Technical Regulations of the Customs Union
TR CU 029/2012

Safety requirements of food additives, flavorings and processing aids

Lists of documents on standardization,
ensuring compliance with the requirements of this Technical Regulation

Foreword

1. Technical Regulations of the Customs Union "Safety of food additives, flavorings and processing aids" (hereinafter - Technical Regulations) developed in accordance with the Agreement on common principles and rules of technical regulation in the Republic of Belarus, Kazakhstan and the Russian Federation dated November 18, 2010 .

2. This Technical regulation is designed to establish the common customs territory of the Customs Union unified mandatory for the application and enforcement of the requirements for food additives, flavorings and processing aids and their content in food products, ensuring the free movement of food additives, flavorings and processing aids, put into circulation in a single customs territory of the Customs Union.

3. Requirements for the content and use of food additives, flavorings and processing aids established by other technical regulations of the Customs Union, may not contain requirements that are contrary to the requirements of this Technical Regulation.

4. If, in respect of food additives, flavorings and processing aids taken other technical regulations of the Customs Union, establish requirements for food additives, flavorings and processing aids, the supplements, flavorings and processing aids should also comply with the requirements of technical regulations of the Customs Union , the effect of which they are subject.

Article 1. Scope

1. This Technical Regulation establishes:

1) The objects of technical regulation;

2) security requirements to objects of technical regulation;

3) The rules for identifying objects of technical regulation;

4) forms and assessment procedures (confirmation) objects of technical regulation requirements hereof.

Article 2. Objectives of the adoption

1. The objectives of the adoption of this Technical Regulation are:

1) protection of human life and health;

2) prevention of actions misleading purchasers (consumers);

3) protection of the environment.

Article 3. Objects of technical regulation

1. The objects of technical regulation of the Technical Regulations are put into circulation and outstanding on a single customs territory of the Customs Union:

1) dietary supplements, nutritional supplements complex;

2) flavorings;

3) processing aids;

4) food products in terms of its content of dietary supplements, biologically active substances of flavors, residual amounts of processing aids;

5) processes of production, storage, transportation, sale and disposal of food additives, flavorings and processing aids.

2. This Technical Regulation does not apply to nationals carried out in the home and (or) in private farms during manufacturing, storage, transportation, sale, disposal and use of food additives, flavorings and processing aids, intended only for personal use and not intended for release in the treatment of the common customs territory of the Customs Union.

Article 4. Definitions

For the purposes of this Technical Regulation, the concepts established by the technical regulations of the Customs Union "On food safety" as well as the following terms and definitions: **food flavoring (flavor)** - not employed directly by man for food or flavor, flavoring preparation, thermal process flavorings or or a smoking flavor, flavors or precursors, or a mixture thereof (flavoring part) designed for imparting the flavor of food products and (or) flavor (except sweet, sour and salty), with or without addition of other components;

smokehouse flavor - a mixture of substances extracted from the fumes used in traditional smoked by fractionation and purification of smoke condensates;

flavoring thermal technology - a mixture of substances, obtained by heating the food or food ingredients used, one of which must be an amine compound, and the other - the reducing sugar when the following heat treatment conditions: temperature not above 180 ° C, the duration of the heat treatment for 15 minutes at 180 ° C with a corresponding increase in the time while using lower temperatures - doubling of the heating time when the temperature decreases by every 10 ° C but not more than 12 hours; pH during the process should not exceed 8.0;

antioxidant - a nutritional supplement designed to slow down the oxidation process and increase the shelf life of food products (food raw materials);

Flowing agent (antikomkovatel) - dietary supplement designed to prevent sticking (clumping) and fine-grained powder particles of food and maintain its flowability;

flavoring substance - chemically defined (chemically distinct) substance with the properties of flavor, has a characteristic aroma and (or) taste (except for sweet, sour and salty);

natural flavoring agent - flavoring substance separated by physical, enzymatic or microbiological processes from raw materials of vegetable, microbial or animal origin, including those processed by conventional methods of food production;

substance for the treatment of flour - a food additive (except emulsifiers), designed to improve the baking quality or color of the flour (dough);

humectant (humectant) - dietary supplement designed to retain moisture and protect the food from drying out;

Glazing - a dietary supplement intended for application to the surface of food products in order to make it shine and / or the formation of a protective layer;

gelling agent - a nutritional supplement designed to form a gel-like texture of food products;

thickener - a nutritional supplement designed to increase the viscosity of food products;

catalyst - technological aids designed to speed up chemical reactions;

acid - a dietary supplement designed to increase the acidity of food products and / or impart a sour taste to it;

preservative - a nutritional supplement designed to extend the (increasing) the shelf life of food products by protecting against microbial spoilage and / or growth of pathogenic microorganisms;

dye - a nutritional supplement designed to give, enhance or restore the color of food products; to food dyes do not include food products, having a secondary coloring effect, as well as dyes used to color the inedible external parts of foodstuffs (eg for coloring the shells of cheeses and sausages, meat for branding, marking cheese and eggs);

complex food additive - a mixture of food (s) additive (s) and (or) food raw materials and (or) flavor (s) available for release into circulation; in which at least one of the dietary supplements, part of the complex food additives, should provide the ultimate in food functional effect;

the maximum permissible level (the maximum level allowable level) - health standard that establishes the maximum number of food additives (flavor of the active substance) in food products, ensuring the safety of it for the man;

filler - a nutritional supplement that increases the amount of food without significantly increasing the energy value;

Natural sources of flavor substances (aromatizers) - plants (plant parts), products of animal origin are used as raw materials in the production of the flavor flavorings (flavoring substances, flavoring preparations);

carrier - a dietary supplement intended for dissolution, dilution, dispersion or other physical modifications of food additives, flavorings, enzyme preparations, nutrients and / or other substances that do not affect their function to improve efficiency and facilitate their use;

antifoam - dietary supplement designed to prevent or reduce foaming in food products;

foaming - food additive, designed for the uniform distribution of the gaseous phase in the liquid and solid foods;

food additive - any substance (or mixture of substances), whether or not having its own nutritional value is not usually consumed directly as food, intentionally used in the production of food products from a technological purpose (function) for the processes of production (manufacturing), transportation

(transportation) and storage, which causes or may cause the substance or its conversion products are components of food products; food additive can perform more processing functions;

food additive, flavoring, processing aids new species - and mixtures thereof, to which the requirements established by this Technical Regulation;

foods without added sugar - food products, made without the addition of mono- and disaccharides or foods containing them;

sweetener - a nutritional supplement designed to make food taste sweet or used as part of a tabletop sweetener;

precursor flavoring - agent or mixture thereof, which (s) (s) may be obtained by (s) of food products as well as production of which is not used directly as a food without necessarily having (aq) flavoring properties intentionally added (aq) to a food product with the sole purpose of obtaining taste and flavor degradation by or reaction with other components in the cooking process;

flavoring preparation - a mixture of flavoring and other substances extracted by physical, enzymatic or microbiological processes: production of food or edible materials, including after processing by conventional methods of preparing food products; and / or products of plant, animal or microbial origin are not used directly as a food used as such or processed using traditional methods of preparing food products;

propellant - a dietary supplement - gas (other than air), designed for the ejection of the food product from the container (the container);

baking powder - a nutritional supplement designed to increase the volume of the test due to the formation of gas;

regulator of acidity - a nutritional supplement designed to modify or adjust the pH (acidity or alkalinity) of food;

stabilizer - a dietary supplement designed to provide aggregate stability and / or maintain a uniform dispersion of two or more immiscible components;

according to technical specifications (hereinafter - in accordance with AT) - factory-installed application regulation of food additives, flavorings, and processing aids where the levels of use and (or) the types of food are determined technological feasibility, wherein the amount used food additives, flavorings, and processing aids shall not exceed the quantities needed to achieve technological effect;

tabletop sweetener - food products (food (th) additives (a)), containing permitted sweeteners, with or without the addition of other ingredients, and (or) food components and intended for sale to consumers;

technological means (hereinafter - processing aids) - a substance or materials or their derivatives (except for equipment, packaging materials, products and dishes), which, without being components of food products, intentionally used in the processing of food (food) raw materials and (or) in the production of food products for specific technological goals and achieve them after removed from such raw materials such food, or residual amounts which do not have a technological effect in the finished food products;

Traditional methods of producing food products - cooking, including steam and pressurized (120 ° C), baking, roasting, braising, frying, including the oil (240 ° C at atmospheric pressure), drying, evaporation, heating, cooling, freezing, soaking, maceration (soaking), infusion (infusion), percolation (percolation), filtering, compression (squeeze), mixing, emulsifying, grinding (cutting, crushing, grinding, pounding), encapsulation, peeling (shelling), distillation (rectification), extraction (including extraction solvents), fermentation and microbiological processes;

Gas packaging - dietary supplement - gas (other than air) introduced into the tank (container) before, during or after placing the food product in a container (container);

amplifier taste (flavor) - food supplement designed to enhance the flavor and (or) a natural taste modifying and (or) the flavor of foodstuffs;

seal - food supplement for maintaining the density of the tissues of fruits, vegetables and hardening gel structure of food;

retainer (stabilizer) color - food supplements intended to stabilize, preserve (or gain) of food coloring;

enzyme preparations - purified and concentrated products containing certain enzymes or enzyme complex, plant, animal and microbial (producer) origin, necessary for the implementation of biochemical processes occurring in the production of products;

flocculant (clarifier, the adsorbent) - technological aids designed to improve the efficiency of deposition processes (adsorption) impurities;

emulsifier - a dietary supplement designed to create and / or maintain a homogeneous mixture of two or more immiscible phases in a food product;

emulsifying salt - a nutritional supplement designed for even distribution of fat, protein and / or improve the ductility of processed cheeses and products based on them.

Article 5. Handling market

1. Food additives, flavorings and processing aids are issued on a single customs territory of the Customs Union provided that they meet these technical regulations, as well as other technical regulations of the Customs Union, the action of which they are subject.

2. Food additives, flavorings and processing aids, which match the requirements of this Technical Regulation has not been confirmed, no one should be marked with a mark of products on the market states - members of the customs union and are not allowed to release into circulation in the market.

3. Outstanding at a single customs territory of the Customs Union food additives, flavorings and processing aids should be accompanied by information about the document confirming their safety, and documents that provide traceability (shipping documents), as well as information about storage conditions and shelf life of products.

Article 6. Identification Rules

1. Identification of the food additives, flavorings and processing aids is carried out in accordance with the rules established by the Technical Regulations of the Customs Union "On food safety" .

Article 7. Safety requirements for food additives, flavorings, processing aids, as well as their use in the manufacture of food products

1. For the purposes of safety of food additives, flavorings and processing aids in the production of food and prevention of actions misleading purchasers (consumers), subject to the following requirements:

1) The use of food additives, flavorings and processing aids should not increase the risk of a possible adverse effect of food on human health;

2) the content of food additives, residual amounts of processing aids and biologically active substances contained in the flavors, flavoring preparations and (or) natural sources of flavorings must comply with the requirements of this Technical Regulation, to the maximum allowable content of regulated substances in them;

3) food additives, flavorings and processing aids should be used only in cases where there is a need to improve the technology, as well as the need to improve consumer properties of food products to increase their shelf life, which is to achieve by other means is not possible or is not economically justified;

4) The use of food additives and flavorings should not enter the purchaser (customer) misleading in respect of consumer properties of food products;

5) the use of food additives, flavorings, and processing aids must not cause deterioration of the organoleptic characteristics of food products;

6) nutritional supplements, flavorings and processing aids should be used in the manufacture of food products in the minimum amount necessary to achieve the technological effect;

7) Never use food additives and flavorings to hide corruption and poor quality of raw materials or finished food products and / or falsification, and / or with the intent to mislead purchasers (consumers);

8) are in circulation on the single customs territory of the Customs Union food additives, flavorings and processing aids produced with the use of genetically modified organisms and other biotechnologies must comply with the technical regulations of the Customs Union "On food safety" .

2. Food additives, flavorings and processing aids should be packaged and packed way to ensure their safety and declared in the labeling consumer properties of the expiration date when stored.

3. When packing food additives, flavorings and processing aids should be used materials that meet the requirements of technical regulations of the Customs Union on the security of materials in contact with food.

4. Indicators of safety of food additives (the content of toxic elements and microbiological parameters) and the level of cleanliness must comply with the requirements established in Annex 28 to the present Technical Regulations.

5. The safety performance of complex food supplements containing food raw materials, except for microbiological parameters shall conform to the requirements for food products mixed (multicomponent) staff in the technical regulations of the Customs Union "On food safety" , in the technical regulations

of the Customs Union for certain types of food products.

6. The safety record of flavorings and their composition must comply with the requirements set out in Annexes 1 and 19 to the present Technical Regulations.

7. As a raw material in the production of flavors are allowed:

1) flavoring substances according to Annex 19 to the present technical regulations;

2) The sources of natural flavoring substances and / or flavoring made therefrom preparations.

8. allowed production for release into circulation food flavorings:

1) consisting of flavoring substances according to Annex 19 to the present technical regulations;

2) consisting of flavoring agents produced from natural sources, flavoring substances;

3) smoking flavors;

4) thermal process flavorings;

5) consisting of a fragrance precursor;

6) other flavors (which include components in addition to the above in subparagraphs 1), 2), 3), 4) and 5) of this subsection;

7) mixtures of the foregoing fragrances.

9. Enzyme preparations shall comply with the following safety requirements:

1), the lead content should not exceed 5.0 mg / kg;

2) microbial indicators: - number of mesophilic aerobic and facultative anaerobic microorganisms (QMAFAnM), CFU / g, not more - 5x10 (for enzyme preparations of plant, microbial (bacterial and fungal) origin), 1x10 (for enzyme preparations of animal origin, including milk-clotting) - coliform bacteria (coliform bacteria, coliforms) in 0.1 g - are not allowed; - pathogenic microorganisms, including salmonella in 25g - not allowed; - E. coli in 25 g - not allowed ;

3) not be viable forms of content producers;

4) enzyme preparations of microbial (bacterial and fungal) origin should not have antibiotic activity;

5) enzyme preparations of fungal origin should not contain mycotoxins (Sterigmatocystin, aflatoxin B1, T-2 toxin, zearalenone, ochratoxin A).

10. For enzyme preparations as sources and producers are allowed to use the organs and tissues of healthy farm animals, cultivated plants, as well as special non-pathogenic strains of microorganisms and nontoxigenic bacteria and lower fungi in accordance with Annex 26 to the present Technical Regulations. For standardization activity and increase the stability of the enzyme drugs in their composition is allowed to use food additives in accordance with Appendix 2 to this technical regulation.

11. For the production of enzyme preparations as immobilizing materials and solid carriers may be used processing aids according to Appendix 27 to the present Technical Regulations.

12. Activity of finished food products used as processing aids enzymes should not be detected.

13. The content of dietary supplements, biologically active substances in flavorings and non-removable residues of processing aids in the food product must meet the requirements set out in Annexes 3 - 8 ,10 - 18 , 20 - 27 , 29 to the present Technical Regulations, in the technical regulations of the Customs Union "On food safety" and in the technical regulations of the Customs Union for certain types of food products.

14. The total content in food supplements from all sources of income must not exceed the maximum permitted levels set forth in this Technical Regulation.

15. The content in food supplements, standardized this technical regulation is controlled by the tab (for recipe) and / or with the use of analytical methods.

16. Hygienic standards content of food additives in food products installed in Annexes 3 - 18 and 29 to the present Technical Regulations.

17 of these technical regulations, the following limitations and use of food additives in the production of certain types of food products:

1) food additives (other than colors and sweeteners), the use of which is regulated according to the AP, set in Annexes 3 , 6 , 7 (except carbon dioxide E290), 8 , 12 , 15 , 16 and 17 to the present Technical Regulations, may be used for all types of food, with the exception of:

a) untreated food product, honey, wine, animal fats, butter from cow's milk, pasteurized and sterilized milk and cream, natural mineral water, coffee (except aromatized soluble) and coffee extracts, tea leaf unscented sugars, dry pasta (gluten-free and low-protein except), natural, unscented buttermilk (excluding sterilized);

b) food products in accordance with Annex 18 to this technical regulation, which is set as a list of food additives used according to the AP, and permissible levels of their application;

2) The dyes may be used: to preserve the original appearance of the food product, the color of which changes as a result of processing, storage, packaging, et al., Colorless to color changes of food products, and its organoleptic properties. Maximum levels of dyes in food products are installed in accordance with Annexes 10 and 11 to the present Technical Regulations mean the main content of the colorant used in commercial preparations of dyes;

3) shall not be used in the manufacture of dyes, food products in accordance with Annex 9 to this technical regulation; dyes, the use of which is regulated according to the AP, approved for use in all types of food products other than those stated in Annexes 9 and 10 to the present technical regulations;

4) for coloring foods allowed to use water-insoluble coatings, maximum levels of dyes which should correspond to the levels of soluble forms of the dyes in accordance with Annexes 10 and 11 to the present technical regulations;

5) for stamping meat, eggs and cheese labeling allowed the following dyes: metilviolet (International Classification of dyes - CI 42535), rhodamine C (CI 45170), magenta sour (CI 45685), as well as food coloring in accordance with Annex 11 to this technical regulations;

6) for coloring eggs may only be used food coloring set out in Appendix 11 to the present technical regulations;

7) Do not use substances for the treatment of flour in the manufacture of flour for retail sale (except special types: pancake flour, flour for cakes, etc.);

8) Do not use preservatives in the production of milk, butter, flour, bread (except packaged for long-term storage), meat - raw material for the production of food products;

9) the sulfur dioxide content in the food product in an amount of less than 10 mg / kg (n) (when using materials or desulfited due secondary proceeds) is estimated as residual amounts that have no preservative effect;

10) in the production of nitrites meat products should be used only as a salting-nitrite mixtures (solutions) or in complex food additives;

11) sweeteners should be applied: the food products with reduced energy value and without added sugars in diet products intended for individuals who recommended limit (exclude) the consumption of sugar in specialized products with a given chemical composition, as well as to replace the sugar with the aim of increase the shelf life of food products.

18. Scope and maximum dosage of flavorings established by the manufacturer in the technical documents in accordance with the standards established by the present technical regulations, taking into account the permissible content of food supplements and biologically active substances in food products; dosage of flavors in the production of food products shall not exceed the values specified by the manufacturer of flavors.

19. Acceptable level of food production of biologically active substances contained in the herbal flavors (flavoring preparations) and / or plant material are set out in Appendix 20 to the present Technical Regulations.

20. When used as a source of natural herbs flavor substances and / or flavoring agents herbal their content (in terms of dry feed contained therein, or a biologically active substance) 1 kg (L) food product should not exceed the number of rendering pharmacological effect.

21. Do not use in the production of food as flavoring substances the following compounds: Agaricales acid, beta-asarone, alloin, hypericin, capsaicin, kvassin, coumarin, mentofuran, methyl eugenol (4-allyl-1,2-dimethoxybenzene), pulegone, safrole (1-allyl-3,4-methylenedioxybenzene), hydrocyanic acid, thujone (alpha and beta), teukrin A, estragol (1-allyl-4-methoxybenzene).

22. In the manufacture of food products the use of natural flavoring substances sources, as well as flavoring agents and flavoring agents produced from them have the following limitations:

1) tetraploid forms Ira ordinary (Acorus calamus L., CE 13) is not allowed in the production of food and flavors;

2) Quassia amara (Quassia amara L., SE332) and Picrasma (Quassia) High (Picrasma excelsa (Sw.) Planch., 2092 CE) is allowed only in the production of non-alcoholic and alcoholic beverages and bakery products, content kvassina regulated in accordance with Annex 20 to the present technical regulations;

3) sponge leafy drug (Fomes officinalis (Vill.Fr.) Ames or Laricifomes officinalis (Vill.Fr.) Kotl. Et Pouz., SE2061a, CE359), St. John's wort (Hypericum perforatum L., CE 234), Dubrovnik purple (Teucrium chamaedrys L., SE449) are allowed only in the production of alcoholic beverages. Contents A teukrina installed in Appendix 20 to the present technical regulations;

23. Hygienic standards application processing aids established in Annex 21 - 27 to the present Technical Regulations.

24. For the production of food as processing aids may be used as food additives approved for use in accordance with Annex 2 to the present Technical Regulations.

Article 8. Requirements for the processes of production (manufacturing), storage, transportation (transportation), marketing and utilization of food additives, flavorings and processing aids

1. The production, storage, sale, transportation and disposal of food additives, flavorings and processing aids must comply with the requirements established by the technical regulations of the Customs Union "On food safety" .

2. For retail sale are not permitted flavors that contain biologically active substances listed in Appendix 20 to the present of this technical regulation.

3. For retail sales allowed the following supplements:

1) acids and acidity regulators: sodium hydrogencarbonate (E500ii, baking soda), citric acid (E330), carbon dioxide (E290);

2) dyes, including Easter eggs: azorubin (E122), anthocyanins (E163), yellow "sunset" FCF (E110), quinoline yellow (E104), Green S (E142), indigo carmine (E132), carmine (E120), carotene and its derivatives (E160), Ponce 4R (E124) brilliant blue FCF (E133), patented blue V (E131), tartrazine (E102);

3) sweeteners: aspartame (E951), acesulfame potassium (E950), aspartame, acesulfame-salt (E962), isomalt (E953), xylitol (E967), lactitol (E966), maltitol (E965), mannitol (E421), neogisperidin dihydrochalcone (E959), saccharin and its sodium, potassium, calcium (E950), sorbitol (E420), stevia and stevioside (E960), sucralose (E955), thaumatin (E957), cyclamic acid and its sodium salt, calcium (E952) erythritol (E968).

4. Retail sale of other food additives (preservatives: benzoic acid (E210), sodium benzoate (E211), potassium benzoate (E212), calcium benzoate (E213), sorbic acid (E200), sodium sorbate (E201), potassium sorbate (E202), calcium sorbate (E203), 9% aqueous solution (maximum) acetic acid (E260), flavor enhancers and flavor: glutamic acid (E620), sodium glutamate (E621), potassium glutamate (E622), calcium glutamate (E629) , guanylic acid (E626), sodium guanylate (E627), potassium guanylate (E628), calcium guanylate (E629), inosinic acid (E630), sodium inosinate (E631), potassium inosinate (E632), calcium inosinate (E633), 5 'ribonucleotide calcium (E634) and 5'-ribonucleotide sodium (E635)) governed by the laws of the State - a member of the Customs Union.

Article 9. Requirements for the labeling of food additives, flavorings, processing aids

1. Labelling of food additives, flavorings, processing aids and food products containing food additives, flavorings and processing aids must contain the information specified technical regulations of the Customs Union "Food products in terms of their labeling" , with the following additional requirements :

1) the name of the food additive shall contain the words "food supplement" ("complex food additive") and (or) function (e) class (es) of food (s), additive (s) and the name of the food (s), additive (s) in accordance with the requirements of Appendix 2 to this technical regulation and (or) index food additive according to the International Digital Systems (INS) or the European digital system (EAN);

2) The name of the flavoring (s) should contain the word (s) "flavor (s)" ("flavor," or "flavoring preparation" or "smokehouse flavor" or "flavoring Thermal Technology" or "flavor precursor");

3) the name of the flavoring (s) can be supplemented by the word "natural (e)" if the flavoring contains only flavoring agents and (or) natural flavorings obtained from natural raw materials. The use of invented names of natural flavors indications of food products and taste (flavor) which data flavors are allowed only in cases where such natural flavors contain only natural flavorings and (or) natural flavoring preparations, isolated from a particular food products;

4) the name of technological (th) of subsidiary (th) means (a) shall contain the words "processing aids" and the name of the process (they are) of the auxiliary (s) means (a) in accordance with the requirements of Annex 21 - 27 to the present technical regulations;

5) labeling enzyme preparations should contain an additional indication of the type (s) of activity of the enzyme (s) form (s) of the microorganism (s) -produtsenta (s), source of origin;

6) for food products containing enzyme preparations, the type (s) of activity, the type (s) of microorganisms-producers of these drugs may be omitted;

7) for food additives, flavorings, processing aids, not intended for retail sale, labeling must contain the words "not for retail sale";

8) for a tabletop sweetener labeling should indicate the safe dose of daily consumption;

9) for food products containing flavoring preparations, labeling must indicate the type of the drug (extract, extract, essential oils, maslosmoly et al.) Or the word "natural flavor";

10) for food products containing flavoring (s) may be omitted flavoring substances and (or) the flavoring agents that make up the flavor (s);

11) may be omitted in the marking preservative sulfur dioxide levels in food products of less than 10 mg / kg (n) based on the sulfur dioxide.

2. Methods of communicating labeling of food additives, flavorings, processing aids, not intended for retail sale must comply with the requirements of technical regulations of the Customs Union "Food products are part of its markings" on the labeling of food products placed in a shipping container.

Article 10. Evaluation (confirmation)

1. Compliance with food additives, flavorings and processing aids of this technical regulation ensures the implementation of its safety and compliance with the requirements of technical regulations of the Customs Union "On food safety" and CU technical regulations, which apply to these products.

2. Research methods (tests) and measurements are established in the standards, according to the list of standards containing rules and methods of researches (tests) and measurements, including the rules of sampling required for the implementation and enforcement of the requirements of this Technical Regulation and implementation of assessment (confirmation) conformity of the product.

3. Food additives, flavorings and processing aids are subject to assessment (confirmation) of conformity according to the technical regulations of the Customs Union "On food safety" .

4. Assessment (confirmation) of food additives, flavorings and processing aids provided additional information:

1) the composition of the complex food additives (composition and an indication of the content of rationed food additives according to Appendix 3 - 8 , 10 - 18 and 29 to the present Technical Regulations);

2) the composition of flavors, with an indication of flavor substances, flavoring agents, carriers and content of standardized active compounds according to Annex 20 to the present Technical Regulations, rationed food additives according to Appendix 3 - 8 , 10 - 18 and 29 to the present technical regulations;

3) the use in food additives, flavorings, and processing aids Genn modified organisms and components derived from GMOs;

4) the use of nanomaterials and nanotechnology products.

5. Assessment (confirmation) enzyme preparations further provided:

1) information about the source of origin of the drug and its characteristics, including primary and secondary activity;

2) characterization of the strain (s), microorganism (s) -produtsenta (s), enzyme (s):

a) the taxonomic status (generic and specific strain name, number and the original title, information about the deposit in the culture collection and modifications);

b) information on the toxigenicity and pathogenicity (for strains of the genera, among which there are conditionally pathogenic microorganisms);

c) information on the use of enzyme preparations in the production of strains of genetically - modified organisms.

6. At the state registration of food additives, flavorings and processing aids of a new type to the information specified in parts 4-5 of this article, additionally submit information demonstrating the safety for human health of a new kind of production:

1) for food supplements and flavors - the characteristic substance (s), they (it) the origin and chemical (s) formula (s), composition, physico-chemical properties, the preparation process, the content of the basic substance (degree of purity, the presence and amount of impurities) mechanism to achieve technological effect and possible reaction products with nutritional substances;

2) flavors derived from natural sources, flavoring agents - the used portion (s) of the source, composition and contents of the main components, including the biologically active, use in food or medicinal purposes, dosages;

3) toxicological characteristics; for individual substances - metabolism in the animal body;

4) Technological rationale for the use of food additives, flavorings, and processing aids of a new kind, advantages compared to the already applied, the list of food products in which it is proposed to use dosages needed to achieve the effect of the process;

5) technical documentation containing established safety record, methods for the determination of food additives and processing aids of a new kind (products of its transformation) or the main components and biologically active substances (if any).

7. The state control (supervision) over compliance with the requirements of this Technical Regulation is carried out in the manner prescribed by national law - a member of the Customs Union. * 10.7)

Article 11. Marking of single sign-treatment products on the market states - members of the Customs Union

1. Food additives, flavorings and processing aids that meet the requirements of this Technical Regulation and the last assessment (confirmation) of compliance in accordance with Article 10 of this Technical Regulation shall be marked with a single sign-treatment products on the market states - members of the Customs Union.

2. Identification of a single mark of products on the market states - members of the Customs Union is carried out before the release of food additives, flavorings and processing aids in circulation in the market states - members of the Customs Union.

3. Single sign-treatment products on the market states - members of the Customs Union is applied to the package in any way, providing crisp and clear throughout the shelf life of food additives, flavorings and processing aids.

Article 12. Safeguard clause

1. States - members of the Customs Union are required to take all measures to prevent the release into circulation in the single customs territory of the Customs Union food additives, flavorings and processing aids that do not meet the safety requirements of this Technical Regulation, and their withdrawal from circulation.

2. The competent authority of the State - a member of the Customs Union shall notify the competent authorities of other Member States of the Customs Union of the decision stating the reasons of this decision and the provision of evidence, explaining the need for the measure. * 12.2)

Appendix 1: Safety requirements for flavors

Annex 1
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

1. The content of toxic elements in flavorings must not exceed the following indicators: Lead - 5.0 mg / kg; Cd - 1.0 mg / kg Arsenic - 3.0 mg / kg; Hg - 1.0 mg / kg.

2. Smoke flavoring must meet the following additional requirements:

1) the content of benzo (a) pyrene should not exceed 2 mg / kg (n);

2) the content of benzo (a) anthracene should not exceed 20 mg / kg (n).

3. microbiological criteria flavorings shall comply with the following requirements:

Types of flavors	QMAFAnM CFU / g, not more than	Weight of the product, which is not allowed, g		Molds, cfu / g, more	Yeast CFU / g, more	Notes
		CGB (number form)	Pathogens, includingSalmonella			

Flavours water based liquid and pasty	5 x 10	1.0	25	100		yeast and mold in the amount of
Flavors Dry based sugars, gums, salts and other products	5 x 10	0.1	25	100	100	
Flavorings based on dry starch and spices	5 x 10	0.01	25	500	100	Spice - sulfitre- induces clostridia are not allowed in 0.01 g

Note:

- Addition of aqueous solutions containing propylene glycol or ethyl alcohol 15%.

Appendix 2. List of food additives authorized for use in food production

Annex 2 to the Technical Regulations
"Requirements for safety of food additives, flavorings and processing aids "
(TR CU 029/2012)

Index	Name of additive	Major technological cal function
E100	Curcumin (CURCUMIN)	dye
E101	Riboflavin (RIBOFLAVINS): (i) Riboflavin (Riboflavin), (II) Sodium salt of riboflavin 5'-phosphate (Riboflavin 5-phosphate sodium).	dye

E102	Tartrazine (TARTRAZINE)	dye
E104	Quinoline yellow (QUINOLINE YELLOW)	dye
E110	Yellow "sunset" FCF (SUNSET YELLOW FCF)	dye
E120	Carmina (CARMINES)	dye
E122	Azorubin, Karmuazin (AZORUBINE)	dye
E124	Ponce 4R, Carmine 4R (PONCEAU 4R)	dye
E129	Allura Red AC (ALLURA RED AC)	dye
E131	Blue patented V (PATENT BLUE V)	dye
E132	Indigo carmine (INDIGOTINE)	dye
E133	Brilliant blue FCF, brilliant blue FCF (BRILLIANT BLUE FCF)	dye
E140	Chlorophylls and chlorophyllins (CHLOROPHYLLS AND CHLOROPHYLLINS) (i) Chlorophylls (Chlorophylls) (II) chlorophyllin (Chlorophyllins)	dye
E141	Copper complexes of chlorophylls and chlorophyllins (complexs COPPER AND OF CHLOROPHYLLS CHLOROPHYLLINS): (i) Copper complexes of chlorophylls (Copper complexs of chlorophylls), (II) complexes of chlorophyllins Copper (Copper complexs conductive shlorophyllins)	dye
E142	Green S (GREEN S)	dye
E143	Green robust FCF (FAST GREEN FCF)	dye
E150a	I simple sugar color (CARAMEL I - Plain)	dye
E150b	Sugar color II, obtained by the "alkaline sulfite" technology (CARAMEL II - Caustic sulphite process)	dye
E150c	Sugar color III, obtained by the "ammonia" technology (CARAMEL III - Ammonia process)	dye
E150d	Sugar color IV, obtained by the "ammonia-sulfite" technology (CARAMEL IV - Ammonia-sulphite process)	dye
E151	Brilliant Black PN, Brilliant Black PN (BRILLIANT BLACK PN)	dye
E153	Coal plant (VEGETABLE CARBON)	dye

E155	Brown HT (BROWN HT)	dye
E160a	Carotenes (CAROTENES)	dye
E160b	Annatto, bixin, norbiksin (ANNATO, BIXIN, NORBIXIN)	dye
E160c	Paprika extract, capsanthin, kapsorubin (PAPRIKA EXTRACT, CAPSANTHIN, CAPSORUBIN)	dye
E160d	Lycopene (LYCOPENE)	dye
E160e	beta-apo-8'-carotene aldehyde (C30) (BETA-APO-8'-CAROTENAl (C30))	dye
E160f	beta-apo-8'-carotene acid (C30) ethyl ester (BETA-APO-8'-CAROTENOIC ACID (C30) OF ETHYL ESTER)	dye
E161b	Lutein (LUTEIN)	dye
E161g	Canthaxanthin (CANTHAXANTHIN)	dye
E162	Red beet (BEET RED)	dye
E163	Antotsiany (ANTHOCYANINS)	dye
E170	Calcium carbonate (CALCIUM CARBONATE)	dye (surface), the agent anti -caking, stabilizer, carrier
E171	Titanium dioxide (TITANIUM DIOXIDE)	dye
E172	Iron oxides and hydroxides (IRON OXIDES AND HYDROXIDES)	Dyes
E174	Silver (SILVER)	dye
E175	Gold (GOLD)	dye
E181	Tannins food (TANNINS, FOOD GRADE)	colourant, emulsifier, stabilizer
E200	Sorbic acid (SORBIC ACID)	preservative
E201	Sodium sorbate (SODIUM SORBATE)	preservative
E202	Potassium sorbate (POTASSIUM SORBATE)	preservative
E203	Calcium sorbate (CALCIUM SORBATE)	preservative

E210	Benzoic acid (BENZOIC ACID)	preservative
E211	Sodium benzoate (SODIUM BENZOATE)	preservative
E212	Potassium benzoate (POTASSIUM BENZOATE)	preservative
E213	Calcium benzoate (CALCIUM BENZOATE)	preservative
E214	p-hydroxybenzoic acid ethyl ester (ETHYL p-HYDROXYBENZOATE)	preservative
E215	p-hydroxybenzoic acid ethyl ester sodium salt (SODIUM ETHYL p-HYDROXYBENZOATE)	preservative
E218	p-hydroxybenzoic acid methyl ester (METHYL p-HYDROXYBENZOATE)	preservative
E219	p-hydroxybenzoic acid methyl ester sodium salt (SODIUM METHYL p-HYDROXYBENZOATE)	preservative
E220	Sulfur dioxide (SULPHUR DIOXIDE)	preservative, antioxidant
E221	Sodium sulfite (SODIUM SULPHITE)	preservative, antioxidant
E222	Sodium hydrosulfite (SODIUM HYDROGEN SULPHITE)	preservative, antioxidant
E223	Sodium metabisulphite (SODIUM METABISULPHITE)	preservative, antioxidant
E224	Potassium metabisulphite (POTASSIUM METABISULPHIT)	preservative, antioxidant
E225	Potassium sulfite (POTASSIUM SULPHITE)	preservative, antioxidant
E226	Calcium sulfite (CALCIUM SULPHITE)	preservative, antioxidant
E227	Calcium bisulfite (CALCIUM HYDROGEN SULPHITE)	preservative, antioxidant
E228	Bisulfite (sodium bisulfite), potassium (POTASSIUM HYDROGEN SULPHITE (BISULPHITE))	preservative, antioxidant
E230	Biphenyl (DIPHENYL)	preservative
E231	ortho-phenylphenol (ORTO-PHENYLPHENOL)	preservative
E232	ortho-phenylphenol, sodium salt (SODIUM O-PHENYLPHENOL)	preservative
E234	Nisin (NISIN)	preservative
E235	Pimaricin, Natamycin (PIMARICIN, NATAMYCIN)	preservative
E236	Formic acid (FORMIC ACID)	preservative

E242	Dimetildikarbonat (DIMETHYL DICARBONATE)	preservative
E249	Potassium nitrite (POTASSIUM NITRITE)	Preservative, coloring retainer
E250	Sodium nitrite (SODIUM NITRITE)	Preservative, coloring retainer
E251	Sodium nitrate (SODIUM NITRATE)	Preservative, coloring retainer
E252	Nitrat potassium (POTASSIUM NITRATE)	Preservative, coloring retainer
E260	Acetic acid glacial (ACETIC ACID GLACIAL)	preservative, acidity regulator
E261	Potassium acetate (POTASSIUM ACETATES): (i) Potassium Acetate (Potassium acetate), (II) diacetate, potassium (Potassium diacetate).	preservative, acidity regulator
E262	Sodium acetate (SODIUM ACETATES): (i) Sodium acetate (Sodium acetate), (II), sodium diacetate (Sodium diacetate).	preservative, acidity regulator
E263	Calcium acetate (CALCIUM ACETATES)	preservative, stabilizer, pH regulator, a carrier
E264	Ammonium acetate (AMMONIUM ACETATE)	acidity regulator
E265	Dehydroacetic acid (DEHYDROACETIC ACID)	preservative
E266	Degidratsetat sodium (SODIUM DEHYDROACETATE)	preservative
E270	Lactic acid, L-, D- and DL- (LACTIC ACID, L-, D- and DL-)	acidity regulator
E280	Propionic acid (PROPIONIC ACID)	preservative
E281	Propionate (SODIUM PROPIONATE)	preservative
E282	Calcium propionate (CALCIUM PROPIONATE)	preservative
E283	Potassium propionate (POTASSIUM PROPIONATE)	preservative
E290	Carbon dioxide (CARBON DIOXIDE)	acidity regulator, propellant gas packaging

E296	Malic acid (MALIC ACID, DL-)	acidity regulator
E297	Fumaric acid (FUMARIC ACID)	acidity regulator
E300	Ascorbic acid, L- (ASCORBIC ASID, L-)	antioxidant
E301	Sodium ascorbate (SODIUM ASCORBATE)	antioxidant
E302	Calcium ascorbate (CALCIUM ASCORBATE)	antioxidant
E303	Potassium ascorbate (POTASSIUM ASCORBATE)	antioxidant
E304	(I) Ascorbyl palmitate (ascorbyl Palmitate) (II) ascorbyl (ASCORBYL STEARATE)	antioxidant
E306	Tocopherols concentrate mixture (MIXED TOCOPHEROLS CONCENTRATE)	antioxidant
E307	alpha-Tocopherol (ALPHA-TOCOPHEROL)	antioxidant
E308	gamma-tocopherol synthetic (SYNTETHIC GAMMA-TOCOPHEROL)	antioxidant
E309	synthetic delta-tocopherol (SYNTETHIC DELTA-TOCOPHEROL)	antioxidant
E310	Propyl gallate (PROPYL GALLATE)	antioxidant
E311	Octyl gallate (OCTYL GALLATE)	antioxidant
E312	Dodetsilgallat (DODECYL GALLATE)	antioxidant
E314	Guaiac (GUAIAC RESIN)	antioxidant
E315	Isoascorbic (erythorbic acid) (ISOASCORBIC ACID, ERYTHORBIC ACID)	antioxidant
E316	Izoaskorbat sodium (SODIUM ISOASCORBATE)	antioxidant
E319	tert-butyl hydroquinone (TERTIARY BUTYLHYDROQUINONE)	antioxidant
E320	Butylhydroxyanisol (BUTYLATED HYDROXYANISOLE)	antioxidant
E321	BHT, "Ionol" (BUTYLATED HYDROXYTOLUENE)	antioxidant
E322	Lecithins, phosphatides (LECITHINS)	antioxidant, emulsifier
E325	Sodium lactate (SODIUM LACTATE)	agent moisture -retaining filler

E326	Potassium lactate (POTASSIUM LACTATE)	acidity regulator
E327	Calcium lactate (CALCIUM LACTATE)	acidity regulator, a substance for treatment of flour
E328	Ammonium lactate (AMMONIUM LACTATE)	acidity regulator, a substance for treatment of flour
E329	Magnesium lactate, DL- (MAGNESIUM LACTATE, DL-)	acidity regulator, a substance for treatment of flour
E330	Citric acid (CITRIC ACID)	acidity regulator, antioxidant
E331	Sodium citrate (SODIUM CITRATES): (i) Sodium citrate 1-substituted (dihydrogen Sodium Citrate), (II) citrate, sodium 2-substituted (Disodium monohydrogen Citrate), (iii) sodium citrate-substituted 3 (Trisodium citrate).	pH regulator, emulsifier, stabilizer, carrier
E332	Potassium citrate (POTASSIUM CITRATES): (i) potassium citrate 1-substituted (Potassium dihydrogen Citrate), (II) citrate, potassium 3-substituted (Tripotassium citrate).	pH regulator, a stabilizer, a carrier
E333	Calcium citrate (CALCIUM CITRATES)	acidity regulator, stabilizer
E334	Tartaric acid, L (+) - (TARTARIC ACID, L (+) -)	acidity regulator, antioxidant
E335	Sodium tartrate (SODIUM TARTRATES): (i) Sodium tartrate 1-substituted (Monosodium tartrate), (II) sodium tartrate 2-substituted (Disodium tartrate).	stabilizer
E336	Potassium tartrate (POTASSIUM TARTRATES): (i) potassium tartrate 1-substituted (Monopotassium tartrate), (II) tartrate, potassium 2-substituted (Dipotassium tartrate).	stabilizer
E337	Potassium sodium tartrate (POTASSIUM SODIUM TARTRATE)	stabilizer
E338	ortho-phosphoric acid (ORTHOPHOSPHORIC ACID)	acidity regulator, antioxidant
E339	Sodium Phosphate (SODIUM phosphates): (i) ortho-phosphate sodium 1-substituted (Monosodium orthophosphate), (II) ortho-phosphate, sodium 2-substituted (Disodium orthophosphate), (iii)	acidity regulator, emulsifiers, moisture

	ortho-phosphate, sodium 3-substituted (Trisodium orthophosphate).	retention, stabilizer, emulsifier salt
E340	Potassium phosphate (POTASSIUM phosphates): (i) ortho-phosphate, potassium 1-substituted (Monopotassium orthophosphate), (II) phosphate, potassium-ortho-substituted 2 (Dipotassium orthophosphate), (iii) potassium ortho-phosphate 3-substituted (Tripotassium orthophosphate).	acidity regulator, emulsifiers, moisture retention, stabilizer, emulsifier salt
E341	Calcium phosphates (CALCIUM phosphates): (i) ortho-phosphate, calcium-substituted 1 (Monocalcium orthophosphate), (II) ortho-phosphate, calcium-substituted 2 (Dicalcium orthophosphate), (iii) ortho-phosphate, calcium 3-substituted (Tricalcium orthophosphate).	acidity regulator, agent for the treatment of flour, stabilizer, baking powder, agent anti-caking agent moisture retention, emulsifying salt medium
E342	Ammonium phosphates (ammonium phosphates): (i) ortho-phosphate, ammonium dihydrogen (Monoammonium orthophosphate), (II) ortho-phosphate dibasic ammonium (Diammonium orthophosphate).	acidity regulator, a substance for treatment of flour
E343	Magnesium phosphates (MAGNESIUM phosphates): (i) ortho-phosphate magnesium of 1-substituted (Monomagnesium orthophosphate), (II), magnesium ortho-phosphate 2-substituted (Dimagnesium orthophosphate), (iii) ortho-phosphate magnesium of 3-substituted (Trimagnesium orthophosphate).	acidity regulator, agent anti-caking
E350	Sodium malate (SODIUM MALATES): (i) Sodium malate 1-substituted (Sodium hydrogen malate), (II) sodium malate (Sodium malate).	acidity regulator, agent moisture retention, emulsifier, stabilizer, emulsifier salt
E351	Potassium malate (POTASSIUM MALATES): (i) Potassium Malate 1-substituted (Potassium hydrogen malate), (II), potassium malate (Potassium malate).	acidity regulator, agent moisture retention, emulsifier, stabilizer, emulsifier salt
E352	Calcium malate (CALCIUM MALATES): (i) Calcium malate-substituted 1 (Calcium hydrogen malate), (II), calcium malate (Calcium malate).	acidity regulator, agent moisture retention, emulsifier, stabilizer, emulsifier salt

E353	meta-tartaric acid (METATARTARIC ACID)	acidity regulator
E354	Calcium tartrate (CALCIUM TARTRATE)	acidity regulator
E355	Adipic acid (ADIPIC ACID)	acidity regulator
E356	Sodium adipate (SODIUM ADIPATES)	acidity regulator
E357	Potassium adipate (POTASSIUM ADIPATES)	acidity regulator
E359	Ammonium adipate (AMMONIUM ADIPATES)	acidity regulator
E363	Succinic acid (SUCCINIC ACID)	acidity regulator
E365	Sodium fumarate (SODIUM FUMARATES)	acidity regulator
E380	Ammonium citrate (AMMONIUM CITRATES)	acidity regulator
E381	Ammonium citrate, iron (FERRIC AMMONIUM CITRATE)	acidity regulator
E384	Izopropiltsitratnaya mixture (ISOPROPYL CITRATES)	antioxidant, preservative
E385	Calcium-sodium ethylenediaminetetraacetate (CALCIUM DISODIUM EDTA)	antioxidant, preservative
E386	Disodium ethylenediaminetetraacetate (DISODIUM ETHYLENE-DIAMINE-TETRA-ACETATE)	antioxidant, preservative
E387	Oksistearin (OXYSTEARIN)	antioxidant
E392	Extracts of rosemary (EXTRACTS OF ROSEMARY)	antioxidant
E400	Alginic acid (ALGINIC ACID)	a thickener, a stabilizer, a carrier
E401	Sodium alginate (SODIUM ALGINATE)	a thickener, a stabilizer, a carrier
E402	Potassium alginate (POTASSIUM ALGINATE)	thickener, stabilizer
E403	Ammonium alginate (AMMONIUM ALGINATE)	a thickener, a stabilizer, a carrier
E404	Calcium alginate (CALCIUM ALGINATE)	thickener, stabilizer, defoaming agent carrier
E405	Propylene glycol (PROPYLENE GLYCOL ALGINATE)	thickener, emulsifier, carrier
E406	Agar (AGAR)	thickener, gelling agent, stabilizer,

		carrier
E407	Carrageenan and its sodium, potassium, ammonium salts, including furcelleran (carrageenan AND ITS Na, K, SALTS (INCLUDES FURCELLARAN)	thickener, gelling agent, stabilizer, carrier
E407a	Carrageenan seaweed EUCHEMA (CARRAGEENAN PES-PROCESSED EUCHEMA SEAWEED)	thickener, gelling agent, stabilizer, carrier
E409	Arabinogalactan (ARABINOGALACTAN)	thickener, gelling agent, stabilizer
E410	Locust bean gum (CAROB BEAN GUM)	a thickener, a stabilizer, a carrier
E412	Guar gum (GUAR GUM)	a thickener, a stabilizer, a carrier
E413	Tragacanth gum (TRAGACANTH GUM)	thickener, stabilizer, emulsifier, carrier
E414	Gum arabic (GUM ARABIC (ACACIA GUM))	a thickener, a stabilizer, a carrier
E415	Xanthan gum (XANTAN GUM)	a thickener, a stabilizer, a carrier
E416	Karaya gum (KARAYA GUM)	thickener, stabilizer
E417	Tara gum (TARA GUM)	thickener, stabilizer
E418	Gellan gum (GELLAN GUM)	thickener, stabilizer, gelling agent
E420	Sorbitol (sorbitol) (i) sorbitol (sorbitol) (II) Corbitovy syrup (SORBITOL SYRUP)	sweetener agent moisture retention, emulsifier, carrier
E421	Mannitol (MANNITOL)	sweetener agent anti- caking, the carrier
E422	Glycerol (GLYCEROL)	agent moisture retention, thickener, carrier
E425	Konjac (Konzhakovaya flour) (konjac (konjac FLOUR)): (i) Konzhakovaya gum (konjac GUM), (II) Konzhakovy glucomannan (KONJAC GLUCOMANNANE).	thickener

