Ethyl-2,5-dihydro-4-methylthiazole	2114
2013	4-Methyl-3-thiazoline	2115
2013	2-Ethyl-4,6-dimethyldihydro-1,3,5-dithiazine	2116
2013	4-Amino-5,6-dimethylthieno[2,3-d]pyrimidin-2(1H)-one hydrochloride	2117
2013	L-Isoleucine	2118
2013	L-Threonine	2119
2013	L-Ornithine (as the monochlorohydrate)	2120
2013	L-Alanyl-L-glutamine	2121
2013	L-Methionylglycine	2122
2013; 2017, 2019	Glutamyl-valyl-glycine	2123
2013	Isopropenylpyrazine	2125

سنة الاعتماد	المادة المنكهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2013	Isopropenylpyrazine	2125
2013	5-Ethyl-2,3-dimethylpyrazine	2126
2013	5-Ethyl-2,3-dimethylpyrazine	2126
2013	2-Methyl-5-vinylpyrazine	2127
2013	2-Methyl-5-vinylpyrazine	2127
2013	Aixture of 2,5-dimethyl-6,7-dihydro-5H-cyclopentapyrazine' and 2,7-dimethyl-6,7- dihydro-5H-cyclopentapyrazine	2128
2013	Aixture of 2,5-dimethyl-6,7-dihydro-5H-cyclopentapyrazine' and 2,7-dimethyl-6,7- dihydro-5H-cyclopentapyrazine	2128
2013	3,5- and 3,6-Dimethyl-2-isobutylpyrazine	2130
2013	3,5- and 3,6-Dimethyl-2-isobutylpyrazine	2130
2013	2-Ethoxy-3-ethylpyrazine 2	2131
2013	2-Ethoxy-3-ethylpyrazine 2	2131
2013	-Ethyl-3-methylthiopyrazine	2132
2013	3,6-Dimethyl-2,3,3a,4,5,7ahexahydrobenzofuran	2133
2013	Ethyl linalyl ether	2134
2013	Linalool oxide pyranoid	2135
2013	Isoamyl phenethyl ether	2136
2014; 2015	Nerol oxide	2137
2013	Methyl hexyl ether	2138
2013	Myrcenyl methyl ether	2139
2013	5-Isopropyl-2,6-diethyl-2- methyltetrahydro-2H-pyran	2140
2013	Butil β -naphthyl ether	2141
2013	Digeranyl ether	2142
2013	Ethyl α -ethyl- β -methyl- β -phenylglycidate	2143
2013	Methyl β -phenylglycidate	2144
2013	d-8- <i>p</i> -Menthene-1,2-epoxide	2145
2013	l-8- <i>p</i> -Menthene-1,2-epoxide	2146
2013	2-Acetyl-4-isopropylpyridine	2155

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2013	6-Methoxyquinoline	2157
2013	3-(1-((3,5-Dimethylisoxazol-4-yl)methyl)-1Hpyrazol-4-yl)-1-(3-hydroxybenzyl)-imidazolidine-2,4-dione	2161
2013	3-(1-((3,5-Dimethylisoxazol-4-yl)methyl)-1Hpyrazol-4-yl)-1-(3-hydroxybenzyl)-imidazolidine-2,4-dione	2161
2013	3-(1-((3,5-Dimethylisoxazol-4-yl)methyl)-1Hpyrazol-4-yl)-1-(3-hydroxybenzyl)-5,5-dimethylimidazolidine-2,4-dione	2162
2013	3-(1-((3,5-Dimethylisoxazol-4-yl)methyl)-1Hpyrazol-4-yl)-1-(3-hydroxybenzyl)-5,5-dimethylimidazolidine-2,4-dione	2162
2013	<i>trans</i> -2-Nonenyl acetate	2163
2013	N Propyl sorbate	2164
2013	<i>cis</i> -2-Octenol	2165
2013	<i>trans</i> -2-Tridecenol	2166
2013	Ethyl 2-hexenoate (mixture of isomers)	2167
2013	3',7-Dihydroxy-4-methoxyflavan	2170
2013	3',7-Dihydroxy-4-methoxyflavan	2170
2013	Trilobatin	2171
2013	Trilobatin	2171
2013	(±)-Eriodictyol	2172
2013	(±)-Eriodictyol	2172
2013	3-Methylhexanal	2173
2013	6-Methylheptanal	2174
2013	6-Methyloctanal	2175
2013	3,7-Dimethyloctanal	2176
2013	<i>cis</i> -3-Nonen-1-ol	2177
2013	<i>trans</i> -3-Nonen-1-ol	2178
2013	<i>cis,cis</i> -3,6-Nonadienyl acetate	2179
2013	<i>trans</i> -3-Hexenyl acetate	2180
2013	<i>cis</i> -3-Hexenoic acid	2181
2013	<i>cis</i> -3-Nonenyl acetate	2182
2013	<i>cis</i> -6-Nonenyl acetate	2183