E426	Soybean hemicellulose (SOYBEAN HEMICELLULOSE)	thickener, stabilizer
E427	Cassia gum (CASSIA GUM)	thickener, stabilizer
E430	Polyoxyethylene (8) stearate (POLYOXYETHYLENE (8) STEARATE)	emulsifier
E431	Polyoxyethylene (40) stearate (POLYOXYETHYLENE (40) STEARATE)	emulsifier
E432	Polyoxyethylene (20) sorbitan monolaurate, Tween 20 (POLYOXYETHYLENE (20) SORBITAN MONOLAURATE)	emulsifier carrier
E433	Polyoxyethylene (20) sorbitan monooleate, Tween 80 (POLYOXYETHYLENE (20) SORBITAN MONOOLEATE)	emulsifier carrier
E434	Polyoxyethylene (20) sorbitan mono-palmitate, Tween 40 (POLYOXYETHYLENE (20) SORBITAN MONOPALMITATE)	emulsifier carrier
E435	Polyoxyethylene (20) sorbitan monostearate, Tween 60 (POLYOXYETHYLENE (20) SORBITAN MONOSTEARATE)	emulsifier carrier
E436	Polyoxyethylene (20) sorbitan tri-stearate (POLYOXYETHYLENE (20) SORBITAN TRISTEARATE)	emulsifier carrier
E440	Pectins (PECTINS)	thickener, stabilizer, gelling agent, carrier
E442	Phosphatidic acid ammonium salts (ammonium phosphatides) (AMMONIUN SALTS OF PHOSPHATIDIC ACID)	emulsifier carrier
E444	Sucrose acetate isobutyrate (SUCROSE ACETATE ISOBUTIRAT)	emulsifier, stabilizer
E445	Glycerol esters of resin acids (GLYCEROL ESTERS OF WOOD RESIN)	emulsifier, stabilizer
E450	Pyrophosphates (DIPHOSPHATES): (i) Disodium pyrophosphate (Disodium diphosphate), (II) sodium Monogidropirofosfat (Trisodium diphosphate), (iii) sodium pyrophosphate (tetrasodium diphosphate); (iv) potassium Digidropirofosfat (Dipotassium diphosphate), (v) Potassium Pyrophosphate (Tetrapotassium diphosphate), (vi) calcium pyrophosphate (Dicalcium diphosphate),(vii) Digidropirofosfat Calcium (Calcium	emulsifier, stabilizer, acidity regulator, raising agent, the agent moisture retention

	dihydrogen diphosphate).	
E451	Triphosphates (TRIPHOSPHATES): (i) Sodium triphosphate (5-substituted) (Pentasodium triphosphate), (II), potassium triphosphate (5-substituted) (Pentapotassium triphosphate).	acidity regulator
E452	Polyphosphates (POLYPHOSPHATES): (i) polyphosphate Sodium (Sodium polyphosphate), (II), potassium polyphosphate (Potassium polyphosphate), (iii) calcium-sodium polyphosphate (Sodiumcalcium polyphosphate), (iv) calcium polyphosphates (Calcium polyphosphates), (v) ammonium polyphosphates (Ammonium polyphosphates).	an emulsifier, a stabilizer, a moisture agent retaining
E459	beta-cyclodextrin (BETA-CYCLODEXTRIN)	stabilizer, carrier

E460	Cellulose (Cellulose): (i) microcrystalline cellulose (Microcrystalline Cellulose), (II) Cellulose powder (Powdered cellulose).	emulsifiers, anti- caking, the carrier
E461	Methylcellulose (METHYL CELLULOSE)	thickener, emulsifier, stabilizer, carrier
E462	Ethyl cellulose (ETHYL CELLULOSE)	excipient, carrier
E463	Hydroxypropyl cellulose (HYDROXYPROPYL CELLULOSE)	thickener, emulsifier, stabilizer
E464	Hydroxypropyl methylcellulose (HYDROXYPROPYL METHYL CELLULOSE)	thickener, emulsifier, stabilizer, carrier
E465	Methylethyl (METHYL ETHYL CELLULOSE)	thickener, emulsifier, stabilizer, foam or the con- carrier
E466	Carboxymethylcellulose (CARBOXYMETYL CELLULOSE) carboxymethylcellulose sodium salt (SODIUM CARBOXYMETYL CELLULOSE) cellulose gum (CELLULOSE GUM)	a thickener, a stabilizer, a carrier
E467	Ethylhydroxyethylcellulose (ETHYL HYDROXYETHYL CELLULOSE)	emulsifier, thickener, stabilizer

E468	Kroskaramelloza (carboxymethylcellulose sodium salt krossvyazannaya) - CROSCARAMELLOSE (CROSS-LINKED SODIUM CARBOXYMETYL CELLULOSE)	stabilizer, carrier
E469	Enzymatically hydrolyzed carboxymethylcellulose (ENZYMATICALLY HYDROLYSED CARBOXYMETYL CELLULOSE) cellulose gum enzymatically hydrolyzed (ENZYMATICALLY HYDROLYSED CELLULOSE GUM)	a thickener, a stabilizer, a carrier
E470	Fatty acids (myristic, oleic, palmitic, stearic, and mixtures thereof), aluminum salts, ammonium, potassium, calcium, magnesium, sodium (SALTS OF MYRISTIC, palmitic stearic AND FATTY ACIDS (Base with AI, Ca, Na, Mg, and K)	emulsifier, stabilizer, agent anti -caking, the carrier
E471	Mono- and diglycerides of fatty acids (MONO- AND DIGLYCERIDES OF FATTY ACIDS)	emulsifier, stabilizer, carrier
E472a	Esters of glycerol and acetic acid and fatty acids (ESTERS ACETIC AND FATTY ACID OF GLYCEROL)	emulsifier, stabilizer, carrier
E472b	Esters of glycerol and fatty acids and breast (ESTERS LACTIC AND FATTY ACID OF GLYCEROL)	emulsifier, stabilizer,
E472s	Esters of citric acid and glycerol and fatty acids (CITRIC AND FATTY ACID ESTERS OF GLYCEROL)	emulsifier, stabilizer, carrier
E472d	Esters of mono- and diglycerides of fatty acids, and tartaric acid (TARTARIC ACID ESTERS OF MONO- AND DIGLYCERIDES OF FATTY ACIDS)	emulsifier, stabilizer
E472e	And diacetyl tartaric esters of glycerol and fatty acids (DIACETYLTARTARIC AND FATTY ACID ESTERS OF GLYCEROL)	emulsifier, stabilizer, carrier
E472f	Mixed esters of glycerol and tartaric, acetic and fatty acids (MIXED TARTARIC, ACETIC AND FATTY ACID ESTERS OF GLYCEROL)	emulsifier, stabilizer
E473	Sucrose esters of fatty acids (SUCROSE ESTERS OF FATTY ACIDS)	emulsifier carrier
E474	Saharoglitseridy (SUCROGLYCERIDES)	emulsifier
E475	Polyglycerol esters of fatty acids (POLYGLYCEROL ESTERS OF FATTY ACIDS)	emulsifier carrier
E476	Polyglycerol esters and acids vzaimoeterifitsirovannyh ritsinolovyh (POLYGLYCEROL ESTERS OF INTERESTERIFIED RICINOLEIC ACID)	emulsifier

E477	Propylene glycol esters of fatty acids (PROPYLENE GLYCOL ESTERS OF FATTY ACIDS)	emulsifier
E479	Thermally oxidized soya bean oil with mono- and diglycerides of fatty acids (THERMALLY OXIDIZED SOYABEAN OIL WITH MONO- AND DIGLYCERIDES OF FATTY ACIDS)	emulsifier
E480	Dioctyl sodium (DIOCTYL SODIUM SULPHOSUCCINATE)	emulsifier agent moisture retention
E481	Stearoyl-2-lactylate, sodium (SODIUM STEAROYL - 2-LACTYLATE)	emulsifier, stabilizer
E482	Stearoyl-2-lactylate, calcium (CALCIUM STEAROYL - 2-LACTYLATE)	emulsifier, stabilizer
E483	Stearyltartrat (STEARYL TARTRATE)	agent for treating flour
E484	Stearyltsitrat (STEARYL CITRATE)	emulsifier
E491	Sorbitan monostearate, SPAN 60 (SORBITAN MONOSTEARATE)	emulsifier carrier
E492	Sorbitan tristearate (SORBITAN TRISTEARATE)	emulsifier carrier
E493	Sorbitan monolaurate, SPAN 20 (SORBITAN MONOLAURATE)	emulsifier carrier
E494	Sorbitan monooleate, SPAN 80 (SORBITAN MONOOLEATE)	emulsifier carrier
E495	Sorbitan monopalmitate, SPAN 40 (SORBITAN MONOPALMITATE)	emulsifier carrier
E500	Sodium carbonate (SODIUM CARBONATES): (i) sodium carbonate (Sodium carbonate), (II) Sodium bicarbonate (Sodium hydrogen carbonate), (iii) mixture of sodium carbonate and sodium (Sodium sesquicarbonate)	acidity regulator, raising agent, agent anti-caking
E501	Potassium carbonate (POTASSIUM CARBONATES): (i) Potassium carbonate (Potassium carbonate), (II), potassium hydrogencarbonate (Potassium hydrogen carbonate).	pH regulator, a stabilizer, a carrier
E503	Ammonium carbonate (ammonium CARBONATES): (i) Ammonium carbonate (Ammonium carbonate), (II) Ammonium bicarbonate (Ammonium hydrogen carbonate).	acidity regulator, raising agent
E504	Magnesium carbonate (MAGNESIUM CARBONATES): (i) magnesium carbonate (Magnesium carbonate), (II) Magnesium bicarbonate (Magnesium hydrogen carbonate).	acidity regulator, agent anti- caking, color lock, medium

E507	Hydrochloric acid (HYDROCHLORIC ACID)	acidity regulator
E508	Potassium chloride (POTASSIUM CHLORIDE)	gelling agent, carrier
E509	Calcium chloride (CALCIUM CHLORIDE)	seal carrier
E510	Ammonium chloride (AMMONIUM CHLORIDE)	agent for treating flour
E511	Magnesium chloride (MAGNESIUM CHLORIDE)	seal carrier
E513	Sulfuric acid (SULPHURIC ACID)	acidity regulator
E514	Sodium sulfate (SODIUM SULPHATES)	acidity regulator, the carrier
E515	Potassium sulfate (POTASSIUM SULPHATES)	acidity regulator, the carrier
E516	Calcium sulfate (CALCIUM SULPHATE)	flour treatment agents, seal carrier
E517	Ammonium sulfate (AMMONIUM SULPHATE)	flour treatment agents, stabilizers, carriers
E518	Magnesium sulfate (MAGNESIUM SULPHATE)	compactor
E520	Aluminum sulfate (ALUMINIUM SULPHATE)	compactor
E521	Sodium aluminum sulfate, alum, aluminum-sodium (ALUMINIUM SODIUM SULPHATE)	compactor
E522	Potassium alum, alum, aluminum-potassium (ALUMINIUM POTASSIUM SULPHATE)	acidity regulator, stabilizer
E523	Ammonium aluminum sulfate, alum alyumoammiachnye (ALUMINIUM AMMONIUM SULPHATE)	stabilizer seal
E524	Sodium hydroxide (SODIUM HYDROXIDE)	acidity regulator
E525	Potassium hydroxide (POTASSIUM HYDROXIDE)	acidity regulator
E526	Calcium hydroxide (CALCIUM HYDROXIDE)	acidity regulator, seal
E527	Ammonium hydroxide (AMMONIUM HYDROXIDE)	acidity regulator
E528	Magnesium hydroxide (MAGNESIUM HYDROXIDE)	acidity regulator, lock color
E529	Calcium oxide (CALCIUM OXIDE)	acidity regulator, a substance for treatment of flour

E530	Magnesium oxide (MAGNESIUM OXIDE)	agent anti- caking
E535	Sodium ferrocyanide (SODIUM FERROCYANIDE)	agent anti- caking
E536	Potassium ferrocyanide (POTASSIUM FERROCYANIDE)	agent anti- caking
E538	Calcium ferrocyanide (CALCIUM FERROCYANIDE)	agent anti- caking
E541	Sodium aluminophosphate sour (SODIUM ALUMINIUM PHOSPHATE ACIDIC)	acidity regulator, emulsifier
E542	Bone phosphate (calcium phosphate) (BONE PHOSPHATE (essentiale Calcium phosphate, tribasic)	emulsifiers, anti- caking agent moisture retention
E551	Amorphous silicon dioxide (SILICON DIOXIDE AMORPHOUS)	agent anti- caking, the carrier
E552	Calcium silicate (CALCIUM SILICATE)	agent anti- caking, the carrier
E553	Magnesium silicates (MAGNESIUM Silicates): (i) magnesium silicate (Magnesium Silicate), (II), magnesium trisilicate (Magnesium Trisilicate), (iii) Talc (Talc)	agent anti-caking
E554	Sodium aluminosilicate (SODIUM ALUMINOSILICATE)	agent anti- caking
E555	Potassium aluminum silicate (POTASSIUM ALUMINIUM SILICATE)	agent anti- caking
E556	Calcium aluminosilicate (CALCIUM ALUMINIUM SILICATE)	agent anti- caking
E558	Bentonite (BENTONITE)	agent anti- caking, the carrier
E559	Aluminum silicate (kaolin) - ALUMINIUM SILICATE (KAOLIN)	agent anti- caking, the carrier
E570	Fatty acids (FATTY ACIDS)	stabilizer, glazing agent, defoamer, the carrier
E574	Gluconic acid (D-) (GLUCONIC ACID (D-)	acidity regulator, antioxidant, baking powder
E575	Glucono-delta-lactone (GLUCONO DELTA-LACTONE)	acidity regulator, antioxidant, baking powder
E576	Sodium gluconate (SODIUM GLUCONATE)	acidity regulator, antioxidant

E577	Potassium gluconate (POTASSIUM GLUCONATE)	pH regulator, antioxidant carrier
E578	Calcium gluconate (CALCIUM GLUCONATE)	acidity regulator, seal
E579	Ferrous gluconate (FERROUS GLUCONATE)	lock color
E580	Magnesium gluconate (MAGNESIUM GLUCONATE)	acidity regulator, antioxidant seal
E585	Iron lactate (FERROUS LACTATE)	lock color
E586	4-Hexylresorcinol (4-HEXYLRESORCINOL)	antioxidant
E620	Glutamic acid, L (+) - (GLUTAMIC ACID, L (+) -)	flavor enhancer
E621	Monosodium glutamate 1-substituted (MONOSODIUM GLUTAMATE)	flavor enhancer
E622	Potassium glutamate 1-substituted (MONOPOTASSIUM GLUTAMATE)	flavor enhancer
E623	Calcium glutamate (CALCIUM GLUTAMATE)	flavor enhancer
E624	Ammonium glutamate 1-substituted (MONOAMMONIUM GLUTAMATE)	flavor enhancer
E625	Magnesium glutamate (MAGNESIUM GLUTAMATE)	flavor enhancer
E626	Guanylic acid (GUANYLIC ACID)	flavor enhancer
E627	5'-guanylate, sodium 2-substituted (DISODIUM 5'-GUANYLATE)	flavor enhancer
E628	5'-guanylate, potassium 2-substituted (DIPOTASSIUM 5'-GUANYLATE)	flavor enhancer
E629	Calcium 5'-guanylate (CALCIUM 5'-GUANYLATE)	flavor enhancer
E630	Inosinic acid (INOSINIC ACID)	flavor enhancer
E631	5'-inosinate, sodium 2-substituted (DISODIUM 5'-INOSINATE)	flavor enhancer
E632	5'-inosinate, potassium 2-substituted (DIPOTASSIUM 5'-INOSINATE)	flavor enhancer
E633	Calcium 5'-inosinate (CALCIUM 5'-INOSINATE)	flavor enhancer
E634	5'-ribonucleotide calcium (CALCIUM 5'-RIBONUCLEOTIDES)	flavor enhancer
E635	5'-ribonucleotide sodium 2-substituted (DISODIUM 5'-RIBONUCLEOTIDES)	flavor enhancer
E636	Maltol (MALTOL)	flavor enhancer

E637	Etilmaltol (ETHYL MALTOL)	flavor enhancer
E640	Glycine and its sodium salt (GLYCINE AND ITS SODIUM SALT)	flavor enhancer, carrier
E650	Zinc acetate (ZINC ACETATE)	flavor enhancer
E900	Polydimethylsiloxane (POLYDIMETHYLSILOXANE)	anti-foaming agent, emulsifier agent anti-caking
E901	Beeswax, white and yellow (BEESWAX, WHITE AND YELLOW)	glazing agent, carrier
E902	Wax kandellilsky (CANDELILLA WAX)	Glazing
E903	Carnauba wax (CARNAUBA WAX)	Glazing
E904	Shellac (SHELLAC)	Glazing
E905c (i)	Microcrystalline wax (MICROCRYSTALLINE WAX)	Glazing
E905d	Mineral oil (high viscosity) - MINERAL OIL (HIGH VISCOSITY)	Glazing
E905e	Mineral oil (medium and low viscosity, class I) - MINERAL OIL (MEDIUM AND LOW VISCOSITY, CLASS I)	Glazing
E907	Poly-1-decene hydrogenated (HYDROGENATED POLY-1-DECENE)	Glazing
E912	Montanic esters (oktakozanovoy) acid (MONTANIC ACID ESTERS)	Glazing
E914	Oxidized polyethylene wax (OXIDIZED POLYETHYLENE WAX)	Glazing
E920	Cysteine, L-, and its hydrochloride, sodium and potassium salts (CYSTEINE, L-, AND ITS HYDROCHLORIDES- SODIUM AND POTASSIUM SALTS)	agent for treating flour
E927b	Carbamide (urea) - CARBAMIDE (UREA)	flour treatment agents, flavor enhancer
E928	Benzoyl peroxide (BENZOYL PEROXIDE)	flour treatment agents, preservative
E930	Calcium peroxide (CALCIUM PEROXIDE)	agent for treating flour

E938	Argon (ARGON)	propellant gas packaging
E939	Helium (GELLIUM)	propellant gas packaging
E941	Nitrogen (NITROGEN)	propellant gas packaging
E942	Nitrous oxide (NITROUS OXIDE)	propellant gas packaging
E943a	Bhutan (BUTANE)	propellant gas packaging
E943b	Isobutane (ISOBUTANE)	propellant gas packaging
E944	Propane (PROPANE)	propellant gas packaging
E948	Oxygen (OXYGEN)	propellant gas packaging
E949	Hydrogen (HYDROGEN)	propellant gas packaging
E950	Acesulfame potassium (ACESULFAME POTASSIUM)	sweetener, flavor enhancer
E951	Aspartame (ASPARTAME)	sweetener, flavor enhancer
E952	Cyclamic acid and its sodium and calcium salts (CYCLAMIC ACID and Na, Ca salts)	sweetener
E953	Isomalt, isomalt (ISOMALT, ISOMALTITOL)	sweetening agent anti -caking filler, carrier Glazing
E954	Saccharin (as sodium, potassium, calcium salts) (SACCHARIN and Na, K, Ca salts)	sweetener
E955	Sucralose (trihlorgalaktosaharoza) (SUCRALOSE (TRICHLOROGALACTO-SUCROSE))	sweetener
E957	Thaumatin (THAUMATIN)	sweetener, flavor enhancer
E959	Neohesperidin dihydrochalcone (NEOHESPERIDINE DIHYDROCHALCONE)	sweetener, flavor enhancer
E960	Steviol glycosides (STEVIOL GLYCOSIDES)	sweetener
E961	Neotame (NEOTAME)	sweetener, flavor enhancer
E962	Aspartame-acesulfame salt (SALT OF ASPARTAME-ACESULFAME)	sweetener
E965	Maltitol and maltitol syrup (MALTITOL AND MALTITOL SYRUP)	sweetener, stabilizer, emulsifier, carrier

E966	Lactitol (LACTITOL)	sweetener carrier
E967	Xylitol (XYLITOL)	sweetener agent moisture retention, stabilizer, emulsifier
E968	Erythritol (ERYTHRITOL)	sweetener agent moisture retention, stabilizer
E999	Quillaia extract (QUILLAIA EXTRACTS)	foam education
E1200	Polydextrose (POLYDEXTROSES)	stabilizer, thickener agent moisture retention, the carrier
E1201	Polyvinylpyrrolidone (POLYVINYLPYRROLIDONE)	a thickener, a stabilizer, a carrier
E1202	Polyvinylpolypyrrolidone (POLYVINYLPOLYPYRROLIDONE)	coloring retainer, stabilizer, carrier
E1203	Polyvinyl alcohol (POLYVINYL ALCOHOL)	agent moisture retention, Glazing
E1204	Pullulan (PULLULAN)	glazing agent, thickener
E1400	Dextrin, starch, thermally processed, white and yellow (DEXTRINS, ROASTED STARCH WHITE AND YELLOW)	stabilizer, thickener
E1401	Starch treated with acid (ACID TREATED STARCH)	stabilizer, thickener
E1402	Starch treated with alkali (ALKALINE TREATED STARCH)	stabilizer, thickener
E1403	Bleached starch (BLEACHED STARCH)	stabilizer, thickener
E1404	Oxidized starch (OXIDIZED STARCH)	emulsifier, thickener, carrier
E1405	Starch treated with enzymes (STARCHES ENZIME-TREATED)	thickener
E1410	Monokrahmalfosfat (MONOSTARCH PHOSPHATE)	stabilizer, thickener, carrier
E1412	Dikrahmalfosfat (DISTARCH PHOSPHATE)	stabilizer, thickener, carrier
E1413	Phosphated dikrahmalfosfat (PHOSPHATED DISTARCH PHOSPHATE)	stabilizer, thickener, carrier

E1414	Dikrahmalfosfat acetylated (ACETYLATED DISTARCH PHOSPHATE)	emulsifier, thickener, carrier
E1420	Acetylated starch (ACETYLATED STARCH)	stabilizer, thickener
E1422	Acetylated distarch adipate (ACETYLATED DISTARCH ADIPATE)	stabilizer, thickener, carrier
E1440	Hydroxypropyl starch (HYDROXYPROPYL STARCH)	emulsifier, thickener, carrier
E1442	Hydroxypropyl distarch phosphate (HYDROXYPROPYL DISTARCH PHOSPHATE)	stabilizer, thickener, carrier
E1450	Ester sodium salt, and starch octenyl succinic acid (STARCH SODIUM OCTENYL SUCCINATE)	stabilizer, thickener, emulsifier, carrier
E1451	Acetylated oxidized starch (ACETILATED OXYDISED STARCH)	emulsifier, thickener
E1452	Starch and aluminum salts octenyl acid ester (STARCH ALUMINIUM OCTENYL SUCCINATE)	stabilizer, glazing agent
E1503	Castor oil (CASTOR OIL)	Glazing agent anti-caking filler
E1505	Triethyl citrate (TRIETHYL CITRATE)	foam educa-, media
E1517	Diacetin (glitserildiatsetat) - DIACETIN (GLYCERYL DIACETAT)	agent moisture retention, the carrier
E1518	Triacetin (TRIACETIN)	agent moisture retention, the carrier
E1519	Benzyl alcohol (BENZYL ALCOHOL)	carrier
E1520	Propylene glycol (PROPYLENE GLYCOL)	agent moisture retention, the carrier
E1521	Polyethylene glycol (POLYETHYLENE GLYCOL)	glazing agent, a stabilizer, a carrier
-	Dihydroquercetin	antioxidant
-	Quercetin	antioxidant
-	Red rice (RED RICE)	dye

-	Licorice root (Glycyrrhiza sp.) Extract	stabilizer, foam education
-	Soap root (Acantophyllum sp.) Extract	stabilizer, foam education
-	Stevia (Stevia rebaudiana Bertoni), leaf powder and syrup are extracts of Stevia	sweetener
-	Succinates, sodium, potassium, calcium	acidity regulators
-	Chitosan hydrochloride hitozoniya	filler, thickener, stabilizer

Appendix 3. Hygienic standards applying the flowing agents (antikomkovateley)

Annex 3 to the technical regulations "Safety requirements of food additives, flavorings and processing aids " (TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Amorphous silicon dioxide (E551)	Spices	30 g / kg
aluminum silicate (E559, kaolin)	Products, tightly wrapped with foil	30 g / kg
potassium aluminum silicate (E555), calcium aluminum silicate (E556), sodium aluminum silicate (E554)	Dry powder products, including sugar	10 g / kg 15 g / kg of icing sugar
bentonite (E558)	Products in tablet form	according to TD
calcium silicate (E552)	Biologically active food supplements	according to TD
magnesium silicates (E553i, E553ii, E553iii) - individually or in combination	Cheeses and their substitutes (solid, semi-solid, melting) sliced and grated	10 g / kg

	Sugar confectionery, except chocolate (surface treatment)	according to TD
	Figure (only 553iii)	according to TD
	Sausages (surface treatment only 553iii)	according to TD
	Salt and salt substitutes	10 g / kg
	Chewing gum (only E553iii)	according to TD
	Flavours (E551 only)	50 g / kg
	See. Appendix N 12	
Fatty acids (myristic, oleic, palmitic, stearic, and mixtures thereof), aluminum salts, ammonium, potassium, calcium, magnesium, sodium (E470)	According to the AP	according to TD
Isomalt, isomalt (E953)	According to the AP	according to TD
Calcium carbonate (E170)	According to the AP	according to TD
magnesium carbonate (E504)	See. Appendix N 7	
Castor oil (E1503)	Kokaoprodukty and chocolate products	350 mg / kg
	Sugar confectionery	500 mg / kg
	Bubble gum	2.1 g / kg
	Biologically active food supplements	1 g / kg
	See. Appendix N 6 and N 12	
Magnesium oxide (E530)	According to the AP	according to TD
Polydimethylsiloxane (E900)	Special purpose fats, vegetable oil intended for frying	10 mg / kg
	Fruits and vegetables, canned and pasteurized	10 mg / kg
	Jam, jam, jelly, marmalade and similar products Fruit-based spreadable,	10 mg / kg

	including low-calorie	
	Sugar confectionery, except chocolate	10 mg / kg
	Bubble gum	100 mg / kg
	Cereal products produced by extrusion technology	10 mg / kg
	Soups and broths and canned, concentrated	10 mg / kg
	Soft drinks flavors	10 mg / kg
	Wine, cider	10 mg / kg
	Batter, including breading, poultry and fish	10 mg / kg
	Flavours	10 mg / kg
	See. Appendix N 12 and N 15	
Potassium ferrocyanide (E536), calcium ferrocyanide (E538), sodium ferricyanide (E535) - individually or in combination	Salt, solezameniteli	20 mg / kg based on $K_4Fe(CN)_6$
Calcium phosphate 3-substituted (E341iii) magnesium phosphate, 3-substituted (E343iii)	According to the AP	according to TD
	See. Annex N 5 , N 7 , N 12 and N 15	
Ferric ammonium citrate (E381)	Concentrates (liquid and powder) for flavored soft drinks, water-based	10 mg / kg

Appendix 4. Hygienic standards applying antioxidants

Annex 4 to the technical regulation
"Safety of food additives, flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Ascorbic acid (E300) and its salts and esters: potassium ascorbate (E303), calcium ascorbate (E302), sodium ascorbate (E301), ascorbyl palmitate (E304i), ascorbyl stearate (E304ii)	According to the AP	according to TD
	See. Annex N 5 , N 17 and N 18	
tert-butyl hydroquinone (E319, TBHQ, TBHQ)	See. Butylhydroxyanisole (E320, BOA, BHA)	
Butylhydroxyanisole (E320, BOA, BHA), Butylhydroxytoluene (E321, "Ionol" BOT, BHT), tert-butyl hydroquinone (E319, TBHQ, TBHQ), gallic acid esters (gallates) propyl gallate (E310), Octyl	Rendered animal fats and vegetable oils for use in food products using high temperature; Fats special-purpose vegetable oils (except olive oil, obtained by compression), intended for roasting, lard, fat beef, mutton, poultry, pork, fat fish and marine mammals	RAB - 200 mg / kg, BHT - 100 mg / kg, TBHQ - 200 mg / kg, gallates - 200 mg / kg (on fat product)

gallate (E311) , dodetsilgallat (E312) - individually or in combination		
	Dried meat Mixture (concentrates) for dry muffins and cakes Dry breakfast cereal based Sauces based on vegetable oils, sauces, mayonnaise, cream on vegetable oils Cereal, pre-heat treated Nuts, technologically processed	RAB - 200 mg / kg TBHQ - 200 mg / kg gallate - 200 mg / kg (in fat product)
	Condiments and seasonings	RAB - 200 mg / kg, gallates - 200 mg / kg (on fat product)
	Potatoes dry	RAB - 25 mg / kg, TBHQ - 25 mg / kg of epigallocatechin - 25 mg / kg
	Bubble gum Biologically active food supplements	RAB - 400 mg / kg BOT - 400 mg / kg of TBHQ - 400 mg / kg gallate - 400 mg / kg
	Essential oils	RAB - 1 g / kg TBHQ - 1 g / kg of epigallocatechin - 1 g / kg
	Flavorings (other than essential oils)	RAB - 200 mg / kg TBHQ - 200 mg / kg of epigallocatechin - 100 mg / kg
BHT (E321, "Ionol" BOT, BHT)	See. Butylhydroxyanisole (E320, BOA, BHA)	
Gallic acid esters (gallates)	See. Butylhydroxyanisole (E320, BOA, BHA)	

propyl gallate (E310), Octyl gallate (E311), dodetsilgallat (E312)		
Guaiac (E314)	Fats and oils (vegetable and animal)	1 g / kg
	Bubble gum	1.5 g / kg
	Sauces based on vegetable oils, sauces, mayonnaise, cream on vegetable oils	600 mg / kg
4-Hexylresorcinol (E586)	Fresh and frozen crustaceans	2 mg / kg of residues in the meat of crustaceans
Gluconic acid (E574) and its salts gluconates: potassium (E577), calcium (E578), magnesium (E580), sodium (E576) Glyukonodelta lactone (E575)	according to TD	according to TD
	See. Annex N 5 , N 7 and N 12	
Isoascorbic (erythorbic) acid (E315), sodium izoaskorbat (E316) - alone or in combination, based on isoascorbic acid	Meat products from minced meat, meat, ham products, preserves, canned	500 mg / kg
	Fish and caviar preserves, canned, salted and dried fish, fish with red skin frozen	1.5 g / kg
	See. Appendix N 17	
Izopropiltsitratnaya mixture (E384)	Vegetable oils and fats for special purposes, milk fat replacers, mixtures rendered, cocoa butter equivalents, cocoa butter improvers SOS-type cacao butter substitutes	200 mg / kg

	POP-type cacao butter substitutes Non-temper, non-lauric-type cacao butter substitutes lauric Non-temper type, lard, tallow fat fish and marine mammals	
	Spreads creamy vegetable, vegetable-cream, vegetable-fat (from milk fat)	100 mg / kg
	Meat and poultry (slaughter and wild animals and birds): fresh meat, minced; meat products (piece, sliced, chopped) canned (including salted) and dried without heat treatment	200 mg / kg
	Flavored soft drinks, includingspecialized	200 mg / kg
Quercetin, dihydroquercetin - alone or in combination	Concentrated cream, milk powder, processed cheese, chocolate	200 mg / kg (on fat product)
Lecithin (E322)	According to the AP	according to TD
Citric acid (E330)	According to the AP	according to TD
	See. Appendix N 7	
Potassium lactate (E326), calcium lactate (E327), sodium lactate (E325)	According to the AP	according to TD
	See. Appendix N 5 and N 7	
Sulphurous acid (sulfur dioxide E220) and salt: bisulfite (sodium bisulfite) potassium E228, E227 calcium sulfite, sodium bisulfite E222, E224 potassium metabisulphite, sodium metabisulphite	See. Appendix N 8	

E223, E225 potassium sulfite, calcium sulfite E226, E221 sodium sulfite.		
Tocopherols: alpha-tocopherol (E307), synthetic gamma-tocopherol (E308), synthetic delta-tocopherol (E309), the concentrate mixed tocopherols (E306)	According to the AP	according to TD
Calcium-sodium ethylenediaminetetraacetate (E385, calcium sodium EDTA) disodium ethylenediaminetetraacetate (EDTA-disodium E386) - individually or in combination	Margarines and spreads with a fat content of less than 41% and	100 mg / kg
	Fish, crustaceans and shellfish, canned and pasteurized	75 mg / kg
	Frozen crustaceans	75 mg / kg
	Legumes, vegetables, mushrooms, artichokes, canned and pasteurized	250 mg / kg
	Flavored soft drinks, including specialized	200 mg / l
	Sauces based on vegetable oils, sauces, mayonnaise, cream on vegetable oils	75 mg / kg
Extracts of rosemary (E392), based on the sum of carnosol and carnosic acid	Vegetable oils (excluding olive oil), special purpose fats, milk fat replacers, mixtures rendered, cocoa butter equivalents, cocoa butter improvers SOS-type cacao butter substitutes POP-type cacao butter substitutes Non-temper, non-lauric-type Non-temper the cocoa butter	30 mg / kg (on fat product)

	substitutes of lauric-type with a content of polyunsaturated fatty acids of more than 15 vol.% of the total fatty acids for the production of food without heat treatment	
	Lard, tallow, fat fish and marine mammals Rendered animal fats and vegetable oils for use in the manufacture of heat-treated foods; Vegetable oils (except olive), intended for frying Cereals (snacks) based on cereals, potatoes or starch.	50 mg / kg (on fat product)
	Sauces based on vegetable oils, sauces, mayonnaise, cream on vegetable oils	100 mg / kg (on fat product)
	Viennoiserie	200 mg / kg (on fat product)
	Biologically active food supplements	400 mg / kg
	Potatoes dry Egg Products Chewing Gum	200 mg / kg
	Condiments and seasonings Nuts, technologically processed	200 mg / kg (on fat product)
	Soups and broths (concentrates)	50 mg / kg
	Dried meat	150 mg / kg
	Meat and fish products (except dried meat and dry (dried) sausages)	150 mg / kg (on fat product)
	Dried (sun-dried) sausages	100 mg / kg

	Flavours	1 g / kg
	Milk powder for the manufacture of milk-based ice cream	30 mg / kg

Note: - for antioxidants butylhydroxyanisole, butylhydroxytoluene, tert-butyl hydroquinone and gallates maximum levels specified in their individual use; the combined use of the maximum levels of certain antioxidants should be reduced in proportion, ie total weight (expressed in% of the maximum levels of certain antioxidants) should not exceed 100%.

Appendix 5. Hygienic standards for the use of substances processing flour

Annex 5
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Aluminophosphate sour sodium (E541)	See. Appendix N 7	
Ascorbic acid (E300) and its salts and	According to the AP	according to TD
Esters: potassium ascorbate (E303), calcium ascorbate (E302), sodium ascorbate (E301), ascorbyl palmitate (E304i), ascorbyl stearate (E304ii)	See. Annex N 4 , N 17 and N 18	

Glycerol (E422)	According to the AP	according to TD
	See. Appendix N 12	
Calcium gluconate (E578), glyukonodelta-lactone (E575)	According to the AP	according to TD
	See. Annex N 4 and N 7	
Lactic acid (E270) and its salts lactates: ammonium (E328), potassium (E326), calcium (E327), magnesium (E329), sodium (325)	According to the AP	according to TD
	See. Annex N 4 and N 7	
Calcium oxide (E529)	According to the AP	according to TD
	See. Appendix N 7	
Benzoyl peroxide (E928)	Flour	75 mg / kg
	Whey (dry and liquid) and products from it except whey cheeses	100 mg / kg (n)
Calcium peroxide (E930)	Flour	50 mg / kg
Polyoxyethylene (polyoxyethylene sorbitan esters of fatty acids, Tweens): polyoxyethylene (20) sorbitan monolaurate (E432, Tween 20), polyoxyethylene (20) sorbitan monooleate (E433, Tween 80), polyoxyethylene (20) monopalmitate (Tween 40 E434), polyoxyethylene (20)	See. Appendix N 15	

monostearate (E435, Tween 60), polyoxyethylene (20) sorbitan tristearate (E436, Tween 65)		
Propylene glycol alginate (E405)	See. Appendix N 15	
Saharoglitseridy (E474), and sucrose esters of fatty acids (E473) - individually or in combination	See. Appendix N 15	
Sorbitan esters of fatty acids and sorbitol, Span: sorbitan monostearate (E491, SPAN 60), sorbitan tristearate (E492, SPAN 65), sorbitan monolaurate (E493, SPAN 20), sorbitan monooleate (E494, SPAN 80), sorbitan monopalmitate (E495 , SPAN 40)	See. Appendix N 12 and N 15	
Ammonium sulphate (E517)	according to TD	according to TD
calcium sulfate (E516)	See. Appendix N 7 and N 12	
Potassium phosphate (E340), calcium phosphate (E341), magnesium phosphate (E343), sodium phosphate (E339), pyrophosphates (E450), triphosphates (E451), polyphosphates (E452)	See. Annex N 3 , N 7 , N 12 and N 15	

Ammonium chloride (E510)	According to the AP	according to TD
	See. Appendix 7	
Cysteine and its hydrochlorides are sodium salt and potassium (E920)	Bakery and pastry	according to TD

Appendix 6. Hygienic standards applying coating agents

Annex 6
to the technical regulation "Safety of food additives,
flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Beeswax white and yellow (E901), kandellilsky wax (E902), shellac (E904)	Fresh citrus, melons, pineapples, peaches, pears, apples (surface treatment)	according to TD
	Candy, jelly beans, chocolate, pastry, covered with chocolate glaze	according to TD
	Bubble gum	according to TD
	Cereals (snacks), nuts	according to TD
	Coffee beans	according to TD
	Biologically active food supplements	according to TD
	Waffles - waffle ice cream milk-based (only E901)	according to TD
	Flavours:	0.2 g / kg (in ready-to-use product)

	soft flavored drinks (only E901)	
Carnauba wax (E903)	Fresh citrus, melons, pineapples, peaches, pears, apples	200 mg / kg
	Candy, jelly beans, chocolate,	500 mg / kg
	Pastry, covered with chocolate glaze	200 mg / kg
	Bubble gum	1.2 g / kg
	Cereals (snacks), nuts	200 mg / kg
	Coffee beans	200 mg / kg
	Biologically active food supplements	200 mg / kg
Castor oil	See. Annex 3 N and 12 N	
Starch and aluminum salts octenyl acid ester (E1452)	See. Appendix N 15	
Microcrystalline wax (E905si)	Candy, jelly beans, nougat	according to TD
	Bubble gum	20 g / kg
	Melon, mango, papaya, avocado	according to TD
	Cork mature cheeses	30 g / kg
	Surface treatment of fresh fruits and vegetables, mushrooms, legumes, nuts and seeds	50 mg / kg
Mineral oil (high viscosity) E905d	Dried fruits	5 g / kg
	Cocoa products, chocolate products including imitations and chocolate substitutes	2 g / kg
	Candy, jelly beans, nougat	2 g / kg
	Bubble gum	20 g / kg
	Decorative coatings, decorations (except fruit)	2 g / kg
	Grain, including rice (whole, crushed, flakes)	800 mg / kg

	Pastries (pastry)	3 g / kg
	Frozen meat, poultry, game (in one piece, diced or chopped)	950 mg / kg
Mineral oil (medium and low viscosity, class I) 905e	Dried fruits	5 g / kg
	Confectionery	2 g / kg
	Bread and bakery products	3 g / kg
Polyvinyl alcohol (E1203)	Frozen fish (as part of the solutions for glazing)	according to TD
	As a part of films and coatings for the surface treatment of sausages, cold cuts, cheeses and their shells	according to TD
	Dietary supplements to food in capsules and tablets	18 g / kg
Poly-1-decene hydrogenated (E907)	Sugar confectionery	2 g / kg
	Dried fruits	2 g / kg
Polyethylene glycol (1521)	Fresh fruit	according to TD
	See. Appendix N 12 and N 15	
Oxidized polyethylene wax (E914) montan (oktakozanovoy) acid esters (E912)	Fresh citrus fruits, cantaloupe, mango, papaya, avocado, pineapple	according to TD
Pullulan (E1204)	Dietary supplements to food in capsules and tablets	according to TD
	Mikrokonfety as films, breath freshening	according to TD

Appendix 7. Hygienic standards applying acids and acidity regulators

Annex 7
to the technical regulation "Safety of food additives,
flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Adipic acid (E355) and its salts adipates: ammonium (E359) Potassium (E357), sodium (E356) - individually or in combination, in based on the acid	Desserts flavored dry	1 g / kg
	Desserts Jelly	6 g / kg
	Powdered mixture for making beverages at home	10 g / kg
	Fillings, finishes Viennoiserie and flour confectionery products	2 g / kg
Aluminophosphate sour sodium (E541)	Pastry (only for rich products and biscuits)	1 g / kg in terms of aluminum
	See. Appendix N 5	
Tartaric acid (E334), and its tartrate salt: Potassium (E336), calcium (E354), sodium (E335), sodium-potassium (E337)	According to the AP	according to TD
	See. Appendix N 18	
meta-tartaric acid (E353)	Wine	For recipes, agreed with the

		competent authority
Ammonium hydroxide (E527)	According to the AP	according to TD
Potassium hydroxide (E525)	According to the AP	according to TD
Calcium hydroxide (E526)	According to the AP	according to TD
Magnesium hydroxide (E528)	According to the AP	according to TD
Sodium hydroxide (E524)	According to the AP	according to TD
Gluconic acid (E574) and its salts gluconate:	According to the AP	according to TD
Potassium (E577), calcium (E578), magnesium (E580), sodium (E576) and glyukonodelta lactone (E575)	See. Annex N 4 , N 5 and N 12	
ferrous gluconate (E579)	See. Appendix N 17	
Citric acid (E330) and its citrate salt:	According to the AP	according to TD
ammonium (E380), potassium (E332), calcium (E333), sodium (E331)	N 4, N 12 and N 18	
ferric ammonium citrate (E381)	See. Appendix N 3	
Lactic acid (E270) and its salts lactates:	According to the AP	according to TD
ammonium (E328), potassium (E326), calcium (E327),	See. Appendix N 4 and N 5	

magnesium (E329), sodium (E325)		
iron lactate (E585)	See. Appendix N 17	
Calcium oxide (E529)	According to the AP	according to TD
	See. Appendix N 5	
Sulfuric acid (E513) and its sulfate salt: ammonium (E517), potassium (E515), calcium (E516), magnesium (E518), sodium (E514)	According to the AP	according to TD
sulfates: aluminum (E520), ammonium aluminum (E523), potassium aluminum (E522), sodium aluminum (E521) - individually or in combination in terms of aluminum	Egg white	30 mg / kg
	Candied in sugar (kondirovannye), crystallized and candied fruit and vegetables	200 mg / kg
Hydrochloric acid (E507) and its salts: ammonium chloride (E510), potassium chloride (E508), calcium chloride (E509), magnesium chloride (E511)	According to the AP	according to TD
	See. Appendix N 5 and N 12	
Carbon dioxide (carbon dioxide, E290)	According to the AP	according to TD

gas, liquid, solid and its salts: ammonium carbonates (E503), potassium carbonate (E501), calcium carbonate (E170), magnesium carbonate (E504), sodium carbonate (E500)	See. Annex N 3 , N 11 , N 12 , N 15 and N 17	
Acetic acid (E260) and its salts are acetates:	According to the AP	according to TD
ammonium (E264), potassium (E261), calcium (E263), sodium (E262)	See. Annex N 8 , N 12 and N 15	
zinc acetate (E650)	See. Appendix N 16	
Phosphoric acid (E338) and food phosphates: potassium phosphate (E340), calcium phosphates (E341, E542), magnesium phosphate (E343), sodium phosphate (E339), pyrophosphates (E450), triphosphates (E451), polyphosphates (E452)	See. Annex N 3 , N 5 , N 12 and N 15	
Fumaric acid (E297), sodium fumarate (E365) - individually or in combination, based on the fumaric acid	Wine	Formulation agreed with the competent authority

	Fillings, finishes Viennoiserie and flour confectionery products	2.5 g / kg
	Sugar confectionery	1 g / kg
	Desserts: jelly, fruit flavored, dry powder, dessert mixes	4 g / kg
	Soluble powdered fruit-based beverage	1 g / kg
	Soluble products for preparation of flavored tea and herbal tea (infusion)	1 g / kg
	Bubble gum	2 g / kg
Malic acid (E296) and its salts malate:	According to the AP	according to TD
Potassium (E351), calcium (E352), sodium (E350)	See. Appendix N 18	
Succinic acid (E363) and its salts succinates:	Desserts	6 g / kg
potassium , calcium , sodium -	Powdered mixture for the preparation of non-alcoholic beverages at home;	3 g / kg
alone or in combination, in	Soups and broths (concentrates)	5 g / kg
terms of succinic acid	Vodka	100 mg / l

Appendix 8. Hygienic standards preservatives

Annex 8

to the technical regulations "Safety requirements of food additives,

flavorings and processing aids "

(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Benzoic acid (E210), benzoates and salts thereof: sodium benzoate (E211) Potassium benzoate (E212), calcium benzoate (E213) - individually or in combination benzoic acid equivalent	Margarines, spreads, creams vegetable oils having a fat content of 60% or more	500 mg / kg
	Margarines, spreads, creams vegetable oils having a fat content of less than 60%	1 g / kg
	Olives (olives) and their products	500 mg / kg
	Cooked beetroot	2 g / kg
	Tomato (except for juice products)	1 g / kg
	Jam, marmalade, jelly, jam, low-sugar and sugar-paste-like consistency	500 mg / kg
	Sauces based on vegetable oils, sauces, mayonnaise, cream on vegetable oils	500 mg / kg
	Emulsified sauces based on vegetable oils, mayonnaise, dressings, sauces, mayonnaise creams vegetable oils having a fat content of less than 60%	1 g / kg

Emulsified sauces	1 g / kg
Liquid egg products (protein, egg yolk, whole egg)	5 g / kg
Soft drinks, flavored	150 mg / kg
Non-alcoholic beer in kegs (barrels)	200 mg / kg
Alcoholic beverages with an alcohol content of less than 15 vol.%	200 mg / kg
Jelly jellied dishes	500 mg / kg
Liquid concentrates: tea, fruit, herbal infusions of	600 mg / kg
Milk-based desserts, not heat-treated	300 mg / l
Pickled vegetables or oil (excluding olives)	2 g / kg
Candied in sugar (kondirovannye) fruit and vegetables	1 g / kg
Bubble gum	1.5 g / kg
Preserved fish, including caviar	2 g / kg
Fish, salted, dried	200 mg / kg
Cooked crustaceans and molluscs	1 g / kg
Salads ready	1.5 g / kg
Mustard	1 g / kg
Spices and condiments	1 g / kg
Soups and broths liquid, except canned	500 mg / kg
Dietary treatments and preventive foods (excluding products for children), dietary composition for weight loss	1.5 g / kg
Sugar confectionery, candy, chocolate rolls	1.5 g / kg
Dried fruits	800 mg / kg

	Decorations, including Viennoiserie, decorative coatings (not fruit), sweet sauces	1500 mg / kg
	Surface treatment of sausages, sausages, cheeses, and shells as well as the composition of the films and coatings	according to TD
	Cured meat products (surface treatment)	according to TD
	Flavours	1.5 g / kg
	Analogues of fish products based on algae	500 mg / kg
	Beer kegs with added (over 0.5%) for the fermentation of sugar and / or fruit juice or juice concentrate, and	200 mg / kg
	Biologically active food supplements, liquid	2 g / kg
	Dietary food supplements, powders, formulations containing vitamin A or vitamin A and D	1 g / kg (in ready-to-eat products)
Dehydroacetic acid (E265), sodium degidratsetat (E266) - individually or in combination in terms of dehydroacetic acid	Surface treatment of sausages, sausages, cheeses, and shells as well as the composition of the films and coatings	5 mg / kg (residual amount in product)
Dimetildikarbonat (E242)	Soft drinks flavors, wine soft drinks, tea (liquid) and herbal infusions, coffee, Coffee substitute, and other hot beverages from cereals (except cocoa)	250 mg / l for processing residues are not allowed
	Apple and pear cider, fruit wine, low alcohol wine, wine-based drinks	250 mg / l for processing residues are not allowed
Diphenyl (biphenyl) - (E230)	Citrus fruits, surface treatment	70 mg / kg
Formic acid (E236)	Soft drinks flavored, water-based, including specialized (sports, toning, including energy, "electrolyte", and	100 mg / l

	others.)	
	Emulsified sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise	200 mg / kg
Natamycin (pimaricin, delvotsid) - (E235)	Surface treatment: cheese, smoked sausage, smoked	1 mg / L in the bed to a depth of 5 mm
Nisin (E234)	Semolina pudding or tapioca and similar products	3 mg / kg
	Mature cheeses and processed	12.5 mg / kg
	Cottage cheese and cream cheese (type "mascarpone")	10 mg / kg
	Liquid pasteurized egg products (protein, egg yolk, whole egg)	6.25 mg / l
Potassium nitrate (E252), sodium nitrate (E251), - individually or in combination based on NaNo3(residual amount)	Sausages and meat products salted, boiled, smoked; canned meat	250 mg / kg
	Hard cheese, semi-soft	50 mg / kg
	Substitutes cheese milk-based	50 mg / kg
	Herring, sprat, salted and marinated	200 mg / kg (such as NaNo2 including the resultant nitrite)
Potassium nitrite (E249), sodium nitrite (E250) - individually or in combination translation on NaNo2 (residual amount)	Sausage and smoked meat products, solenokopchenye, dried	50 mg / kg
	Boiled sausages and other cooked meat products	50 mg / kg
	Canned meat	50 mg / kg
p-hydroxybenzoic acid methyl ester (E218),	Jelly covering meat products (cooked, salted, dried), pate	1 g / kg

p-hydroxybenzoic acid, methyl ether, sodium salt (E219), p-hydroxybenzoic acid ethyl ester (E214), p-hydroxybenzoic acid, ethyl ether, sodium salt (E215) - "Parabens" - alone or in combination, based on the benzoic acid		
	Cereals (snacks) based on cereals and potatoes, covered with nuts	300 mg / kg
	Sugar confectionery, candy, chocolate rolls	300 mg / kg
	Cured meat products (surface treatment)	according to TD
Propionic acid (E280) and its salts propionates: Potassium (E283), calcium (E282), sodium (E281) - individually or in combination based on the propionic acid	Bread (wheat and rye) sliced packaged for long-term storage	3 g / kg
	Bread with reduced energy value, fancy cakes and pastries, pitta, prepacked	2 g / kg
	Bread (wheat) packaged for long-term storage, Easter cake, Christmas	1 g / kg
	Cheese and cheese substitutes (for surface treatment)	according to TD
Sulfurous acid (E220 sulfur dioxide) and salts thereof: bisulfite (sodium bisulfite) potassium E228, E227 calcium sulfite, sodium hydrosulfite E222, E224 potassium metabisulphite, sodium metabisulphite E223, E225 potassium sulfite, E226 calcium sulfite,	Dried cabbage	800 mg / kg
	Potatoes peeled (treatment against darkening)	50 mg / kg
	Potato products, including frozen;mashed potatoes dry	100 mg / kg
	Potatoes dry granulated (semolina)	400 mg / kg
	Dried white roots	400 mg / kg
	White roots frozen	50 mg / kg

sodium sulfite E221 - alone or in combination, based on the sulfur dioxide (2)	Onions, shallots, garlic, grated (pulp)	300 mg / kg
	Tomato paste sulfited weight (dry matter content of 30%) (except tomato paste for the production of juice products)	400 mg / kg
	Dried Tomatoes	200 mg / kg
	Mushroom products, including frozen	50 mg / kg
	Dried mushrooms	100 mg / kg
	Vegetables and fruits in the marinade (vinegar), brine or oil (excluding olives)	100 mg / kg
	Candied in sugar (kondirovannye), fruits, vegetables, candied fruit, angelica	100 mg / kg
	Jams, marmalades, jellies, jam, low-sugar and sugar-free, and other similar products	50 mg / kg
	Jams, jellies, marmalade, jam made with fruits and berries sulfited	100 mg / kg
	Filling fruit (fruit-based)	100 mg / kg
	Seasonings, made on the basis of lemon juice	200 mg / kg
	Lemon, sliced, pasteurized	250 mg / kg
	Recovered (rehydrated) dried fruit, pasteurized	100 mg / kg
	Dried fruits: - Apricots, peaches, grapes (raisins), plums, figs - Bananas - Apples and pears - Other, including nuts in shell	 2 g / kg 1 g / kg 600 mg / kg 500 mg / kg

Semi-finished products (pulp) for industrial processing: - Strawberries, raspberries - Cherry - Other berries and fruits	 2 g / kg 3 g / kg 1.5 g / kg
Sugar, including white sugar (sugar), and others.	15 mg / kg
High Glucose dehydrated molasses	20 mg / kg
Treacle and molasses	70 mg / kg
Other sugars	40 mg / kg
Candy and sugar confectionery high glucouse on molasses	50 mg / kg
Dry biscuit	50 mg / kg
Starches (excluding starches for children's products);	50 mg / kg
Cereals (snacks) based on cereals and potatoes	50 mg / kg
Sago pearl barley	30 mg / kg
Meat sausages containing vegetable or grain ingredients more than 4%	450 mg / kg
Dried and salted fish	200 mg / kg
Crustaceans and cephalopods: - Fresh, frozen - Crustaceans Penaeidae, Solenoceridae, Aristaeidae fresh, frozen - Boiled	 150 mg / kg in the edible parts 300 mg / kg in the edible parts 50 mg / kg in the edible parts
- Crustaceans Penaeidae, Solenoceridae, Aristaeidae boiled	270 mg / kg in the edible parts

Concentrates based on fruit juice, containing at least 2.5% of barley water	350 mg / kg
Other concentrates based on fruit juice or pureed fruit	250 mg / kg
Soft drinks flavored fruit juices	20 mg / kg of residual amounts of concentrates
Soft drinks containing High glucouse molasses (not less than 235 g / l)	50 mg / kg
Beer including low-alcohol and non-alcoholic	20 mg / kg
Beer with a secondary fermentation in barrels	50 mg / kg
Wines	300 mg / kg
Fruit wines, including Sparkling cider; honey wine	200 mg / kg
Non-alcohol Wines	200 mg / kg
Vinegar is produced by fermentation	170 mg / kg
Mustard	250 mg / kg
Mustard fruit	100 mg / kg
Fruit extracts gelling pectin liquid (for the implementation of the consumer)	800 mg / kg
Gelatin	50 mg / kg
Grated horseradish	800 mg / kg
Dried ginger	150 mg / kg
Dried coconut	50 mg / kg
Flavored syrups for milkshakes, ice cream, syrups for pancakes, pancakes, cakes, etc.	40 mg / kg

	Analogs of products of meat, fish, crab protein-based	200 mg / kg
	Pickled walnuts	50 mg / kg
	Sweet corn, packed under vacuum	100 mg / kg
	Alcoholic beverages (distilled) containing whole pears	50 mg / kg
	Table grapes	10 mg / kg
	Fresh litchi	10 mg / kg in the edible parts
	Blueberries (Vaccinium corybosum only)	10 mg / kg
	Cinnamon (Cinnamomum ceylanicum only)	150 mg / kg
	See. appendix N 4	
Sorbic acid (E200) and its salts sorbates: sodium (E201) Potassium (E202), calcium (E203), - alone or in combination, based on sorbic acid	Fresh cheeses with fillers; cheese sliced, packaged	1 g / kg
	Cheese	2 g / kg
	Cheeses and their substitutes (surface treatment)	according to TD
	Cottage cheese products, Easter	1 g / kg
	Olives (olives) and their products	1 g / kg
	Mashed potatoes and slices for frying	2 g / kg
	Canned and pasteurized products from fruits and vegetables, including sauces, except puree, mousses, compotes, salads, juice products and similar products	1 g / kg
	Tomato (except for juice products)	1 g / kg
	Dried fruits	1 g / kg
	Cereal products produced by extrusion technology	2 g / kg
	Bread and pastries, including with a reduced calorie,	2 g / kg

packaged, packed for long term storage	
Analogues of meat, fish products, products of crustaceans and cephalopods; based cheese substitute proteins	2 g / kg
Dried egg products, concentrated, frozen	1 g / kg
Liquid egg products (protein, egg yolk, whole egg)	5 g / kg
Spreads, margarine, sauces emulsified vegetable oil-based, mayonnaise, dressings, sauces, mayonnaise, cream on vegetable oils with a fat content of 60% or more	1 g / l
Spreads, margarines, emulsified sauces based on vegetable oils, mayonnaise, dressings, sauces, mayonnaise, vegetable oils, creams having a fat content of less than 60%	2 g / l
Emulsified sauces	1 g / kg
Soft drinks, flavored	300 mg / l
Flavored drinks based on wine	200 mg / l
Ordinary wine, fruit, honey, cider, wine, soft drinks	300 mg / kg
Alcoholic beverages with an alcohol content of less than 15% vol.	200 mg / kg
Jelly jellied dishes	1 g / kg
Flavored syrups for milkshakes, ice cream, etc., syrups for pancakes, cakes	1 g / kg
Filling for ravioli (ravioli), gnocchi	1 g / kg
Surface treatment of sausages, sausages, cheeses, and shells as well as the composition of the films and coatings	according to TD

Milk-based desserts, not heat-treated;	300 mg / l
Pickled vegetables or oil (excluding olives)	2 g / kg
Candied in sugar (kondirovannye) fruit and vegetables	1 g / kg
Jam, marmalade, jelly, jam, low-sugar and sugar-paste-like consistency	1 g / kg
Fruit and fruit-fat toppings for flour confectionery products	1 g / kg
Bubble gum	1.5 g / kg
Preserved fish, including caviar	2 g / kg
Fish, salted, dried	200 mg / kg
Cooked crustaceans and molluscs	2 g / kg
Salads ready	1.5 g / kg
Mustard	1 g / kg
Spices and condiments	1 g / kg
Dietary treatments and preventive foods (excluding products for children), dietary composition for weight loss	1.5 g / kg
Liquid concentrates: tea, fruit, herbal infusions of	600 mg / kg
Jelly covering meat products (cooked, salted, dried); pates	1 g / kg
Soups and broths liquid, except canned	500 mg / kg
Cereals (snacks) based on cereals and potatoes, covered with nuts	1 g / kg
Sugar confectionery, candy, chocolate rolls	1.5 g / kg
Cured meat products (surface treatment)	according to TD
Flavours	1.5 g / kg

	Analogues of fish products based on algae	1 g / kg
	Beer kegs with added (over 0.5%) for the fermentation of sugar and / or fruit juice and / or juice concentrate	200 mg / kg
	Fresh untreated citrus fruits (surface treatment)	20 mg / kg
	Biologically active food supplements, liquid	2 g / kg
	Dietary food supplements, dry, sources of vitamin A or vitamin A and vitamin D in various combinations	1 g / kg in the ready-to-eat products
Sorbic acid and sorbates (E200, E201, E202, E203) in combination with benzoic acid and benzoates (E210, E211, E212, E213) - individually or in combination, based on the corresponding acid	Milk-based desserts, not heat-treated	300 mg / l
	Spreads, margarine, mayonnaise, cream on vegetable oils, sauces emulsified, filling, sauces based on vegetable oils, mayonnaise, sauces mayneznye creams on vegetable oils with a fat content of 60% or more	1 g / kg, including benzoates not more than 500 mg / kg
	Spreads, margarine, mayonnaise, cream on vegetable oils, sauces emulsified, filling, sauces based on vegetable oils, mayonnaise, sauces mayneznye creams on vegetable oils with a fat content of less than 60%	2 g / kg, including benzoates less than 1 g / kg
	Pickled vegetables or oil (excluding olives)	2 g / kg
	Tomato (except for juice products)	1 g / kg
	Olives (olives) and their products	1 g / kg, including benzoates not more than 500 mg / kg
	Candied in sugar (kondirovannye) fruit and vegetables	1 g / kg
	Jam, marmalade, jelly, jam, low-sugar and sugar-paste-like	1 g / kg,

consistency	including benzoates not more than 500 mg / kg
Bubble gum	1.5 g / kg
Preserved fish, including caviar	2 g / kg
Fish, salted, dried	200 mg / kg
Cooked crustaceans and molluscs	2 g / kg, including benzoates less than 1 g / kg
Emulsified sauces based on vegetable oils, mayonnaise, dressings, sauces, mayonnaise, vegetable oils, creams having a fat content of 60% or more	1 g / kg, including benzoates not more than 500 mg / kg
Emulsified sauces based on vegetable oils, mayonnaise, dressings, creams vegetable oils having a fat content of less than 60%	2 g / kg, including benzoates less than 1 g / kg
Emulsified sauces	1 g / kg
Liquid egg products (protein, egg yolk, whole egg)	5 g / kg
Salads ready	1.5 g / kg
Mustard	1 g / kg
Spices and condiments	1 g / kg
Food products and dietary dietary therapeutic preventive nutrition (excluding products for children), dietary composition for weight loss	1.5 g / kg
Soft drinks, flavored	400 mg / kg,

		including sorbates not more than 250 mg / kg, benzoates not more than 150 mg / kg
	Alcoholic beverages with an alcohol content of less than 15 vol.%	400 mg / kg, including no more than 200 mg / kg of each
	Liquid concentrates: tea, fruit, herbal infusions of	600 mg / kg
	Soups and broths liquid, except canned	500 mg / kg
	Sugar confectionery, candy, chocolate rolls	1.5 g / kg
	Cured meat products (surface treatment)	according to TD
	Flavours	1.5 g / kg
	Beer kegs with added (over 0.5%) for the fermentation of sugar and / or fruit juice and / or juice concentrate	400 mg / kg
	Dietary food supplements, powders, formulations containing vitamin A or vitamin A and D	1 g / kg (in ready-to-eat products)
	Biologically active food supplements, liquid	2 g / kg
Sorbic acid and sorbates (E200, E201, E202, E203) in combination with the "parabens" (E214, E215, E218, E219) - individually or in combination, in terms of sorbic and benzoic acid, respectively	Jelly covering meat products (cooked, salted, dried), pate	1 g / kg
	Cereals (snacks) based on cereals and potatoes, covered with nuts	1 g / kg, including "Parabens" not more than 300 mg / kg
	Sugar confectionery, candy, chocolate rolls	1.5 g / kg, including "Parabens" not more

		than 300 mg / kg
	Cured meat products (surface treatment)	according to TD
Sorbic acid and sorbates (E200, E201, E202, E203)	Cured meat products (surface treatment)	according to TD
in combination with benzoic acid and benzoates (E210, E211, E212, 213) and the "parabens" (E214, E215, E218, E219) - individually or in combination, in terms of sorbic and benzoic acid, respectively	Sugar confectionery, candy, chocolate rolls	1.5 g / kg, including"Parabens" not more than 300 mg / kg
Acetic acid	According to the AP	according to TD
(E260) and its salts are acetates: Potassium (E261), calcium (E263), sodium (E262)	See. Annex N 7 , N 12 , N 15	
Ortho-phenylphenol (E231), ortho-phenylphenol sodium salt (E232) - individually or in combination in terms of ortho-phenylphenol	Citrus fruits (surface treatment)	12 mg / kg

Note: - The maximum level of potassium and sodium nitrite in foods means the residual quantity, which can be found in products sold in retail outlets. With the simultaneous use of nitrates and nitrites in the composition of curing mixtures maximum level of nitrite in foods and include nitrites formed from nitrates.

Appendix 9. Food products, the production of which the use of dyes is not permitted

Annex 9
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Do not use dyes in the production of the following food products:

1) raw food products;

2) milk, pasteurized or sterilized milk chocolate flavored;

3) dairy products, buttermilk not flavored;

4) milk, cream, preserved, concentrated, condensed not flavored;

5) vegetables (excluding olives), fruits, mushrooms, fresh, dried, canned, including purees and pastes;

6) eggs and egg products (for coloring Easter eggs shell allowed dyes listed in Appendix 11 to the present Technical Regulations);

7) meat, poultry, game, fish, crustaceans, molluscs or a piece of whole or chopped, minced, without the addition of other ingredients, raw;

8) flour, cereals, starches;

9) fruits, vegetables, mushrooms, fresh, dried, canned (including paste and puree); juice products (except for juice drinks), pasta, mashed potatoes;

10) tomato paste and sauce, canned tomatoes;

11), glucose, fructose, lactose;

12) honey;

13) cocoa products, chocolate confectionery ingredients and other products;

14) pasta;

15) roasted coffee, chicory and tea extracts of them; tea, herbal and fruit infusions and drugs for soluble mixture;

16) malt and malt beverages;

17), spices and mixtures thereof;

18) salt, salt substitutes;

19) Bottled drinking water;

20) wine, fruit alcohol, fruit spirits and vinegar;

21) oil and animal fat, vegetable oils and cold pressed forward;

22) mature and immature cheese flavored;

23) bread;

24) specialized food products to supply healthy and sick children up to three years. Note: Except as otherwise specified in Annexes 10 and 11 to the present Technical Regulations.

Appendix 10. Food products, in the manufacture of which permits certain dyes

Annex 10

to the technical regulations "Safety requirements

of food additives, flavorings and processing aids "

(TR CU 029/2012)

Name Food	Name of additive	The maximum level of production in
Malt bread	Sugar color (E150 a, b, c, d)	according to TD
Beer, cider	Sugar color (E150 a, b, c, d)	according to TD
Butter (creamy), including reduced-fat; melted butter	Carotenes (E160a)	according to TD
Margarines, fats special	Annatto (E160b, bixin, norbiksin)	10 mg / kg
destination, milk fat replacers,	Carotenes (E160a)	25 mg / kg

cocoa butter equivalents, cocoa butter improvers SOS-type cacao butter substitutes POP-type Non-temper the cocoa butter substitutes such non-lauric, cocoa butter substitutes lauric type Non-temper	Curcumin (E100)	5 mg / kg (as determined by the total kurkminu)
Vegetable spreads, cream, vegetable-fat, rendered mixture Plant-cream, vegetation fat	Curcumin (E100)	10 mg / kg
	Riboflavin (E101 i, ii)	300 mg / kg
	Carmina (E120)	500 mg / kg
	Sugar color (E150 b, c, d)	500 mg / kg
	Carotenes (E160a, i)	1000 mg / kg
	Carotenes (E160a, ii)	35 mg / kg
	Carotenes (E160a, iii)	
	beta-apo-8'-carotene aldehyde (C30) (E160)	
	beta-apo-8'-carotene acid (C30), ethyl ester (E160f)	
	Annatto (E160b, bixin, norbiksin)	100 mg / kg
Flavored processed cheese	Annatto (E160b, bixin, norbiksin)	15 mg / kg
Some types of cheese produced by recipes, agreed with authorized body	Annatto (E160b, bixin, norbiksin)	50 mg / kg
	Carmina (E120)	125 mg / kg
	Anthocyanins (E163)	according to TD
	Carotenes (E160a)	according to TD

	Paprika extract, capsanthin, kapsorubin (E160s)	according to TD
	Coal plant (E153)	according to TD
	Chlorophyll (E140) and copper complexes (E141 i, ii)	according to TD
Vinegar	Sugar color (E150 a, b, c, d)	according to TD
Whiskey, wine and grain alcohol, rum, brandy	Sugar color (E150 a, b, c, d)	according to TD
Flavored wines and flavored drinks based on wine, made according to a formula agreed with the competent authority	Sugar color (E150 a, b, c, d)	according to TD
Bitter soda and bitter wine, made according to a formula agreed with the competent authority	Sugar color (E150 a, b, c, d)	according to TD
	Curcumin (E100), Riboflavin (E101 i, ii), Tartrazine (E102), Ponce 4R (E124), Azorubin (E122), quinoline yellow (E104), Allura Red AC (E129), Carmina (E120), Yellow "sunny sunset "FCF (E110) - alone or in combination	100 mg / l
Vegetables in vinegar, brine or oil, for except olives	Anthocyanins (E163)	according to TD
	Carotenes (E160a)	according to TD
	Beet red (E162)	according to TD

	Riboflavin (E101)	according to TD
	Sugar color (E150 a, b, c, d)	according to TD
	Chlorophylls, chlorophyllins (E140) and copper complexes (E141)	according to TD
Dry breakfast cereals, extruded and inflated and / or flavored fruit	Annatto (E160b, bixin, norbiksin)	25 mg / kg
	Carotenes (E160a)	according to TD
	Maslosmoly (extracts) paprika (E160s, capsanthin, kapsarubin)	according to TD
	Sugar color (E150s)	according to TD
	Anthocyanins (E163), carmine (E120), red beet (E162) - alone or in combination	200 mg / kg
Jams, jellies, jams, including with sliced fruits and the like Fruit products, including low calorie	Anthocyanins (E163)	according to TD
	Carotenes (E160a)	according to TD
	Beet red (E162, betanin)	according to TD
	Curcumin (E100)	according to TD
	Paprika extract, capsanthin, kapsorubin (E160s)	according to TD
	Sugar color (E150 a, b, c, d)	according to TD
	Chlorophylls and chlorophyllins (E140) and copper complexes (E141)	according to TD
	Yellow "sunset" FCF (E110), quinoline yellow (E104), Green S (E142),	100 mg / kg

	Carmina (E120), lycopene (E160d), lutein (E161b), Ponce 4R (E124) - alone or in combination	
Sausage, sausage, cooked sausage, pies, boiled meat	Curcumin (E100)	20 mg / kg
	Carmina (E120)	100 mg / kg
	Sugar color (E150 a, b, c, d)	according to TD
	Carotenes (E160a)	20 mg / kg
	Paprika extract, capsanthin, kapsorubin (E160s)	10 mg / kg
	Beet red (E162, betanin)	according to TD
	Red rice	according to TD
Pork smoked and dried sausage in including pepper (type "Chorizo" "Salchichon")	Carmina (E120)	200 mg / kg
	Ponce 4R (E124)	250 mg kg
	Red rice	according to TD
Frankfurters with the content of grain and 6% legumes; products ground meat ("urban fodder") with a content of cereals, legumes and vegetables than 4%	Allura Red AC (E129)	25 mg / kg
	Carmina (E120)	100 mg / kg
	Sugar color (E150 a, b, c, d)	according to TD
Potatoes dry granular, flake	Curcumin (E100)	according to TD
Green peas and mashed him, processed and preserved.	Brilliant blue FCF (E133)	20 mg / kg
	Green S (E142)	10 mg / kg
	Tartrazine (E102)	100 mg / kg

Note:

- Carotenoids in general based on norbiksin or bixin.

Appendix 11. Hygienic regulations for the application of dyes

Annex 11
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Azorubin (E122, Karmuazin), Allura Red AC (E129), beta-apo-8'-carotene aldehyde (C30) (E160)	Flavored soft drinks, juice drinks	100 mg / kg
beta-apo-8'-carotene acid (C30) ethyl ester (E160f) Yellow "sunset" FCF (E110), quinoline yellow (E104)	Alcoholic beverages, flavored wines and drinks based on them, fruit wines (quiet and sparkling) cider	200 mg / kg
Green S (E142)	Fruits and vegetables glazed	200 mg / kg
Green robust FCF (143)	Fruits (painted) canned	200 mg / kg
Indigo carmine (E132)	Sugar confectionery	300 mg / kg
Carmine (E120, Cochineal)	Bubble gum	300 mg / kg

Brown HT (E155) Curcumin (E100), lycopene (E160d) Lutein (E161b), Ponce 4R (E124) Brilliant blue FCF (E133), patent blue V (E131) Tartrazine (E102) Brilliant Black PN (E151) - alone or in combination	Decorative coatings	500 mg / kg
	Butter bread and pastry	200 mg / kg
	Milk-based ice cream, popsicles	150 mg / kg
	Desserts, including milk, flavored	150 mg / kg
	Cheese flavored	100 mg / kg
	Sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, seasonings (dry and pasty), pickles (small pickled vegetables), etc.	500 mg / kg
	Mustard	300 mg / kg
	Pasta - fish and shellfish	100 mg / kg
	Crustaceans - semi-finished boiled	250 mg / kg
	Fish "under the Salmon"	500 mg / kg
	Minced fish surimi	500 mg / kg
	Fish roe	300 mg / kg
	Smoked fish	100 mg / kg
	Dry snacks (snacks) on the basis of potatoes, grain or starch, spice: - Extruded or blown spicy snacks - Other savory snack foods, including nuts	 200 mg / kg 100 mg / kg
	Edible coating cheeses and sausages	according to TD

	Food mixes Full-Diet, including for the control of body weight	50 mg / kg
	Biologically active food supplements:	
	- Solid	300 mg / kg
	- Liquid	100 mg / kg
	Soups	50 mg / kg
	Meat and fish analogues based on vegetable proteins	100 mg / kg
Annatto extracts (E160b, bixin, norbiksin)	Margarines, spreads, and the mixture rendered, special purpose fats, milk fat replacers, cocoa butter equivalents, cocoa butter improvers SOS-type cacao butter substitutes POP-type Non-temper the cocoa butter substitutes non-lauric-type Non-temper the cocoa butter substitutes of lauric-type fats dehydrated	10 mg / kg
	Ice cream, popsicles, popsicles	20 mg / kg
	Decorative items and shell	20 mg / kg
	Butter bread and pastry	10 mg / kg
	Liqueurs and fortified beverages containing less than 15 vol.% Alcohol	10 mg / kg
	Cheese	15 mg / kg
	Desserts, including ice cream milk-based	10 mg / kg

	Coatings for cheese (edible)	20 mg / kg
	Bloater	10 mg / kg
	Dry snacks (snacks) on the basis of potatoes, grain or starch, spice: - Extruded or blown spicy snacks - Other savory snack foods, including nuts	 200 mg / kg 100 mg / kg
	Dry breakfast cereals, extruded and blow and (or) fruit flavored	25 mg / kg
	Bubble gum	300 mg / kg
Anthocyanins (E163)	According to the AP	according to TD
Titanium dioxide (E171), calcium carbonate (E170), carotene (E160a), red beet (E162, betanin), paprika extract, capsanthin, kapsorubin (E160s), oxides (hydroxides) iron (E172), Riboflavin (E101), Sugar color (E150, E150v, E150s, E150d), Tannins food (E181), Coal plant (E153),	See. Annex N 3 and N 7	

chlorophyll and chlorophyllins (E140), chlorophyll and chlorophyllins copper complexes (E141)		
Canthaxanthin (E161e)	Sausages "Strasbourg"	15 mg / kg
Red rice	Meat products	according to TD
Silver (E174), Gold (E175)	Sugar confectionery, chocolate (surface decorative pastry ingredients sets, cakes, etc.)	according to TD
	Liqueurs, vodka	according to TD

Note: - for soft drinks and juice drinks, confectionery and bakery, desserts, ice cream and fruit ice using each of the dyes Azorubin (E122), Yellow "sunset" FCF (E110), Brown HT (E155), Ponce 4R (E124) are not exceed 50 mg / kg. - common carotenoids calculated as bixin or norbiksin. - these dyes may be used for the production of all food products except those mentioned in Annex 9 , and for the food products listed in Annex 10 , the content of dyes regulated.

Appendix 12. Hygienic standards applying media

Annex 12
to the technical regulations "Safety requirements of food additives,
flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Agar (E406)	According to the AP	according to TD
	See. Appendix N 15	
Alginic acid (E400) and its salts, alginates:	According to the AP	according to TD

ammonium (E403), potassium (E402), calcium (E404), sodium (E401)	See. Appendix N 15	
Aluminum silicate (E559, kaolin)	Dyes	5 g / 100 g
	See. Appendix N 3	
Potassium aluminum silicate (E555)	Dyes Titanium dioxide (E170), and iron oxides and hydroxides (E171)	not more than 90% relative to dye
Calcium acetate (E263)	According to the AP	according to TD
	See. Annex N 7 , N 8 , N 15	
Benzyl alcohol (E1519) - in foods (from all sources) as ready for consumption and reconstituted in accordance with the manufacturer's instructions	Flavours:	according to TD
	- For liqueurs, flavored wines, flavored drinks and wine-based cocktails - For confectionery products, including chocolate and bakery products	100 mg / l 250 mg / kg
Bentonite (E558)	Dyes	5 g / 100 g
	See. Appendix N 3	
Beeswax (E901)	Dyes	according to TD
	See. Appendix N 6	
Glycerol (E422)	According to the AP	according to TD
	See. Appendix N 5	
Glycine (E640) and its sodium salt	According to the AP	according to TD
	See. Appendix N 16	

Potassium gluconate (E577)	According to the AP	according to TD
	See. Appendix N 4 , N 7	
Guar gum (E412)	According to the AP	according to TD
	See. Appendix N 15	
Gum arabic (E414, acacia gum)	According to the AP	according to TD
	See. Appendix N 15	
Diacetin (E1517, glitserildiatsetat)	See. Triacetin (E1518)	
Amorphous silicon dioxide (E551)	Emulsifiers, colourants	5 g / 100 g
	Dyes Titanium dioxide (E171), and iron oxides and hydroxides (E172)	not more than 90% relative to dye
	See. Appendix N 3	
Fatty acids (E570)	Coating agents for fruit	according to TD
	See. Appendix N 15	
Isomalt, isomalt (E953) xylitol (E967), lactitol (E966), maltitol and maltitol syrup (E965), mannitol (E421), sorbitol (E420), erythritol (E968)	According to the AP	according to TD
	See. Appendix N 13 and N 15	
Potassium, sodium and calcium salts	Coating agents for fruit	according to TD
fatty acids (E470)	See. Appendix N 3 and N 15	
Locust bean gum (E410)	According to the AP	according to TD

	See. Appendix N 15	
Potassium carbonate (E501), calcium carbonate (E170), magnesium carbonate (E504)	According to the AP	according to TD
	See. Annex N 3 , N 7 , N 11 , N 15 and N 17	
Carrageenan (E407, E407a)	According to the AP	according to TD
	See. Appendix N 15	
Castor oil (E1503)	According to the AP	according to TD
	See. Annex 3 N and 6 N	
Konjac, Konzhakovaya flour (E425), konzhakovaya gum (E425i) konzhakovy glucomannan (E425ii)	According to the AP	according to TD
	See. Appendix N 15	
Modified starches: acetylated starch (E1420), acetylated dikrahmaladipat (E1422), acetylated dikrahmalfosfat (E1414), acetylated oxidized starch (E1451), dikrahmalfosfat (E1412), monokrahmalfosfat (E1410), oxidized starch (E1404), hydroxypropyl dikrahmalfosfat (E1442), hydroxypropyl starch (E1440) phosphated dikrahmalfosfat (E1413), ether and sodium starch octenyl succinic	According to the AP	according to TD
	See. Appendix N 15	

acid (E1450)		
Xanthan gum (E415)	According to the AP	according to TD
	See. Appendix N 15	
Lecithin (E322)	Coating agents for fruit and fat-soluble antioxidants Dyes	according to TD
	See. Appendix N 15	
Magnesium salts of fatty acids (E470)	Dyes and oil-soluble antioxidants	according to TD
	See. Appendix N 3 and N 15	
Mono- and diglycerides of fatty acids (E471)	Coating agents for fruit and fat-soluble dyes	according to TD
	antioxidants	
Pectin (E440)	According to the AP	according to TD
	See. Appendix N 15	
Polydextrose (E1200)	According to the AP	according to TD
	See. Appendix N 15	
Polyvinylpyrrolidone (E1201) Polyvinylpolypyrrolidone (E1202)	Sweeteners	according to TD
	See. Appendix N 15	
Polydimethylsiloxane (E900)	Coating agents for fruit	according to TD
	See. Appendix N 3 and N 15	
Polyoxyethylene (polyoxyethylene sorbitan esters of fatty acids, Tweens): polyoxyethylene (20) monolaurate (E432, Tween 20),	Dyes and oil-soluble antioxidants coating agents for fruit Defoamers	according to TD
	See. Appendix N 15	

polyoxyethylene (20) monoleate (E433, Tween 80), polyoxyethylene (20) monopalmitate (E434, Tween 40), polyoxyethylene (20) monostearate (E435, Tween 60), polyoxyethylene (20) sorbitan tristearate (E436, Tween 65)		
Polyethylene glycol (E1521)	Tabletop sweeteners	10 g / kg
	See. Appendix N 6 and N 15	
Propylene glycol (E1520, propane-1,2-diol)	Antioxidants Dyes Emulsifiers Enzyme preparations	1 g / kg in food
	See. Triacetin (E1518)	
Propylene glycol (E405)	According to the AP	according to TD
	See. Appendix N 15	
Calcium silicate (E552)	Emulsifiers, colourants	5 g / 100 g
	Dyes Titanium dioxide (E171), and iron oxides and hydroxides (E172)	not more than 90% relative to dye
	See. Appendix N 3	
Sorbitan esters of sorbitol and fatty acids (E491-E495, SPAN)	Colorants Defoamers	according to TD

corbitan monostearate (E491, SPAN 60) sorbitan tristearate (E492, SPAN 65), sorbitan monolaurate (E493, SPAN 20), sorbitan monooleate (E494, SPAN 80), sorbitan monopalmitate (E495, SPAN 40)	coating agents for fruit	
	See. Appendix N 15	
Ammonium sulphate (E517) potassium sulfate (E515), calcium sulphates (E516), sodium sulfate (E514)	According to the AP	according to TD
	See. Appendix N 5 and N 7	
Talc (E553iii)	Dyes	5 g / 100 g
	See. Appendix N 3	
Tragacanth (E413)	According to the AP	according to TD
	See. Appendix N 15	
Triacetin (E1518, glyceryl triacetate)	Flavors:	according to TD
Diacetin (E1517, glitserildiatsetat) Triethyl citrate (E1505) Propylene glycol (E1520 propane-1,2-diol) - individually or in combination in food (from all sources) as ready-to-use and restored in accordance with the manufacturer's instruction	- Food - except for the cream liqueur beverage (E1520 propylene glycol)	3 g / kg to 1 g / l
Triethyl citrate (E1505)	See. Triacetin (E1518)	
	See. Appendix N 15	

Ammonium salts of phosphatidic acid (E442, ammonium phosphatides)	Antioxidants	according to TD
	See. Appendix N 15	
Calcium phosphates (E341)	According to the AP	according to TD
	See. Annex N 3 , N 5 , N 7 and N 15	
Potassium chloride (E508), calcium chloride (E509), magnesium chloride (E511)	According to the AP	according to TD
	See. Appendix N 7	
Cellulose (E460) microcrystalline cellulose (E460i), cellulose powder (E460ii) modified cellulose: hydroxypropyl methylcellulose (E464),hydroxypropyl cellulose (E463), carboxymethyl cellulose, sodium carboxymethyl cellulose, cellulose gum (E466), carboxymethyl cellulose fermented, fermented cellulose gum (E469), methyl cellulose (E461), methylethyl (E465), ethyl cellulose (E462)	According to the AP	according to TD
	See. Appendix N 15	
krosskaramelloza (carboxymethyl cellulose sodium salt krossvyazannaya), E468	Sweeteners	according to TD
beta-cyclodextrin (E459)	According to the AP	1 g / kg

	See. Appendix N 15	
Potassium citrate (E332), sodium citrate (E331)	According to the AP	according to TD
	See. Annex N 4 and N 7	
Diacetyl tartaric esters of glycerol and fatty acids (E472e)	Dyes and oil-soluble antioxidants	according to TD
And acetic esters of glycerine and fatty acids (E472a), fatty acid esters of polyglycerol (E475), fatty acid esters and sucrose (E473), citric acid esters of mono- and diglycerides of fatty acids (E472s)	See. Appendix N 15	

Appendix 13. Hygienic standards applying sweeteners

Annex 13
to the technical regulations "Safety requirements of food additives, flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Aspartame (E951)	Soft drinks, water-based flavored drinks with juice; nectars, juice drinks; beverages based on milk and milk products without added sugar or with reduced calorie	600 mg / kg
	Desserts flavored, water-based, cereal, fruit, vegetable, dairy, egg and fat-based - no added sugar or with reduced calorie	1 g / kg

"Snacks": flavored, ready-to-eat packaged dry spicy foods based on starch and nuts	500 mg / kg
Confectionery with no added sugar	1 g / kg
Pastry with a reduced-calorie or no added sugar: - The starch-based - Based on cocoa, dried fruits	 2 g / kg 2 g / kg
Spreads, margarine, soft	1 g / kg
Chewing gum with no added sugar	5.5 g / kg
Ice cream (except butter and milk), fruit ice - with a reduced-calorie or no added sugar	800 mg / kg
Preserved fruits and pasteurized with a reduced-calorie or no added sugar	1 g / kg
Jams, preserves, jellies, marmalade with a reduced-calorie	1 g / kg
Products of processing of fruits and vegetables with a reduced-calorie	1 g / kg
Fruit and vegetable sweet-sour preserves	300 mg / kg
Sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, mustard, horseradish grated	350 mg / kg
Sweet-sour preserves of fish and marinades of fish, crustaceans and molluscs	300 mg / kg
Butter bread and pastries for dietary	1.7 g / kg
Dry breakfast cereals with a fiber content of 15% bran or at least 20%, low calorie or no sugar added	1 g / kg
Soups with a reduced-calorie	110 mg / l

	Cider and perry	600 mg / l
	Alcoholic beverages with an alcohol content of less than 15% vol.	600 mg / l
	Drinks containing a mixture of soft drinks and beer or cider, wine, alcoholic beverages	600 mg / l
	Alcohol-free beer or with an alcohol content not exceeding 1.2% vol .;other types of specialty beer	600 mg / l
	"Soft" (breath freshening) mikrokonfety (tablets, lozenges) without added sugar	6 g / kg
	Beer with a reduced-calorie	25 mg / l
	Dietary products, including Weight loss	800 mg / kg
	Biologically active food supplements:	
	- Liquid	600 mg / kg
	- Solid	2 g / kg
	- Vitamins and minerals in the form of syrups and chewable tablets	5.5 g / kg
Aspartame-acesulfame salt (E962) - the highest level of content in the product: acesulfame potassium - AC, Aspartame - AU	Soft drinks, water-based flavored drinks with juice; nectars, juice drinks; beverages based on milk and milk products without added sugar or with reduced calorie	AC 350 mg / l
	Desserts flavored, water-based, cereal, fruit, vegetable, dairy, egg and fat-based - no added sugar or with reduced calorie	AC 350 mg / kg
	"Snacks": flavored, ready-to-eat packaged dry spicy foods based on starch and nuts	AC 500 mg / kg
	Confectionery with no added sugar	AC 500 mg / kg
	Pastry with a reduced-calorie or no added sugar:	

- The starch-based - Based on cocoa, dried fruits	AC 1 g / kg AC 500 mg / kg
Spreads, margarine, soft	1 g AS / kg
Chewing gum with no added sugar	AC 2 g / kg
Ice cream (except butter and milk), fruit ice - with a reduced-calorie or no added sugar	800 mg AC / kg
Preserved fruits and pasteurized with a reduced-calorie or no added sugar	AC 350 mg / kg
Jams, preserves, jellies, marmalade with a reduced-calorie	1 g AS / kg
Products of processing of fruits and vegetables with a reduced-calorie	AC 350 mg / kg
Fruit and vegetable sweet-sour preserves	AC 200 mg / kg
Sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, mustard, horseradish grated	350 mg AC / kg
Sweet-sour preserves of fish and marinades of fish, crustaceans and molluscs	AC 200 mg / kg
Dry breakfast cereals with a fiber content of 15% bran or at least 20% with a reduced calorie or no sugar added	1 g AS / kg
Soups with a reduced-calorie	110 mg AS / l
Alcoholic beverages with an alcohol content of less than 15% vol.	AC 350 mg / l
Cider and perry	AC 350 mg / l
Drinks containing a mixture of soft drinks and beer or cider (apple, pear), wines, liquors	AC 350 mg / l
Alcohol-free beer or with an alcohol content not exceeding 1.2%	AC 350 mg / l

	vol .;other types of specialty beer	
	Beer with a reduced-calorie	25 mg AS / l
	"Soft" (breath freshening throat) mikrokonfety (tablets, lozenges) without added sugar	2.5 g of AC / kg
	Butter bread and pastries for dietary	AC 1 g / kg
	Dietary products, including Weight loss	AC 450 mg / kg
	Biologically active food supplements: - Liquid - Solid - Vitamins and minerals in the form of syrups and chewable tablets	 AC 350 mg / kg AC 500 mg / kg AC 2 g / kg
Acesulfame potassium (E950)	Soft drinks, water-based flavored drinks with juice; nectars, juice drinks; beverages based on milk and milk products without added sugar or with reduced calorie	350 mg / kg
	Desserts flavored, water-based, cereal, fruit, vegetable, dairy, egg and fat-based - no added sugar or with reduced calorie	350 mg / kg
	"Snacks": flavored, ready-to-eat packaged dry spicy foods based on starch and nuts	350 mg / kg
	Confectionery with no added sugar	500 mg / kg
	Pastry with a reduced-calorie or no added sugar: - The starch-based - Based on cocoa, dried fruits	 1 g / kg 500 mg / kg
	Spreads, margarine, soft	1 g / kg
	Chewing gum with no added sugar	2 g / kg

Ice cream (except butter and milk), fruit ice - with a reduced-calorie or no added sugar	800 mg / kg
Preserved fruits and pasteurized with a reduced-calorie or no added sugar	350 mg / kg
Jams, preserves, jellies, marmalade with a reduced-calorie	1 g / kg
Products of processing of fruits and vegetables with a reduced-calorie	350 mg / kg
Fruit and vegetable sweet-sour preserves	200 mg / kg
Sweet-sour preserves of fish and marinades of fish, crustaceans and molluscs	200 mg / kg
Butter bread and pastries for dietary	1 g / kg
Dry breakfast cereals with a fiber content of 15% bran or at least 20%, low calorie or no sugar added	1.2 g / kg
Soups with a reduced-calorie	110 mg / l
Cider and perry	350 mg / l
Alcoholic beverages with an alcohol content of less than 15% vol.	350 mg / kg
Drinks containing a mixture of soft drinks and beer or cider, wine, liquors	350 mg / kg
Alcohol-free beer or with an alcohol content not exceeding 1.2% vol .;other types of specialty beer	350 mg / l
"Soft" (breath freshening) mikrokonfety (tablets, lozenges) without added sugar	2.5 g / kg
Waffles and horns with no added sugar for ice cream	2 g / kg
Candy in the form of tablets with a reduced-calorie	500 mg / kg

	Beer with a reduced-calorie	25 mg / l
	Sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, mustard, horseradish grated	350 mg / kg
	Dietary products, including Weight loss	450 mg / kg
	Biologically active food supplements: - Liquid - Solid - Vitamins and minerals in the form of syrups and chewable tablets	 350 mg / kg 500 mg / kg 2 g / kg
Polyhydric alcohols, polyols: maltitol and maltitol syrup (E965), isomalt (E953), mannitol (E421), sorbitol (E420), xylitol (E967), lactitol (E966), erythritol (E968)	Desserts and similar products: a water-based flavored based on milk and milk products, products based on fruit and vegetables, cereal-based, egg-based, fat-based - with a reduced calorie or no sugar added	According to the AP
	Breakfast cereals based on grain products - with a reduced-calorie or no added sugar	According to the AP
	Ice cream (except butter and milk), fruit ice - with a reduced-calorie or no added sugar	According to the AP
	Jam, jam, marmalade, jelly products, sugar glazed fruit, fruit products (except for the manufacture of beverages on fruit-juice-based) - with a reduced-calorie or no added sugar	According to the AP