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2013	(Z)-5-Octenyl acetate	2184
2013	(E)-4-Undecenal	2185
2015	Beta-Isomethylionone	2186
2015	Pseudoionone	2187
2015	Cassyrane	2189
2015	1-Cyclopropane-methyl-4-methoxybenzene	2190
2015	1-Octene	2191
2015	2,4-Nonadiene	2192
2015	4-Methyl-cis-2-pentene	2194
2015	1-Nonene	2195
2015	1,3,5,7-Undecatetraene	2196
2015	Mixture of methyl cyclohexadiene and methylene cyclohexene	2197
2015	2,2,6,7-Tetramethyl-bicyclo[4.3.0]nona-4,9(1)-dien-8-ol	2198
2015	dl-Camphor	2199
2015	l-Fenchone	2200
2015	2,2,6,7-Tetramethyl-bicyclo[4.3.0]nona-4,9(1)-dien-8-one	2201
2015	Ethyl 3-(2-hydroxyphenyl)propanoate	2202
2015	3-[3-(2-Isopropyl-5-methylcyclohexyl)-ureido]-butyric acid ethyl ester	2203
2015	4-Amino-5-(3-(isopropylamino)-2,2-dimethyl-3-oxopropoxy)-2-methylquinoline-3-carboxylic acid	2204
2015	4-Amino-5-(3-(isopropylamino)-2,2-dimethyl-3-oxopropoxy)-2-methylquinoline-3-carboxylic acid hemisulfate monohydrate salt	2204.1
2015	Triethylthialdine	2205
2015	2-Isopropyl-4-methyl-3-thiazoline	2206
2015	Myricitrin	2207
2015	Naringin dihydrochalcone	2208
2015	1-(2,4-Dihydroxyphenyl)-3-(3-hydroxy-4-methoxyphenyl)propan-1-one	2209
2015	(-)-Matairesinol	2210