	Confectionery: candy includingcaramel, cocoa products, without adding sugar	According to the AP
	Confectionery based on dried fruit and starch with a reduced-calorie or no added sugar	According to the AP
	Butter bread and pastries with a reduced-calorie or no added sugar	According to the AP
	Bubble gum	According to the AP
	Sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, mustard, horseradish grated	According to the AP
	Dietary products and biologically active additives to food firm	According to the AP
Neohesperidin dihydrochalcone (E959)	Soft drinks, water-based flavored drinks with juice; nectars, juice drinks; beverages based on milk and milk products without added sugar or with reduced calorie	30 mg / kg
	Desserts flavored, water-based, cereal, fruit, vegetable, dairy, egg and fat-based - no added sugar or with reduced calorie	50 mg / kg
	"Snacks": flavored, ready-to-eat packaged dry spicy foods based on starch and nuts	50 mg / kg
	Confectionery with no added sugar	100 mg / kg
	Pastry with a reduced-calorie or no added sugar:	
	- The starch-based	150 mg / kg
	- Based on cocoa, dried fruits	100 mg / kg
	Spreads, margarine, soft	50 mg / kg
	Chewing gum with no added sugar	400 mg / kg
	"Soft" (breath freshening) mikrokonfety (tablets, lozenges) without	400 mg / kg

added sugar	
Ice cream (except butter and milk), fruit ice with a reduced-calorie or no added sugar	50 mg / kg
Preserved fruits and pasteurized with a reduced-calorie or no added sugar	50 mg / kg
Jams, preserves, jellies, marmalade with a reduced-calorie	50 mg / kg
Products of processing of fruits and vegetables with a reduced-calorie	50 mg / kg
Fruit and vegetable sweet-sour preserves	100 mg / kg
Sweet-sour preserves of fish and marinades of fish, crustaceans and molluscs	30 mg / kg
Butter bread and pastries for dietary	150 mg / kg
Dry breakfast cereals with a fiber content of 15% bran or at least 20%, low calorie or no sugar added	50 mg / kg
Soups with a reduced-calorie	50 mg / kg
Cider and perry	20 mg / l
Alcoholic beverages with an alcohol content of less than 15% vol.	30 mg / kg
Drinks containing a mixture of soft drinks and beer or cider, wine, liquors	30 mg / kg
Alcohol-free beer or with an alcohol content not exceeding 1.2% vol .;other types of specialty beer	10 mg / l
Waffles and horns with no added sugar for ice cream	50 mg / kg
Beer with a reduced-calorie	10 mg / kg
Sauces, sauces based on vegetable oils, mayonnaise, sauces,	50 mg / kg

	mayonnaise, cream on vegetable oils, mustard, horseradish grated	
	Dietary products, including Weight loss	100 mg / kg
Neotame (E961)	Biologically active food supplements: - Liquid - Solid - Vitamins and minerals in the form of syrups and chewable tablets. Soft drinks, water-based flavored, on the basis of fruit juices, milk and milk products without added sugar or with reduced calorie	 50 mg / kg 100 mg / kg 400 mg / kg 20 mg / kg
	Desserts flavored, water-based, cereal, fruit, vegetable, dairy, egg, fat-based, with no added sugar or with reduced calorie	32 mg / kg
	"Snacks": flavored, ready-to-eat packaged dry spicy foods based on starch and nuts	18 mg / kg
	Candy in the form of tablets (pastilles) with reduced calorie	15 mg / kg
	Confectionery with no added sugar	32 mg / kg
	Pastry with a reduced-calorie or no added sugar:	
	based on starch	65 mg / kg
	based on cocoa, dried fruits	65 mg / kg
	Spreads, margarine, soft	32 mg / kg
	Chewing gum with no added sugar	250 mg / kg
	Ice cream (except butter and milk), fruit ice - with a reduced-calorie or no added sugar	26 mg / kg
	Waffles and horns with no added sugar for ice-cream (cream, milk)	60 mg / kg
	Preserved fruits and pasteurized with a reduced-calorie or no added	32 mg / kg

sugar	
Jams, preserves, jellies, marmalade with a reduced-calorie	32 mg / kg
Products of processing of fruits and vegetables with a reduced-calorie	32 mg / kg
Fruit and vegetable sweet-sour preserves	10 mg / kg
Sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, mustard, horseradish grated	12 mg / kg
Sweet-sour preserves of fish and marinades of fish, crustaceans and molluscs	10 mg / kg
Dry breakfast cereals with a fiber content of 15% bran or at least 20% with a reduced calorie or no sugar added	32 mg / kg
Soups with a reduced-calorie	5 mg / l
Alcoholic beverages with an alcohol content of less than 15% vol.	20 mg / l
Cider and perry	20 mg / l
Drinks containing a mixture of soft drinks and beer or cider (apple, pear), wines, liquors	20 mg / l
Alcohol-free beer or with an alcohol content not exceeding 1.2% vol .;other types of specialty beer	20 mg / l
Beer with a reduced-calorie	1 mg / l
"Soft" (breath freshening) mikrokonfety (tablets, lozenges) without added sugar	200 mg / kg
Strongly flavored (throat), the coverings without added sugar	65 mg / kg
Butter bread and pastries for dietary	55 mg / kg
Dietary foods for weight loss	26 mg / kg

	Dietary products, including Weight loss	32 mg / kg
	Biologically active food supplements:	
	liquid	20 mg / kg
	solid	60 mg / kg
	vitamins and minerals in the form of syrups and chewable tablets	185 mg / kg
	Tabletop sweeteners	according to TI
Saccharin and its sodium, potassium and calcium salts (E954) - alone or in combination based on saccharin	Soft drinks, water-based flavored drinks with juice; nectars, juice drinks; beverages based on milk and milk products without added sugar or with reduced calorie	80 mg / kg
	Desserts flavored, water-based, cereal, fruit, vegetable, dairy, egg, fat-based - no added sugar or with reduced calorie	100 mg / kg
	"Snacks": flavored, ready-to-eat packaged dry spicy foods based on starch and nuts	100 mg / kg
	Confectionery with no added sugar	500 mg / kg
	Pastry with a reduced-calorie or no added sugar:	
	- The starch-based	300 mg / kg
	- Based on cocoa, dried fruits	500 mg / kg
	Spreads, margarine, soft	200 mg / kg
	Chewing gum with no added sugar	1.2 g / kg
	Ice cream (except butter and milk), fruit ice with a reduced-calorie or no added sugar	100 mg / kg
	Preserved fruits and pasteurized with a reduced-calorie or no added sugar	200 mg / kg

Jams, preserves, jellies, marmalade with a reduced-calorie	200 mg / kg
Products of processing of fruits and vegetables with a reduced-calorie	200 mg / kg
Fruit and vegetable sweet-sour preserves	160 mg / kg
Sweet-sour preserves of fish and marinades of fish, crustaceans and molluscs	160 mg / kg
Butter bread and pastries for dietary	170 mg / kg
Dry breakfast cereals with a fiber content of 15% bran or at least 20%, low calorie or no sugar added	100 mg / kg
Soups with a reduced-calorie	110 mg / kg
Cider and perry	80 mg / l
Alcoholic beverages with an alcohol content of less than 15% vol.	80 mg / kg
Drinks containing a mixture of soft drinks and beer or cider, wine, liquors	80 mg / kg
Alcohol-free beer or with an alcohol content not exceeding 1.2% vol .;other types of specialty beer	80 mg / l
"Soft" (breath freshening) mikrokonfety (tablets, lozenges) without added sugar	3 g / kg
Waffles and horns with no added sugar for ice cream	800 mg / kg
Mustard	320 mg / kg
Sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils	160 mg / kg
Mustard, horseradish grated	320 mg / kg
Dietary products, including Weight loss	240 mg / kg

	Biologically active food supplements:	
	- Liquid	80 mg / kg
	- Solid	500 mg / kg
	- Vitamins and minerals in the form of syrups and chewable tablets	1.2 g / kg
Steviol glycosides (E960), stevia, leaf powder, syrup, and of these, stevia extracts	Soft drinks water based flavored drinks with juice; nectars, juice napitkt; beverages based on milk and milk products without added sugar or with a reduced-calorie;alcoholic beverages, and bakery products, fruit preparations, dairy products, ice cream, canned fruits and berries, sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils	According to the AP
Sucralose (E955, trihlorgalaktosaharoza)	Soft drinks water based flavored drinks with juice; nectars, juice drinks; beverages based on milk and milk products without added sugar or with reduced calorie	300 mg / kg
	Desserts flavored aqueous based on grain, fruit, vegetable, dairy, egg, fat-based, with no added sugar or with reduced calorie	400 mg / kg
	"Snacks": flavored, ready-to-eat packaged dry spicy foods based on starch and nuts	200 mg / kg
	Confectionery in the form of tablets (pastilles) with a reduced-calorie	200 mg / kg
	Confectionery with no added sugar	1 g / kg
	Pastry with a reduced-calorie or no added sugar: based on starch based on cocoa, dried fruits	 1 g / kg 800 mg / kg
	Spreads, margarine, soft	400 mg / kg

Chewing gum with no added sugar	3 g / kg
Ice cream (except butter and milk), fruit ice - with a reduced-calorie or no added sugar	320 mg / kg
Waffles and horns with no added sugar for ice-cream (cream, milk)	800 mg / kg
Preserved fruits and pasteurized with a reduced-calorie or no added sugar	400 mg / kg
Jams, preserves, jellies, marmalade with a reduced-calorie	400 mg / kg
Products of processing of fruits and vegetables with a reduced-calorie	400 mg / kg
Fruit and vegetable sweet-sour preserves	180 mg / kg
Sauces, sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils	450 mg / kg
Mustard, horseradish grated	320 mg / kg
Mustard	140 mg / kg
Sweet-sour preserves of fish and marinades of fish, crustaceans and molluscs	120 mg / kg
Dry breakfast cereals with a fiber content of 15% bran or at least 20%, low calorie or no sugar added	400 mg / kg
Soups with a reduced-calorie	45 mg / l
Alcoholic beverages with an alcohol content of less than 15% vol.	250 mg / l
Cider and perry	50 mg / l
Drinks containing a mixture of soft drinks and beer or cider (apple, pear), wines, liquors	250 mg / l
Alcohol-free beer or with an alcohol content not exceeding 1.2%	250 mg / l

	vol .;other types of specialty beer	
	Beer with a reduced-calorie	10 mg / l
	"Soft" (breath freshening) mikrokonfety (tablets, lozenges) without added sugar	2.4 g / kg
	Butter bread and pastries for dietary	700 mg / kg
	Dietary products, including Weight loss	320 mg / kg
	Dietary nutritional therapy products	400 mg / kg
	Biologically active food supplements: - Liquid - Solid - Vitamins and minerals in the form of syrups and chewable tablets	 240 mg / kg 800 mg / kg 2.4 g / kg
Thaumatin (E957)	Confectionery with no added sugar	50 mg / kg
	Confectionery based on cocoa and dried fruits with a reduced-calorie or no added sugar	50 mg / kg
	Chewing gum with no added sugar	50 mg / kg
	Ice cream (except milk and cream), fruit ice with a reduced-calorie or no added sugar	50 mg / kg
	Biologically active food supplements: vitamins and minerals in the form of syrups and chewable tablets	400 mg / kg
Cyclamic acid and its salts, sodium and calcium cyclamates (E952) - individually or in combination, based on the acid	Soft drinks, water-based flavored, on the basis of fruit juices, milk and milk products without added sugar or with reduced calorie	250 mg / kg

	Desserts flavored, water-based, cereal, fruit, vegetable, dairy, egg, fat-based - no added sugar or with reduced calorie	250 mg / kg
	Spreads, margarine, soft	500 mg / kg
	Preserved fruits and pasteurized with a reduced-calorie or no added sugar	1 g / kg
	Jams, preserves, marmalade with a reduced-calorie	1 g / kg
	Products of processing of fruits and vegetables with a reduced-calorie	250 mg / kg
	Butter bread and pastries for dietary	1.6 g / kg
	Drinks containing a mixture of soft drinks and beer or cider, wine, liquors	250 mg / kg
	Dietary products including Weight loss	400 mg / kg
	Biologically active food supplements:	
	- Liquid	400 mg / kg
	- Solid	500 mg / kg
	- Vitamins and minerals in the form of syrups and chewable tablets	1.25 g / kg

Note: - The maximum level in the production of aspartame-acesulfame for salt (E962) is set by the content of aspartame (AU) or acesulfame potassium (AC); when used in the manufacture of food products, aspartame-acesulfame salt (E962), alone or in combination with aspartame (E951) and / or acesulfame potassium (E950), the maximum level of the individual sweeteners (E950 and / or E951) should not exceed the standards set for them .

Appendix 14. Hygienic standards applying propellant and packaging gases

Annex 14
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Nitrogen (E941), Argon (E938) Hydrogen (E949) Helium (E939) , nitrous oxide (E 942) Oxygen (E948) Carbon dioxide (E290)	According to the AP	according to TD
Bhutan (E943a) Isobutane (E943b) Propane (E944)	For the sprays - vegetable oils (for industrial use) to spray - water-based emulsions	according to TD

Annex 15. Hygienic Standards application stabilizers, emulsifiers, thickeners and fillers

Annex 15

to the technical regulations "Safety requirements of food additives,

flavorings and processing aids "

(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Agar (E406)	According to the AP	according to TD
	See. Appendix N 12	
Acacia gum	cm. acacia	
Arabinogalactan (E409)	According to the AP	according to TD
Alginic acid (E400) and its salts: Ammonium alginate (E403), potassium alginate (E402), calcium alginate (E404), sodium alginate (E401)	According to the AP	according to TD
	See. Appendix N 12	
Calcium acetate (E263)	According to the AP	according to TD
	See. Annex N 7 , N 8 , N 12	
Gelan gum (E418)	According to the AP	according to TD

Hemicellulose soybean (E426)	Milk-containing beverages	5 g / l
	Biologically active food supplements	1.5 g / l (kg)
	Sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, including emulgirovannnye	30 g / l
	Packaged Viennoiserie	10 g / kg
	Packaged, ready-to-eat oriental noodles	10 g / kg
	Prepackaged, ready-to-eat rice	10 g / kg
	Packaged technologically processed foods from kartfelya and rice, including chilled, frozen and dried	10 g / kg
	Egg products, dried, concentrated, frozen	10 g / kg
	Gelled confectionery, jelly except mini-containers	10 g / kg
Guar gum (E412)	According to the AP	according to TD
	See. Appendix N 12	
Gum arabic (E414)	According to the AP	according to TD
Dioctyl sodium (E480)	Dry mixes for beverages and desserts, containing fumaric acid	10 mg / kg of the finished beverage
		15 mg / kg of the finished dessert
Fatty acids (E570)	According to the AP	according to TD
	See. Appendix N 12	
Fatty acids (myristic, oleic, palmitic, stearic, and mixtures thereof), ammonium, potassium, calcium, magnesium, sodium (E470)	See. Annex 3 N and 12 N	

Isomalt, isomalt (E953) xylitol (E967), lactitol (E966), maltitol and maltitol syrup (E965) mannitol (E421), sorbitol (E420) erythritol (E968)	According to the AP	according to TD
	Food products other than alcoholic beverages	According to TI
	Frozen fish, crustaceans, molluscs and cephalopods	According to TI
	Liqueurs	According to TI
	See. Appendix N 12 and N 13	
Locust bean gum (E410)	According to the AP	according to TD
	See. Appendix N 12	
Cassia gum (E427)	Ice cream, popsicles, popsicles, fermented dairy products, except nearomatizirovanyh containing live starter microorganisms, milk-based desserts, including ice cream and similar products fillings, glazes and coatings for Viennoiserie and desserts, Cream cheese, sauces and salad dressings, soups and broths (concentrates)	2.5 g / kg
	Meat products treated thermally	1.5 g / kg
Karaya gum (E416)	Dry breakfast cereals and potatoes	5 g / kg
	Coatings for nuts	10 g / kg
	Fillings, glazes, finishes buns bakery and pastry products	5 g / kg

	Desserts	6 g / kg
	Sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, including emulgirovannnye	10 g / kg
	Egg Liqueur	10 g / kg
	Bubble gum	5 g / kg
	Biologically active food supplements	according to TD
	Flavours	50 g / kg
Potassium carbonate (E501)	According to the AP	according to TD
	See. Appendix N 7 and N 12	
Carrageenan and its ammonium, potassium and sodium salts including furcelleran (E407), carrageenan from seaweed EUCHEMA (E407a)	According to the AP	according to TD
	See. Appendix N 12	
Kvilayi extract (E999)	Soft drinks flavorings, cider	200 mg / l based on the anhydrous extract
Konjac, Konzhakovaya flour (E425) konzhakovaya gum (E425i), konzhakovy glucomannan (E425ii)	According to the AP	10 g / kg
	See. Appendix N 12	
Modified starches: Dextrin, starch, heat treated, white and yellow (E1400), Acetylated distarch adipate (E1422),	According to the AP	according to TD
	See. Appendix N 12	

dikrahmalfosfat acetylated (E1414), Hydroxypropyl distarch phosphate (E1442), dikrahmalfosfat (E1412), dikrahmalfosfat phosphated (E1413), acetylated starch (E1420), starch acetylated oxidized (E1451), starch, acid-treated (E1401), starch, processed enzymes (E1405), starch, alkali-treated (in 1402), oxidized starch (1404), hydroxypropyl starch (E1440), bleached starch (1403), Starch and of sodium octenyl acid ester (E1450), monokrahmalfosfat (E1410)		
and aluminum starch octenyl succinic acid ester salt (E1452)	Encapsulated vitamin preparations	35 g / kg
Xanthan gum (E415)	According to the AP	according to TD
	See. Appendix N 12	
Lecithin (E322)	According to the AP	according to TD
	See. Appendix N 12	
Mono- and diglycerides of fatty acids (E471)	According to the AP	according to TD
	See. Appendix N 12	

Soap root (Acantophyllum sp.) Extract (decoction)	Confectionery	according to TD
Pectin (E440)	According to the AP	according to TD
	See. Appendix N 12	
Polyvinylpyrrolidone (E1201), polyvinylpolypyrrolidone (E1202)	See. Appendix N 12	
Polydextrose (E1200)	According to the AP	according to TD
	See. Appendix N 12	
Polydimethylsiloxane (E900)	See. Annex 3 N and 12 N	
Polyoxyethylene (esters	Substitutes for milk and cream	5 g / kg
polyoxyethylene sorbitan fatty acid esters, Tween)	Fat emulsions for bakery products	10 g / kg
polyoxyethylene (20) sorbitan monolaurate (E432, Tween 20)	Ice cream (except ice cream, milk and butter), fruit ice	1 g / kg
polyoxyethylene (20) sorbitan monooleate (E433, Tween 80)	Desserts	3 g / kg
polyoxyethylene (20) monopalmitate (E434, Tween 40)	Butter bread and pastry	3 g / kg
polyoxyethylene (20) monostearate (E435, Tween 60)	Sugar confectionery	1 g / kg
polyoxyethylene (20) sorbitan tristearate (E436, Tween 65) - individually or in combination	Bubble gum	5 g / kg
	Sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, including	5 g / kg

	emulsion	
	Soups and broths	1 g / kg
	Dietary products, including weight loss	1 g / kg
	Biologically active food supplements	according to TD
	Flavorings other than liquid based smoking and spices maslosmol	10 g / kg
	Food products containing fragrances and liquid Smokers based spice maslosmol	1 g / kg
	Decorations, including Viennoiserie, decorative coatings (not fruit), sweet sauces	3 g / kg
Polyoxyethylene (8) stearate (E430), polyoxyethylene (40) stearate (E431)	Wine	according to TD
Polyethylene glycol (E1521)	Soft drinks, including specialized	1 g / kg
	Bubble gum	20 g / kg
	Dietary supplements to food in capsules and tablets	10 g / kg
	See. Appendix N 6 and N 12	
Propylene glycol (E405)	Fat emulsion products	3 g / kg
	Ice cream (except ice cream, milk and butter), fruit ice	3 g / kg
	Products of fruits and vegetables, in addition to juice products	5 g / kg
	Sugar confectionery	1.5 g / kg
	Bubble gum	5 g / kg

	Butter bread and pastry	2 g / kg
	Cereals (snacks) cereal and potato-based	3 g / kg
	Soft drinks flavors	300 mg / l
	Beer, cider	100 mg / l
	Liqueurs emulsion	10 g / kg
	Sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, including emulgirovannnye	8 g / kg
	Fillings, glazes, decorative coverings for buns bakery and flour confectionery and desserts	5 g / kg
	Dietary products, including weight loss	1.2 g / kg
	Biologically active food supplements	1 g / kg
	See. Appendix N 12	
Saharoglitseridy (E474) sucrose esters of fatty acids (E473) - individually or in combination	Sterilized cream	5 g / kg
	Milk-based drinks	5 g / l
	Creamer	5 g / kg
	Meat products are thermally treated	5 g / kg in terms of fat
	Fat emulsions for the bakery and pastry products	10 g / kg
	Ice cream (except ice cream, milk and butter), fruit ice	5 g / kg
	Fresh fruits, surface treatment	according to TD
	Sugar confectionery	5 g / kg
	Desserts	5 g / kg

	Whiteners for beverages	20 g / kg
	Butter bread and pastry	10 g / kg
	Bubble gum	10 g / kg
	Soft drinks based on coconut, almond, anise	5 g / kg
	Alcoholic beverages except wine and beer	5 g / kg
	Powders for hot drinks	10 g / kg
	Sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, including emulgirovannnye	10 g / kg
	Soups and broths	2 g / kg
	Liquid canned coffee	1 g / l
	Biologically active food supplements	according to TD
	Dietary products, including weight loss	5 g / kg
	See. Appendix N 5 and N 12	
Atsetatizobutirat sucrose (E444, Sahib)	Soft drinks flavors, turbid	300 mg / l
	Fruit and (or) vegetable juice drinks	300 mg / l
	Alcoholic beverages for flavoring clouded with an alcohol content of less than 15 vol.%	300 mg / l
Licorice root (Glycyrrhiza sp.) Extract	Confectionery	according to TD
Sorbitan esters of fatty acids and sorbitol, Span: corbitan monostearate (E491, SPAN 60) sorbitan tristearate (E492, SPAN 65), sorbitan monolaurate (E493, SPAN 20),	Substitutes for milk and cream	5 g / kg
	Fat emulsions	10 g / kg
	Ice cream (except ice cream, milk and butter), fruit ice (E492 only)	500 mg / kg

sorbitan monooleate (E494, SPAN 80) sorbitan monopalmitate (E495, SPAN 40), individually or in combination		
	Butter bread and pastry	10 g / kg
	Sugar confectionery	5 g / kg
	Cocoa-based candies, chocolate (only E492)	10 g / kg
	Bubble gum	5 g / kg
	Marmalade jelly (E493 only)	25 mg / kg
	Desserts	5 g / kg
	Wines (E491 only)	5 g / kg
	Liquid concentrates of tea, fruit and herbal infusions	500 mg / kg
	Whiteners for beverages	5 g / kg
	Sauces based on vegetable oils, mayonnaise, sauces, mayonnaise, cream on vegetable oils, including emulgirovannnye	5 g / kg
	Fillings, glazes, decorative coverings for buns bakery and confectionery products	5 g / kg
	Yeast for bakery	according to TD
	Dietary products, including weight loss	5 g / kg
	Biologically active food supplements	according to TD
	See. Appendix N 5 and N 12	
Steariltartrat (E483), steariltsitrat (E484) - alone or in combination	Butter bread and pastry	4 g / kg
	Desserts	5 g / kg

	See. Appendix N 5	
Stearoyl-2-lactylate, sodium (E481) Stearoyl-2-lactylate, calcium (E482) individually or in combination	Fat emulsions	10 g / kg
	Bread (special grade)	3 g / kg
	Bakery and pastry	5 g / kg
	Bubble gum	2 g / kg
	Rice noodles	4 g / kg
	Sugar confectionery	5 g / kg
	Desserts	5 g / kg
	Cereals (snacks) based on cereals and potatoes	5 g / kg
	Canned chopped or minced meat	4 g / kg
	Powders for hot drinks	2 g / kg
	Emulsified liqueurs, spirits strength less than 15%	8 g / kg
	Mustard fruit	2 g / kg
	Food products and dietary dietary therapeutic preventive nutrition, including Weight loss	2 g / kg
	See. Appendix N 5	
Tannins food (E181)	According to the AP	according to TD
	See. Appendix N 11	
Tara gum (E417)	According to the AP	according to TD
Sodium tartrates (E335), potassium tartrates (E336), potassium sodium tartrate (E337)	According to the AP	according to TD
	See. Appendix N 7	
Thermally oxidized soya bean oil interacted with mono	Fat emulsion products, fats Frying and cooking	5 g / kg

and diglycerides of fatty acids, TOSOM (E479)		
Tragacanth (E413)	According to the AP	according to TD
	See. Appendix N 12	
Triacetin (E1518, glyceryl triacetate)	Bubble gum	according to TD
	See. Appendix N 12	
Triethyl citrate (E1505)	Dry egg white	according to TD
	Dietary supplements to food in capsules and tablets	3.5 g / kg
	See. Appendix N 12	
Phosphatidic acid ammonium soliton (ammonium phosphatide, E442)	Cocoa and chocolate	10 g / kg
	Cocoa-based candies	10 g / kg
Phosphoric acid (E338) and edible Phosphates: Phosphates: ammonium (E342), potassium (E340) calcium (E341, 542) magnesium (E343), sodium (E339) Pyrophosphate (E450) triphosphate (E451) Polyphosphates (E452) - phosphate added alone or	Sterilized milk	1 g / l
	Concentrated milk having a solids content of less than 28%	1 g / l
	Concentrated milk having a solids content of more than 28%	1.5 g / l
	Milk powder and skimmed	2.5 g / l
	Cream pasteurized, sterilized	5 g / l
	Whipped cream and vegetable fat replacers on	5 g / l
	Young cheeses (except Mozzarella)	2 g / kg

in combination, based on	Cheese and their substitutes	20 g / kg
	Milk-based beverages, chocolate and barley	2 g / kg
	Oil kisloslivochnoe	2 g / kg
	Spreads and margarines	5 g / kg
	Ice cream (except ice cream, milk and butter), fruit ice	1 g / kg
	Desserts, including dairy-based (cream)	3 g / kg
	Desserts, dry mix powder	7 g / kg
	Products made of fruit, candied fruit	800 mg / kg
	Products potato processing, including frozen, chilled and dried	5 g / kg
	Processed potato products, including frozen, chilled and dried and roasted potatoes previously frozen	5 g / kg
	Bakery and pastry	20 g / kg
	Sugar confectionery	5 g / kg
	Powdered sugar	10 g / kg
	Bubble gum	according to TD
	Flour	2.5 g / kg
	Dry mixtures based on flour with sugar, baking powder for baking muffins, cakes, pancakes, etc.	20 g / kg
	Pasta: Noodles	2 g / kg
	Batter	12 g / kg

Cereal products produced by extrusion technology, dry breakfasts	5 g / kg
Food dry shaped powder	10 g / kg
Specialty foods	5 g / kg
Meat products, with the exception of raw ground beef and	Phosphate added 3 g per 1 kg of raw meat 8 g total (natural + added) phosphate per 1 kg of raw meat
Fish fillets, raw, ice cream	5 g / kg of added phosphate 10 g / kg of total (natural + added) phosphate
Shellfish (treated and untreated), frozen	Added 5 g of phosphate per 1 kg of raw shellfish total 10 g (natural + added) phosphate per 1 kg of raw shellfish
Minced fish "surimi"	1 g / kg
Fish and shrimp paste	5 g / kg
Minced fish ice cream and articles thereof	Added 5 g of phosphate per 1 kg of fish raw material 10 g total (natural + added) phosphate per 1 kg of fish raw material
Canned shellfish	Adding phosphate 1 g per 1 kg of raw shellfish
Products, liquid egg (egg products, protein, yolk)	10 g / kg
Sauces based on vegetable oils, mayonnaise, sauces,	5 g / kg

	mayonnaise, cream on vegetable oils, including emulsion	
	Soups and broths (concentrates)	3 g / kg
	Opacifiers for drinks	30 g / l
	Specialized sports drinks, artificially mineralized soft drinks	500 mg / l
	Beverages based on vegetable proteins	20 g / l
	Alcoholic beverages (except wine and beer)	1 g / l
	Tea and herbal teas, dry, instant	2 g / kg
	Salt and sole substitutes	10 g / kg
	Syrups (decorative coatings) for flavored milk shakes, ice cream, syrups for pancakes, crepes, cakes	3 g / kg
	Glaze for meat and vegetable products	4 g / kg
	Biologically active food supplements	according to TD
	Soft drinks, flavored	700 mg / l
	Flavours	40 g / kg
	Whey protein for the production of sports drinks	4 g / kg
Furcelleran	See. Carrageenan	
Chitosan hydrochloride hitozoniya	According to the AP	according to TD
Cellulose: microcrystalline cellulose (E460i)	According to the AP	according to TD
Cellulose powder (E460ii) modified cellulose: hydroxypropyl methylcellulose	See. Appendix N 12	

(E464), hydroxypropyl cellulose (E463), carboxymethylcellulose (CMC), vine karboksimetiltsellyu-sodium salt, cellulose gum (E466), carboxymethylcellulose fermented, fermented cellulose gum (E469), methyl cellulose (E461) , methylethyl (E465), ethyl hydroxyethyl cellulose (E467), ethyl cellulose (E462)		
kroskaramelloza (carboxymethylcellulose sodium salt krossvyazannaya), E468	Biologically active food supplements solid consistency	30 g / kg
	See. Appendix N 12	
beta-cyclodextrin (E459)	Food tablets (tablet form)	according to TD
	Bubble gum	20 g / kg
	Flavored soft drinks, including specialized	500 mg / kg
	Snacks (cereal) based on cereals, potatoes and other vegetables and herbs	500 mg / kg
	Encapsulated flavors: - In flavored teas and flavored powdered instant drinks (ready-to-eat or restored in accordance with the manufacturer's instructions)	500 mg / kg

	- In flavored snacks, breakfast cereals (ready-to-eat or restored in accordance with the manufacturer's instructions)	1 g / kg
	See. Appendix N 6 and N 12	
Potassium citrate (E332)	According to the AP	according to TD
calcium citrate (E333), sodium citrate (E331)	See. Appendix N 7	
Glycerol esters of tartaric, acetic and fatty acids (E472f)	According to the AP	according to TD
diacetyl tartaric esters of glycerol and fatty acids (E472e), glyceryl esters of fatty acids and citric (E472s) and lactic esters of glycerol and fatty acids (E472b), and acetic esters of glycerine and fatty acids (E472a), esters of mono- and diglycerides of fatty acid and tartaric acid (E472d)	See. Appendix N 12	
Glycerol esters of resin acids (E445)	Soft drinks flavors turbid	100 mg / kg
	Fruit and (or) vegetable juice drinks	100 mg / kg
	Citrus fruits, surface treatment	50 mg / kg
	Alcoholic beverages clouded	100 mg / kg
Polyglycerol esters of fatty acids (E475)	Substitutes for milk and cream	5 g / kg
	Fat emulsions	5 g / kg
	Sugar confectionery	2 g / kg
	Bubble gum	5 g / kg
	Bakery and pastry	10 g / kg
	Desserts	2 g / kg

	Egg Products	1 g / kg
	Whiteners for beverages	500 mg / kg
	Liqueurs emulsified	5 g / kg
	Granular breakfast cereal	10 g / kg
	Dietary products, including weight control	5 g / kg
	Biologically active food supplements	according to TD
	See. Appendix N 12	
Polyglycerol esters and inter-esterified risin acids (Poliglitserinpoliritsinolyat, E476)	Margarines and spreads with a fat content of less than 41% and	4 g / kg
	Dressing, seasoning	4 g / kg
	Gelled desserts	4 g / kg
	Sugar confectionery based on cocoa and chocolate, chocolate glaze	5 g / kg
Propylene glycol esters of fatty acid (E477)	Substitutes for milk and cream	5 g / kg
	Fat emulsions for the bakery and pastry products	10 g / kg
	Ice cream (except ice cream, milk and butter), fruit ice	3 g / kg
	Whiteners for beverages	1 g / kg
	Desserts	5 g / kg
	Sugar confectionery	5 g / kg
	Biscuit and bakery products	5 g / kg
	Whipped dessert decorative coatings, except milk and cream	30 g / kg

	Dietary products, including weight loss	1 g / kg
Sucrose esters of fatty acids (E473)	See. Sugar Glycerides (E474)	
Sorbitan esters of fatty acids, Span (E491- E495)	See. Sorbitan	

Note: - For agar (E406), alginic acid and its salts, alginates (E400-E404), arabinogalactan (E409), pectin (E440), guar gums for (E412), carob (E410), konjac (E425, 425i, E425ii) gum arabic (E414), carrageenan (E407, E407a), xanthan (E415), tragacanth (413), packaging (E417), gelan (E418) - in addition to the production of jelly mini-packages (batch jelly) and jellies; - guar gums for (E412), carob (E410), konjac (E425, 425i, E425ii) and xanthan (E415), packaging (E417) - except for the production of ready-to-eat dried (dehydrated) food products, which may be reduced if swallowed; - When using do not as a sweetener - for food products except non-alcoholic beverages and food products referred to in paragraph 16, p.p.a).

Appendix 16. Hygienic standards applying flavor enhancer

Annex 16
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Aspartame (E951)	Chewing gum with sugar	2.5 g / kg
	See. Appendix N 13	
Acesulfame potassium (E950)	Chewing gum with sugar	800 mg / kg
	See. Appendix N 13	

Zinc acetate (E650)	Bubble gum	1 g / kg
Glycine and its sodium salt (E640)	According to the AP	according to TD
Glutamic acid (E620) and its salts glutamates: ammonium (E624), potassium (E622), calcium (E623), magnesium (E625), sodium (E621) - individually or in combination in terms of glutamic acid	Food	10 g / kg
	Condiments and seasonings	according to TD
Guanylic acid (E626) potassium guanylate (E628), calcium guanylate (E629), sodium guanylate (E627), inosinic acid (E630) , potassium inosinate (E632), calcium inosinate (E633), sodium inosinate (E631) 5-ribonucleotide calcium (E634) 5 -ribo nucleotides sodium 2-substituted (E635) - individually or in combination, for inosinate and guanylate - based on the corresponding acid	Food products	500 mg / kg
	Condiments and seasonings	according to TD
Urea (E927b, urea)	Chewing gum with no added sugar	30 g / kg

Maltol (E636), etilmaltol (E637)	Flavours	according to TD
Neohesperidin dihydrochalcone (E959)	Chewing gum with sugar	150 mg / kg
	Spreads and margarines	5 mg / kg
	Meat products	5 mg / kg
	Fruit jelly (marmalade)	5 mg / kg
	Vegetable proteins	5 mg / kg
	See. Appendix N 13	
Neotame (E961)	Soft drinks, water-based flavored, on the basis of fruit juices, milk and milk products without added sugar or with reduced calorie	2 mg / l
	"Snacks": flavored and ready to eat, packed, dry, spicy starchy products and coated nuts	2 mg / l
	Confectionery based on a starch with reduced calorie or no sugar added	3 mg / l
	Micro breath freshening sweets with no added sugar	3 mg / l
	Flavored lozenges for the throat with no added sugar	3 mg / l
	Chewing gum with sugar	3 mg / l
	Jams, jellies and marmalades with a reduced-calorie	2 mg / l
	Sauces	2 mg / l
	Dietary food supplements (liquid and powder); Biologically active food supplements: vitamins and minerals in the form of syrups and	2 mg / l

	chewable tablets	
Thaumatin (E957)	Chewing gum with sugar	10 mg / kg
	Desserts	5 mg / kg
	Soft drinks flavors	0.5 mg / l
	See. Appendix N 13	

Note: - The use of aspartame, potassium acesulfame, neohesperidin dihydrochalcone, thaumatin, neotame and only as a flavor enhancer; in the case of combined use of food additives in the manufacture of chewing gum their maximum levels should be reduced proportionally, i.e. total weight (expressed in% of the maximum levels of certain substances) should not exceed 100%.

Appendix 17. Hygienic standards applying clamps (stabilizers) color

Annex 17
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Food Additive (Index E)	Food products	The maximum level of production in
Ascorbic acid (E300) and its salts ascorbates:	According to the AP	according to TD
Potassium (E303), calcium (E302), sodium (E301)	See. Appendix N 4 and N 5	

Magnesium hydroxide (E528), magnesium carbonate (E504)	According to the AP	according to TD
	See. Appendix N 7	
Isoascorbic (erythorbic) acid (E315) izoaskorbat sodium (E316)	Soft drinks, alcoholic	according to TD
	See. Appendix N 4	
Potassium nitrate (E252), sodium nitrate (E251)	See. Appendix N 8	
Potassium nitrite (E249), sodium nitrite (E250)	See. Appendix N 8	
Iron lactate (E585), ferric gluconate (E579)	Olives (for the purpose of browning by oxidation)	150 mg / kg in terms of Fe

Appendix 18. Food products, for which there are as a list of food additives used "according to the AP," and permissible levels of their application

Annex 18
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
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Food products	Food Additive (Index E)	The maximum level of production in
Cocoa products and chocolate	Citric acid (E330)	5 g / kg
	Lecithins, phosphatides (E322)	according to TD
	Tartaric acid (E334)	5 g / kg
	Glycerol (422)	according to TD
	Mono- and diglycerides of fatty acids (E471)	according to TD

	Esters of citric acid and glycerol and fatty acids (E472s)	according to TD
	Calcium carbonate (E170), sodium carbonate (E500), potassium carbonate (E501), ammonium carbonate (E503), magnesium carbonate (E504) Sodium hydroxide (E524) Potassium hydroxide (E525) Calcium hydroxide (E526) Ammonium hydroxide (E527) Magnesium hydroxide (E528) Magnesium oxide (E530)	70 g / kg of skimmed material based on calcium carbonates
	Gum arabic (E414) Pectin (E440) (only when used as coating agents)	according to TD
Fruit juices	Citric acid (E330)	3 g / l
	Ascorbic acid (E300)	according to TD
	Malic acid (E296) - pineapple juice	3 g / l
	Tartaric acid (E334)	4 g / l
	Pectin (E440) - pineapple juice and passion fruit juice	3 g / l
	Calcium carbonate (E170) and potassium tartrate (E336) - grape juice	according to TD
Nectars	Citric acid (E330)	5 g / l

	Ascorbic acid (E300)	according to TD
	Lactic acid (E270)	5 g / l
	Tartaric acid (E334)	4 g / l
	Pectin (E440) - for pineapple nectar and nectar passion fruit	3 g / l
Jams and jellies, marmelades and similar spreads including low-calorie	Pectin (E440) Lactic acid (E270) Malic acid (E296) Ascorbic acid (E300) Calcium Lactate (E327) Citric acid (E330), sodium citrate (E331), calcium citrate (E333) Tartaric acid (E334), sodium tartrate (E335) Moletai sodium (E350)	according to TD
	Alginic acid (E400) , sodium alginate (E401) , potassium alginate (E402) , ammonium alginate (E403) , calcium alginate (E404) Agar (E406), carrageenan and its sodium, potassium, ammonium	10 g / kg alone or in combination

	salts, including furcelleran (E407), guar gum (E410) Guar gum (E412) Xanthan gum (E415) Gellan gum (E418)	
	Mono- and diglycerides of fatty acids (E471) , calcium chloride (E509) , sodium hydroxide (E524)	according to TD
Stewed fruit	Sodium citrate (E331) potassium citrate (E332) Pectin (E440) - except for apple compote Calcium chloride (E509)	according to TD
Powdered milk	Sodium ascorbate (E301) Ascorbic acid (E300) Ascorbyl palmitate (E304i) ascorbyl stearate (E304ii) lecithin phosphatide (E322), sodium citrate (E331) , potassium citrate (E332), carrageenan and its sodium, potassium, amoniynaya salts including furcelleran (E407) Carbonates Sodium (E500), potassium carbonate (E501)	according to TD

	, calcium chloride (E509)	
Pasteurized cream	Sodium alginate (E401) , potassium alginate (E402), carrageenan and its sodium, potassium, amoniynaya salts including furcelleran (E407), sodium carboxymethyl cellulose (E466), mono- and diglycerides of fatty acids (E471)	according to TD
Raw fruits and vegetables: frozen, ready-to-eat packaged chilled, peeled potatoes packaged	Ascorbic acid (E300) , sodium ascorbate (E301), calcium ascorbate (E302) Citric acid (E330) Malic acid (E296) - only for peeled potatoes	according to TD
Untreated fish, crustaceans and molluscs, including frozen	Calcium citrate (E333)	according to TD
Rice noodles	Mono- and diglycerides of fatty acids (E471), acetic esters of glycerine and fatty acids (E472a)	according to TD
Emulsified vegetable and animal oils and fats (excluding vegetable oils, obtained by pressing and olive oil)	Lactic acid (E270) Ascorbic acid (E300) Ascorbyl palmitate (E304i) ascorbyl (E304ii) Concentrate mixed tocopherols (E306), alpha-tocopherol (E307) Gamma-tocopherol synthetic (E308)	according to TD

	synthetic delta-tocopherol (E309)	
	Lecithins (322)	30 g / l
	Citric acid (E330), sodium citrate (E331) potassium citrate (E332), calcium citrate (E333)	according to TD
	Mono- and diglycerides of fatty acids (E471)	10 g / l
	Esters of citric acid and glycerol and fatty acids (E472s)	according to TD
Refined olive oil, including olive oil, fertilizer	Alpha-tocopherol (E307)	200 mg / kg
Mature cheeses, including sliced and grated	Calcium carbonate (E170), magnesium carbonate (E504) Calcium chloride (E509) Glucono-delta-lactone (E575) Cellulose (460) - for sliced and grated mature cheese Sodium bicarbonate (E500ii) - only for sour milk cheese	according to TD
Cheese whey	Acetic acid (E260) Lactic acid (E270) Citric acid (E330) Cellulose powder (E460ii) - only for grated and sliced cheese Glucono-delta-lactone (E575)	according to TD
Fruits and vegetables, canned and pasteurized	Acetic acid (E260),	according to TD

	potassium acetate (E261), sodium acetate (E262), calcium acetate (E263) Malic acid (E296) Ascorbic acid (E300) , sodium ascorbate (E301), calcium ascorbate (E302) Lactic acid (E270) Sodium Lactate (E325) Potassium lactate (E326) Calcium Lactate (E327) Citric acid (E330), sodium citrate (E331) potassium citrate (E332), calcium citrate (E333) Tartaric acid (E334), sodium tartrate (E335) potassium tartrate (E336) potassium sodium tartrate (E337) Calcium chloride (E509) Glucono-delta-lactone (E575)	
Minced meat and minced meat raw, packed	Potassium acetate (E261), sodium acetate (E262) Ascorbic acid (E300)	according to TD

	, sodium ascorbate (E301), calcium ascorbate (E302) Sodium Lactate (E325) Potassium lactate (E326) Citric acid (E330), sodium citrate (E331) potassium citrate (E332) Calcium citrate (E333)	
Bread	Acetic acid (E260), potassium acetate (E261), sodium acetate (E262), calcium acetate (E263) Ascorbic acid (E300) , sodium ascorbate (E301), calcium ascorbate (E302) Ascorbyl palmitate (E304i) ascorbyl (E304ii) lecithin, phosphatides (E322) Lactic acid (E270) Sodium Lactate (E325) Potassium lactate (E326) , calcium lactate (E327), mono- and diglycerides of fatty acids (E471), acetic esters of glycerine and fatty acids (E472a)	according to TD

	, and esters of mono- and diglycerides of fatty acids, tartaric acid (E472d) and diacetyl tartaric esters of glycerol and fatty acids (E472e) mixed esters of glycerol and tartaric, acetic and fatty acids (E472f)	
Fresh Pasta	Lactic acid (E270) Ascorbic acid (E300) , sodium ascorbate (E301), lecithins, phosphatides (E322), Citric Acid (E330), tartaric acid (E334), mono- and diglycerides of fatty acids (E471) Glucono-delta-lactone (E575)	according to TD
Pasta made of soft wheat	Lactic acid (E270) Ascorbic acid (E300) , sodium ascorbate (E301), lecithin, phosphatides (E322) Citric acid (E330) Tartaric acid (E334), mono- and diglycerides of fatty acids (E471) Glucono-delta-lactone (E575)	according to TD
	Guar gum (E412)	7.5 g / kg flour alone or in combination

	Xanthan gum (E415)	
	Dextrins (E1400)	30 g / kg flour
	Sodium citrate (E331)	1 g / kg flour
Beer	Lactic acid (E270) Ascorbic acid (E300) , sodium ascorbate (E301) Citric acid (E330) Gum arabic (E414)	according to TD
Kisloslivochnoe oil	Sodium carbonate (E500)	according to TD
Goat's milk, ultra high temperature treated	Sodium citrate (E331)	4 g / l
Chestnuts in syrup	Locust bean gum (E410) Guar gum (E412) Xanthan gum (E415)	according to TD
Flavored cream, fermented foods containing live starter microorganisms or equivalent products having a fat content of less than 20%	Agar (E406), carrageenan (E407), locust bean gum (E410) Guar gum (E412) Xanthan gum (E415) Pectin (E440) Cellulose (E460), carboxymethyl cellulose (E466), mono- and diglycerides of fatty acids (E471) Starch oxidized (E1404)	according to TD

	Monokrahmalfosfat (E1410) Dikrahmalfosfat (E1412) phosphated dikrahmalfosfat (E1413) Dikrahmalfosfat acetylated (E1414) acetylated starch (E1420) Acetylated distarch adipate (E1422) hydroxypropyl starch (E1440) Hydroxypropyl distarch phosphate (E1442) starch ether and sodium octenyl acid (E1450) acetylated starch oxidized (E1451)	

Appendix 19. List of flavoring chemical substances permitted for use in food flavorings

Annex 19
to the technical regulations "Safety requirements of food additives,
flavorings and processing aids "
(TR CU 029/2012)