سنة الاعتماد	المادة المنكّهة	رقم لجنة الخبراء المعنية بالمواد المضافة إلى الأغذية
2017	Ethyl alpha-acetylcinnamate	2211
2017	3-(3,4-Methylenedioxyphenyl)-2-methylpropanal	2212
2017	Ethyl 2-hydroxy-3-phenylpropionate	2213
2017	Cinnamaldehyde propyleneglycol acetal	2214
2017	2-Phenylpropanal propyleneglycol acetal	2215
2017	9-Decen-2-one	2216
2017	Yuzunone	2217
2017	1,5-Octadien-3-ol	2218
2017	3,5-Undecadien-2-one	2219
2017	3-Methyl-5-(2,2,3-trimethylcyclopent-3-en-1-yl)pent-4-en-2-ol	2220
2017	(±)-1-Cyclohexylethanol	2221
2017	2-(2-Hydroxy-4-methyl-3-cyclohexenyl)propionic acid gammalactone	2223
2017	2-(2-Hydroxyphenyl)-cyclopropanecarboxylic acid delta-lactone	2224
2017	N1-(2,3-Dimethoxybenzyl)-N2-(2-(pyridin-2-yl)ethyl)oxalamide	2225
2017	(R)-N-(1-Methoxy-4-methylpentan-2-yl)-3,4-dimethylbenzamide	2226
2017	(E)-N-[2-(1,3-Benzodioxol-5-yl)ethyl]-3-(3,4-dimethoxyphenyl)prop-2-enamide	2227
2017	(E)-3-Benzo[1,3]dioxol-5-yl-N,N-diphenyl-2-propenamide	2228
2017	N-Ethyl-5-methyl-2-(methylethenyl)cyclohexanecarboxamide	2229
2017	2,5-Dimethyl-3(2H)-furanone	2230
2017	2,5-Dimethyl-4-ethoxy-3(2H)-furanone	2231
2017	5-Methyl-3(2H)-furanone	2232
2017	Ethyl 2,5-dimethyl-3-oxo-4(2H)-furyl carbonate	2233
2017	4-Acetyl-2,5-dimethyl-3(2H)-furanone	2234
2019	2-(((3-(2,3-Dimethoxyphenyl)-1H-1,2,4-triazol-5-yl)thio)methyl)pyridine	2235
2019	S)-1-(3-(((4-Amino-2,2-dioxido-1H-benzo[c][1,2,6]thiadiazin-5-yl)oxy)methyl)piperidin-1-yl)-3-methylbutan-1-one	2236
2019	2-(4-Methylphenoxy)-N-(1H-pyrazol-3-yl)-N-(thiophen-2-ylmethyl)acetamide	2237
2019	8-Methyldecanal	2238

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2019	8-Methylnonanal	2239
2019	trans-6-Octenal	2240
2019	2,6-Dimethyl-5-heptenol	2241
2019	Pinocarvyl isobutyrate	2242
2019	Carvyl palmitate	2243
2019	6-Hydroxycarvone	2244
2019	Menthyl formate	2246
2019	Menthyl propionate	2247
2019	l-Menthyl butyrate	2248
2019	dl-Isomenthol	2249
2019	Dimenthyl glutarate	2250
2019	(±)-2-[(2-p-Menthoxy)ethoxy]ethanol	2251
2019	Ethyl maltol isobutyrate	2252
2019	Mixture of 1-Vinyl-3-cyclohexenecarbaldehyde and 4-Vinyl-1-cyclohexenecarbaldehyde	2253
2019	(1-Methyl-2-(1,2,2-trimethylbicyclo[3.1.0]hex-3-ylmethyl)cyclopropyl)methanol	2254
2019	(±)-Bicyclo[2.2.1]hept-5-ene-2-carboxylic acid, ethyl ester	2255
2021	(±)-Homoeriodictyol sodium salt	2256
2021	(±)-Naringenin	2257
2021	(2R)-3',5-Dihydroxy-4'-methoxyflavanone	2258
2021	7,8-Dihydroxyflavone	2259
2021	(2S)-3',7-Dihydroxy-8-methyl-4'-methoxyflavan	2260
2021	(R)-5-Hydroxy-4-(4'-hydroxy-3'-methoxyphenyl)-7-methylchroman-2-one	2261
2021	3-(3-Hydroxy-4-methoxyphenyl)-1-(2,4,6-trihydroxyphenyl)propan-1-one	2262
2023	Trans-4- <i>tert</i> -butylcyclohexanol	2263
2023	Caryophylla-3(4),8-dien-5-ol	2264
2021	Betaine	2265
2021	Glutamyl-2-aminobutyric acid	2266

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2021	Glutamyl-norvalyl-glycine	2267
2021	Glutamyl-norvaline	2268
2021	<i>N</i> -Acetyl-glutamate	2269
2021	L-Cysteine methyl ester hydrochloride	2270