Ru N	FE M AN	CE N	CAS	Russian name	English title	Synonyms; systematic name
01,001	2633	491	138-86-3	Limonene	Limonene	18 (9) -p-Menthadiene; p-Mentha-1,8-diene; 1-Methyl-4-isopropenyl-1cyclohexene; Dipentene; Carvene;Cinene; Citrene;
01,002	2356	620	99-87-6	1-Isopropyl-4-	L-Isopropyl-4-	p-Cymene; Cymene; p-methyl-isopropylbenzene; 4-isopropyl-1-m

				methylbenzene	methylbenzene	ethylbenzene; Cymol; 4-Methyl-1-isopropylbenzene; 1-Methyl-4-isopropylbenzene;
01,003	2903	2114	127-91-3	Pin-2 (10) -en	Pin-2 (10) -ene	beta-Pinene; 6,6-Dimethyl-2-methylenebicyclo [3.1.1] heptane
01,004	2902	2113	80-56-8	Pin-2 (3) -en	Pin-2 (3) -ene	alpha-Pinene; 2,6,6-Trimethyl-bicyclo [3.1.1] hept-2-ene
01,005	3046	2115	586-62-9	Terpinol	Terpinolene	p-Menth-14 (8) -diene; 1Methyl-4-isopropylidene-1-cyclohexene; 1.4 (8) -Terpadiene; p-Mentha-14 (8) -diene
01,006	2856	2117	99-83-2	alpha-phellandrene	alpha-Phellandrene	Phellandrene; 2-Methyl-5-isopropyl-1,3-cyclohexadiene; 4-isopropy 1-1-methyl-15-cyclohexadiene; p-Mentha-1,5-diene
01,007	2252	2118	87-44-5	beta-caryophyllene	beta-Caryophyllene	Caryophyllene; 2-Methylene-6,10,10-trimethylbicyclo- [7,2,0] -undec-5-ene; 4,11,11-Trimethyl-8-methylene-bicyclo [7.2.0] undec-4 (trans) -ene
01,008	2762	2197	123-35-3	Myrcene	Myrcene	7-Methyl-3-methylene-1,6-octadiene; 7-Methyl-3-methyleneocta-1,6-diene
01,009	2229	2227	79-92-5	Camphene	Camphene	3,3-Dimethyl-2-methylenenorcamphene; 2,2-Dimethyl-3-methylenenorbornane;
01,010	3144	2260	1195-32-0	Izopropenil- 1-4-methylbenzene	L-Isopropenyl-4-methylbenzene	4, alpha-Dimethylstyrene; p-Isopropenyl toluene; 1-Methyl-4-isopropenyl benzene; 2-p-tolyl propene;
01,011	3186	2292	644-08-6	4-Methyl-1,1'-biphenyl	4-Methyl-1,1' biphenyl	p-Methyldiphenyl; p-Methylphenylbenzene; Phenyl-p-tolyl; p-Phenyl-toluene;
01,013	3129	10978	92-52-4	Biphenyl	Biphenyl	Diphenyl; Phenylbenzene;
01,014	3193	11009	90-12-0	1-methylnaphthalene	1-Methylnaphthalene	alpha-Methylnaphthalene;
01,015	3233	11022	100-42-5	Vinylbenzene	Vinylbenzene	Styrene; Vinylbenzol;Phenylethene; Phenylethylene;

01,016	3331	10979	495-62-5	1.4 (8) 12 Bisabolatrien	1.4 (8), 12 Bisabolatriene	gamma Bisabolene; gamma-Bisabolene; 1-Methyl-4-(1,5-dimethyl-1,4-hexadienyl) -1-cyclohexene; 6-Methyl-2-(4-methylcyclohex-3-enylidene) hept-5-ene
01,017	3443	11030	4630-07-3	Valencia	Valencene	1,2,3,5,6,7,8a-Octahydro-1,8a-dimethyl-7-isopropenyl napthalene;1,2-Dimethyl-9-isopropylene-bicyclo [4.4.0] dec-5-ene
01,018	3539	11015	13877-91-3	beta Ocimene	beta-Ocimene	trans-beta-ocimene; 1,3,6-octatriene, 3,7-dimethyl-; 3,7-Dimethylocta-1,3 (trans), 6-triene
01,019	3558	11023	99-86-5	alpha-terpinene	alpha-Terpinene	1-Methyl-4-isopropyl-1,3-cyclohexadiene; p-Mentha-1,3-diene
01,020	3559	11025	99-85-4	gamma-terpinene	gamma-Terpinene	1-Methyl-4-isopropyl-1,4-cyclohexadiene; Moslene;Crithmene; p-Mentha-1,4-diene
01,021		10982	29350-73-0	Delta Kadin	delta-Cadinene	alpha-, beta-, gamma, epsilon, delta-Cadiene; 2,3,4,7,8,10-hexahydro-1,6-dimethyl-4-isopropylnapthalene
01,022		10985	469-61-4	alpha-peel	alpha-Cedrene	2,6,6,8-Tetramethyl-tricyclo [5.3.1.0 (1.5)] undec-8-ene
01,023		11003	3691-12-1	1 (5), 11 Gvayadien	1 (5), 11-Guaiadiene	1,4-Dimethyl-7-isopropenyl-delta-9,10-octahydroazulene; alpha-Guaiene; 2,8-Dimethyl-5-isopropenyl-bicyclo [5.3.0] dec-1 (7) -ene
01,024		11931	5208-59-3	beta-Bourbon	beta-Bourbonene	2-Methyl-8-methylene-5-isopropyl-tricyclo [5.3.0.0 (2.6)] decane
01,029	3821	10983	13466-78-9	delta-3-Karen	delta-3-Carene	3-Carene; Isodiprene; d-3-Carene;Car-3-ene; 4,7,7-Trimethyl-3-norcarene; 3,7,7-Trimethylbicyclo [4,1,0] hept-3-ene; 3,7,7-trimethyl-bicyclo- [4.1.0] hept-3-ene
01,030		10989	13744-15-5	beta cubeb	beta-Cubebene	10-Methyl-4-methylene-7-isopropyl-tricyclo [4.4.0.0 (1.5)] decane
01,036		11847	101-81-5	Diphenylmethane	Diphenylmethane	Benzylbenzene; Phenylbenzyl; 1,1'-methylenebis-benzene;
01,037		10992	112-41-4	Dodec-1-ene	Dodec-1-ene	1-Dodecene; Dodecylene;

01,039		10996	20307-84-0	delta-El	delta-Elemene	3-Isopropenyl-1-isopropyl-4-methyl-4-vinylcyclohex-1-ene
01.040	3839	10998	502-61-4	alpha-Farnese	alpha-Famesene	1,3,6,10-Dodecatetraene, 3,7,11-trimethyl (alpha-isomer); 3,7,11-Trimethyldodeca-1,3,6,10-tetraene
01,041	3839	10999	18794-84-8	beta-Farnese	beta-Farnesene	3,7,11-Trimethyl-1,3,6,10-dodecatetraene; 2,6,10-Trimethyl-2,6,9,11-dodecatetrene; 7,11-Dimethyl-3-methylene-1,6,10-dodecatriene
01,043		11004	6753-98-6	3,7,10-Gumulatrien	3,7,10-Humulatriene	alpha-Humulene; Alpha-Caryophyllene; 1,5,5,8-Tetramethylcycloundeca-3,7,10-triene
01,045	2633	491	5989-27-5	d-Limonene	d-Limonene	p-Mentha-1,8-diene
01,046	2633	491	5989-54-8	1 lemon	1-Limonene	Levo-Limonene;
01,051		11010	91-57-6	2-methyl anthranilate	2-Methylnaphthalene	Beta-methyl naphtalenes; beta-methylnaphthalene;
01,052		11011	10208-80-7	alpha Muurolen	alpha-Muurolene	2,8-Dimethylene-5-isopropyl-bicyclo [4.4.0] decane
01,053		11014	91-20-3	Naphthalene	Naphthalene	Naphthene; Champhor tar;
01,055		11017	555-10-2	beta-phellandrene	beta-Phellandrene	p-Mentha-1 (7), 2-diene
01,059		11018	3387-41-5	4 (10) -Tuyen	4 (10) -Thujene	4-Methylene-1-isopropyl-bicyclo [3.1.0] hexane
01,061	3795		16356-11-9	Undeca-1,3,5-triene	Undeca-1,3,5-triene	
01,065	2856	2117	4221-98-1	(R) -5- (1-methylethyl) -2-methyl-1,3-cyclohexadiene	(R) -5- (1-methylethyl) -2-methyl-1,3 cyclohexadiene	
01,070	4293		111-66-0	1-octene	1-Octene	
02,001	2179	49	78-83-1	2-methylpropan-1-ol	2-Methylpropan-1-ol	Isobutanol; Isopropyl carbinol;

02,002	2928	50	71-23-8	Propan-1-ol	Propan-1-ol	Propylic alcohol;
02,003	2057	51	123-51-3	Isopentanol	Isopentanol	Isoamyl alcohol; Isopentyl alcohol;Amyl iso alcohol; 3-Methyl-1-butanol; Pentyl iso alcohol; Isobutyl carbinol; 3-Methylbutan-1-ol
02,004	2178	52	71-36-3	Butan-1-ol	Butan-1-ol	Propyl carbinol; Hydroxybutane;Butyric alcohol;
02,005	2567	53	111-27-3	Hexan-1-ol	Hexan-1-ol	Alcohol C-6; n-Hexyl alcohol;Caproic alcohol; Amyl carbinol; n-Hexanol;
02,006	2800	54	111-87-5	Octan-1-ol	Octan-1-ol	Alcohol C-8; n-Octyl alcohol; Heptyl carbinol; Caprylic alcohol; Capryl alcohol; pri.-Octyl alcohol;
02,007	2789	55	143-08-8	Nonane-1-ol	Nonan-1-ol	Alcohol C-9; Pelargonic alcohol;Nonanol; Octyl carbinol; Pelargonic alcohol; n-Nonyl alcohol;
02,008	2617	56	112-53-8	Dodecane-1-ol	Dodecan-1-ol	Alcohol C-12; Lauryl alcohol; Lauric alcohol; Dodecyl alcohol; 1-Dodecanol; Undecyl carbinol;
02,009	2554	57	36653-82-4	Hexadecane-1-ol	Hexadecan-1-ol	Cetyl alcohol; Alcohol C-16; n-hexadecyl alcohol; Palmityl alcohol;
02,010	2137	58	100-51-6	Benzyl alcohol	Benzyl alcohol	alpha-Hydroxytoluene; Phenyl carbinol; Phenylmethanol;Phenylmethyl alcohol;
02,011	2309	59	106-22-9	Citronellol	Citronellol	3,7-Dimethyloct-6-en-1-ol
02.012	2507	60	106-24-1	Geraniol	Geraniol	2,6-Dimethyl-2,6-octadien-8-ol;trans-3,7-Dimethyl-2,6-octadien-1-ol; 3,7-Dimethylocta-2 (trans), 6-dien-1-ol
02,013	2635	61	78-70-6	Linalool	Linalool	2,6-Dimethyl-octadien-2,7-ol-6; 2,6-Dimethyl-2,7-octadien-6-ol; Linalol;Licareol; Coriandrol; 3,7-Dimethylocta-1,6-dien-3-ol
02,014	3045	62	98-55-5	alpha-terpineol	alpha-Terpineol	alpha-Terpineol; 1-Methyl-4-isopropyl-1-cyclohexen-8-ol; alpha-

						Terpineol; Terpineol schlechthin .;p-Menth-1-en-8-ol
02,015	2665	63	89-78-1	Menthol	Menthol	2-Isopropyl-5-methylcyclohexanol;Hexahydrothymol; 5-Methyl-2 -isopropylhexahydrophenol; 5-Methyl-2-isopropylcyclohexanol; ci s (1,3) -trans (1,4) -Menthan-3-ol
02,016	2157	64	507-70-0	Borneol	Borneol	Camphol; Baros; d-Camphanol; 2-Hydroxycamphane; 2-Camphan ol;Bornyl alcohol; Borneocamphor;1,7,7-Trimethyl-bicyclo [2.2.1] heptan-2-ol
02,017	2294	65	104-54-1	Cinnamic alcohol	Cinnamyl alcohol	Cinnamic alcohol; gamma-Phenylallyl alcohol; 3-Phenyl-2-propen-1-ol; 2-Propen-1-ol, -3-phenyl; 3-Phenylprop-2-enol
02,018	2772	67	7212-44-4	Nerolidol	Nerolidol	3,7,11-Trimethyl-1,6,10-dodecatrien-3-ol; Peruviol;Dodecatrien; Melaleucol; 3,7,11-Trimethyl-1,6 (cis), 10-dodecatrien-3-ol
02,019	2858	68	12/08/60	2-phenylethane-1-ol	2-Phenylethan-1-ol	Phenethyl alcohol; beta-Phenethyl alcohol; 1-Phenyl-2-ethanol; 2-Phenylethyl alcohol; Benzyl carbinol;
02,020	2562	69	2305-21-7	Hex-2-en-1-ol	Hex-2-en-1-ol	2-Hexenol; 3-Propylallyl alcohol;
02,021	2548	70	111-70-6	Heptan-1-ol	Heptan-1-ol	Heptyl alcohol; Alcohol C-7;Hydroxyheptane; Enanthyl alcohol;Enanthic alcohol; pri.Heptyl alcohol;Hexyl carbinol; Hydroxyheptane;
02,022	2801	71	123-96-6	Octan-2-ol	Octan-2-ol	Octyl alcohol sec .; Methyl hexyl carbinol; Capryl alcohol sec .; Hexyl methyl carbinol;
02,023	2805	72	3391-86-4	Oct-1-ene-3-ol	Oct-1-en-3-ol	Amyl vinyl carbinol;(Amylvinylcarbinol); Matsutake alcohol; Matsuka alcohol; n-Pentyl vinyl carbinol;

02,024	2365	73	112-30-1	Decan-1-ol	Decan-1-ol	Alcohol C-10; n-Decyl alcohol;Nonylacarbinol; Decylic alcohol;Capric alcohol;
02,026	2391	75	106-21-8	3,7 Dimetiloktan-1-ol	3,7 Dimethyloctan-1-ol	Tetrahydrogeraniol;Dihydrocitronellol;
02,027	2980	76	6812-78-8	Rodinol	Rhodinol	alpha-Citronellol; 2,6-Dimethyl-1-octen-8-ol; 3,7-Dimethyloct-7-en-1-ol
02,028	3060	77	78-69-3	3,7 Dimetiloktan-3-ol	3,7 Dimethyloctan-3-ol	Tetrahydrolinalool;Tetrahydrolinalol; 1-Ethyl-1,5-dimethyl hexanol;
02,029	2478	78	4602-84-0	3,7,11-Trimetildodeka-2,6,10-trien-1-ol	3,7,11-Trimethyldodeca-2,6,10-trien-1-ol	Farnesol; 2,6,10-Trimethyl-2,6,10-dodecatrien-12-ol;
02,030	2065	79	101-85-9	alpha Pentilkorichny alcohol	alpha-Pentylcinnamyl alcohol	n-Amyl cinnamic alcohol; 2-Amyl-3-phenyl-2-propen-1-ol; 2-Benzylidene-heptanol; 2-Pentyl-3-phenylprop-2-enol
02,031	2885	80	122-97-4	3-phenyl-propan-1-ol	3-Phenylpropan-1-ol	Benzylethyl alcohol; Hydrocinnamyl alcohol; Phenylpropyl alcohol;Dihydrocinnamyl alcohol;
02,033	2884	82	93-54-9	1-phenyl-propan-1-ol	1-Phenylpropan-1-ol	Phenyl ethyl carbinol; 1-Phenylpropyl alcohol; alpha-Ethylbenzyl alcohol; Ethyl phenyl carbinol;
02,034	2953	83	705-73-7	1-phenylpentan-2-ol	1-Phenylpentan-2-ol	alpha-Propylphenethyl alcohol;Benzyl propyl carbinol; Benzylbutyl alcohol; Benzylpropyl carbinol; n-Propyl benzyl carbinol;
02,035	2393	84	100-86-7	2-Methyl-1-phenyl-propan-2-ol	2-Methyl-1-phenylpropan-2-ol	2-Benzyl-2-propanol; 2-Hydroxy-2-methyl-1-phenylpropanone; Benzyl dimethyl carbinol;

02,036	2879	85	2344-70-9	4-phenylbutan-2-ol	4-Phenylbutan-2-ol	Phenylethyl methyl carbinol; Methyl 2-phenylethyl carbinol;
02,037	2883	86	10415-87-9	3-Methyl-1-phenylpentan-3-ol	3-Methyl-1-phenylpentan-3-ol	Phenylethyl methyl ethyl carbinol;3-Methyl-1-phenyl-3-pentanol;
02,038	2480	87	1632-73-1	Fenchol	Fenchyl alcohol	2-Fenchanol; alpha-Fenchol; 1,3,3-Trimethyl-2-norbornanol; 1,3,3-Trimethylbicyclo-2,2,1-heptan-2-ol;1,3,3-trimethyl-bicyclo [2.2.1] heptan-2-ol
02,039	2933	88	536-60-7	4 Izopropilben-Zilov alcohol	4-Isopropylbenzyl alcohol	Cuminol; p-Cymen-7-ol; Cuminyl alcohol; Cuminic alcohol; p-Cymen-7-ol;
02,040	2056	514	71-41-0	Pentan-1-ol	Pentan-1-ol	Amyl alcohol; Pentyl alcohol; n-Butyl carbinol;
02,041		515	75-85-4	2-methylbutan-2-ol	2-Methylbutan-2-ol	t-Amylalcohol;
02,042	3242	530	09/01/1197	2- (4-methylphenyl) propan-2-ol	2- (4-Methylphenyl) Propan-2-ol	p-Cymen-8-ol; p-alpha-alpha-Trimethylbenzyl alcohol; 2-p-Tolyl-2-propanol; 8-Hydroxy p-cymene;Dimethyl p-Tolyl carbinol;
02,043		543	97-95-0	2 Etilbutan-1-ol	2-Ethylbutan-1-ol	
02,044	3547	544	589-82-2	Heptane-3-ol	Heptan-3-ol	n-Butyl ethyl carbinol; Ethyl butyl carbinol;
02,045	3288	554	543-49-7	Heptane-2-ol	Heptan-2-ol	2-Hydroxyheptane; Amyl methyl carbinol; sec-Heptyl alcohol; Methyl amyl carbinol;
02,047	2586	559	107-74-4	3,7 Dimetiloktan-1,7-diol	3,7 Dimethyloctane-1.7-diol	Hydroxycitronellol; 7-Hydoxy-3,7-dimethyloctan-1-ol; Hydroxydihydrocitronellol;
02,049	2780	589	7786-44-9	Nona-2,6-dien-1-ol	Nona-2,6-dien-1-ol	Nonadienol; Violet leaf alcohol;
02,050		665	20273-24-9	Pent-2-en-1-ol	Pent-2-en-1-ol	
02,051	3618	674	10521-91-2	5-phenylpentan-1-ol	5-Phenylpentan-1-ol	Phenylamyl alcohol;

02,052		698	75-65-0	2-methylpropan-2-ol	2-Methylpropan-2-ol	1,1-Dimethylethanol; tert. Butanol;1,1-Dimethyl ethanol
02,054		701	80-53-5	p-menthane-1,8-diol	p-Menthane-1,8-diol	Terpin hydrate; 4-Hydroxy-alpha, alpha, 4-trimethyl cyclohexane methanol; dipentene glycol ,;
02,055	3324	702	3452-97-9	3,5,5-Trimetilgeksan-1-ol	3,5,5-Trimethylhexan-1-ol	Trimethylhexyl alcohol; Isononanol;
02,056	2563	750	928-96-1	Hex-3 (cis) -en-1-ol	Hex-3 (cis) -en-1-ol	Leaf alcohol; beta-gamma-hexenol;cis-3-hexenol; Blatteralkohol; Hex-3-en-1-ol;
02,057	3097	751	112-42-5	Undecane-1-ol	Undecan-1-ol	Alcohol C-11, undecylic; Undecyl alcohol; Decyl carbinol; 1-Hendecanol;
02,058	2770	2018	106-25-2	Neroli	Nerol	Nerolol; Neraniol; Nerosol; Cis-3,7-Dimethyl-2,6, octadien-1-ol; Allerol;cis-2,6-Dimethyl-2,6-octadien-8-ol;Nerodol ; Neraniol; 3,7-Dimethyl-2 (cis), 6-octadien-1-ol
02,059	2158	2020	124-76-5	Isoborneol	Isoborneol	Isocamphol; Borneol (iso); (Iso) -Camphol; Isobornyl alcohol; (Exo) -2-Camphanol; (Exo) -2-Bornanol;Bornan-2-ol; 1,7,7-Trimethylbicyclo [2.2.1] heptan-2-ol
02,060	2664	2024	536-59-4	p-mentha-1,8-dien-7-ol	p-Mentha-1,8-dien-7-ol	Perilla alcohol; Perillyl alcohol; 1-Hydroxymethyl-4-isopropenyl-1-cyclohexene; Dihydro cuminic alcohol;
02,061	2379	2025	619-01-2	Digidrokarveol	Dihydrocarveol	8-p-Menthen-2-ol; 6-Methyl-3-isopropenylcyclohexanol; p-Menth -8-en-2-ol

02,062	2247	2027	99-48-9	Carveol	Carveol	p-Mentha-6,8-dien-2-ol; 1-Methyl-4-isopropenyl-6-cyclohexen-2-ol; p-Mentha-1,8-dien-2-ol
02,063	2666	2028	2216-52-6	d-neomenthol	d-Neomenthol	2-Propyl-iso-5-Methylcyclohexanol;2-Isopropyl-5-methylcyclohexanol;2-Isopropyl-5-methylcyclohexanol [1S- (1alpha, 2alpha, 5beta)] -
02,064	2685	2030	98-85-1	1-phenylethane-1-ol	1-Phenylethan-1-ol	alpha-Methylbenzyl alcohol; Methyl phenyl carbinol; Methylphenyl carbinol; Styrallyl alcohol; 1-Phenyl-1-hydroxyethane;
02,065	2208	2031	7779-78-4	4-Methyl-1-phenylpentan-2-ol	4-Methyl-1-phenylpentan-2-ol	Benzyl isobutyl carbinol; alpha-Isobutylphenethyl alcohol; 2-Methylpropyl benzyl carbinol; 4-Methyl-1-phenyl-2-pentanol;
02,066	2880	2032	17488-65-2	Fenilbut- 4-3-en-2-ol	4-Phenylbut-3-en-2-ol	Methyl styryl carbinol; alpha-Methylcinnamyl alcohol;
02,067	2962	2033	89-79-2	Isopulegol	Isopulegol	1-Methyl-4-isopropenylcyclohexan-3-ol; p-Menth-8 (9) -en-3-ol; p-Menth-8-en-3-ol
02,070		2138	108-93-0	Cyclohexanol	Cyclohexanol	Hexalin; Hexahydrophenol;Hydroxy cyclohexane;
02.071	3562	2228	499-69-4	p-menthane-2-ol	p-Menthan-2-ol	Hexahydrocarvacrol; 3-Isopropyl-6-methylcyclohexanol; Carvomenthol;1-Methyl-4-isopropyl-2-cyclohexanol;
02,072	2248	2229	562-74-3	4-Terpineol	4-Terpinenol	4-Carvomenthenol; 1-Methyl-4-isopropylcyclohex-1-en-4-ol; 1-p-Menthen-4-ol; Origanol; 1-Methyl-4-isopropyl; p-Menth-1-en-4-ol
02,073	2732	2257	1123-85-9	2-phenyl-propan-1-ol	2-Phenylpropan-1-ol	Hydratropic alcohol; Hydratropyl alcohol; 2-Phenylpropyl alcohol;
02,074	3430	2295	6126-50-7	Hex-4-en-1-ol	Hex-4-en-1-ol	

02,075		2296	18675-34-8	Neo-Digidrokarveol	neo-Dihydrocarveol	p-Menth-8-en-2-ol
02,076	3998	2346	137-32-6	2-methylbutan-1-ol	2-Methylbutan-1-ol	
02,077		2349	584-02-1	Pentan-3-ol	Pentan-3-ol	Diethyl carbinol;
02,078	2419	11891	64-17-5	Ethanol	Ethanol	Methyl carbinol; Punctilious (USI);Absolute alc .; Anhydrous alc .;Dehydrated alc .; Ethyl hydrate;Ethyl hydroxide;
02,079	2929		67-63-0	Isopropanol	Isopropanol	Isopropyl alcohol; Propan-2-ol;Isopropanol; Dimethyl carbinol;Propyl iso alcohol; Propanol (iso);Petrohol; sec-Propyl alcohol;
02,080	3139	10197	536-50-5	1- (p-tolyl) ethan-1-ol	1- (p-Tolyl) ethan-1-ol	p-alpha-Dimethylbenzyl alcohol; p-Tolyl methyl carbinol; 1-p-Tolyl-1-ethanol; 4-Toluene; p-Tolyl methyl carbinol; 1- (4-Methylphenyl) ethan-1-ol
02,081	3140	11719	108-82-7	2,6 Dimetilgeptan-4-ol	2,6 Dimethylheptan-4-ol	Di-isobutyl carbinol; Diisobutyl carbinol ,;
02,082	3151	11763	104-76-7	2-ethylhexane-1-ol	2-Ethylhexan-1-ol	2-Ethylhexyl alcohol;
02,083	3179	10248	491-04-3	p-mentha-1-en-3-ol	p-Menth-1-en-3-ol	Piperitol;
02,085	3239	10309	546-79-2	Sabina hydrate	Sabinene hydrate	Sabinenehydrate; Thujan-4-ol; 1-Isopropyl-4-methylbicyclo [3.1.0] hexan-4-ol
02,086	3246	11826	1653-30-1	Undecan-2-ol	Undecan-2-ol	sec-Undecylic alcohol; Methyl nonyl carbinol;
02,087	3315	11803	628-99-9	Nonane-2-ol	Nonan-2-ol	Methyl-n-Heptyl carbinol; sec-n-Nonanol; Methyl heptyl carbinol;
02,088	3316	11696	6032-29-7	Pentan-2-ol	Pentan-2-ol	sec-Amyl alcohol; alpha-Methyl butanol; Methyl n-propyl carbinol;Methyl n-Propyl carbinol; Propyl methyl carbinol;
02,089	3351	11775	623-37-0	Hexan-3-ol	Hexan-3-ol	Ethyl propyl carbinol;
02,090	3379	10292	31502-14-4	Non-2 (trans)	Non-2 (trans) -en-1-ol	

				-en-1-ol		
02,091	3439	10285	515-00-4	Mirtenol	Myrtenol	6.6-Dimethyl-2- oxomethylbicyclo [1,3,3] -hept-2-ene; 10-Hydroxy-2-pinene; 2-pinen-10-ol; 2-Hydroxymethyl-6,6-dimethyl-bicyclo [3.1.1] hept-2-ene
02,092	3446	10195	57069-86-0	Dehydro digidroionol	Dehydro-dihydroionol	alpha, 2,6,6-Tetramethyl-1,3-cyclohexadien-1-propanol; 4-(2,6,6-Trimethyl-1,3-cyclohexadienyl) -butan-2-ol
02,093	3465	10294	35854-86-5	Non-6-en-1-ol	Non-6-en-1-ol	Cis-6-Nonenol;
02,094	3467	10296	20125-84-2	Oct-3-en-1-ol	Oct-3-en-1-ol	cis-3-Octenol;
02,095	3491	10208	18368-91-7	2 Etilfenhol	2-Ethylfenchol	2-Ethyl-1,3,3-trimethyl-2-norbornanol; 2-Ethyl-1,3,3-trimethyl-bicyclo [2.2.1] heptan-2-ol
02,096	3563	10252	586-82-3	1-terpineol	1-Terpinenol	4-Isopropyl-1-methyl-3-cyclohexen-1-ol; l-Methyl-4-isopropyl-3-cyclohexen-1-ol; p-Menthen-1-ol, p-3-Methenol-1; p-Menth-3-en-1-ol
02,097	3564	10254	138-87-4	beta-terpineol	beta-Terpineol	1-Methyl-4-isopropenylcyclohexan-1-ol; 4-Isopropenyl-1-methyl-1-cyclohexanol; p-Menth-8 (10) -en-1-ol
02,098	3581	11715	589-98-0	Octan-3-ol	Octan-3-ol	Ethyl n-amyl carbinol; amylethylcarbinol; dn-octanol; Amyl ethyl carbinol;
02,099	3584	11717	616-25-1	Pent-1-en-3-ol	Pent-1-en-3-ol	B-Pentenol; Vinyl ethyl carbinol;Ethyl vinyl carbinol;
02,100	3587	10303	5947-36-4	Pinokarveol	Pinocarveol	2 (10) -Pinen-3-ol; 6,6-Dimethyl-3-hydroxy-2-methylenebicyclo [3.1.1] -heptane; 2 (10)-Pinenol-3; 3-Hydroxy-6,6-dimethyl-2-methylene-bicyclo [3.1.1] heptane

02,101	3594	10304	473-67-6	Pin-2-en-4-ol	Pin-2-en-4-ol	Verbenol; 4-Hydroxy-2,6,6-trimethylbicyclo [3.1.1] hept-2-ene;d-Verbenol; 2-Pinenol-4; 4,6,6-Trimethyl-bicyclo [3.1.1] hept-3-en-2-one
02,102	3602		76649-14-4	Oct-3-en-2-ol	Oct-3-en-2-ol	trans-3-Octen-2-ol;
02,103	3605	10194	1565-81-7	Decan-3-ol	Decan-3-ol	Heptyl ethyl carbinol; Ethyl heptyl carbinol;
02,104	3608	10220	4798-44-1	Hex-1-ene-3-ol	Hex-1-en-3-ol	1-Vinyl butan-1-ol; Vinyl propyl carbinol; Propyl vinyl carbinol;
02,105	3624		25312-34-9	4- (2,6,6-trimethyl-2-cyclohexenyl) -but-3-en-2-ol	4- (2,6,6-Trimethyl-2-cyclohexenyl) but-3-en-2-ol	alpha-Ionol;
02,106	3625		22029-76-1	4- (2,2,6-trimethyl-1-cyclohexenyl) -but-3-en-2-ol	4- (2,2,6-Trimethyl-1-cyclohexenyl) but-3-en-2-ol	beta-Ionol;
02,107	3627		3293-47-8	Dihydro-beta-ionol	Dihydro-beta-ionol	-Dihydroionol; 4- (2,2,6-Trimethylcyclohex-1-enyl) -butan-2-ol
02,108	3629	10281	103-05-9	2-Methyl-4-phenylbutan-2-ol	2-Methyl-4-phenylbutan-2-ol	Phenylethyl dimethyl carbinol; 1,1-Dimethyl-3-phenyl-1-propanol;Dimethyl phenylethyl carbinol;
02,109	3647	11795	556-82-1	3-methylbut-2-en-1-ol	3-Methylbut-2-en-1-ol	Prenol;
02,110	3663		36806-46-9	Dimetilgept- 2,6-6-en-1-ol	2,6-Dimethylhept-6-en-1-ol	
02,111	3703		598-75-4	3-methylbutan-2-ol	3-Methylbutan-2-ol	Methyl isopropyl carbinol; Isopropyl methyl carbinol;
02,112	3720	10292	41453-56-9	Non-2 (cis) -en-1-ol	Non-2 (cis) -en-1-ol	z-2-Nonen-1-ol;

02,113	3722		64275-73-6	Oct-5 (cis) -en-1-ol	Oct-5 (cis) -en-1-ol	z-5-Octen-1-ol;
02,114	3741		1901-38-8	2- (2,2,3-Trimetiltsiklo-pent-3-enyl) ethan-1-ol	2- (2,2,3-Trimethylcyclopent -3-enyl) Ethan-1-ol	alpha-Campholenic alcohol; 2-(2,3,3-trimethylcyclopent-3-en-1-yl) ethanol;
02,115	3762	10275	589-35-5	3-methylpentan-1-ol	3-Methylpentan-1-ol	2-Ethyl-4-butanol;
02,119		10189	28231-03-0	Tsedrenol	Cedrenol	2,6,6-Trimethyl-tricyclo [5.3.1.0 (1.5)] undec-8-en-8-yl methanol
02,120		10190	77-53-2	Cedrol	Cedrol	Cedarwood oil alcohols; Octahydro-3,6,8,8-tetramethyl-1H-3a, 7-methanoazulen-6-ol; 8 H-cedran-8-ol; 2,6,6,8-Tetramethyl-tricyclo [5.3.1.0 (1.5)] undecan-8-ol
02,121		11735	78-92-2	Butan-2-ol	Butan-2-ol	2-Hydroxybutane; Butylene hydrate; Methyl Ethyl carbinol; sec-Butyl Alcohol;
02,122		10239	3269-90-7	p-Mentha-1,8 (10) -dien-9-ol	p-Mentha-1,8 (10) -Dien-9-ol	p-Mentha-1,8-dien-10-ol;
02,123		11794	115-18-4	2-methylbut-3-en-2-ol	2-Methylbut-3-en-2-ol	
02,124		10264	1569-60-4	Metilgept- 6-5-en-2-ol	6-Methylhept-5-en-2-ol	
02,125		10319	112-43-6	Undec-10-en-1-ol	Undec-10-en-1-ol	Undecen-1-ol; Alcohol C-11;Undecylenic alcohol;
02,126		10314	112-72-1	Tetradecan-1-ol	Tetradecan-1-ol	Myristic alcohol; Myristyl alcohol;Alcohol C-14;
02,128	2099	66	105-13-5	p-anisyl alcohol	p-Anisyl alcohol	Anisic alcohol; Anise alcohol; 4-Methoxybenzyl alcohol
02,133		10181	513-85-9	Butane-2,3-diol	Butane-2,3-diol	2,3-Butylene glycol; Dimethyl ethylene glycol;

02,135		10193	96-41-3	Cyclopentanol	Cyclopentanol	Cyclopentyl alcohol;
02,136	3824		51100-54-0	Dec-1-en-3-ol	Dec-1-en-3-ol	
02,137		11750	22104-80-9	Dec-2-en-1-ol	Dec-2-en-1-ol	
02,139	3911	11748	18409-21-7	Deca-2,4-dien-1-ol	Deca-2,4-dien-1-ol	
02,141	3938		128-50-7	2- (6,6-dimethylbicyclo [3.1.1] hept-2-ene-2-yl) ethan-1-ol	2- (6,6 Dimethylbicyclo [3.1.1] HEPT-2-en-2-yl) ethan-1-ol	Nopol; 6,6-Dimethyl-2-norpinene-2-ethanol; 2-Hydroxyethyl-6,6-dimethyl-bicyclo [3,1,1] -hept-2-ene;
02,146	3830	10202	29957-43-5	3,7-dimethylocta-1,5,7-triene-3-ol	3,7 Dimethylocta-1,5,7-trien-3-ol	
02,148		11760	10203-28-8	Dodecan-2-ol	Dodecan-2-ol	
02,149		10205	639-99-6	Elemol	Elemol	2- (4-Methyl-3-isopropylene-4-vinylcyclohexyl) propan-2-ol
02,152		10219	10606-47-0	Hept-3-en-1-ol	Hept-3-en-1-ol	
02,153	4127		33467-79-7	Trans-2, trans-4 heptadiene-1-ol	2,4-Heptadien-1-ol, (2E, 4E) -;	Trans-2-trans-4-heptadien- -ol, 2,4-Heptadien-1-ol, (E, E) -; (2E, 4E) -Heptadienol; (E, E) -Hepta-2,4-dien-1-ol
02,155	4129	10218	4938-52-7	1-hepten-3-ol	1-Hepten-3-ol	
02,156	3924	69	928-94-9	Hex-2 (cis) -en-1-ol	Hex-2 (cis) -en-1-ol	2-Hexenol;
02,157	2562	69	2305-21-7	Hex-2 (trans) -en-1-ol	Hex-2 (trans) -en-1-ol	2-Hexenol;
02,159	2563	750	544-12-7	Hex-3-en-1-ol	Hex-3-en-1-ol	Leaf alcohol; beta-gamma-hexenol;cis-3-hexenol;
02,162	3922		111-28-4	Geksa-2,4-dien-1-ol	Hexa-2,4-dien-1-ol	Sorbic alcohol; 1-Hydroxy-2,4-hexadiene; Sorbyl alcohol;
02,165	3987		623-05-2	4 Hydro	4-Hydroxybenzyl	(4-Hydroxyphenyl) methanol; p- (Hydroxymethyl)

				ksibenzilovy alcohol	alcohol	phenol; p-Hydroxybenzyl alcohol; 4-Hydroxybenzene methanol;
02,166		10226	501-94-0	2- (4-hydroxyphenyl) ethan-1-ol	2- (4-Hydroxyphenyl) than-1-ol	4-Hydroxyphenethyl alcohol; 4-Hydroxy-benzeneethanol;
02,168		10233	505-32-8	Izofitol	Isophytol	3,7,11,15-Tetramethylhexadec-1-en-3-ol
02,174	4178	10258	4675-87-0	2-methylbut-2-en-1-ol	2-Methylbut-2-en-1-ol	
02,175		10259	4516-90-9	2-methylbut-3-en-1-ol	2-Methylbut-3-en-1-ol	
02,176		10260	763-32-6	3-methylbut-3-en-1-ol	3-Methylbut-3-en-1-ol	
02,177		10266	617-29-8	2-methylhexan-3-ol	2-Methylhexan-3-ol	
02,180		10278	626-89-1	4-methylpentan-1-ol	4-Methylpentan-1-ol	Isohexanol;
02,181		10274	590-36-3	2-methylpentan-2-ol	2-Methylpentan-2-ol	2-Methyl-2-pentanol;
02,182		10276	565-60-6	3-methylpentan-2-ol	3-Methylpentan-2-ol	
02,183		10279	108-11-2	4-methylpentan-2-ol	4-Methylpentan-2-ol	Methylamyl alcohol; sec-Hexyl alcohol; Methyl isobutyl carbinol;
02,184		10277	77-74-7	3-methylpentan-3-ol	3-Methylpentan-3-ol	
02,187		10291	21964-44-3	Non-1-en-3-ol	Non-1-en-3-ol	n-Hexyl vinyl carbinol;
02,188	3951	11802	62488-56-6	Nona-2,4-dien-1-ol	Nona-2,4-dien-1-ol	
02,189	3885	10289	76649-25-7	Nona-3,6-dien-1-ol	Nona-3,6-dien-l-ol	
02,190		10290	624-51-1	Nonane-3-ol	Nonan-3-ol	Hexyl ethyl carbinol; 3-Nonanol;Ethyl n-Hexyl carbinol;
02,192	3887	11804	22104-78-5	Oct-2-en-1-ol	Oct-2-en-l-ol	
02,193	3888		4798-61-2	Oct-2-en-4-ol	Oct-2-en-4-ol	2-Octen-4-ol;

02,197		10173	41199-19-3	1,2,3,4,4a, 5,6,7-, 2,5,5- Octahydro trimetilnafta-lin-2-ol	1,2,3,4,4a, 5,6,7-Octahydro-2,5,5-trimethylnaphthalen-2-ol	Ambrinol; 2,5,5-Trimethyl-2-hydroxyoctalin;
02,203		11704	617-94-7	Fenilpropan- 2-2-ol	2-Phenylpropan-2-ol	Dimethyl phenyl carbinol; Phenyl Isopropanol;Phenyldimethylcarbinol;Benzenemethanol;
02,204	4196	10302	150-86-7	Phytol	Phytol	3,7,11,15-Tetramethylhexadec-2-en-1-ol
02,205		10306	495-76-1	Piperonilovy alcohol	Piperonyl alcohol	Helioalcohol; 1,3-enzodioxole-5-methanol; 3,4-Methylenedioxybenzyl alcohol
02,206		10311	515-03-7	Sclareol	Sclareol	Labd-14-ene-8,13-diol; 4,6,10,10-Tetramethyl-5-(3,3-dimethylpent-4-enyl) -bicyclo [4.4.0] decan-4-ol
02,207	4079		21653-20-3	Tuyilovy alcohol	Thujyl alcohol	Bicyclo [3.1.0] hexan-3-ol, 4-methyl-1- (1-methyl-ethyl) -, (IS, 3S, 4R, 5R) -; 3-Thujanol, (IS, 3S, 4R, 5R) - (-) -; Bicyclo [3.1.0] hexan-3-ol, 4-methyl-1- (1- methyl-ethyl) -, [1S- (1.alpha., 3.alpha., 4.alpha., 5.alpha.)] -; (-) - 3-Neoisothujanol; (-) - Thujol; 3-Neoisothujanol, (-) -; Thujol, (-) -
02,209	3962		116-02-9	3,3,5-Trimetiltsik-logeksan-1-ol	3,3,5-Trimethylcyclohexan-1-ol	Cyclonol; Homomenthol;
02,210	4068		37617-03-1	2-undecyl-1-ol	2-Undecen-1-ol	1-Hydroxy-2-undecene; trans-2-Undecenol
02,213	3737	690	498-00-0	Vanillyl alcohol	Vanillyl alcohol	4-Hydroxy-3-methoxybenzyl alcohol
02,214		10321	89-88-3	Vetiverol	Vetiverol	Vetivenol; Vetivol; 2-Hydroxymethyl-6-methyl-9-

						(1-methylene-ethyl) -bicyclo [5.3.0] decane and 2-Hydroxymethylisoprop-5-enyl-tricyclo [6.2.1.0 (3.7)] undecane
02,216	3006	74	77-42-9	12-beta-Santalen-14-ol	12-beta-Santalen-14-ol	beta-Santalol;
02,217	3006	74	115-71-9	12-alpha -14-Santalov ol	12-alpha-Santalen-14-ol	alpha-Santalol;
02,218	2665	63	04/06/1490	DL-Menthol	DL-Menthol	
02,222		10298	39161-19-8	3-pentenol-1	3-Pentenol-1	
02,224	3784		87061-04-9	3- (1-menthoxy) propane-1,2-diol	3- (1-Menthoxy) Propane-1.2-diol	
02,226		67	142-50-7	[S- (cis)] - 3,7,11-trimethyl-1,6,10-dodekatrien-3-ol	[S (CIS)] - 3,7,11-trimethyl-1,6,10-dodecatrien-3-ol	Nerolidol
02,229	2309	59	7540-51-4	(-) - 3,7-Dimethyl-6-octan-1-ol	(-) - 3.7-Dimethyl-6-octen-1-ol	
02,231	2780	589	28069-72-9	trans-2, cis-6-nonadiene-1-ol	tr-2, CIS-6-Nonadien-1-ol	
02,234	4049	10293	10340-23-5	3-nonene-1-ol	3-Nonen-1-ol	
02,242		10182	111-76-2	2-butoxy-ethane-1-ol	2-Butoxyethan-1-ol	Ethylene glycol monobutyl ether;
02,243	3884		56805-23-3	(E) -3- (Z) -6-nonadiene-1-ol	(E) -3- (Z) -6-Nonadien-1-ol	

03,001	2465	182	470-82-6	1,8-cineole	1,8-Cineole	Eucalyptol; 1,8-oxido-p-menthane;1,3,3-Trimethyl-2-oxabicyclo [2.2.2] octane; 1,8-Epoxy-p-menthane
03,003	2144	521	539-30-0	Benzyl ethyl ether	Benzyl ethyl ether	Ethyl benzyl ether;
03,004	2371	11856	103-50-4	Dibenzyl ether	Dibenzyl ether	Benzyl ether; Benzyl oxide;
03,005	3131	10911	2679-87-0	Butyl 2-ethyl	2-Butyl ethyl ether	Ether, sec-butyl ethyl; Ethyl sec-butyl ether;
03,006	3198	11812	3558-60-9	2 Metoksietilbenzol	2-Methoxyethyl benzene	Methyl phenethyl ether; Phenethyl methyl ether;Phenylethylmethylether;
03,007	3658	11225	470-67-7	1,4-Cineole	1,4-Cineole	1,4-Epoxy-p-menthane
03,010	2139	520	588-67-0	Benzyl butyl ester	Benzyl butyl ether	
03,011		10910	538-86-3	Benzyl methyl ester	Benzyl methyl ether	
03,019	3777		22094-00-4	Prenyl ethyl ester	Prenyl ethyl ether	Ethyl 3-methylbut-2-enyl ether; 1-Ethoxy-3-methylbut-2-ene
03,023	4069		1608-72-6	1-ethoxyethyl acetate	1-Ethoxyethylacetate	
04,002	2922	170	94-86-0	6-ethoxy-propyl-3-enilfenol	6-Ethoxyprop-3-enylphenol	1-Ethoxy-2-hydroxy-4-propenylbenzene; 5-Propenylguaethol; 3-Propenyl-6-ethoxyphenol; Hydroxymethyl anethole;
04,003	2467	171	97-53-0	Eugenol	Eugenol	4-Allylguaiacol; 2-Methoxy-4-prop-2-enylphenol; 1-Hydroxy-2-methoxy-4-allylbenzene; 1-Hydroxy-2-methoxy-4-propenylbenzen; 4-Allyl-2-methoxyphenol
04,004	2468	172	97-54-1	Isoeugenol	Isoeugenol	4-Propenylguaiacol; 2-methoxy-4-propenylphenol; 1-Hydroxy-2-methoxy-4-propen-1-ylbenzene; 2-Methoxy-4- (prop-1-enyl) phenol
04,005	2532	173	01/05/90	2-methoxyphenol	2-Methoxyphenol	Guaiacol; o-Methylcatechol; 1-Hydroxy-2-methoxybenzene; o-Methoxyphenol; 1-Oxy-2-methoxybenzene;

04,006	3066	174	89-83-8	Thymol	Thymol	1-Methyl-3-hydroxy-4-isopropylbenzene; 3-Hydroxy-p-Cymene; a lpha-Cymophenol; 2-Isopropyl-5 -methylphenol
04,007	2671	175	93-51-6	2-Methoxy-4-methylphenol	2-Methoxy-4-methylphenol	4-Methylguaiacol; 1-Hydroxy-2-methoxy-4-methylbenzene; 3-Me thoxy-4-hydroxytoluene;Creosol;
04,008	2436	176	2785-89-9	4 Etilgvayakol	4-Ethylguaiacol	1-Hydroxy-2-methoxy-4-ethylbenzene; 2-Methoxy-2-ethylphenol; Homocreosol; 4-Ethyl-2-methoxyphenol
04,009	2675	177	7786-61-0	2-Methoxy-4-vinylphenol	2-Methoxy-4-vinylphenol	Vinyl guaiacol; 4-Hydroxy-3-methoxystyrene; p-Vinylcatechol-O-methy l ether; p-Vinylguaiacol;
04,010	2086	183	4180-23-8	1-Methoxy-4-(prop-1 (trans) -enyl) benzene	1-Methoxy-4-(1-Prop (TRANS) -enyl) Benzene	trans-Anetole; Isoestragole; 1-Methoxy-4-propenylbenzene; 1-Pro pene, 1- (4-methoxyphenyl; 4-Methoxy-1-propenylbenzene; Anise camphor;
04,013	2476	186	93-16-3	1,2-dimethoxy-4- (prop-1-enyl) benzene	1.2-Dimethoxy-4-(Prop-1-enyl) Benzene	Methyl isoeugenol; 1,2-Dimethoxy-4-propenylbenzene; 4-Propenylveratro le; 1,2-Dimethoxy-4-propen;
04,014	2680	187	578-58-5	1-Methoxy-2-methylbenzene	1-Methoxy-2-methylbenzene	o-Methylanisole; o-Cresyl methyl ether; 2-Methoxy toluene; o-Methoxytoluene; methyl o-Tolyl ether;
04,015	2681	188	104-93-8	1-Methoxy-4-methylbenzene	1-Methoxy-4-methylbenzene	p-Methylanisole; o-Methyl-p-Cresol;4-Methoxytoluene; Methyl p-tolyl ether; p-Cresyl methyl ether; p-Methoxytoluene;
04,016	2385	189	151-10-0	1,3-dimethoxybenzene	1,3 Dimethoxybenzene	m-Dimethoxybenzene; Resorcinol dimethyl ether; Dimethyl resorcinol;
04,017	2472	190	7784-67-0	1-Ethoxy-2-methoxy-4-	1-ethoxy-2-methoxy-4- (Prop-1-	Ethyl isoeugenyl ether; 1-Ethoxy-2-methoxy-4-benzene; 2-Ethoxy-5-propenylanisol

				(prop-1- enyl) benzene	enyl) Benzene	e; Ethyl isoeugenol;
04,018	3698	522	120-11-6	Benzyl ester izoevgenilovy	Benzyl isoeugenyl ether	Benzyl isoeugenol; Isoeugenyl benzyl ether; Benzyl 2-methoxy-4-propenylphenyl ether; 1-Benzyloxy-2-methoxy-4-propenylbenzene;Benzyl 2-methoxy-4-prop-1-enylphenyl ether
04,019	3595	537	95-87-4	2,5-dimethylphenol	2,5-Dimethylphenol	L-Hydroxy-2,5 dimethylbenzene;
04,020		538	108-68-9	3,5-dimethylphenol	3,5-Dimethylphenol	
04,021		549	620-17-7	3-ethylphenol	3-Ethylphenol	
04,022	3156	550	123-07-9	4-ethylphenol	4-Ethylphenol	4-Hydroxyethylbenzene;
04,026	3530	617	108-39-4	3-methylphenol	3-Methylphenol	m-Cresol; 1-Hydroxy-3-methylbenzene; 1-Methyl-3-hydroxybenzene; m-Methylphenol;
04,027	3480	618	95-48-7	2-methylphenol	2-Methylphenol	o-Cresol; 1-Hydroxy-2-methylbenzene; 2-Hydroxy-1-methylbenzene; o-Cresylic acid; o-Hydroxytoluene; o-Methylphenol;
04,028	2337	619	106-44-5	4-methylphenol	4-Methylphenol	p-Cresol; 4-Hydroxytoluene; 1-Methyl-4-hydroxybenzene; 1-Hydroxy-4-methylbenzene; 4-Cresol; p-Cresylic acid;
04,029		680	120-80-9	Benzene-1,2-diol	Benzene-1,2-diol	Catechol;
04,031	2245	2055	499-75-2	Carvacrol	Carvacrol	2-p-Cymenol; 2-Hydroxy-p-cymenol; 2-Cyclohexen-1-one, 6-methyl-3- (1-methylethyl) -; 2-Hydroxy-p-Cymene; 2-Methyl-5-isopropylphenol; 5-Isopropyl-2-methylphenol
04,032	2097	2056	100-66-3	Anisole	Anisole	Methyl phenyl ether; Phenyl methyl ether; Methoxybenzene

04,033	2768	2058	93-18-5	beta-naphthyl ethyl ether	beta-Naphthyl ethyl ether	2-Ethoxynaphthalene; Ethyl 2-naphthyl ether; Ethyl beta-Naphthyl ether; Nerolin; Nerolin II;
04,034	2386	2059	150-78-7	1,4-dimethoxybenzene	1,4-Dimethoxybenzene	p-Dimetoxybenzene; Hydroquinone dimethyl ether; Dimethylhydroquinone; Dimethyl hydroquinone; 4-Methoxyphenyl methyl ether;
04,035	3667	2201	101-84-8	Diphenyl ether	Diphenyl ether	Diphenyl oxide; Phenyl ether;
04,036	3137	2233	10/01/91	2,6-dimethoxyphenol	2,6-Dimethoxyphenol	2-Hydroxy-1,3-dimethoxybenzene;Pyrogallol dimethyl ether; Syringol;
04,037	3695	2258	622-62-8	4-ethoxyphenol	4-Ethoxyphenol	Hydroquinone monoethyl ether; 1-Ethoxy-4-hydroxybenzene; p-Ethoxyphenol;
04,038	2246	11840	4732-13-2	Karvakril ethyl ester	Carvacryl ethyl ether	2-Ethoxy-p-Cymene; Ethyl carvacryl ether; 2-Ethoxy-4-isopropyl-1-methylbenzene
04,039	2930	11835	104-45-0	1-Methoxy-4-propylbenzene	1-Methoxy-4-propylbenzene	p-Propylanisole; Dihydroanethole;pn-Propyl anisole; 4-Propylmethoxybenzene;
04,040	3138	11228	6380-23-0	1,2-Dimethoxy-4-vinylbenzene	1.2-Dimethoxy-4-vinylbenzene	3,4-Dimethoxystyrene;
04,041	3223	11811	108-95-2	Phenol	Phenol	Carbolic acid; Hydroxybenzene;Benzenol; Phenyl hydroxide;
04,042	3249	11261	576-26-1	2,6-dimethylphenol	2,6-Dimethylphenol	2,6-Xylenol; 2-Hydroxy-1,3-dimethylbenzene;
04,043	3436	11245	1076-56-8	1-Isopropyl-2-methoxy-4-methylbenzene	1-Isopropyl-2-methoxy-4-methylbenzene	Thymol methyl ether; 3-Methoxy-p-cymene; 3-Methoxy-para-Cymene;Thymol methylether;
04,044	3461	11234	88-69-7	2-isopropylphenol	2-Isopropylphenol	Phenol, 2- (1-methylethyl) -, 1-Hydroxy-1-isopropylbenzene; o-Cumenol; o-Isopropylphenol;

04,045	3485	11905	20920-83-6	2- (Ethoxymethyl) phenol	2- (Ethoxymethyl) Phenol	
04,046	3522	11908	644-35-9	2-propylphenol	2-Propylphenol	1- (2-Hydroxyphenyl) propane;
04,047	3589	11250	108-46-3	Benzene-1,3-diol	Benzene-1,3-diol	Resorcinol; 1,3-Dihydroxybenzene;m-Dihydroxybenzene;
04,048	3596	11262	95-65-8	3,4-dimethylphenol	3,4-Dimethylphenol	3,4-Xylenol; 1-Hydroxy-3,4-dimethylbenzene;
04,049	3598		2785-87-7	2-Methoxy-4-propylphenol	2-Methoxy-4-propylphenol	4-Propyl-ortho-Methoxyphenol; 4-Propylguaicol; 5-Propyl-ortho-Hydroxyanisole; Dihydroeugenol;
04,050	3649		645-56-7	4-propylphenol	4-Propylphenol	
04,051	3655	11214	6627-88-9	4-Allyl-2,6-dimethoxyphenol	4-Allyl-2,6 dimethoxyphenol	Phenol, 2,6-dimethoxy-4- (2-propenyl) -; 4-Allylsyringol; 4-Methoxyeugenol;
04,052	3671	11231	14059-92-8	4-Ethyl-2,6-dimethoxyphenol	4-Ethyl-2,6 dimethoxyphenol	4-Ethylsyringol;
04,053	3704		6638-05-7	4-Methyl-2,6-dimethoxyphenol	4-Methyl-2,6 dimethoxyphenol	4-Methylsyringol; 2,6-Dimethoxy-p-cresol;
04,054	3719	11886	2173-57-1	Isobutyl beta-naphthyl ether	Isobutyl beta-naphthyl ether	2-Isobutoxynaphthalene; Fragarol;2-Methylpropyl beta-naphthyl ether
04,055	3728		20675-95-0	2,6-dimethoxy-4-prop-1-enilfenol	2.6-Dimethoxy-4-Prop-1-enylphenol	4-Propenylsyringol; 6-Methoxyisoeugenol;
04,056	3729		6766-82-1	2,6-Dimethoxy-4-propylphenol	2.6-Dimethoxy-4-propylphenol	4-Propylsyringol;
04,057	3739	11257	2628-17-3	4-vinylphenol	4-Vinylphenol	4-Ethenylphenol; 4-Hydroxystyrene;
04,058	4075	11218	501-92-8	4 allylphenols	4-Allylphenol	p-Allylphenol;

04,059		11224	6379-73-3	Karvakril methyl ester	Carvacryl methyl ether	5-Isopropyl-2-methylmethoxy-benzene; 4-Isopropyl-2-methoxy-1-methylbenzene
04,061		11229	28343-22-8	2,6-Dimethoxy-4-vinylphenol	2.6-Dimethoxy-4-vinylphenol	
04,062	3799	10320	91-16-7	1,2-Dimethoxybenzene	1,2-Dimethoxybenzene	Veratrole; o-Dimethyoxybenzene;
04,063	3828		6738-23-4	1,3-Dimethyl-4-methoxybenzene	1.3-Dimethyl-4-methoxybenzene	2,4-Dimethyl-1-methoxybenzene;
04,064	3918		98-54-4	4-(1,1-dimethylethyl) phenol	4- (1.1-Dimethylethyl) Phenol	4-tert-Butylphenol; 1-Hydroxy-4-tert-butylbenzene; Ucar butylphenol;
04,065		11258	526-75-0	2,3-dimethylphenol	2,3-Dimethylphenol	2,3-Xylenol; l-Hydroxy-2,3-dimethylbenzene;
04,066		11259	105-67-9	2,4-dimethylphenol	2,4-Dimethylphenol	2,4-Xylenol; l-Hydroxy-2,4-Dimethylbenzene; 4,6-Dimethylphenol;
04,070		11232	90-00-6	2-ethylphenol	2-Ethylphenol	Phlorol; 1-ethyl-2-hydroxybenzene;
04,077		11241	150-76-5	4-Methoxyphenol	4-Methoxyphenol	p-Hydroxyanisole; Hydroquinone monomethyl ether;
04,085	3963		2416-94-6	2,3,6-trimethylphenol	2,3,6-Trimethylphenol	3-Hydropseudocumene;
04,088	2086	183	104-46-1	1-Methoxy-4- (1-propenyl) benzene	1-Methoxy-4- (1-propenyl) Benzene	Anethole; p-propylanisole;Isoestragole; p-propylphenyl methyl ether; Propenylanisole;
04,093	3796		82654-98-6	Vanillyl butyl ether	Butyl vanillyl ether	4- (Butoxymethyl) -2-methoxyphenol; Butyl 4-hydroxy-3-methoxybenzyl ether
04,094	3815		13184-86-6	Ethyl 4-hydroxy-3-	Ethyl 4-hydroxy-3-	Ethyl 4-hydroxy-3-methoxybenzyl ether

				methoxybenzyl ester + D437	methoxybenzyl ether	
05,001	2003	89	75-07-0	Acetaldehyde	Acetaldehyde	Ethanal; Acetic aldehyde;
05.002	2923	90	123-38-6	Propanal	Propanal	Propion aldehyde; Propyl aldehyde;Methylacetaldehyd; Propan-1-al;Aldehyde c-3;
05,003	2219	91	123-72-8	Butanal	Butanal	n-Butyraldehyde; Butyl aldehyde;Butyric aldehyde; n-Butanal; Butan-1-al; n-Butyl aldehyde;
05,004	2220	92	78-84-2	2-methylpropanal	2-Methylpropanal	Isobutanal; Isobutyraldehyde;Butyraldehyde (iso); Butyl iso aldehyde; Isobutyric aldehyde;Isobutyl aldehyde; Butyric iso aldehyde;
05,005	3098	93	110-62-3	Pentanal	Pentanal	Valeraldehyde; n-Valeric aldehyde;Amyl aldehyde; Valeric aldehyde;Valeral; Pentan-1-al; Aldehyde c-5;
05,006	2692	94	590-86-3	3-methylbutanal	3-Methylbutanal	Isovaleraldehyde; 3-Methylbutylaldehyde; Isoamyl aldehyde; Amyl iso aldehyde;Isovaleric aldehyde;Isovaleraldehyde; Isovaleral;
05,007	2426	95	97-96-1	2 Etilbutanal	2-Ethylbutanal	2-Ethylbutyraldehyde; Diethyl acetaldehyde;
05,008	2557	96	66-25-1	Hexanal	Hexanal	Aldehyde C-6; Hexaldehyde;Hexoic aldehyde; Caproic aldehyde; Caproaldehyde; n-Hexaldehyde;
05,009	2797	97	124-13-0	Octanal	Octanal	Aldehyde C-8; Octyl aldehyde;Caprylic aldehyde; Caprylaldehyde;Octylaldehyde; n-Octylaldehyde;
05,010	2362	98	112-31-2	Decanal	Decanal	Aldehyde C-10; Decyl aldehyde;Capraldehyde; Capric aldehyde; n-Decyl aldehyde;
05,011	2615	99	112-31-2	Dodecanal	Dodecanal	Aldehyde C-12; Lauric aldehyde;Lauryl Aldehyde; n-dodecylic

						aldehyde; Duodecylic aldehyde;Lauraldehyde; Dodecan-1-al;
05,012	2583	100	107-75-5	3,7-Dimethyl-7-gidroksioktanal	3.7-Dimethyl-7-hydroxyoctanal	Hydroxycitronellal; 7-hydroxy-3,7-dimethyloctan-1-al; Laurine;Citronellalhydrate ,;
05,013	2127	101	100-52-7	Benzaldehyde	Benzaldehyde	Benzene methylal; Benzene carbonal; Benzoic aldehyde;Benzene carboxaldehyde;
05,014	2286	102	104-55-2	Cinnamaldehyde	Cinnamaldehyde	Cinnamic aldehyde;Phenylacrolein; Cinnamal; 3-Phenylpropenal; 3-Phenyl-2-propen-1-al; -Phenylacrolein; 3-Phenylprop-2-enal
05,015	2670	103	123-11-5	4-meth-ksibenzaldegid	4-Metho-xybenzaldehyde	p-Anisaldehyde; aubepine; Anisic aldehyde; Aubepine liquid;
05,016	2911	104	120-57-0	Piperonal	Piperonal	Heliotropine; Piperonyl aldehyde;Diooxymethylene protocatechuic aldehyde; 3,4-Methylenedioxybenzaldehyde
05,017	3109	106	120-14-9	Veratric aldehyde	Veratraldehyde	O-Methyl vanillin; p-Veratric aldehyde; Dimethyl ether protocatechualdehyde; 3,4-Dimethoxybenzenecarbonal; 3,4-Dimethoxybenzaldehyde
05,018	3107	107	121-33-5	Vanillin	Vanillin	Methyl protocatechuic aldehyde;Protocatechualdehyde-3-methylether; Vanillic Aldehyde; Methylprotocatechuic Aldehyde; 4-Hydroxy-3-methoxybenzaldehyde
05,019	2464	108	121-32-4	Ethylvanillin	Ethyl vanillin	Bourbonal; Ethyl protal; 3-Ethoxyprotocatechualdehyde; 3-Ethoxy-4-hydroxybenzaldehyde

05,020	2303	109	5392-40-5	Citral	Citral	Lemarome; Geranial; 3,7-Dimethyl-2,6-octadienal; Neral; 3,7-Dimethylocta-2,6-dienal
05,021	2307	110	106-23-0	Citronellal	Citronellal	3,7-Dimethyl-6-octenal; Rhodinal;3,7-Dimethyloct-6-enal
05,022	2341	111	122-03-2	4 isochro-propilbenzaldegid	4-Isopropylbenzaldehyde	Cuminaldehyde; p-isopropylbenzaldehyde; Cuminic aldehyde; Cuminal; Cumaldehyde;p-Propyl iso benzaldehyde;
05,023	2390	112	7779-07-9	2,6-dimethyloctanal	2,6-Dimethyloctanal	Isodecylaldehyde; Decylaldehyde (iso);
05,024	2727	113	7786-29-0	2 Metiloktanal	2-Methyloctanal	Methylhexylacetaldehyde; Methyl hexyl acetaldehyde;
05,025	2782	114	124-19-6	Nonanal	Nonanal	Pelargonic aldehyde; Aldehyde C-9; Pelargonaldehyde; Pelargonic aldehyde; Nonanoic aldehyde;
05,026	3068	115	529-20-4	o-tolylaldehyde	o-Tolualdehyde	2-Methylbenzaldehyde
05,027	3068	115	1334-78-7	Tolylaldehyde	Tolualdehyde	Toluic aldehyde (mixed 2,3,4); 2-, 3-and 4-Methylbenzaldehyde
05,028	3068	115	620-23-5	m-tolylaldehyde	m-Tolualdehyde	3-Methylbenzaldehyde
05,029	3068	115	104-87-0	p-tolylaldehyde	p-Tolualdehyde	4-Methylbenzaldehyde
05,030	2874	116	122-78-1	Phenylacetaldehyde	Phenylacetaldehyde	alpha-Toluic aldehyde; alpha-Tolualdehyde; Hyacinthin;Phenylacetic aldehyde;Benzylcarboxyaldehyde; 1-Oxo-2-phenylethane;
05,031	2540	117	111-71-7	Heptanal	Heptanal	Aldehyde C-7; n-Heptaldehyde;Heptyl aldehyde; Heptaldehyde;Enanthaldehyde; Enanthal;Aldehyde Heptan-1-alc-7;
05,032	2763	118	124-25-4	Tetradekanal	Tetradecanal	Myristaldehyde; Aldehyde C-14;Myristic aldehyde; Tetradecyl aldehyde; Aldehyde c-14 (Myristic);Tetradecan-1-al;
05,033	2438	120	10031-88-6	2-Etilgept-2-enal	2-Ethylhept-2-enal	2-Ethyl-3-butylacrolein;
05,034	3092	121	112-44-7	Undekanal	Undecanal	Undecanoic aldehyde; Undecylic aldehyde; Hendecanal; Aldehyde

						c-11 undecylic; n-Undecylaldehyde;Undecan-1-al;
05,035	3095	122	112-45-8	Undec-10-enal	Undec-10-enal	Undecylenic aldehyde (mixed isomers); Undecenal; Intreleven aldehyde; Aldehyde C-11;
05,036	3094	123	143-14-6	Undec-9-enal	Undec-9-enal	Undecylenic aldehyde; Hendecen-9-al; Aldehyde C-11 undecylenic; 9-undecylenic aldehyde;
05,037	2402	124	4826-62-4	2 Dodetsenal	2-Dodecenal	3-Nonylacrolein; dodec-2-enal;
05,038	2886	126	93-53-8	2 Fenilpropanal	2-Phenylpropanal	2-Phenylpropionaldehyde;Hydratropaldehyde; alpha-Methyltolualdehyde; alpha-Methylphenylacetaldehyde; alpha-Phenylpropionaldehyde;
05,039	2191	127	7492-44-6	alpha Butilkorichny aldehyde	Alpha-Butylcinnam-Aldehyde	2-Benzylidene hexanal; Butyl cinnamic aldehyde; alpha-Butyl-beta-phenylacrolein; 2-Butyl-3-phenylprop-2-enal
05,040	2061	128	122-40-7	alpha Pentilkorichny aldehyde	alpha-Pentylcinnam-Aldehyde	alpha-Amylcinnamaldehyde; Amyl cinnamic aldehyde; alpha-amyl-beta-phenyl-acrolein; 2-Benzylidene heptanal; alpha-Pentyl-cinnamaldehyde; 2-Pentyl-3-phenylprop-2-enal
05,041	2569	129	101-86-0	Alpha Hexyl cinnamaldehyde	Alpha-Hexylcinnam-Aldehyde	2-Benzylidene-octanal; alpha-n-Hexyl cinnamic aldehyde; alpha-n-Hexyl-beta-phenyl acrolein; 2-Benzylideneoctanal
05,042	3071	130	104-09-6	p-Tolilatset-aldehyde	p-Tolylacetaldehyde	4-Methylphenylacetaldehyde
05,043	3078	131	99-72-9	2- (p-tolyl) propionaldehyde	2- (P-Tolyl) propionaldehyde	p-methyl-alpha-Methylphenylacetaldehyde; p-methylhydratropaldehyde; 2- (4-Methylphenyl) propanal

05,044	2954	132	4395-92-0	p-Isopropyl phenylacetaldehyde	P-Isopropyl phenylacetaldehyde	Cumylacetaldehyde; 2- (p-Isopropylphenyl) acetaldehyde;Cortexal; Cumylaldehyde; p-Cumen-7-carboxaldehyde; p-Propylphenylacetaldehyde;
05,045	2743	133	103-95-7	3- (p-cumene) -2-metilpro-peony aldehyde	3- (P-Cumenyl) -2-methylpro-pionaldehyde	Cyclamen aldehyde; p-Isopropyl-alpha-methylhydrocinnamaldehyde;Cyclamal; Cyclaviol; Cyclasal;alpha-Methyl-p-isopropylhydrocinnamaldehyde; 2-Methyl-3- (4-isopropylphenyl) propanal
05,046	2737	134	40654-82-8	2-Methyl-4-phenylbutyric aldehyde	2-Methyl-4-phenylbutyraldehyde	2-Methyl-4-phenylbutanal;
05,047	3984	558	123-08-0	4 Hydro ksibenzaldegid	4-Hydro xybenzaldehyde	p-Hydroxybenzaldehyde;
05,048	3181	571	1504-74-1	2-meth-ksikorichny aldehyde	2-Metho-xycinnamaldehyde	beta-o-Methoxyphenyl acrolein; 3-o-Methoxyphenyl-2-propenal; 3- (2-Methoxyphenyl) prop-2-enal
05,049	2691	575	96-17-3	2-methyl-butyric aldehyde	2-Methylbutyral-dehyde	2-Methylbutanal; Methyl ethyl acetaldehyde; alpha-Methyl butyraldehyde; 2-Methylbutanal-1;
05,050	2697	578	101-39-3	alpha Metilkorichny aldehyde	Alpha-Methy-lcinnamaldehyde	2-Methylcinnamaldehyde; alpha-methylcinnamic aldehyde; alpha-Methylcinnimal; alpha-Methyl cinnamic aldehyde; 2-Methyl-3-phenylprop-2-enal
05,051	3182	584	65405-67-6	3- (4-Methoxyphenyl) -2-methyl-prop-2-enal	3- (4-Methoxyphenyl) -2-methylprop-2-enal	alpha-Methyl-p-methoxycinnamaldehyde; 3- (p-Methoxyphenyl) -2-methyl-2-propenal;

05,052	2748	587	41496-43-9	2-Methyl-3- (p-tolyl) propionaldehyde	2-Methyl-3- (P-tolyl) propionaldehyde	2-Methyl-3- (4-methylphenyl) propanal;
05,053	4010	594	123-63-7	2,4,6-trimethyl-1,3,5-trioxane	2,4,6-Trimethyl-1,3,5-trioxane	Paraldehyde; Paracetaldehyde;
05,055	3004	605	02/08/90	Salicylaldehyde	Salicylaldehyde	Salicylic aldehyde; o-Hydroxybenzaldehyde; Salicylal; 2-Hydroxybenzaldehyde
05,056	2413	626	10031-82-0	4 Egoksi-benzaldehyde	4-Ethoxy-benzaldehyde	Homoanisaldehyde;
05,057	3429	640	142-83-6	Hexa-2 (trans), 4 (trans) -dienal	Hexa-2 (trans), 4 (trans) -dienal	2-Propylene acrolein; Sorbic aldehyde; Hexa-2,4-dienal;
05,058	3377	659	557-48-2	Nona-2 (trans), 6 (cis) -dienal	Nona-2 (trans), 6 (cis) -dienal	2,6-Nonadienal; Cucumber aldehyde; Nona-2,6-dienal;
05,059	3580	661	2277-19-2	Non-6 (cis) -enal	Non-6 (cis) -enal	cis-6-Nonen-1-al; Non-6-enal;
05,060	3215	663	2363-89-5	Oct-2-enal	Oct-2-enal	alpha-Amylacrolein; 2-Pentyl acrolein;
05,061		664	63826-25-5	Oct-6-enal	Oct-6-enal	
05,062	3224	670	4411-89-6	2-aldehyde Fenilkrotonovy	2-Phenylcrotonal-dehyde	2-Phenyl-but-2-en-1-al; 2-Phenylbut-2 (trans) -enal
05,064	3638	685	13552-96-0	Trideka-2 (trans), 4 (cis), 7 (cis) -trienal	Trideca-2 (trans), 4 (cis), 7 (cis) -trienal	Trideca-2,4,7-trienal;
05,066		703	120-25-2	4-Ethoxy-3-	4-ethoxy-3-	Vanillin ethyl ether;

				metoksiben-zaldegid	methoxyben-zaldehyde	
05,068	3756	705	4748-78-1	4-ethylbenzaldehyde	4-Ethylbenzaldehyde	p-Ethylbenzaldehyde;
05,069	3413	706	123-15-9	2 Metilpentanal	2-Methylpentanal	2-Methylvaleraldehyde;
05,070	3165	730	2463-63-0	2-heptenal	2-Heptenal	3-Butylacrolein; -Butylacrolein;Hept-2-enal; Trans-Hept-2-enal;
05,071	3212	732	6750-03-4	Nona-2,4-dienal	Nona-2,4-dienal	
05,072	3213	733	18829-56-6	trans-2-nonenal	trans-2-Nonenal	3-Hexyl-2-propenal; Non-2-enal; 3 or -hexyl acrolein;Heptyliceneacetaldehyde;
05,073	2560	748	6728-26-3	Hex-2 (trans) -enal	Hex-2 (trans) -enal	-Propylacrolein; Leaf aldehyde;trans-hex-2-enal;
05,074	2389	2006	106-72-9	Dimetilgept- 2,6-5-enal	2,6-Dimethylhept-5-enal	Melonal; 2,6-Dimethyl-2-hepten-7-al;
05,075	2561	2008	6789-80-6	Hex-3 (cis) -enal	Hex-3 (cis) -enal	cis-beta, gamma-Hexylenic aldehyde; Hex-3-enal;
05,076	2366	2009	3913-71-1	Dec-2-enal	Dec-2-enal	Decenaldehyde; 3-Heptylacrolein;Decylenic aldehyde; Dec-2-enal; 2-Decen-1-al;
05,077	2749	2010	110-41-8	2 Metilundekanal	2-Methylundecanal	Methyl nonyl acetaldehyde;Aldehyde C-12; MNA; 2-Methylhendecanal; Methyl nonyl acetaldehyde;
05,078	3082	2011	7774-82-5	Tridecene-2-enal	Tridec-2-enal	3-Decylacrolein;
05,079	2310	2012	7492-67-3	Tsitronellilok siatsetaldegid	Citronellyl oxyacetaldehyde	Citronelloxyacetaldehyde; 6,10-Dimethyl-3-oxa-9-undecenal; 6,10 -Dimethyl-3 -oxaundec-9-enal
05,080	2887	2013	104-53-0	3 Fenilpropanal	3-Phenylpropanal	3-Phenylpropionaldehyde;Hydrocinnamaldehyde;Phenylpropyl aldehyde; Benzyl acetaldehyde; beta-Phenyl propionaldehyde;
05,081	3135	2120	2363-88-4	2,4-decadienal	2,4-Decadienal	Deca-2,4-dienal;
05,082		2121	13553-09-8	Dodeca-3,6-dienal	Dodeca-3,6-dienal	

05,084	3164	729	4313-03-5	2,4-hepta-dienal	Hepta-2,4-dienal	
05,085	3289	2124	6728-31-0	Hept-4-enal	Hept-4-enal	cis-4-Hepten-1-al; cis-4-Ethylidene butyraldehyde; n-Propylidenebutyraldehyde;
05,090	3194	2129	623-36-9	2-methylpent-2-enal	2-Methylpent-2-enal	alpha-Methyl-beta-ethyl acrolein;2,4-Dimethylcrotonaldehyde;
05,091	3697	2130	698-27-1	2-Hydroxy-4-methylbenzaldehyde	2-Hydroxy-4-methylbenzaldehyde	4-Methylsalicylaldehyde; 4-Methylsalicylic aldehyde; 2,4-Cresotaldehyde;
05,094	2957	2261	7775-00-0	3- (4-isopropylphenyl) propionaldehyde	3- (4-Isopropylphenyl) propionaldehyde	Cuminyl acetaldehyde;Cuminylacetaldehyde; p-Cymylpropanal; p-isopropylhydrocinnamaldehyde; p-propylhydrocinnamaldehyde;
05,095	3407	2281	497-03-0	2-methylcrotonic aldehyde	2-Methylcrotonaldehyde	2-Methylbut-2 (trans) -enal
05,096	3264	2297	30390-50-2	4 Detsenal	4-Decenal	Decenaldehyde, Dec-4-enal (cis);
05,097	2738	135	2439-44-3	3-Methyl-2-fenilbutiraldegid	3-Methyl-2-phenylbutyraldehyde	3-Methyl-2-phenylbutanal; alpha-Isopropylphenylacetaldehyde;alpha-iso-propyl phenylacetaldehyde;
05,098	3178	10347	29548-14-9	p-mentha-1-en-9-al	p-Menth-1-en-9-al	Carvomenthenal;
05,099	3199	10365	21834-92-4	5-Methyl-2-phenylhexyl-2-enal	5-Methyl-2-phenylhex-2-enal	2-Phenyl-5-methyl-2-hexenal;
05,100	3200	10366	26643-91-4	4-Methyl-2-phenylpent-2-enal	4-Methyl-2-phenylpent-2-enal	
05,101	3217	11695	764-40-9	Penta-2,4-dienal	Penta-2,4-dienal	
05,102	3218	10375	764-39-6	Pent-2-enal	Pent-2-enal	3-Ethylacrolein;
05,103	3318	10378	939-21-9	3-phenylpent-4-enal	3-Phenylpent-4-enal	beta-Vinylhydrocinnamaldehyde; 3-Phenyl-3-vinylpropionaldehyde;

05,104	3389	10383	116-26-7	2,6,6-trimethyl-tsiklogeksa 1,3-dien-1-carbaldehyde	2,6,6-Trimethyl-cyclohexa-1,3 -Diene 1-carbaldehyde	Safranal; Dehydro- -Cyclocitral;1,1,3-Trimethyl-2-formylcyclohexa-2,4-diene;
05,105	3392	10324	25409-08-9	2 Butilbut-2-enal	2-Butylbut-2-enal	2- Ethylidinehexanal; 2-Ethylidene hexanal;
05,106	3395	10379	564-94-3	Mirtenal	Myrtenal	Pin-2-en-10-al; Benihinal; 2-Formyl-6,6-dimethyl-bicyclo [3.1.1] hept-2-ene
05,107	3406	10361	35158-25-9	2-Isopropyl -5-methylhex-2-enal	2-Isopropyl-5-methylhex-2-enal	2-Isopropyl-5-methyl-2-hexenal;
05,108	3422	10385	13162-46-4	Undeca-2,4-dienal	Undeca-2,4-dienal	
05,109	3423	11827	2463-77-6	2 Undetsenal	2-Undecenal	2-Undecen-l-al;
05,110	3427		15764-16-6	2.4 Dimetilben-zaldegid	2.4-Dimethylben-zaldehyde	2,4-Xylylaldehyde; 1-Formyl-2,4-dimethylbenzene;
05,111	3466	10371	56767-18-1	Octa-2 (trans), 6 (trans) -dienal	Octa-2 (trans), 6 (trans) -dienal	
05,112	3474	10338	472-66-2	2,6,6 Trimetiltsiklogeks-1-en-1-acetaldehyde	2,6,6-Trimethylcyclohex-1-en-1-acetaldehyde	beta-Homocyclocitral;
05,113	3496	10337	4634-89-3	Hex-4-enal	Hex-4-enal	
05,114	3510	10364	5362-56-1	4-methylpent-2-	4-Methylpent-2-enal	

				enal		
05,115	3519	10377	24401-36-3	2-phenylpent-4-enal	2-Phenylpent-4-enal	
05,116	3524	10384	5435-64-3	3,5,5-Trimetilgeksanal	3,5,5-Trimethylhexanal	Isononylaldehyde; tert-Butylisopentanal;
05,117	3557	11788	2111-75-3	n Menta--1,8-dien-7-al	Mentha- P-1.8-Dien-7-al	Perilla aldehyde; 4-Isopropenyl-1-cyclohexene-1-carboxaldehyde;Perillaldehyde;
05,118	3567	11919	1963-36-6	4-methoxycinnamaldehyde	4-Metho-xycinnamaldehyde	3-4-Methoxyphenyl-2-propenal; 3- (4-Methoxyphenyl) prop-2-enal
05,119	3592	10325	4501-58-0	2,2,3-Trimetiltsiklopent-3-en-1-yl acetaldehyde	2,2,3-Trimethylcyclopent-3-en-1-yl acetaldehyde	alpha-Campholenic aldehyde;(2,3,3-Trimethylcyclopent-3-en-1-yl-2) acetaldehyde;
05,120	3637		21662-13-5	Dodeca-2,6 dienal	Dodeca-2,6-dienal	
05,121	3639	2133	432-25-7	2,6,6-trimethyl-1-cyclohexen-1-carboxaldehyde	2,6,6-trimethyl-1-cyclohexen-1-carboxaldehyde	1-Cyclohexene-1-carboxaldehyde, 2,6,6-trimethyl-
05,122	3640	10352	1504-75-2	n-aldehyde Metilkorichny	P-Methyl-innamaldehyde	3-p-Tolylpropenal; 3-p-Methylphenyl propenal; 3-(4-Methylphenyl) prop-2-enal
05,123	3645		55253-28-6	5-isopentyl-2-metiltsiklopentankarboksal-	5-Isopropenyl-2-methylcyclopentane carboxaldehyde	Photocitral A; Cis-2-Methyl-cis-5-isopropenylcyclopentan-1-carboxaldehyde; 5- (1-Methylene-ethyl) -2-methylcyclopentanecarboxaldehyde

				aldehyde		
05,124	3646	10354	107-86-8	Methyl 3- aldehyde rotonovy	3-Methyl- rotonaldehyde	3-Methyl but-2-enal; Prenal;Senecialdehyde; 3-Methylbut-2 (trans) -enal
05,125	3670	11758	21662-16-8	Dodeca-2,4-dienal	Dodeca-2,4-dienal	E, E-2,4-Dodecadienal;
05,126	3711	10363	49576-57-0	2-methyloctyl-2-enal	2-Methyloct-2-enal	
05,127	3721	11805	30361-28-5	Octa-2 (trans), 4 (Tran) -dienal	Octa-2 (trans), 4 (trans) -dienal	E, E-2,4-Octadienal;
05,128	3749		41547-22-2	Oct-5 (cis) -enal	Oct-5 (cis) -enal	(Z) -5-Octenal;
05,129		10350	135-02-4	2-meth- ksibenzaldegid	2-Metho- xybenzaldehyde	o-methoxybenzaldehyde; o-Anisaldehyde;
05,130	3141	10380	17909-77-2	alpha Sinensal	alpha-Sinensal	2,6-Dimethyl-10-methylene-2,6,11-dodecatrienal; 2,6-Dimethyl-1 0-methylene dodeca-2,6,11-trienal
05,134	2748	587	41496-43-9	2-Methyl-3- tolilpropio- new aldehyde (mixture of o, m, p)	2-Methyl-3- tolylpropionaldehyde (Mixed O, m, p-)	2-Methyl-3-tolyl propanal; 2-Methyl-3- (2,3 or 4-methylphenyl) propanal
05,137	3264	2297	21662-09-9	Dec-4 (cis) -enal	Dec-4 (cis) -enal	
05,139	3912		39770-05-3	Dec-9-enal	Dec-9-enal	
05,140	3135	2120	25152-84-5	Deca-2 (trans), 4 (trans) -dienal	Deca-2 (trans), 4 (trans) -dienal	2,4-Decadienal; Deca-2,4-dienal;Heptenyl acrolein;
05,142		10328	139-85-5	3,4-Digidroksiben- zaldegid	3.4-Dihydroxyben- zaldehyde	
05,144	2402	124	20407-84-5	Dodec-2 (trans) -	Dodec-2 (trans) -enal	

				enal		
05,147		10331	123-05-7	2-ethyl hexanal	2-Ethylhexanal	2-Ethyl hexaldehyde; Butyl ethyl acetaldehyde; Alpha-Ethylcaproaldehyde;
05,148	4019		19317-11-4	3,7,11-trimethyl-2,6,10-dodekatrienal	3,7,11-trimethyl-2,6,10-dodecatrienal	3,7,11-Trimethyl dodecatrien-2,6,10-al-1; Farnesal; Farnesone
05,150	3165	730	18829-55-5	Hept-2 (trans) -enal	Hept-2 (trans) -enal	(E) -2-hepten-1-al; 2-Heptenal;beta-Butyl acrolein; trans-hept-2-en-1-al;
05,152		10336	629-80-1	Geksadekanal	Hexadecanal	
05,153		10340	134-96-3	4-Hydroxy-3,5 dimetoksibenz-aldehyde	4-Hydroxy-3,5 dimethoxybenzaldehyde	
05,154		10341	4206-58-0	4-Hydroxy-3,5 dimetoksikorichny aldehyde	4-Hydroxy-3,5 dimethoxycinnamal-dehyde	Sinapaldehyde; 3- (4-Hydroxy-3,5-dimethoxyphenyl) prop-2-enal
05,155		10342	458-36-6	4-Hydroxy-3-methoxycinnamalde hyde	4-Hydroxy-3-methoxycinnamal-ehyde	3- (4-Hydroxy-3-methoxyphenyl) prop-2-enal
05,158		10351	591-31-1	3-meth-ksibenzaldegid	3-Metho-xybenzaldehyde	
05,166		10369	1119-16-0	4 Metilpentanal	4-Methylpentanal	4-Methylvaleraldehyde;
05,169	4005		75853-49-5	12 Metiltridekanal	12-Methyltridecanal	
05,170	2303	109	106-26-3	Neral	Neral	3,7-Dimethyl-2 (cis), 6-octadienal

05,171	3213	733	2463-53-8	Non-2-enal	Non-2-enal	beta-Hexylacrolein; alpha-Nonenyl aldehyde; Nonylenic aldehyde;
05,172	3766		17587-33-6	Nona-2 (trans), 6 (trans) -dienal	Nona-2 (trans), 6 (trans) -dienal	
05,173	4187		57018-53-8	Nona-2,4,6 Triennale	Nona-2,4,6-trienal	
05,174	4262		2100-17-6	4-pentenal	4-Pentenal	4-Pentenal
05,178		10381	60066-88-8	beta Sinensal	beta-Sinensal	2,6-Dimethyl-10-methylene dodeca-2,6,11-trienal
05,179	4209		51534-36-2	(E) tetradecyl 2enal	(E) -Tetradec-2-enal	
05,182	3639	10326	432-24-6	2,6,6 Trimetiltsiklo-hex-2-ene-1-carboxaldehyde	2,6,6-Trimethylcyclo-hex-2-ene-1-carboxaldehyde	beta-Cyclocitral;
05,184	3423	11827	53448-07-0	Undec-2 (trans) -enal	Undec-2 (trans) -enal	
05,186	3721	11805	5577-44-6	2.4 Oktadienal	2,4-Octadienal	
05,188	2303	109	141-27-5	trans-3, 7-dimethyloctyl-2,6-dienal	trans-3; 7-Dimethylocta-2,6 dienal	Geranial;
05,189	2560	748	505-57-7	2-hexenal	2-Hexenal	
05,190	3215	663	2548-87-0	trans-2-Oktenal	trans-2-Octenal	
05,191	2366	2009	3913-81-3	trans-2-Detsenal	trans-2-Decenal	
05,192	3923		4440-65-7	3-hexenal	3-Hexenal	
05,194	3212	732	5910-87-2	trans-2, trans-4-	tr-2, tr-4-Nonadienal	

				nonadienal		
05,195	3082	2011	7069-41-2	trans-2-Tridetsenal	trans-2-Tridecenal	
05,196	3422	10385	30361-29-6	trans-2, trans-4-Undekadienal	tr-2, tr-4-Undecadienal	
05,203	4059		5090-41-5	9 Oktadienal	9-Octadecenal	Olealdehyde; Elialdehyde;Octadecenyl aldehyde; Oleic Aldehyde
05,208	4066		169054-69-7	(Z) -8-Tetradetsenal	(Z) -8-Tetradecenal	(Z) -Tetradec-8-enal; 8-Tetradecenal, (Z) -
06,001	2002	35	105-57-7	1,1-diethoxyethane	1,1-Diethoxyethane	Diethyl acetal; Acetaldehyde diethyl acetal; Ethylidine diethyl ether; 1,1-Diethoxyethane .;
06,002	2129	36	1319-88-6	5-Hydroxy-2-phenyl-1,3-dioxane	5-Hydroxy-2-Phenyl-1.3-dioxane	Benzaldehyde glyceryl acetal; 5-Hydroxy-2-phenyl-1,3-dioxan; 2-Phenyl-m-dioxan-5-ol; 4-Hydroxy methyl-2-phenyl-1,3-dioxolan;Benzalglycerin;
06,003	2128	37	1125-88-8	alpha, alpha dimethoxytoluene	Alpha, alpha-Dimethoxytoluene	Benzaldehyde dimethyl acetal; 1,1-Dimethoxy phenyl methane;
06,004	2304	38	7492-66-2	Citral diethyl	Citral diethyl acetal	3,7-Dimethyl-2,6-octadienal diethyl acetal; 1,1-Diethoxy-3,7-dimethyl-2,6-octadiene; 1,1-Diethoxy-3,7-dimethylocta-2,6-diene
06,005	2305	39	7549-37-3	Citral dimethyl	Citral dimethyl acetal	3,7-Dimethyl-2,6-octadienal dimethyl acetal; 1,1-Dimethoxy-3,7-dimethyl-2,6-octadiene; 1,1-Dimethoxy-3,7-dimethylocta-2,6-diene
06,006	2876	40	101-48-4	1,1-Dimethoxy-2-phenylethane	1.1-Dimethoxy-2-phenylethane	alpha-Tolyl aldehyde dimethyl acetal; Phenylacetaldehyde dimethyl acetal;

06,007	2877	41	29895-73-6	Glyceryl acetal phenylacetaldehyde	Phenylacetaldehyde glyceryl acetal	5-Hydroxy-2-benzyl-1,3-dioxan; 5-Hydroxymethyl-2-benzyl-1,3-dioxolane; 2-Benzyl-4-hydroxy-1,3-dioxane and 2-Benzyl-4-hydroxymethyl-1,3-dioxolane (mixture)
06,008	2798	42	10022-28-3	1,1-Dimetoksioktan	1,1-Dimethoxyoctane	Octanal dimethyl acetal; C-8-dimethylacetal; Caprylaldehyde dimethyl acetal; Octaldehyde dimethyl acetal; Resedyl acetal;
06,009	2363	43	7779-41-1	10,10-Dimetoksidekan	10,10-Dimethoxydecane	Decanal dimethyl acetal;Decylaldehyde DMA; Aldehyde C-10 dimethylacetal; 1,1-Dimethoxydecane; Decylaldehyde dimethyl acetal;
06,010	2584	44	7779-94-4	1,1-diethoxy-3,7-dimetiloktan-7-ol	1.1 Diethoxy-3,7-dimethyloctan-7-ol	Hydroxycitronellal diethyl acetal;1,1-Diethoxy-3,7-dimethyl-7-octanol; 8,8-Diethoxy-2,6-dimethyl-2-octanol; 7-Hydroxy-1,1-diethoxy-3,7-dimethyl octane;
06,011	2585	45	141-92-4	1,1-Dimethoxy-3,7 dimetiloktan-7-ol	1.1 3,7-Dimethoxy-dimethyloctan-7-ol	Hydroxycitronellal dimethyl acetal;8,8-Dimethoxy-2,6-dimethyl-2-octanol; 1,1-Dimethoxy-3,7-dimethyl-7-octanol;
06,012	3067	46	09/01/1333	Glyceryl acetal toluatsetaldegida	Tolualdehyde glyceryl acetal	2- (o-, m-, p-Cresyl) -5-hydroxydioxan; 2- (methylphenyl) -1,3-dioxan-5-ol; 2-5-hydroxymethyldioxolane; 2- (2,3 and 4-Methylphenyl) -5-hydroxy-1,3-dioxane and 2- (2,3 and 4-Methylphenyl) -5-hydroxymethyl-1,3-dioxolane (mixture)
06,013	2062	47	91-87-2	Dimethyl alpha pentilkorichnogo aldehyde	alpha-dimethyl acetal Pentylcinnamaldehyde	alpha-n-Amyl-beta-phenylacroleindimethylacetal; 1,1-Dimethoxy-2-amyl-3-phenyl-2-propene; 1,1-Dimethoxy-2-pentyl-3-phenylprop-2-ene
06,014	2287	48	5660-60-6	Ethylene glycol acetal	Cinnamaldehyde ethylene glycol acetal	2-Styryl-m-dioxolane; 2-Styryl-1,3-dioxolane; Cinnamic aldehyde ethylene glycol acetal; 2- (2-Phenylethylene) -1,3-dioxolane

				cinnamaldehyde		
06,015	3426	510	534-15-6	1,1-Dimethoxyethan e	1,1-Dimethoxyethane	Acetaldehyde dimethyl acetal;Dimethylacetal; Ethylidene dimethyl ether;
06,016	2004	511	7493-57-4	1-phenylethoxy, 1-propoxy ethane	1-Phenylethoxy-1-propoxy ethane	Acetaldehyde phenethyl propyl acetal; [2- (1-Propoxyethoxy) ethyl] benzene; 1-Phenethoxy-1-propoxyethane; Propyl phenethyl acetal; Benzene, 2- (1-propoxyethoxy) ethyl; Acetal R;Pepital;
06,017		517	774-48-1	(Diethoxymethyl) benzene	(Diethoxymethyl) Benzene	Benzaldehyde diethyl acetal; 1,1-Diethoxyphenyl methane; Phenyl diethoxy methane; 1,1-Diethoxytoluene;
06,019	2148	523	7492-39-9	1-Benzyloxy-1- (2-methoxyethoxy) ethane	1-Benzyloxy-1- (2-methoxyethoxy) ethane	Acetaldehyde benzyl methoxyethyl acetal; Acetaldehyde benzyl -methoxyethyl acetal; 1-Benzoyl-1- (2-methoxyethoxy) ethane;
06,020		531	34764-02-8	1,1-Dietoksidekan	1,1-Diethoxydecane	Decanal diethyl acetal; Decan-1-al diethyl acetal; Decylic aldehyde diethylacetal;
06,021		553	688-82-4	1,1-Dietoksigeptan	1,1-Diethoxyheptane	Heptanal diethyl acetal; Oenanthal diethyl acetal;
06,023		557	3658-93-3	1,1-Dietoksigeksan	1,1-Diethoxyhexane	Hexanal diethyl acetal; Hexyl aldehyde diethyl acetal;
06,024	3384	595	68345-22-2	1,1-di -iso 2-phenylethan	1.1-Di-isobutoxy-2-phenylethane	Phenylacetaldehyde di-isobutyl acetal; 1,1-Di (2-methylpropoxy) -2-phenylethane
06,025	3378	660	67674-36-6	Dietoksinona- 1,1-2,6-diene	1.1-Diethoxynona-2.6-Diene	Nonadienyl diethyl acetal;
06,027	2875	669	5468-06-4	4,5-Dimethyl-2-benzyl-1,3-dioxolane	4,5-Dimethyl-2-benzyl-1.3-dioxolan	Phenylacetaldehyde 2,3-butylene glycol acetal;

06,028	2541	2015	10032-05-0	1,1-Dimetoksigeptan		1,1-Dimethoxyheptane	Heptanal dimethyl acetal; Aldehyde C-7 dimethyl acetal; Heptaldehyde dimethylacetal; Enanthal dimethyl acetal;
06,029	2542	2016	72854-42-3	Heptanal glyceryl acetal (mixture of 1,2 and 1,3 acetals)		Heptanal glyceryl acetal (mixed 1,2 and 1,3 acetals)	2-Hexyl-4-hydroxymethyl-1,3-dioxolan + 2-Hexyl-5-hydroxy-1,3-dioxane; 2-Hexyl-4-hydroxy-1,3-dioxane;
06,030	2888	2017	90-87-9	1,1-Dimethoxy-2-phenylpropane	1.1-Dimethoxy-2-phenylpropane	Phenylpropanal dimethyl acetal; Hydratropic aldehyde dimethyl acetal;2-Phenylpropionaldehyde dimethyl acetal;	
06,031	4047	2135	54306-00-2	Dietoksigeks- 1,1-2-ene	1,1-Diethoxyhex-2-ene	2-Hexenal diethyl acetal;	
06,032	2130	2226	2568-25-4	4-Methyl-2-phenyl-1,3-dioxolane	4-Methyl-2-phenyl-1.3-dioxolane	Benzaldehyde propylene glycol acetal; 4-Methyl-2-phenyl-m-dioxolane; 4-Methyl-2-phenyl-1,3-dioxolan; Benzaldehyde propylene glycol cyclic acetal;	
06,033		2341	871-22-7	1,1-Dibutoksietan	1,1-Dibutoxyethane	Acetaldehyde dibutyl acetal;	
06,034		2342	105-82-8	1,1-Dipropoksietan	1,1-Dipropoxyethane	n-Propyl acetal; Dipropyl acetal; Acetaldehyde dipropyl acetal;	
06,035		2343	10444-50-5	Propylene glycol	Citral propylene	2- (2,6-Dimethylhepta-1,5-dienyl) -4-methyl-1,3-dioxalane	

				acetal citral	glycol acetal	
06,036	3125	10007	64577-91-9	1-Butoxy-1- (2-phenylethoxy) ethane	1-Butoxy-1- (2-phenylethoxy) ethane	Acetaldehyde butyl phenethyl acetal; 2-Butoxy-2-phenylethoxy-ethane;
06,037	3349	10011	18492-65-4	Dietoksigept- 1,1-4-ene (cis and trans)	1,1-Diethoxyhept-4-ene (cis and trans)	4-Heptenal diethyl acetal;
06,038	3381	10029	5436-21-5	Dimetoksibutan-4,4-2-one	4,4-Dimethoxybutan-2-one	Acetylacetaldehyde dimethyl acetal; 3-Oxobutanal dimethyl acetal; 3-Ketobutyraldehyde, dimethyl acetal;
06,039	3534		67715-79-1	1,2-Di((1'-ethoxy) -ethoxy) propane	1.2-Di((1'-ethoxy) -ethoxy) Propane	4,6,9-Trimethyl-3,5,8,10-tetraoxadodecane;3,5,8,10-tetraoxadecane, 4,6,9-trimethyl-;
06,040	3593	11930	67715-82-6	1,2,3-tris([1'-ethoxy]	1,2,3-Tris([1' ethoxy]	3,5,9,11-Tetraoxatridecane, 7- (1-ethoxyethoxy) -4,10-dimethyl-;

				ethoxy) propane	-ethoxy) Propane	
06,041		100 55		1-isobutoxy -1-ethoxy-2-methylpropan	1-Isobutoxy-1-ethoxy-2-methylpropane	Isobutanal ethyl isobutyl acetal; 2-Methylpropanal ethyl isobutyl acetal; 1-Ethoxy-2-methyl-1-(2-methylpropoxy) propane
06,042		100 57		1-isobutoxy -1-ethoxy-3-methylbutan	1-Isobutoxy-1-ethoxy-3-methylbutane	Isovaleraldehyde ethyl isobutyl acetal; 3-Methylbutanal ethyl isobutyl acetal; 1-Ethoxy-3-methyl-1- (2-methylpropoxy) butane
06,043		100 38		Izoamiloksi- 1-1-ethoxypropane	1-Isoamyloxy-1-ethoxypropane	Propanal ethyl 3-methylbutyl acetal; 1-Ethoxy-1- (2-methylpropoxy) ethane
06,044		100 58		1-isobutoxy-1-ethoxypropane	1-Isobutoxy-1-ethoxypropane	Propanal ethyl isobutyl acetal; 1-Ethoxy-1- (2-methylpropoxy) propane
06,045		100		1-isobutox	1-Isobuto	Isobutanal isobutyl isoamyl acetal; 2-Methylpropanal isobutyl 3-methylbutyl

		61		y-1-isopentyloxy-2-methylpropan	xy-1-isopentyloxy-2-methylpropane	acetal; 2-Methyl-1- (3-methylbutoxy) -1- (2-methylpropoxy) propane
06,046		10060		1-isobutoxy-1-isopentyloxy-3-methylbutan	1-Isobutoxy-1-isopentyloxy-3-methylbutane	Isovaleraldehyde isoamyl isobutyl acetal; 3-Methylbutanal isobutyl 3-methylbutyl acetal; 3-Methyl-1- (3-methylbutoxy) -1- (2-methylpropoxy) butane
06,047		10065		1-isopentyloxy -1 propoksietan	1-Isopentyloxy-1-propoxyethane	Acetaldehyde 3-methylbutyl propyl acetal;1- (3-Methylbutoxy) -1-propoxyethane
06,048		10066		1-isopentyloxy -1 propoksipropan	1-Isopentyloxy-1-propoxypropane	Propanal 3-methylbutyl propyl acetal; 1- (3-Methylbutoxy) -1-propoxypropane
06,050		10003	57006-87-8	1-Butoxy-1-	1-Butoxy-1-	Acetaldehyde butyl ethyl acetal;

				ethoxyethane	ethoxyethane	
06,052		10025	13262-24-3	1,1-di-iso 2-methylpropan	1.1-Di-isobutoxy-2-methylpropane	Isobutanal di-isobutyl acetal; 2-Methylpropanal diisobutyl acetal; 1,1-Di (2-methylpropoxy) -2-methylpropane
06,053		10023	5669-09-0	1,1-Di-izobutoksietan	1.1-di-isobutoxyethane	Acetaldehyde di-isobutyl acetal; 1,1-Di (2-methylpropoxy) ethane
06,054		10026	13262-27-6	1,1-Di-izobutoksipentan	1.1-di-isobutoxypentane	Valeraldehyde di-isobutyl acetal; Pentanal diisobutyl acetal; 1,1-Di (2-methylpropoxy) pentane
06,055		10028	13002-09-0	1,1-Di-izopentiloksietan	1.1-di-isopentyloxyethane	Acetaldehyde di-isoamyl acetal; Acetaldehyde di (3-methylbutyl) acetal; 1,1-Di (3 -methylbutoxy) ethane
06,057		10013	3658-94-4	1,1-dietho xy-2-methylbutane	1.1-Diethoxy-2-methylbutane	2-Methylbutanal diethyl acetal;
06,058		10015	1741-41-9	1,1-dietho xy-2-methylpropan	1.1-Diethoxy-2-methylpropane	Isobutanal diethyl acetal; 2-Methylpropanal diethyl acetal;

06,059		10014	3842-03-3	1,1-dietho xy-3-methylbut ane	1.1-Dieth oxy-3-methylbut ane	Isovaleraldehyde diethyl acetal; 3-Methylbutanal diethyl acetal;
06,061		10009	3658-95-5	1,1-Dietok sibutan	1,1-Dieth oxybutane	Butanal diethyl acetal;
06,064		10012	462-95-3	Diethoxy methane	Diethoxy methane	Formaldehyde diethyl acetal;
06,065		10016	54815-13-3	1,1-Dietok sinonan	1,1-Dieth oxynonan e	Nonanal diethyl acetal;
06,067		10017	3658-79-5	1,1-Dietok sipentan	1,1-Dieth oxypentan e	Valeraldehyde diethyl acetal; Pentanal diethyl acetal;
06,069		10018	4744-08-5	1,1-dietho xypropane	1,1-Dieth oxypropa ne	Propanal diethyl acetal;
06,071		10022	5405-58-3	1,1-Digek siloksietan	1,1-Dihex yloxyetha ne	Acetaldehyde dihexyl acetal;
06,072	4098		18318-83-7	1,1-dimet hoxy-trans-2-he	1.1-Dimet hoxy-TRANS-2	1,1-Dimethoxy-E-2- hexene; 2-Hexene, 1,1-dimethoxy-, (2E) -; 2-Hexenal, dimethyl acetal, (E) -; 2-Hexene, 1,1-dimethoxy-, (E) -; (E) -2-Hexenal dimethyl acetal;trans-2-Hexenal dimethyl acetal

				xene	-hexene	
06,074		100 31	109-8 7-5	Dimethox ymethane	Dimethox ymethane	Formaldehyde dimethyl acetal; Methylal;
06,077	4099		3390-12-3	2,4-Dimet hyl-1,3-dioxolane	2.4-Dimet hyl-1,3 dioxolane	1,3-Dioxolane, 2,4-dimethyl-; Acetaldehyde cyclic propylene glycol acetal; Propylene acetal
06,079		100 40	13602 -09-0	1-Ethoxy-1- (2-methylbut oxy) ethane	1-ethoxy-1- (2-methylbut oxy) ethane	Acetaldehyde ethyl 2-methylbutyl acetal;
06,080		100 49	07/10/ 2556	1-Ethoxy-1- (2-phenyleth oxy) ethane	1-ethoxy-1- (2-phenyleth oxy) ethane	Acetaldehyde ethyl 2-phenylethyl acetal;
06,081	3775	100 34	28069 -74-1	1-Ethoxy-1- (3-geksenilko si) ethane	1-ethoxy-1- (3-hexenylox y) ethane	Ethyl cis-3-hexenyl acetal;Acetaldehyde ethyl 3-hexenyl acetal;
06,082		119 48	54484 -73-0	1-Ethoxy-1-geksiloksi	1-ethoxy-1-hexyloxye	Acetaldehyde ethyl hexyl acetal; 1- (1-Ethoxyethoxy) hexane;

				etan	thane	
06,083		100 37	13442 -90-5	1-Ethoxy-1-izopentiloksietan	1-ethoxy-1-isopentyloxyethane	Acetaldehyde ethyl 3-methylbutyl acetal; 1-Ethoxy-1- (3-methylbutoxy) ethane
06,084		100 39	10471 -14-4	1-Ethoxy-1-methoxyethyl	1-ethoxy-1-methoxyethane	Acetaldehyde ethyl methyl acetal;
06,085		100 46	59184 -43-9	1-Ethoxy-1-pentiloksietan	1-ethoxy-1-pentyloxyethane	Acetaldehyde ethyl amyl acetal; Acetaldehyde ethyl pentyl acetal;
06,086		100 50	20680 -10-8	1-Ethoxy-1-propoksietan	1-ethoxy-1-propoxyethane	Acetaldehyde ethyl propyl acetal;
06,089	4048		6454-22-4	2-Hexyl-4,5-dimethyl-1,3-dioxolane	2 Nehu1-4, 5-dimethyl-1,3 dioxolane	1,3-Dioxolane, 2-hexyl-4,5-dimethyl-; Heptanal 2,3-butandiol acetal

06,091		10054	6986-51-2	1-isobutoxy-1-ethoxyethane	1-Isobutoxy-1-ethoxyethane	Acetaldehyde ethyl isobutyl acetal
06,092		10059	75048-15-6	1-isobutoxy-1-izopentiloksietan	1-Isobutoxy-1-isopentyloxyethane	Acetaldehyde isobutyl isoamyl acetal;Acetaldehyde isobutyl 3-methylbutyl acetal; 1-(3-Methylbutoxy) -1- (2-methylpropoxy) ethane
06,094	3630		1599-49-1	4-Methyl-2-pentyl-1,3-dioxolane	4-Methyl-2-pentyl-1.3-dioxolane	
06,096		10903	122-51-0	Triethoxymethane	Triethoxymethane	Triethyl orthoformate; Ethyl orthoformate;
06,097		10075	7789-92-6	1,1,3-Trietoksipropan	1,1,3-Triethoxypropane	3-Ethoxypropanal diethyl acetal;
06,098	3441	11423	11/09/1193	2,2,4-trimethyl-1,3-dioxolan	2,2,4-Trimethyl-1.3-dioxolane	
06,100		10032	13002-08-9	Acetaldehyde	Acetaldehyde	

				dipentilatsetal	dipentyl acetal	
06,102		2016	1708-36-7	2-Hexyl-5-hydroxy-1,3-dioxane	2-Hexyl-5-hydroxy-1.3-dioxane	
06,104	3905		68527-74-2	Propylene glycol acetal of vanillin	Vanillin propylene glycol acetal	4-methyl-2- (4-hydroxy-3-methoxyphenyl) -1,3-dioxolane;
06,105		10070	13285-51-3	3-Methyl-1,1-di-izopentiloksibutan	3-Methyl-1.1-di-isopentyloxybutane	Isovaleraldehyde di-isoamyl acetal; 3-Methylbutanal di (3-methylbutyl) acetal; 3-Methyl-1,1-di (3-methylbutoxy) butane
06,106		10071	13112-63-5	2-Methyl-1,1-di-izopentiloksipropan	2-Methyl-1.1-di-isopentyloxypropane	2-Methyl-1,1-di (3-methylbutoxy) propane
06,107		10068	13548-84-0	1-(2-methylbutoxy) -1-izopent	1-(2-Methylbutoxy) -1-	Methylbutyl acetal; 1- (2-Methylbutoxy) -1- (3-methylbutoxy) ethane

				iloksietan	isopentyloxyethane	
06,120	3808		67785-70-0	1,2-Glitseroketal DL-Mentogl	DL-1,2-Menthone glycerol ketal	
06,123		10004		1-Butoxy-1-izopentiloksietan	1-Butoxy-1-isopentyloxyethane	Acetaldehyde butyl isoamyl acetal; 1-Butoxy-1- (3-methylbutoxy) ethane
06,124		10024		1,1-di-iso 3-methylbutan	1.1-Di-isobutoxy-3-methylbutane	Isovaleraldehyde di-isobutyl acetal; 3-Methylbutanal diisobutyl acetal; 1,1-Di (2-methylpropoxy) -3-methylbutane
06,125		10027		1,1-Di-izobutoksipropan	1.1-di-isobutoxypropane	Propanal di-isobutyl acetal;1,1-Di (2-methylpropoxy) propane
06,127		10036		1-Ethoxy-1-Izopentiloksipropan	1-ethoxy-1-isopentyloxypropane	Butanal ethyl isoamyl acetal; Butanal ethyl 3-methylbutyl acetal; 1-Ethoxy-1-(3-methylbutoxy) propane
06,128		10045		1-Ethoxy-1-	1-ethoxy-1-	Butanal ethyl amyl acetal;

				pentiloksi butan	pentyloxy butane	
06,129		100 43		1-Ethoxy-2-methyl -1 izopen-tiloksiprop an	1-Ethoxy-2-methyl-1-isopen-tyloxypro pane	Isobutanal ethyl isoamyl acetal; 2-Methylpropanal ethyl 3-methylbutyl acetal;1-Ethoxy-2-methyl-1- (3-methylbutoxy) butane
06,130		100 44		1-Ethoxy-2-methyl -1 propoksipr opan	1-Ethoxy-2-methyl-1-propoxy propane	Isobutanal ethyl propyl acetal; 2-Methylpropanal ethyl propyl acetal;
06,131		100 42		1-Ethoxy-3-methyl-1-isopenty loxy butane	1-Ethoxy-3-methyl-1-isopenty loxybutan e	Isovaleraldehyde ethyl isoamyl acetal; 3-Methylbutanal ethyl 3-methylbutyl acetal; 1-Ethoxy-3-methyl-1- (3-methylbutoxy) butane
06,132	4023		63253 -24-7	Butane-2, 3 diolatsetal vanilla (mixture of stereo	Vanillin butan-2,3-diol acetal (mixture of stereo isomers)	Vanillin erythro and threo-butan-2,3-diol acetal;

				isomers)		
07,001	2969	105	78-98-8	2 Oksopropanal	2-Oxopropanal	Pyruvaldehyde; 2-Ketopropionaldehyde; Acetylformaldehyde;Methyl glyoxal; Pyruvic aldehyde; Propan-2-on-1-al;
07,002	2544	136	110-43-0	Heptan-2-one	Heptan-2-one	Ketone C-7; Methyl amyl ketone; Amyl methyl ketone;
07,003	2545	137	106-35-4	Heptan-3-one	Heptan-3-one	Ethyl butyl ketone; Butyl ethyl ketone;
07,004	2009	138	98-86-2	Acetophenone	Acetophenone	Methyl phenyl ketone;Acetylbenzene;Acetylbenzol;Benzoylmethide; Phenyl methyl ketone;
07,005	3124	139	122-48-5	Vanilla acetone	Vanillyl acetone	Zingerone; 3-Methoxy-4-hydroxy-benzylacetone; 2-Ethyl methyl ketone; 3-Methoxy-4-methoxybenzylacetone;Vanillylacetone; 4-(4-Hydroxy-3-methoxyphenyl) butan-2-one
07,007	2594	141	127-41-3	alpha-Ionone	alpha-Ionone	4- (2,6,6-Trimethyl-2-cyclohexen-1-yl) -3-buten-2-one
07,008	2595	142	14901-07-6	beta-Ionone	beta-Ionone	-Irisone; 4- (2,6,6-Trimethyl-1-cyclohexen-1-yl) -3-buten-2-One; -Cyclocitrylideneacetone; 4- (2,6,6-Trimethylcyclohex-1-enyl) but-3-en-2-one
07,009	2711	143	7779-30-8	Alpha-Methyl ionone	Methyl-alpha-ionone	alpha-Cetone; 5- (2,6,6-Trimethyl-2-cyclohexen-1-yl) -4-penten-3-one;Raldeine; Alpha, ethyl ketone Cyclocitrylidenemethyl; 1- (2,6,6-Trimethylcyclohex-2-enyl) pent-1-en-3-one
07,010	2712	144	127-43-5	Methyl-beta-ionone	Methyl-beta-ionone	5- (2,6,6-Trimethyl-1-cyclohexen-1-yl) -4-penten-3-one; Raldeine; -Cyclocitrylidenebutanone, -Methylionone; -Iraldeine; 1-(2,6,6-Trimethylcyclohex-1-enyl) pent-1-en-3-one

07,011	2597	145	79-69-6	4-(2,5,6,6-tetramethyl-2-cyclohexenyl) -3-buten-2-one	4-(2,5,6,6-Tetramethyl-2-cyclohexenyl) -3-Buten-2-one	alpha-Irone; 6-Methylionone; 4 (2,5,6,6-Tetramethyl-2-cyclohexen-1-yl) -3-buten-2-one;
07,012	2249	146	99-49-0	Carvone	Carvone	Carvol; l-Methyl-4-isopropenyl-6-cyclohexen-2-one; p-Mentha-1,8-dien-2-one
07,013	2723	147	03/08/93	2-Methyl naphthyl ketone	Methyl 2-naphthyl ketone	2-Acetonaphthone; 2-acetylnapthalene; oranger crystals; beta-methyl naphthyl ketone; beta-Acetonaphthone;
07,014	2656	148	118-71-8	Maltol	Maltol	Veltol (Pfizer); Corps praline; 4H-Pyran-4-one, 3-hydroxy-2-methyl; 3-Hydroxy-2-methyl-(1,4-pyran); 2-Methyl pyromeconic acid; 3-Hydroxy-2-methyl-4-pyrone
07,015	2707	149	110-93-0	6-methylhept-5-en-2-one	6-Methylhept-5-en-2-one	Methyl heptenone; 2-Methyl-2-hepten-6-one; 2-Methylheptenone; Methyl hexenyl ketone;
07,016	3093	150	112-12-9	Undecan-2-one	Undecan-2-one	Methyl nonyl ketone; 2-hendecanone;Undecanone-2; Methyl nonyl ketone; 2-Hendecanone; 2-Oxoundecane; Nonyl methyl ketone;
07,017	2731	151	108-10-1	4-methylpentan-2-one	4-Methylpentan-2-one	Methyl isobutyl ketone;Isobutyl methyl ketone;Isopropylacetone;Isohexanone; Hexone;

07,018	2558	152	3848-24-6	Hexane-2,3-dione	Hexan-2,3-dione	Methyl propyl diketone;Acetyl butyryl; Acetyl-n-butyryl;
07,019	2802	153	111-13-7	Octan-2-one	Octan-2-one	Methyl hexyl ketone; n-Hexyl methyl ketone; Hexyl methyl ketone; Octan-2-one;
07,020	2785	154	821-55-6	Nonane-2-one	Nonan-2-one	Methyl heptyl ketone;
07,021	3090	155	7493-59-6	Undeca-2,3-dione	Undeca-2,3-dione	Acetyl nonanyl; Acetyl nonanoyl; Acetyl pelargonyl;
07,022	2677	156	122-00-9	4-methyl latsetofenon	4-Methy-lacetophenone	p-Methylacetophenone;Methyl p-tolyl ketone; 1-Acetyl-4-methylbenzene; 1-methyl-4-acetyl benzene;
07,023	2387	157	89-74-7	2.4 Dimetilatseto-benzophenone	2.4-Dimethylaceto-phenone	Acetyl-m-Xylene; methyl 2,4-Dimethylphenyl ketone;
07,024	2881	158	122-57-6	4-phenylbut-3-en-2-one	4-Phenylbut-3-en-2-one	Benzylidene acetone;Cinnamyl methyl ketone;Methyl styryl ketone;Acetocinnamone;Benzalacetone;
07,025	2740	159	5349-62-2	4-Methyl-1-phenylpentan-2-one	4-Methyl-1-phenylpentan-2-one	Benzyl isobutyl ketone;Isobutyl benzyl ketone;

07,026	3074	160	7774-79-0	4-(p-tolyl) butan-2-one	4-(p-Tolyl) butan-2-one	4- (4-Methylphenyl) butan-2-one
07,027	2734	161	1901-26-4	3-Methyl-4-phenylbut-3-en-2-one	3-Methyl-4-phenylbut-3-en-2-one	Benzylidene methyl acetone; 1-Methyl-1-benzylideneacetone; 3-Benzylidene-2-butanone;alpha-Methyl-alpha-Benzalacetone;
07,028	2132	162	119-53-9	Benzoin	Benzoin	Benzoyl phenyl carbinol;alpha-Hydroxy-alpha-phenylacetophenone; 2-Hydroxy-1,2-diphenylethane; 2-Hydroxy-2-phenylacetophenone
07,029	2672	163	104-20-1	4- (4-methoxyphenyl) butan-2-one	4- (4-Methoxyphenyl) butan-2-one	Anisyl acetone; p-methoxyphenylbutanone;2-Butanone, 4- (4-methoxyphenyl) -;Raspberry ketone, methyl ether; methyl oxanone; p-Methoxybenzylacetone;
07,030	2673	164	104-27-8	1-(4-Methoxyphenyl) pent-1-ene-3-one	1-(4-Methoxyphenyl) Pent-1-en-3-one	Ethone; alpha-Methylanisalacetone;Alpha-Methyl anisylidene acetone; p-Methoxystyryl ethyl ketone;

07,031	2701	165	55418-52-5	Piperonyl acetone	Piperonyl acetone	2-Butanone, 4- (1,3-benzodioxol-5-yl); Dulcinyl;Heliotropyl acetone; 4-(3,4-Methylenedioxyphenyl) butan-2-one
07,032	2134	166	119-61-9	Benzophenone	Benzophenone	Benzoylbenzene; Diphenyl ketone;Diphenylmethanone;Alpha-Oxodiphenylmethane;
07,033	3552	167	11050-62-7	Izozhasmon	Isojasmone	2-Hexyl-cyclopent-2-en-1-one and 2-Hexylidene cyclopentanone
07,034	2573	167	17373-89-6	2 Geksili-dentsiklopentan-1-one	2-Hexyli-denecyclopentan-1-one	alpha-Hexylidenecyclopentanone;
07,035	3061	168	17369-60-7	Tetrameth yl etiltsiklog eksenon (mixture of isomers)	Tetrameth yl ethylcyclo hexenone (mixture of isomers)	
07,036	2714	169	127-51-5	alpha-iono ne isometric	alpha-Iso methyl ionone	4- (2,6,6-Trimethyl-2-cyclohexen-1-yl) -3-methyl-3-buten-2-one; Methyl-gamma-Ionone;Isomethylionone; Gamma-Methylionone; 4-(2,6,6-Trimethylcyclohex-2-enyl) -3-methylpent-3-en-2-one
07,038	2005	570	100-06-1	4-meth-ksiatsetofe non	4-Metho-xyacetoph enone	Acetanisole; p-Acetylanisole; 4-Acetylanisole;

07,039	2804	592	7786-52-9	Octan-3-one-1-ol	Octan-3-on-1-ol	3-Oxo-1-octanol;Caproylethanoate;Hexanoylethanoate;Methylol methyl amyl ketone; 1-hydroxyoctan-3-on;
07,040	3469	599	93-55-0	Fenilpropan- 1-1-one	1-Phenylpropan-1-one	Propiophenone; Phenyl ethyl ketone;Propionylbenzene;
07,041	4151	650	79-89-0	beta Izometilionon	beta-Isomethylionone	Isomethyl beta-ionone; 3-Methyl-4- (2,6,6-trimethylcyclohex-1-enyl) but-3 -en-2-one
07,042	2927	651	645-13-6	4-isopropyl pilatsetofenon	4-Isopro-pylacetophenone	Methyl p-isopropylphenyl ketone; p-Acetylcumene; p-Propylacetophenone;
07,044	3417	666	625-33-2	Pent-3-en-2-one	Pent-3-en-2-one	
07,045	3473	686	2408-37-9	2,2,6-trimethyl tiltsikloheksanon	2,2,6-Trime-thylcyclohexanone	
07,046	3738	691	02/12/1080	Vanilidenacetone	Vanillylidene acetone	Methyl-3-methoxy-4-hydroxystyryl ketone;Dihydrozingerone; 4-(4-Hydroxy-3-methoxyphenyl) but-3-en-2-one
07,047	3487	692	4940-11-8	Egilmaltol	Ethyl maltol	Veltol-Plus; 2-Ethylpyromeconic acid; 3-Hydroxy-2-ethyl-4-pyrone;2-Ethyl-3-ol-4H-pyran-4-one; 2-Ethyl-3-hydroxy-4-pyrone

07,048	3352	718	2497-21-4	4-hexen-3-one	Nehep 4-3-one	2-Hexen-4-one; Hex-2-en-4-one; Propylene ethyl ketone;
07,049	3760	719	103-13-9	1- (4-Methoxyphenyl) -4-methylpent-1-ene-3-one	1- (4-Methoxyphenyl) -4-methylpent-1-en-3-one	Methoxystyryl isopropyl ketone; Isopropyl 4-methyloxystyryl ketone;
07,050	3326	737	67-64-1	Acetone	Acetone	Propan-2-one; Dimethyl ketone; 2-Oxopropane; -Ketopropane; Pyroacetic ether;
07,051	2008	749	513-86-0	3-hydroxybutane-2-one	3-Hydroxybutan-2-one	Acetoin; AMC; Acetyl methyl carbinol; 2,3-Butanolone; Dimethylketol;3-Hydroxy-2-butanone;Gamma-hydroxy-beta-oxobutane;
07,052	2370	752	431-03-8	Diacetyl	Diacetyl	Dimethyl diketone;Biacetyl; 2,3-diketobutane;2,3-Butanedione;Dimethylglyoxal; Butane-2,3-dione
07,053	2170	753	78-93-3	Butan-2-one	Butan-2-one	Ethyl methyl ketone; Methyl ethyl ketone; Ketone C-4;
07,054	2842	754	107-87-9	Pentan-2-one	Pentan-2-one	Ethyl acetone; Methyl propyl ketone; Propyl methyl ketone; Pentane-2-one;
07,055	2588	755	5471-51-2	4-(p-Hydroxyphenyl) butan-2-o	4-(p-Hydroxyphenyl) butan-2-o	p-Hydroxybenzyl acetone;oxyphenalon; Frambinone;1-p-Hydroxyphenyl-3-butanone; p-Hydrobenzylacetone; p-Hydroxybenzylacetone;

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07,056	2700	758	80-71-7	3-methylcyclopentane-1,2-dione	3-Methylcyclopentan-1.2-dione	2-Hydroxy-3-methylcyclopent-2-en-1-one;Methylcyclopentenolone; 3-Methylcyclepentane-1, 2-dione; cyclotene; Corylone;3-Methyl-2-cyclopenten-2-ol-1-one;
07,057	3152	759	21835-01-8	Etiltsiklopentan- 3-1,2-dione	3-Ethylcyclopentan-1.2-dione	2-Hydroxy-3-ethyl-2-cyclopenten-1-one; Ethyl cyclopentenolone; Ethyl cyclopentalone; 3-Ethyl-2-cyclopenten-2-ol-1-one;
07,058	2546	2034	123-19-3	Heptane-4-one	Heptan-4-one	Dipropyl ketone; Butyrone;
07,059	2667	2035	10458-14-7	p-menthane-3-one	p-Menthan-3-one	2-Isopropyl-5-methylcyclohexanone; 4-Isopropyl-1-methylcyclohexan-3-one;
07,060	2841	2039	600-14-6	Pentane-2, 3-dione	Pentan-2, 3-dione	Acetyl propionyl;
07,061	2033	2040	79-78-7	Allyl alpha ionone	Allyl alpha-ionone	1- (2,6,6-Trimethyl-2-cyclohexene-1-yl) -1,6-heptadien-3-one; Allyl cyclocitrylideneacetone;alpha-AllyliononeS; 1- (2,6,6-Trimethylcyclohex-2-enyl) -1,6-heptadien-3-one
07,062	2803	2042	106-68-3	Octan-3-one	Octan-3-one	Ethyl amyl ketone; Amyl ethyl ketone;
07,063	2730	2043	7493-58-5	Metilpentan- 4-2,3-dione	4-Methylpentan-2.3-dione	Acetyl isobutyryl;

07,064	2543	2044	04/08/96	Heptane-2,3-dione	Heptan-2,3-dione	Acetyl pentanoyl; Acetyl valeryl; Valeryl acetyl;
07,065	2587	2045	496-77-5	Gidroksioktan- 5-4-one	5-Hydroxyoctan-4-one	Butyroin; 5-Octanol-4-one;
07,067	2964	2051	29606-79-9	Izopulegon	Isopulegone	1-Methyl-4-isopropenylcyclohexan-3-one; 1-Methyl-4-isopropenyl-3-cyclohexanone; 1-Isopropyl-4-methyl-2-cyclohexanone; p-Menth-8-en-3-one
07,069	3059	2053	4433-36-7	Tetrahydro pseudo-ionone	Tetrahydro-pseudo-ionone	6,10-Dimethyl-9-undecen-2-one;Dihydrogeranylacetone ,;6,10-Dimethylundec-9-en-2-one
07,070	2146	2140	7492-37-7	Benzilgeptan- 3-4-one	3-Benzylheptan-4-one	
07,071		2141	5455-24-3	Octane-4,5-dione	Octane-4,5-dione	Dibutyryl;
07,072		2143	624-42-0	6-methylheptan-3-one	6-Methylheptan-3-one	Isoamyl ethyl ketone;
07,075	3268	2234	13494-06-9	3,4-dimethyl tiltsiklopentan-	3.4-Dimethylcyclopentan-1.2-	2-Hydroxy-3,4-dimethyl-2-cyclopenten-1-one;

				1,2-dione	dione	
07,076	3269	2235	13494-07-0	3,5-dimethyl tiltsiklopentan-1,2-dione	3.5-Dimethylcyclopentan-1.2-dione	
07,077	3168	2255	4437-51-8	Hexane-3,4-dione	Hexan-3,4-dione	Dipropionyl; 3,4-Dioxohexane; Diethyl-alpha, beta-di-ketone;
07,078	3460	2259	491-07-6	d,1-isomenthone	d,1-Isomenthone	Cis-1-Methyl-4-isopropyl-3-cyclohexanone; cis-para-Menthan-3-one; cis-p-Menthan-3-one
07,079	3226	2275	579-07-7	Fenilpropan- 1-1,2-dione	1 Phenylpropan--1.2-dione	Acetyl benzoyl; Methyl phenyl diketone; Methyl phenyl glyoxal; Phenyl methyl diketone;
07,080	3305	2311	3008-43-3	Metiltsikl ogeksan-3-1,2-dione	3-Methylcyclohexan-1.2-dione	3-Methyl-1,2-cyclohexanedione; 2-Methyl-3,4-cyclohexanedione;
07,081	3515	2312	4312-99-6	Oct-1-ene-3-one	Oct-l-en-3-one	Vinyl amyl ketone; Amyl vinyl ketone;
07,082	3603	2313	4643-27-0	Oct-2-ene-4-one	Oct-2-en-4-one	Butyl propenyl ketone;Propenyl butyl ketone;

07,083	3243	2340	23726-92-3	beta-damascone	beta-Damascone	1- (2,6,6-Trimethylcyclohex-1-enyl) but-2-en-1-one
07,084		2350	96-22-0	Pentan-3-one	Pentan-3-one	Dimethyl acetone; Diethyl ketone; Dimethylacetone;Propione; Methacetone;
07,086	2397	11839	102-04-5	1,3 Difenilpropan-2-one	1,3 Diphenylpropan-2-one	Dibenzyl ketone; Alpha, alpha-Diphenylketone;Benzyl ketone;
07,087	2674	11836	122-84-9	4-meth-ksifenilatseton	4-Metho-xyphenylacetone	Anisyl methyl ketone; 3- (4-Methoxyphenyl) propan-2-one; p-Methoxyphenylacetone;Anisketone; Anisic ketone;
07,088	2713	11852	7784-98-7	Methyl-delta-ionone	Methyl-delta-ionone	5- (2,6,6-Trimethyl-3-cyclohexen-1-yl) -4-penten-3-one; 1- (2,6,6-Trimethylcyclohex-3-enyl) pent-1-en-3-one
07,089	3166	11164	4674-50-4	Nutkaton	Nootkatone	5,6-Dimethyl-8-isopropenylbicyclo [4.4.0] dec-1-en-3-one; 4,4a, 5,6,7,8-Hexahydro-6-isopropenyl-4,4a-dimethyl-2 (3H) -naphthalene; 4,4a, 5,6,7,8-Hexahydro-4,4a-dimethyl-6- (1-methylene-ethyl) -2 (3H) -naphthalenone
07,090	3173	11102	5077-67-8	Gidroksibutan- 1-2-one	1-Hydroxybutan-2-one	2-Oxo-1-butanol; Propionyl cabinol; Ethyl hydroxymethyl ketone; 1-Butanol-2-one;
07,091	3175		79-76-5	gamma-Ionone	gamma-Ionone	4- (2,2-Dimethyl-6-methylene-cyclohexyl) -3-buten-2-one; 4- (2-Methylene-6,6-dimethylcyclohexyl) -3-buten-2-one; 4- (2,2-Dimethyl-6-methylenecyclohexyl) but-3-en-2-one
07,092	3176	111	499-7	p-menthan	p-Mentha	Carvomenthone;Tetrahydromenthone;Tetrahydrocarvone;

		28	0-7	e-2-one	n-2-one	
07,093	3190	11148	13706-86-0	Metilgeksan- 5-2,3-dione	5-Methylhexan-2.3-dione	2-Methyl-4,5-hexanedione;Acetyl isovaleryl; Isobutyl methyl diketone; Isobutyl methyl glyoxal;
07,094	3196	11786	488-10-8	3-Methyl-2- (pent-2 (cis) -enyl) cyclopent-2-ene-1-it	3-Methyl-2- (pent-2 (CIS) -enyl) cyclopent-2-en-1-One	cis-Jasmone;
07,095	3261	11044	14765-30-1	2- (sec-butyl) cyclohexanone	2- (sec-Butyl) Cyclohexanone	2-But-2-ylcyclohexanone;2- (1-Methylpropyl) cyclohexanone
07,096	3290	11097	589-38-8	Hexane-3-one	Hexan-3-one	Ethyl propyl ketone;
07,097	3292	11113	59191-78-5	3- (Hydroxymethyl) octan-2-one	3- (hydroxymethyl) Octan-2-one	

07,098	3360	11134	1193-18-6	Metiltsikl ogeks- 3-2-en-1-on e	3-Methylc yclohex-2-en-1-on e	1-Methyl-1-cyclohexenone-3;
07,099	3363	11143	1604-28-0	Metilgepta - 6-3,5-dien-2 -one	Methylhe pta- 6-3.5-Dien-2-one	2-methyl-hepta-2,4-dien-6-one; Methylheptadienone ,;
07.100	3365	11150	3240-09-3	5-methylh ex-5-ene-2-one	5-Methylh ex-5-en-2-one	2-Methylallylacetone; 2-Methyl-1-hexen-5-one; 2-Methyl-allyl-acetone;
07,101	3368	11853	141-79-7	4-methylp ent-3-en-2-one	4-Methylp ent-3-en-2-one	Mesityl oxide; Methyl isobutenyl ketone;Isopropylideneacetone;
07,102	3382	11179	1629-58-9	Pent-1-ene -3-one	Pent-1-en-3-one	Ethyl vinyl ketone;
07,103	3388	11194	593-08-8	Tridecane-2-one	Tridecan-2-one	Methyl undecyl ketone;Hendecyl methyl ketone;
07,104	3399	11093	4643-25-8	Hept-2-en e-4-one	Hept-2-en -4-one	
07,105	3400	11094	1119-44-4	Hept-3-en -2-one	Hept-3-en -2-one	Methyl pentenyl ketone;Butylidene acetone; n-Butylideneacetone;
07,106	3409	111	5166-	5-methylh	5-Methylh	Isobutylidene acetone;

		49	53-0	ex-3-ene-2-one	ex-3-en-2-One	
07,107	3416	11170	1669-44-9	Oct-3-en-2-one	Oct-3-en-2-one	
07,108	3420	11197	23696-85-7	beta Damastsenon	beta-Damascenone	4- (2,6,6-trimethylcyclohexa-1,3-dienyl) -but-2-en-4-one; 1-(2,6,6-Trimethylcyclohexa-1,3-dienyl) but-2-en-1-one
07,109	3421	11200	1125-21-9	2,6,6 Trimetiltsiklo-hex-2-ene-1,4-dione	2,6,6-Trimethyl cyclohex-2-en-1,4-dione	3,5,5-Trimethylcyclohex-2-ene-1,4-dione; 2-Cyclohexenedione-1,4, 3,5,5-trimethyl-;
07,110	3425	11744	542-46-1	Cycloheptadecyl-9-ene-1-one	9-Cycloheptadec-en-1-one	Civettone; Civetone;
07,111	3434	11135	541-91-3	3-Methyltsiklopentadekan-1-one	3-Methyl-cyclopentadecan-1-one	Muscone; Methylexaltone;
07,112	3435	111	2758-	3-Methyl-	3-Methyl-	1-Methyl-1-cyclopenten-3-one;

		37	18-1	2-cyclopenten-1-one	2-cyclopenten-1-one	
07,113	3440	11160	925-78-0	Nonane-3-one	Nonan-3-one	Ethyl hexyl ketone;
07,114	3442	11206	762-29-8	6,10,14-Trimetilpentadeka-5,9,13-trien-2-one	6,10,14-Trimethylpentadeca-5,9,13-trien-2-one	Farnesyl acetone; 2,6,10-Trimethyl-2,6,10-pentadecatrien-14-one;6,10,14-Trimethyl-5,9,13-pentadecatrien-2-one;
07,115	3447	11057	20483-36-7	3,4-Dehydro dihydro ionone beta	3,4 Dehydrodihydro-Beta-ionone	Dehydrodihydroionone; 4- (2,6,6-trimethylcyclohexadien-1-yl) -2-butanone; 4-(2,6,6-Trimethyl-1,3-cyclohexadienyl) butan-2-one
07,116	3449	11062	43219-68-7	1- (1,4 Dimetiltsiklogeks-3-en-1-yl) ethan-1-it	1- (1,4 Dimethylcyclohex-3-en-1-YL) Ethan-1-One	4-Acetyl-1,4-dimethylcyclohex-1-ene;

07,117	3453	11077	42348-12-9	3-Ethyl-2-hydroxy-4-metiltsiklopent-2-en-1-one	3-Ethyl-2-hydroxy-4-methylcyclopent-2-en-1-one	3-Ethyl-4-methylcyclotene;Ethylcyclopentenolone; 3-Ethyl-2-cyclopenten-2-ol-1-one;
07,118	3454	11078	53263-58-4	5-Ethyl-2-hydroxy-3 metiltsiklopent-2-en-1-one	5-Ethyl-2-hydroxy-3-methylcyclopent-2-en-1-one	5-Ethyl-3-methylcyclotene;
07,119	3458	11046	10316-66-2	2 Hydroksitsikllogeks-2-ene-1-one	2-Hydroxycyclohex-2-en-1-one	Cyclohexane-1,2-dione;
07,120	3459	11198	4883-60-7	2-Hydroxy-3,5,5-trimetiltsiklogeks-2-en-1-one	2-Hydroxy-3,5,5-trimethylcyclohex-2-en-1-one	3,5,5-Trimethylcyclohexane-1,2-dione; 3,5,5-Trimethyl-1,2-cyclohexanedione;
07,121	353	1175	10519-3	Dec-3-ene-2-one	Dec-3-en-2-one	Heptylidene acetone;Oenanthylidene acetone; Enanthylidene acetone;

	2	1	3-2			
07,122	3537	11914	108-83-8	2,6-Dimetilgeptan -4-one	2,6-Dimethylheptan-4-one	Diisobutyl ketone;Isobutyl ketone; iso-Nonanone; Isovalerone;
07,123	3542	11088	3796-70-1	Geranilatseton	Geranylacetone	alpha, beta-dihydropseudoionone;6,10-Dimethyl-5 (trans), 9-undecadien-2-one
07,124	3548	11784	118-93-4	2 Hydro ksiatsetofenon	2-Hydro xyacetophenone	Ethanone, 1- (2-hydroxyphenyl) -; o-acetylphenol;
07,125	3550	11115	3142-66-3	Gidroksipentan-3-2-one	3-Hydroxypentan-2-one	Acetyl ethyl barbonol;
07,126	3553	11918	78-59-1	3,5,5-Trimetiltsikloge ks-2-en-1-one	3,5,5-Trimethylcyclohe x-2-en-1-one	Isophorone;Isoacetopherone;
07,127	3560	11189	491-09-8	p-mentha-1,4 (8) -dien-3-one	p-Mentha-1,4 (8) -Dien-3-one	Piperitenone; 4-Isopropylidene-1-methyl-1-cyclohexen-3-one;
07,128	3565	11703	7764-50-3	Digidrokarvon	Dihydrocarvone	Cis-Dihydrocarvone;cis-Menthen-8 (9) -one (2); 1-Methyl-4-isopropenylcyclohexan-2-one; p-Menth-8 (10) -en-2-one
07,129	3577		3720-16-9	3-Methyl-5-propiltsiklogeks-2-en-1-one	3-Methyl-5-propylcyclohex-2-en-1-one	1-Methyl-5-n-propyl-1-cyclohexen-3-one;

07,130	3622		57378-68-4	delta-damascone	delta-Damascone	1- (2,6,6-Trimethylcyclohex-3-enyl) but-2-en-1-one
07,131	3626	11060	17283-81-7	Dihydro-beta-ionone	Dihydro-beta-ionone	4- (2,6,6-Trimethyl-2-cyclohexenyl) butan-2-one; 4- (2,6,6-Trimethylcyclohex-1-enyl) butan-2-one
07,132	3628	11059	31499-72-6	Dihydro-alpha-ionone	Dihydro-alpha-ionone	4- (2,6,6-Trimethylcyclohex-2-enyl) butan-2-one
07,133	3653		13171-00-1	4-acetyl-6-tert-butyl-1,1 dimetiliden	4-Acetyl-6-T-butyl-1.1-dimethylindane	Celestolide; 4-Acetyl-1,1-dimethyl-6-tert-butylindane; Acetyl-6-tert-butyl-2,3-dihydro-1, 1-dimethy lindane
07,134	3659	11053	43052-87-5	alpha-damascone	alpha-Damascone	4- (2,6,6-Trimethyl-2-cyclohexenyl) -2-butene-4-one; 1-(2,6,6-Trimethylcyclohex-2-enyl) but-2-en-1-one
07,135	3662	11884	28631-86-9	2,4-Dihydro-ksiatsetofenon	2.4-Dihydro-xyacetophenone	1-Ethanone;
07,136	3715		34545-88-5	4,4a, 5,6-tetrahydro-7-metilnaftalin-2 (3H) -one	4,4a, 5,6 -tetrahydro 7-methylnapthalen-2 (3H) -one	
07,137	3724	11808	2345-28-0	Pentadecane-2-one	Pentadecan-2-one	Methyl tridecyl ketone;
07,138	3725		63759-55-7	2 Pentilbut-1-ene-3-one	2-Pentylbut-1-en-3-one	3-Methylene-2-octanone; 3-Methyleneoctan-2-one

07,139	3761		81925-81-7	5-methylhept-2-en-4-one	5-Methylhept-2-en-4-one	2-Hepten-4-one, 5-methyl;
07,140	3763		01/08/1128	3-Methyl-2-pentiltsiklopent-2-en-1-one	3-Methyl-2-pentylcyclopent-2-en-L-One	Dihydrojasmone; 2-Pentyl-3-methyl-2-cyclopenten-1-one; 3 -Methyl-2-(n-pentanyl) -2-cyclopentene-1-one;
07,142		11035	498-02-2	Atsetovanilon	Acetovanillone	4-Hydroxy-3 -methoxyacetophenone
07,146	2249	146	2244-16-8	d-Karvon	d-Carvone	dp-Mentha-1,8-dien-2-one
07,147	2249	146	6485-40-1	1 Karvon	1-Carvone	1-p-Mentha-1,8-dien-2-one
07,148	3909	11047	108-94-1	Cyclohexanone	Cyclohexanone	Cyclohexyl ketone;Hexanon;Ketohexamethylene;
07,149	3910	11050	120-92-3	Cyclopentanone	Cyclopentanone	Ketocyclopentane;Ketopentamethylene;
07,150		11055	693-54-9	Decan-2-one	Decan-2-one	
07,151	3966	11056	928-80-3	Decan-3-one	Decan-3-one	
07,153	3776		20489-53-6	1,10 Digidronutkaton	1,10 Dihydronootkatone	1,2,6-Trimethyl-9-isopropylene-bicyclo [4.4.0] decan-4-one

07,154		11106	5650-43-1	1-(3,5-dimethoxy-4-hydroxyphenyl) propan-1-one	1-(3.5-Dimethoxy-4-hydroxyphenyl) Propan-1-one	Propiosyringone; 3,5-Dimethoxy-4-hydroxypropiophenone;
07,157		11068	1604-34-8	6,10-Dimetilundekan-2-one	6,10-Dimethylundecan-2-one	
07,158		11069	6175-49-1	Dodecane-2-one	Dodecan-2-one	
07,159	2479	551	4695-62-9	d-fenchone	d-Fenchone	d-1,3,3 -Trimethyl-2-norbornanone; 1,3,3-Trimethyl-bicyclo [2.2.1] heptan-2-one
07,160		11089	2922-51-2	Heptadecane-2-one	Heptadecan-2-one	Methyl pentadecyl ketone;
07,164		11105	2478-38-8	4-Hydroxy-3,5 Dimetoksiatseto-benzophenone	4-Hydroxy-3,5 Dimethoxyaceto-Phe none	Acetosyringone;
07,167		11108	4984-85-4	Gidroksigeksan-4-3-one	4-Hydroxyhexan-3-one	
07,168	414		490-03-9	(+/-) -	(+/-) - 2-	Piperitone,

	3			2-Hydroxy piperitone	Hydroxypiperitone	2-hydroxy-;Diosphenol;Buccocamphor; 2-Hydroxy-6-isopropyl-3-methyl-2-cyclohexen-1-one
07,169		11101	116-09-6	Gidroksipropan-1-2-one	1-Hydroxypropan-2-One	Hydroxyacetone; Acetyl carbinol;
07,170	4144	11202	23267-57-4	beta-ionone epoxide	beta-Ionone epoxide	4- (1,2-Epoxy-2,6,6-trimethylcyclohexyl) but-3-en-2-one
07,171	4198	11125	18358-53-7	Izopinokamfon	Isopinocamphone	2,6,6-Trimethyl-bicyclo [3.1.1] cycloheptan-3-one
07,172	3939	11127	500-02-7	Izopropiltsiklogeks- 4-2-en-1-one	4-Isopropylcyclohex-2-en-1-one	Cryptone; Crypton; 4-Isopropylcyclohex-2-enone; DL-Kryptone;
07,175	2910	2052	89-81-6	p-mentha-1-en-3-one	p-Menth-1-en-3-one	Piperitone; alpha-Piperitone; 1-Methyl-4-isopropyl-1-cyclohexen-3-one;
07,176	2667	2035	89-80-5	trans-Menton	trans-Menthone	trans-p-Menthan-3-one
07,177	3868		33046-81-0	7-Methyl-3-oktenon 2	7-Methyl-3-2-octenone	trans-7-Methyl-3-octen-2-one;
07,178		11131	563-80-4	3-methylbutan-2-one	3-Methylbutan-2-one	3-Methyl-1-butenol-2;Methyl isopropyl ketone;
07,179	3946		583-60-8	2-Methyl cyclohexanone	2-Methyl-cyclohexanone	Methyl anone;
07,180	394		591-24-2	3-Methyl	3-Methyl-	

	7			cyclohexanone	cyclohexanone	
07,181		11146	928-68-7	6-methylheptan-2-it	6-2-Methylheptan-One	
07,184	4057		113486-29-6	3-methylnonyl 2,4-dione	3-Methylnona-2,4 dione	3 -Methyl-2,4-nonanedione
07,185		11157	565-61-7	3-methylpentan-2-he	3-methylpentan-2-One	
07,187		11162	32064-72-5	Non-2-en-4-one	Non-2-en-4-one	
07,188	3955	11163	14309-57-0	Non-3-ene-2-one	Non-3-EN-2-one	
07,189		11161	4485-09-0	Nonane-4-one	Nonan-4-one	
07,194		11182	2550-26-7	4-phenylbutan-2-one	4-Phenylbutan-2-one	
07,195		11042	103-79-7	1-phenyl-propan-2-he	1-Phenylpropan-2-One	Benzyl methyl ketone;
07,196		11186	80-57-9	Pin-2-en-4-one	Pin-2-en-4-one	Verbenone; 4,6,6-Trimethyl-bicyclo [3.1.1] hept-3-en-2-one

07,198		11191	141-10-6	Pseudo-ionone	Pseudo-ionone	6,10-Dimethylundeca-3,5,9-trien-2-one
07,199		11192	2345-27-9	Tetradecan-2-one	Tetradecan-2-one	
07,205		11205	502-69-2	6,10,14-Trimetilpen-tadekan-2-one	6,10,14-Trimethylpen-tadecan-2-one	Hexahydrofarnesyl acetone;
07,215	2230	140	464-49-3	(1R) -1,7,7-trimethylbicyclo [2.2.1] heptan-2-one	(1R) -1,7,7-Trimethylbicyclo [2.2.1] heptan-2-one	d-Camphor;
07,219	3196	11786	6261-18-3	trans-3-Methyl-2-(2-pentenyl) -2-cyclopenten-1-one	trans-3-Methyl-2-(2-pentenyl) -2-cyclopenten-1-one	trans-Jasmone;
07,224	3243	2340	23726-91-2	trans-1- (2,6,6-trimethyl-1-cyclohexen-1-yl) -but-2-en-1-one	tr-1- (2,6,6-trimethyl-1-cyclohexen-1-YL) But-2-en-1-one	
07,225	365	1105	23726-9	cis-1- (2,6,6-	CIS-1- (2,6,6-	cis-alpha-Damascone;

	9	3	4-5	Trimethyl-2-cyclohexen-1-yl) -but-2-en-1-one	trimethyl-2-cyclohexen-1-YL) But-2-en-1-one	
07,236		11171	22610-86-2	5-octen-2-one	5-Octen-2-one	
07,238	4139		37160-77-3	3-Hydroxy-2-octanone	3-Hydroxy-2-octanone	2-Octanone, 3-hydroxy-
07,240	4000		13019-20-0	2-methylheptane-3 it	Methylheptan-2-3- One	
07,242	4052		5355-63-5	3-Hydroxy-4-phenylbutan-2-one	3-Hydroxy-4-phenylbutan-2-one	2-Butanone, 3-hydroxy-4-phenyl-
07,244	4001		20859-10-3	trans-6-Methyl-3- heptene-2-one	trans-6-Methyl-3-hepten-2-one	
07,247	4008		30086-02-3	Octadiene-2-one / 3.5- (E, E)	Octadien-2-One / 3.5- (E, E)	
07,248	4060		585-25-1	2,3-octanedione	2,3-OCTANEDIONE	Octan-2,3-dione
07,249	402		927-49-1	Undecan-6-one	Undecan-6-one	

	2					
07,251	4316		577-16-2	2-methyl latsetofenon	2-Methy-lacetophenone	
08,001	2487	1	64-18-6	Formic acid	Formic acid	Methanoic acid;
08,002	2006	2	64-19-7	Acetic acid	Acetic acid	Ethanoic acid; Ethylic acid; Methanecarboxilic acid;
08,003	2924	3	09/04/79	Propionic acid	Propionic acid	Methylacetic acid;Ethylformic acid;
08,004	2611	4	598-82-3	Lactic acid	Lactic acid	alpha-Hydroxypropanoic acid;2-Hydroxypropanoic acid
08,005	2221	5	107-92-6	Butyric acid	Butyric acid	Ethylacetic acid;Butanoic acid; 1-Propanecarboxylic acid;
08,006	2222	6	79-31-2	2-methylpropanoic acid	2-Methylpropionic acid	Isobutyric acid;Isopropylformic acid;Butyric iso acid;
08,007	3101	7	109-52-4	Valeric acid	Valeric acid	Pentanoic acid;Propylacetic acid;Valerianic acid; 1-Butanecarboxilic acid;
08,008	3102	8	503-74-2	3-methyl-butyric acid	3-Methylbutyric acid	Isopentanoic acid; beta-Methylbutyric acid;Delphinic acid; Valeric active acid; -Methylbutyric acid;
08,009	2559	9	142-62-1	Hexanoic acid	Hexanoic acid	Caproic acid; Hexoic acid; 2-Butylacetic acid;Pentylformic acid;
08,010	2799	10	124-07-2	Octanoic acid	Octanoic acid	Caprylic acid; Octoic acid; C-8; Octylic acid;1-Heptanecarboxilic acid;

08,011	2364	11	334-48-5	Decanoic acid	Decanoic acid	Capric acid; Decylic acid; 1-Nonanecarboxylic acid;
08,012	2614	12	143-07-7	Dodecanoic acid	Dodecanoic acid	Lauric acid; Dodecoic acid; Laurostearic acid;
08,013	2815	13	112-80-1	Oleic acid	Oleic acid	Oleinic acid; trans-Elaidic acid; Octadec-9-enoic acid
08,014	2832	14	10/03/57	Hexadecanoic acid	Hexadecanoic acid	Palmitic acid;Hexadecylic acid;Cetylic acid; 1-Pentadecanecarbocylic acid;
08,015	3035	15	11/04/57	Octadecanoic acid	Octadecanoic acid	Stearic acid;Octadecylic acid;
08,016	2764	16	544-63-8	Tetradecanoic acid	Tetradecanoic acid	Myristic acid; Crodacid;
08,017	2655	17	6915-15-7	Malic acid	1-Malic acid	2-Hydroxy-1,4-butanedioic acid;Hydroxysuccinic acid :;2-Hydroxybutane-1,4-dioic acid
08,018	3044	18	133-37-9	Tartaric acid	Tartaric acid	Racemic acid; 2,3-Dihydroxysuccinic acid;2,3-Dihydroxybutanedioic acid
08,019	2970	19	127-17-3	Pyruvic acid	Pyruvic acid	2-Ketopropionic acid;Acetylformic acid;Alpha-Ketopropionoc acid; Pyroracemic acid;2-Oxopropanoic acid
08,021	2131	21	65-85-0	Benzoic acid	Benzoic acid	Benzenecarboxylic acid;Phenylformic acid;Dracylic acid;Carboxybenzene;Phenyl carboxylic acid;
08,022	2288	22	621-82-9	Cinnamic acid	Cinnamic acid	tert-beta-Phenylacrylic acid; 3-Phenyl-2-propenoic acid; -Phenylacrylic acid; 3-Phenylacrylic acid; 3-Phenylprop-2-enoic acid
08,023	262	23	123-76-2	4	4-Oxovaleric acid	Laevulinic acid;Acetopropionic acid;Laevulic acid; Levulinic

	7			Oksovalerianova ya acid		acid; 4-Oxopentanoic acid; 3-Acetylpropionic acid;
08,024		24	110-15-6	Succinic acid	Succinic acid	Butan-1,4-dioic acid;1,2-Ethanedicarboxylic acid; Butanedioic acid
08,025	248 8	25	110-17-8	Fumaric acid	Fumaric acid	Allomalenic acid; Boletic acid; tr-Butenedionic acid; tr-1,2-ethylenedicarboxylic acid; But-2 (trans) -enedioic acid
08,026	201 1	26	124-04-9	Adipic acid	Adipic acid	1,4-Butanedicarboxylic acid; Hexanedioic acid
08,028	334 8	28	111-14-8	Heptanoic acid	Heptanoic acid	n-Heptanoic; Enanthic;n-Heptylic; n-Heptoic acid; Oenanthic;Oenanthic acid; n-Heptanoic acid;Enanthic acid;
08,029	278 4	29	112-05-0	Nonanoic acid	Nonanoic acid	Pelargonic acid;Octane-1-carboxylic acid; Nonylic acid;Nonoic acid;
08,031	275 4	31	97-61-0	2-methyl valeric acid	2-Methylvaleric acid	2-Methylpentanoic acid;Methylpropylacetic acid;
08,032	288 9	32	501-52-0	3-phenyl-propionic acid	3-Phenylpropionic acid	Benzylacetic acid;Hydrocinnamic acid; -Phenylpropionic acid;Dihydrocinnamic acid;
08,033	201 0	33	499-12-7	Prop-1-ene-1,2,3 - tricarboxylic acid	Prop-1-ene-1,2,3 tricarboxylic acid	Aconitic acid; Achilleic acid; Equisetic acid;Citridic acid; 2-Carboxyglutaconic acid;
08,034	234 7	34	5292-21-7	Tsiklogeksiluks us- tion acid	Cyclohexylacetic acid	Cyclohexaneacetic acid;
08,035	319	582	4536-23-	2-methylhexanoi	2-Methylhexanoic	2-Methylcaproic acid; 2-Butylpropanoic acid;Hexana-2-carboxylic acid;

	1		6	c acid	acid	
08,036	3142	616	502-47-6	Citronella acid	Citronellic acid	Rhodinolic acid;Rhodinic acid; 3,7-Dimethyloct-6-enoic acid
08,037	3891	653	328-50-7	2-oxoglutaric acid	2-Oxoglutaric acid	alpha-Ketoglutaric acid;2-Oxo-1,5-pentanedioic acid; 2-Ketoglutaric acid; 2-Oxopentanedioic acid
08,038	2878	672	103-82-2	Phenylacetic acid	Phenylacetic acid	alpha-Toluic acid;Benzylcarboxylic acid;
08,039	3247	689	112-38-9	Undec-10-enoic acid	Undec-10-enoic acid	Undecylenic acid; 10-Hendecenoic acid;
08,040	3986	693	99-96-7	4 Hydro ksibenzoynaya acid	4-Hydroxybenzoic acid	p-Hydroxybenzoic acid;
08,041	3380	694	60-33-3	Octadeca-9,12-diene acid	Octadeca-9,12-dienoic acid	Linoleic acid; Linoleic and Linolenic acids;
08,042	3245	696	112-37-8	Undecanoic acid	Undecanoic acid	n-Undecoic acid; n-Undecylic acid;Hendecanoic acid;
08,043	3988	697	121-34-6	Vanillic acid	Vanillic acid	4-Hydroxy-3-methoxy-benzoic acid; 4-Hydroxy-3-methoxybenzoic acid
08,044	3143	744	21016-46-6	Dimetilpent-2,4-2-enoic acid	2,4-Dimethylpent-2-enoic acid	
08,045	2429	2001	09/05/88	2-ethylbutyric acid	2-Ethylbutyric acid	alpha-Ethylbutyric acid;Diethylacetic acid;

08,046	2695	2002	116-53-0	2-methylbutyric acid	2-Methylbutyric acid	Methylethyl acetic acid;Butane-2-carboxylic acid;
08,047	2706	2003	02/09/1188	2-methylheptanoic acid	2-Methylheptanoic acid	2-Methyloenanthic acid;Methylamylacetic acid;Isocaprylic acid;Isooctanoic acid;
08,048	2843	2004	591-80-0	Pent-4-enoic acid	Pent-4-enoic acid	Allyl acetic acid;
08,049	2872	2005	122-59-8	Phenoxyacetic acid	Phenoxyacetic acid	Glycollic acid phenyl ether; Phenoxyethanoic acid; o-Phenylglycolic acid;
08,050	3170	2256	4219-24-3	Hex-3-enoic acid	Hex-3-enoic acid	
08,051	3869	2262	759-05-7	3-Methyl-2-oxobutyric acid	3-Methyl-2-oxobutyric acid	2-Oxoisovaleric acid;Dimethylpyruvic acid;
08,052	3871	2263	816-66-0	4-Methyl-2-oksovalerianovaya acid	4-Methyl-2-oxovaleric acid	2-Keto-4-methyl-pentanoic acid; 4-Methyl-2-oxopentanoic acid; alpha-Ketoisocaproic acid;Isopropyl pyruvic acid;
08,053		2264	141-82-2	Malonic acid	Malonic acid	Methanedicarboxylic acid; Propane dioic acid; Propan 1,3-dioic acid; Propanedioic acid
08,054	3169	11777	13419-69-7	Hex-2 (trans) -enoic acid	Hex-2 (trans) -enoic acid	-Propylacrylic Acid; 3-Propylacrylic acid;
08,055	3195	11680	3142-72-1	2-Methyl-2-pentenoic acid	2-Methyl-2-pentenoic acid	3-Ethyl-2-methylacrylic acid; 2-Pentene-2-carboxylic acid; 2-Propylidinepropionic acid;
08,056	3437	10149	105-43-1	3-methyl valeric acid	3-Methylvaleric acid	Sec-butyl acetic acid; 2-Methyl-butane-1-Carboxylic acid; -Methylvaleric acid;

08,057	3463	10150	646-07-1	4-Methyl valeric acid	4-Methylvaleric acid	Isohexanoic acid;Isocaproic acid; 4-Methyl pentanoic acid;
08,058	3464	10147	37674-63-8	2-methylpent-3-enoic acid	2-Methylpent-3-enoic acid	
08,059	3511	10148	1575-74-2	2-methylpent-4-enoic acid	2-Methylpent-4-enoic acid	
08,060	3531	11911	98-89-5	Tsiklogeksankar-booms acid	Cyclohexanecar-boxylic acid	
08,061	3572	10142	628-46-6	5-methylhexanoic acid	5-Methylhexanoic acid	Isoheptanoic acid;Isovenanthic acid;Isoamyl acetic acid;
08,062	3574	11925	45019-28-1	4-methylnonanoic acid	4-Methylnonanoic acid	4-Methylpelargonic acid;
08,063	3575	11926	54947-74-9	4 Metiloktanovaya acid	4-Methyloctanoic acid	
08,064	3599	10168	80-59-1	2-methylcrotonic acid	2-Methylcrotonic acid	Tiglic acid; 2-Methyl crotonic acid; 2-Methyl-2-butenoic acid; trans-2,3-Dimethyl-acrylic acid; Methylbut-2 (trans) -enoic acid
08,065	3660	10090	14436-32-9	Dec-9-enoic acid	Dec-9-enoic acid	
08,066	3723		600-18-0	2 Oksomaslyannaya acid	2-Oxobutyric acid	Ketobutyric acid; Alpha-Ketobutyric acid;

08,067	3731		71298-42-5	1,2,5,6-Tetragidroku-Minova acid	1,2,5,6-Tetrahydrocuminic acid	4-Isopropyl-3-cyclohexene-1-carboxylic acid; 3-Cyclohexene-1-carboxylic acid, 4- (1-methylethyl) -, (±) -; 1- (4-Isopropylcyclohex-3 -enyl) carboxylic acid
08,068	3742		72881-27-7	Dets- (5- and 6) -ennovaya acid	Dec- (5- and 6) -enoic acid	
08,070	3187	10138	541-47-9	3-methylcrotonic acid	3-Methylcrotonic acid	3,3-Dimethyl-acrylic acid; 3-Methyl-but-2-enoic acid; , -Dimethylacrylic acid;Senecioic acid; 3-Methylbut-2 (trans) -enoic acid
08,071	3945	10077	100-09-4	p-anisic acid	p-Anisic acid	4-Anisic acid; Draconic acid; p-Methoxybenzoic acid; 4-Methoxybenzoic acid
08,072	3908	10080	3724-65-0	But-2-enoic acid (cis and trans)	But-2-enoic acid (cis and trans)	Crotonic acid (trans) + isoCrotonic acid (cis);
08,073	3913	10087	3913-85-7	Des-2-enoic acid	Dec-2-enoic acid	2-Decenoic acid;
08,074		10088	15469-77-9	Dec-3-enoic acid	Dec-3-enoic acid	3-Decenoic acid;
08,075	3914	10089	26303-90-2	Dec-4-enoic acid	Dec-4-enoic acid	4-Decenoic acid;
08,076	3798		89-86-1	2,4-dihydro-ksibenzoynaya acid	2,4 Dihydroxybenzoic acid	
08,079	3800		16493-80-4	4 Etiloktanovaya	4-Ethyloctanoic acid	

				acid		
08,080		10170	149-91-7	Gallic acid	Gallic acid	3,4,5-Trihydroxybenzoic acid; 3,4,5-trihydroxybenzoic acid
08,081	4121	10094	459-80-3	Geranium acid	Geranic acid	3,7- Dimethyl-2 (trans), 6-octadienoic acid; 3,7-dimethylocta-2,6-dienoic acid; 3,7-dimethyl-2 (trans), 6-Octadienoic acid
08,083		10102	18999-28-5	Hept-2-enoic acid	Hept-2-enoic acid	
08,085	3921		110-44-1	Geksa-2,4-dienoic acid	Hexa-2,4-dienoic acid	
08,086	3843		1113-60-6	3-Hydroxy-2-oxopropanoic acid	3-Hydroxy-2-oxopropionic acid	Propanoic acid, 3-hydroxy-2-oxo-; 3-Hydroxy-2-oxopropanoic acid;
08,087		10111	530-57-4	4-Hydroxy-3,5-Dimetoksiben-zoate	4-Hydroxy-3,5 dimethoxybenzoic acid	Syringic acid;
08,089		10113	1135-24-6	4-Hydroxy-3-methoxycinnamic acid	4-Hydroxy-3-methoxycinnamic acid	Ferulic acid; 3- (4-Hydroxy-3-methoxyphenyl) prop-2-enoic acid
08,090		10118	498-36-2	2-Hydroxy-4-metilvaleriano-acid-hand	2-Hydroxy-4-methylvaleric acid	
08,092	3944		586-38-9	3-meth-ksibenzoynaya	3-Methoxybenzoic acid	m-Anisic acid; 3-Anisic acid;

				acid		
08,093	3870	10146	39748-49-7	3-Methyl-2-oksovalerianovaya acid	3-Methyl-2-oxovaleric acid	Methyl ethyl pyruvic acid; Sodium 3-methyl-2-oxopentanoic acid;
08,099	4180		10321-71-8	(E, Z) Metilpent- 4-2-enoic acid	(E, Z) -4-Methylpent-2-enoic 4-Methyl-2-pentenoic acid acid	
08,101	3954	10153	3760-11-0	Non-2-enoic acid	Non-2-enoic acid	
08,102		10154	4124-88-3	Non-3-enoic acid	Non-3-enoic acid	
08,103		10079	123-99-9	Nonandikarbonovaya acid	Nonanedioic acid	Azelaic acid;
08,107	4193	10163	13991-37-2	Pent-2-enoic acid	Pent-2-enoic acid	
08,108		10164	492-37-5	2-phenyl-propionic acid	2-Phenylpropionic acid	hydratropic-acid-;
08,109	3892		156-06-9	3-phenyl-pyruvic acid	3-Phenylpyruvic acid	3-Phenyl-2-oxopropanoic acid; 3-Oxo-3-phenylpropanaoic acid
08,112	398	1016	69-72-7	Salicylic acid	Salicylic acid	2-Hydroxybenzoic acid;2-Hydroxy-benzoic acid

	5	5				
08,113	3277	24	150-90-3	Succinic acid disodium salt	Succinic acid, disodium salt	
08,114	3957	10156	1871-67-6	2-octene acid	2-Octenoic acid	trans-2-Octenoic acid;Oct-2-enoic acid
08,119	3169	11777	04/04/1191	2-hexenoic acid	2-Hexenoic acid	
08,120	3599	10168	13201-46-2	2-Methyl-2-butenoic acid	2-Methyl-2-butenoic acid	
08,123	3920		10352-88-2	Trans-2-heptenoic acid	trans-2-Heptenoic acid	
09,001	2414	191	141-78-6	Ethyl acetate	Ethyl acetate	Acetic ether;
09,002	2925	192	109-60-4	Propyl acetate	Propyl acetate	Propyl ethanoate;
09,003	2926	193	108-21-4	Isopropyl acetate	Isopropyl acetate	Propyl iso acetate;
09,004	2174	194	123-86-4	Butyl Acetate	Butyl acetate	Butyl ethanoate;
09,005	2175	195	110-19-0	Isobutyl acetate	Isobutyl acetate	Butyl iso acetate; 2-Methyl-1-propyl acetate;Iso-butyl acetate; 2-Methylpropyl acetate
09,006	2565	196	142-92-7	Hexyl acetate	Hexyl acetate	Hexyl ethanoate; 1-Acetoxy-hexane ,;

09,007	2806	197	112-14-1	Octyl acetate	Octyl acetate	Acetate C-8; n-Octanyl acetate; 2-Ethyl hexyl acetate; Octyl ethanoate;
09,008	2788	198	143-13-5	Nonyl acetate	Nonyl acetate	Acetate C-9; Pelargonyl acetate; Nonyl ethanoate;
09,009	2367	199	112-17-4	Decyl acetate	Decyl acetate	Acetate C-10; Decyl ethanoate; Decanyl acetate; 1-Acetoxydecane; Acetic acid decyl ester;Decanol acetate;
09,010	2616	200	112-66-3	Dodecyl acetate	Dodecyl acetate	Lauryl acetate; Acetate C-12; Dodecanyl acetate; Lauryl ethanoate; Dodecanyl ethanoate;
09,011	2509	201	105-87-3	Geranyl acetate	Geranyl acetate	Geraniol acetate; trans-3,7-Dimethyl-2,6-octadien-1-yl acetate;2,6-Dimethyl-2,6-octadiene-8-yl acetate;3,7-Dimethylocta-2 (trans), 6-dienyl acetate
09,012	2311	202	150-84-5	Citronella acetate	Citronellyl acetate	3,7-Dimethyl-6-octen-1-yl acetate; 3,7-Dimethyl-6-octen-1-yl ethanoate;3,7-Dimethyloct-6-enyl acetate
09,013	2636	203	115-95-7	Dinalil acetate	Linalyl acetate	Bergamol; 3,7-Dimethyl-1,6-octadien-3-yl acetate; Licareol acetate; Linalool acetate; 1,5-Dimethyl-1-vinylhex-4-enyl acetate
09,014	2135	204	140-11-4	Benzyl acetate	Benzyl acetate	Benzyl ethanoate;
09,015	3047	205	80-26-2	alpha-terpinene acetate	alpha-Terpinyl acetate	3-Cyclohexene-1-methanol, alpha, alpha, 4-trimethyl, acetate; p-Menth-1-en-8-yl acetate
09,016	2668	206	29066-34-0	Menthyl acetate	Menthyl acetate	1-p-Menth-3-yl acetate;Menthol acetate; 1-Isopropyl-4-methylcyclohex-2-yl acetate; (1-alpha, 2-beta, 5-alpha) -2-Isopropyl-5-methylcyclohexyl acetate
09,017	2159	207	76-49-3	Bornyl acetate	Bornyl acetate	Borneol acetate; 2-Camphanyl acetate;Bornyl ethanoate; 1-Bornyl acetate; d-Bornyl acetate; Bornyl acetic ether; 1,7,7-Trimethyl-bicyclo [2.2.1]

						hept-2-yl acetate
09,018	2293	208	103-54-8	Cinnamyl acetate	Cinnamyl acetate	3-Phenyl-2-propen-1-yl acetate; 3-Phenylallyl acetate; 3-Phenylprop-2-enyl acetate
09,019	2098	209	104-21-2	p-Anil acetate	p-Anisyl acetate	Benzenemethanol, 4-methoxy-, acetate;Anisyl alcohol, acetate;Benzyl alcohol, p-Methoxy, acetate; 4-Methoxybenzyl acetate
09,020	2469	210	93-28-7	Eugenio acetate	Eugenyl acetate	Eugenol acetate;Aceteugenol; 2-Methoxy-4-phenyl acetate; Acetyl eugenol;4-Allyl-2-methoxyphenyl acetate
09,021		211	628-63-7	Pentyl acetate	Pentyl acetate	Amyl acetate;
09,022	2547	212	112-06-1	Heptyl acetate	Heptyl acetate	Acetate C-7; Heptanyl acetate; Heptyl ethanoate ,;
09,023	2676	213	79-20-9	Methyl acetate	Methyl acetate	Methyl ethanoate;
09,024	2055	214	123-92-2	Isopentyl acetate	Isopentyl acetate	Isoamyl acetate; beta-Methyl butyl acetate;Amyl acetate common;Amyl iso acetate;Isoamyl ethanoate; 3-Methylbutyl acetate
09,025	2425	215	10031-87-5	2-ethylbutyl acetate	2-Ethylbutyl acetate	beta-Ethylbutyl acetate;
09,026	2064	216	7493-78-9	alpha Pentiltsinnamil acetate	alpha-Pentylcinnamyl acetate	alpha-n-Amyl-beta-phenylacryl acetate;alpha-Pentylcinnamyl acetate; Floxin acetate;2-Pentyl-3-phenylprop-2-enyl acetate
09,027	2349	217	622-45-7	Cyclohexyl acetate	Cyclohexyl acetate	Cyclohexane acetate;
09,028	2348	218	21722-83-8	2-cyclohexylethyl acetate,	2-Cyclohexylethyl acetate	Cyclohexane ethyl acetate; Ethylcyclohexyl acetate;Hexahydrophenyl ethyl acetate;

09,029	2735	219	103-07-1	1,1-Dimethyl-3-phenylpropyl acetate	1.1-Dimethyl-3-phenylpropyl acetate	Dimethyl phenethyl carbinyl acetate; 1,1-Dimethyl-3-phenylpropan-1-yl acetate; 2-Methyl-4-phenyl-2-butyl acetate;
09,030	2470	220	93-29-8	2-Methoxy-4-(prop-1-enyl) phenyl acetate	2-Methoxy-4-(Prop-1-enyl) Phenyl acetate	Isoeugenyl acetate;Isoeugenol acetate; 2-Methoxy-4-propenyl phenyl acetate;Acetisoeugenol;
09,031	2857	221	103-45-7	Phenethyl acetate	Phenethyl acetate	2-Phenylethyl acetate;Benzyl carbinyl acetate;
09,032	2890	222	122-72-5	3-phenylpropyl acetate	3-Phenylpropyl acetate	Phenylpropyl acetate; 3-phenyl-1-propyl acetate;Hydrocinnamyl acetate;beta-Phenylpropyl acetate;
09,033	2981	223	141-11-7	Rodin acetate	Rhodinyl acetate	alpha-Citronellyl acetate; 3,7-Dimethyloct-7-enyl acetate
09,034	3007	224	1323-00-8	Santalov acetate	Santalyl acetate	Alpha-Santalol, acetate; -Santalol, acetate;
09,035	3108	225	881-68-5	Vanilla acetate	Vanillyl acetate	Acetyl vanillin;Benzaldehyde, 4- (acetyloxy) -3-methoxy-;3-Methoxy-4-acetoxybenzaldehyde;4-Acetoxy-3-methoxybenzaldehyde
09,036	3073	226	140-39-6	p-tolyl acetate	p-Tolyl acetate	p-Cresyl acetate; 4-methylbenzoic acid methyl ester; Acetyl p-Cresol; p-Tolyl ethanoate; p-Cresylic acetate; 4-Methylphenyl acetate
09,037	2418	245	140-88-5	Ethyl acrylate	Ethyl acrylate	Ethyl propenoate; Ethyl prop-2-enoate
09,038	2693	263	623-42-7	Methyl butyrate	Methyl butyrate	Methyl butanoate;

09,039	2427	264	105-54-4	Ethyl butyrate	Ethyl butyrate	Ethyl n-butanoate;Butyric ether; Ethyl butanoate;
09,040	2934	266	105-66-8	Propyl butyrate	Propyl butyrate	Propyl butanoate;
09,041	2935	267	638-11-9	Isopropyl butyrate	Isopropyl butyrate	Propyl iso butyrate;Propyl iso butanoate;Isopropyl butanoate;
09,042	2186	268	109-21-7	Butyl butyrate	Butyl butyrate	Butyl butanoate;
09,043	2187	269	539-90-2	Isobutyl butyrate	Isobutyl butyrate	Butyl iso butyrate; 2-Methyl-1-propyl butyrate; Isobutyl butanoate; 2-Methylpropyl butanoate
09,044	2059	270	540-18-1	Pentyl butyrate	Pentyl butyrate	Amyl butyrate; Amyl butanoate;
09,045	2568	271	2639-63-6	Hexyl butyrate	Hexyl butyrate	n-Hexyl n-butanoate;Hexyl butanoate;
09,046	2807	272	110-39-4	Octyl butyrate	Octyl butyrate	Octyl butanoate;
09,047	2368	273	5454-09-1	Decyl butyrate	Decyl butyrate	Decyl butanoate; 1-Butyroxy decane;
09,048	2512	274	106-29-6	Geranyl butyrate	Geranyl butyrate	trans-3,7-Dimethyl-2,6-octadien-1-yl butanoate;3,7-Dimethylocta-2 (trans), 6-dienyl butanoate
09,049	2312	275	141-16-2	Citronella butyrate	Citronellyl butyrate	3,7-Dimethyl-6-octen-1-yl butyrate; 3,7-Dimethyloct-6-enyl butanoate
09,050	263	276	78-36-4	Linalyl butyrate	Linalyl butyrate	3,7-Dimethyl-1,6-octadien-3-yl butyrate;Linalyl

	9					n-butyrate; 1,5-Dimethyl-1-vinylhex-4-enyl butanoate
09,051	2140	277	103-37-7	Benzyl butyrate	Benzyl butyrate	Benzyl n-butyrate;Benzyl n-butanoate;Benzyl butanoate;
09,052	3049	278	2153-28-8	Turpin butyrate	Terpinyl butyrate	p-Menth-1-en-8-yl butyrate; p-Menth-1-en-8-ol butyrate; p-Menth-1-en-8-yl butanoate
09,053	2296	279	103-61-7	Cinnamyl butyrate	Cinnamyl butyrate	Phenylpropenyl-n-butyrate; 3-Phenyl-2-propen-1-yl butanoate;Butyric acid, 3-phenyl-2-propen-1-yl ester; 3-Phenylprop-2-enyl butanoate
09,054	2021	280	2051-78-7	Allyl butyrate	Allyl butyrate	Allyl-n-butyrate; Vinyl carbinyl butyrate; 2-Propen-1-yl butanoate;Allyl butanoate;
09,055	2060	282	106-27-4	3-methylbutyl butyrate	3-Methylbutyl butyrate	Isoamyl butyrate;Isoamyl n-butyrate;
09,057	2891	285	80866-83-7	2-phenylpropyl butyrate	2-Phenylpropyl butyrate	alpha-Phenylpropyl alcohol, butyric ester;beta-methylphenethyl butyrate; Hydratropyl butyrate;
09,058	2100	286	6963-56-0	p-Anisilbutirat	p-Anisyl butyrate	Benzyl alcohol, p-methoxy, butyrate;Butyric acid, p-methoxybenzyl ester; 4-Methoxybenzyl butanoate
09,059	2432	309	110-38-3	Ethyl decanoate	Ethyl decanoate	Ethyl caprate; Ethyl decylate; Ethyl caprinate;
09,060	2439	310	123-66-0	Ethyl hexanoate	Ethyl hexanoate	Ethyl caproate;Capronic ether absolute; Ethyl capronate;
09,061	2949	311	626-77-7	Propyl hexanoate	Propyl hexanoate	Propyl caproate;
09,062	2950	312	2311-46-8	Isopropyl hexanoate	Isopropyl hexanoate	Propyl iso hexanoate;Propyl iso Hexylate;Isopropyl capronate;Isopropyl caproate;

09,063	2201	313	626-82-4	Butyl hexanoate	Butyl hexanoate	Butyl caproate;
09,064	2202	314	105-79-3	Isobutyl hexanoate	Isobutyl hexanoate	Isobutyl caproate; Butyl iso hexanoate; Butyl iso caproate; 2-Methylpropyl hexanoate
09,065	2074	315	540-07-8	Pentyl hexanoate	Pentyl hexanoate	Amyl hexanoate; Amyl caproate; Pentyl caproate;
09,066	2572	316	6378-65-0	Hexyl hexanoate	Hexyl hexanoate	Hexyl caproate;
09,067	2515	317	10032-02-7	Geranium hexanoate	Geranyl hexanoate	Geranyl caproate; trans-3,7-Dimethyl-2,6-octadien-1-yl hexanoate; 3,7-Dimethylocta-2 (trans), 6-dienyl n-hexanoate
09,068	2643	318	7779-23-9	Linalyl hexanoate	Linalyl hexanoate	3,7-Dimethyl-1,6-octadien-3-yl hexanoate; Linalyl caproate; Linalyl hexoate; Linelyl hexylate; 1,5-Dimethyl-1-vinylhex-4-enyl hexanoate
09,069	2708	319	106-70-7	Methyl hexanoate	Methyl hexanoate	Methyl caproate;
09,070	2075	320	2198-61-0	3-methyl hexanoate	3-Methylbutyl hexanoate	Isoamyl hexanoate;Isoamyl caproate;Isopentyl n-hexanoate;Pentyl iso hexanoate;Pentyl iso caproate;Isopentyl hexanoate;
09,071	2896	321	6281-40-9	3-phenylpropyl hexanoate	3-Phenylpropyl hexanoate	Hydrocinnamyl hexanoate;Hydrocinnamylcaproate;3-Phenylpropyl caproate;
09,072	2434	339	109-94-4	Ethyl format	Ethyl formate	Ethyl methanoate;Formic ether;
09,073	2943	340	110-74-7	Propyl format	Propyl formate	Propyl methanoate;
09,074	255	341	112-23-2	Heptyl format	Heptyl formate	n-Heptyl methanoate;Heptyl methanoate;

	2					
09,075	2809	342	112-32-3	Octyl format	Octyl formate	Octyl mehtanoate;
09,076	2514	343	105-86-2	Geranium format	Geranyl formate	trans-3,7-Dimethyl-2,6-octadien-1-yl formate;trans-3,7-Dimethyl-2,6-octadien-1-yl-methanoate; Geranyl methanoate; 3,7-Dimethylocta-2 (trans), 6-dienyl formate
09,077	2145	344	104-57-4	Benzyl format	Benzyl formate	Formic acid benzyl ester; Benzyl methanoate;
09,078	2314	345	105-85-1	Citronella format	Citronellyl formate	3,7-Dimethyl-6-octen-1-yl formate; 3,7-Dimethyl-6-octen-1-yl methanoate; 3,7-Dimethyloct-6-enyl formate
09,079	2984	346	141-09-3	Rodin format	Rhodinyl formate	alpha-Citronellyl formate; 3,7-Dimethyloct-7-enyl formate
09,080	2642	347	115-99-1	Linalyl format	Linalyl formate	3,7-Dimethyl-1,6-octadien-3-yl formate;Linalool formate; 1,5-Dimethyl-1-vinylhex-4-enyl formate
09,081	3052	348	2153-26-6	alpha-terpinene format	alpha-Terpinyl formate	p-Menth-1-en-8-yl formate;
09,082	2161	349	7492-41-3	Borno format	Bornyl formate	Bornyl methanoate;Borneol formate; d-Bornyl formate; endo-2-Bornanyl formate; 2-Camphanyl formate; 1-Bornyl formate; 1,7,7-Trimethyl-bicyclo [2.2.1] hept-2-yl formate
09,083	2864	350	104-62-1	Phenethyl format	Phenethyl formate	2-Phenylethyl formate;2-Phenylethyl methanoate;Benzylcarbinyl formate;Benzylcarbinyl methanoate;
09,084	2895	351	104-64-3	3-phenylpropyl format	3-Phenylpropyl formate	Phenylpropyl formate;Hydrocinnamyl formate;Hydrocinnamyl methanoate; beta-Phenylpropyl formate;

09,085	2299	352	104-65-4	Cinnamyl format	Cinnamyl formate	3-Phenyl-2-propen-1-yl formate; 3-Phenylallyl formate; Cinnamyl methanoate; 3-Phenylprop-2-enyl formate
09,086	2395	353	10058-43-2	2-Methyl-1-phenyl-2-propyl format	2-Methyl-1-phenyl-2-propyl formate	alpha, alpha-dimethylphenethyl formate; 2-Benzyl-2-propyl formate; Benzyl dimethyl carbinyl formate; Dimethyl benzyl carbinyl formate;
09,087	2101	354	122-91-8	p-Anisilformat	p-Anisyl formate	Anisyl alcohol, formate;Anisyl methanoate; p-Methoxybenzyl methanoate;Benzenemethanol, 4-methoxy-, formate; 4-Methoxybenzyl formate
09,088	2473	355	10031-96-6	4 Eugenio format	4-Eugenyl formate	Eugenol formate; 4-Allyl-2-methoxyphenyl formate
09,089	2474	356	7774-96-1	Izoevgenil format	Isoeugenyl formate	4-Methoxy-4-phenyl formate; 2-Methoxy-4-propenylphenyl formate;2-Methoxy-4- (prop-1-enyl) phenyl formate
09,090	2066	357	7493-79-0	alpha Pentiltsinnamil format	alpha-Pentylcinnamyl formate	alpha-n-Amyl-phenylacryl formate;alpha-Pentylcinnamyl formate; 2-Pentyl-3-phenylprop-2-enyl formate
09,091	2199	363	5454-28-4	Butyl heptanoate	Butyl heptanoate	Butyl heptylate; Butyl oenanthate;
09,092	2200	364	7779-80-8	Isobutyl heptanoate	Isobutyl heptanoate	Isobutyl heptylate; Butyl iso heptanoat; Isobutyl heptoate; 2-Methyl-1-propyl heptanoate; 2-Methylpropyl heptanoate
09,093	2437	365	106-30-9	Ethyl heptanoate	Ethyl heptanoate	Ethyl heptylate; Ethyl heptoate; Ethyl oenanthate; Oenanthic ester;
09,094	2810	366	5132-75-2	Octyl heptanoate	Octyl heptanoate	Octyl heptylate; Octyl oenanthate;
09,095	294	367	7778-87-	Propyl	Propyl heptanoate	Propyl heptylate; Propyl heptoate; Propyl oenanthate;

	8		2	heptanoate		
09,096	2705	368	106-73-0	Methyl heptanoate	Methyl heptanoate	Methyl heptoate; Methyl oenanthate;
09,097	2031	369	142-19-8	Allyl heptanoate	Allyl heptanoate	Allyl heptylate; Allyl heptoate; Allyl enanthate; Allyl oenanthate;
09,098	2073	370	7493-82-5	Pentyl heptanoate	Pentyl heptanoate	Amyl heptanoate; Amyl heptylate; Amyl heptoate; Amyl oenanthate ,;
09,099	2441	375	106-33-2	Ethyl dodecanoate	Ethyl dodecanoate	Ethyl laurate; Ethyl dodecylate;
09,100	2206	376	106-18-3	Butyl dodecanoate	Butyl dodecanoate	Butyl laurate; Butyl dodecylate;
09,101	2715	377	111-82-0	Methyl dodecanoate	Methyl dodecanoate	Methyl laurate; Methyl dodecylate ,;
09,102	3076	378	10024-57-4	p-Tolyl dodecanoate	p-Tolyl dodecanoate	p-Cresyl dodecanoate;p-Cresyl laurate; p-Methylphenyl dodecanoate; 4-Methylphenyl dodecanoate
09,103	2077	379	6309-51-9	3-methylbut dodecanoate	3-Methylbutyl dodecanoate	Isoamyl laurate; Isoamyl dodenanoate; Amyl iso laurate; Pentyl iso laurate; Isopentyl laurate ,;
09,104	2445	385	124-06-1	Etiltetra decanoate	Ethyl tetradecanoate	Ethyl myristate;
09,105	3556	386	110-27-0	Isopropyl tetradekanoat	Isopropyl tetradecanoate	Isopropyl myristate;
09,106	2722	387	124-10-7	Methyl tetradekanoat	Methyl tetradecanoate	Methyl myristate;

09,107	2447	388	123-29-5	Ethyl nonanoate	Ethyl nonanoate	Ethyl pelargonate; Ethyl nonylate;
09,108	2724	389	1731-84-6	Methyl nonanoate	Methyl nonanoate	Methyl nonylate; Methyl pelargonate ,;
09,109	2036	390	7493-72-3	Allyl nonanoate	Allyl nonanoate	2-Propenyl nonanoate;Allyl pelargonate; Allyl nonylate; 2-Propenyl pelargonate;
09,110	2078	391	7779-70-6	W-methylbutyl nonanoate	3-Methylbutyl nonanoate	Isoamyl pelargonate;Pentyl iso nononoate;Isopentyl nonanoate;Amyl iso nonanoate;Isopentyl nonylate;Isoamyl nonylate;
09,111	2449	392	106-32-1	Ethyl octanoate	Ethyl octanoate	Ethyl caprylate; Ethyl octylate;
09,112	2079	393	638-25-5	Pentyl octanoate	Pentyl octanoate	Amyl octanoate; Amyl caprylate; Amyl octylate; Pentyl octylate ,;
09,113	2575	394	1117-55-1	Hexyl octanoate	Hexyl octanoate	Hexyl caprylate; Hexyl octylate ,;
09,114	2811	395	2306-88-9	Octyl octanoate	Octyl octanoate	Octyl octylate;
09,115	2790	396	7786-48-3	Nonyl octanoate	Nonyl octanoate	Nonyl octylate;
09,116	2644	397	10024-64-3	Linalyl octanoate	Linalyl octanoate	3,7-Dimethyl-1,6-octadien-3-yl octanoate;Linalyl caprylate; Linalyl octoate; Linalyl octylate;1,5-Dimethyl-l-vinylhex-4-enyl octanoate
09,117	2728	398	111-11-5	Methyl octanoate	Methyl octanoate	Methyl octylate;
09,118	255	399	4265-97-	Heptyl	Heptyl octanoate	Heptyl caprylate;

	3		8	octanoate		
09,119	2037	400	4230-97-1	Allyl octanoate	Allyl octanoate	Allyl caprylate; 2-Propenyl octanoate; 2-Propenyl octylate; Allyl octylate;
09,120	2080	401	2035-99-6	3-methylbut octanoate	3-Methylbutyl octanoate	Isoamyl octanoate;Isopentyl octanoate;Pentyl iso octanoate;Isoamyl caprylate;Isopentyl octylate;
09,121	2456	402	105-37-3	Ethyl propionate	Ethyl propionate	Ethyl propanoate;Propionic ether;
09,122	2958	403	106-36-5	Propyl propionate	Propyl propionate	Propyl propanoate; n-Propyl propionate;
09,123	2959	404	637-78-5	Isopropyl propionate	Isopropyl propionate	Propyl iso propionate ,;
09,124	2211	405	590-01-2	Butyl propionate	Butyl propionate	Butyl propanoate;
09,125	2212	406	540-42-1	Isobutyl propionate	Isobutyl propionate	Butyl iso propionate;Isobutyl propanoate; 2-Methylpropyl propanoate
09,126	2813	407	142-60-9	Octyl propionate	Octyl propionate	Octyl propanoate;
09,127	2369	408	5454-19-3	Decyl propionate	Decyl propionate	Decyl propanoate; 1-Propionoxy decane ,;
09,128	2,517	409	105-90-8	Geranyl propionate	Geranyl propionate	trans-3,7-Dimethyl-2,6-octadien-1-yl propanoate; 2,6-Dimethyl octadien-6-yl-8-n-propionate; 3,7-Dimethylocta-2 (trans), 6-dienyl propanoate
09,129	2316	410	141-14-0	Citronella propionate	Citronellyl propionate	3,7-Dimethyloct-6-enyl propanoate

09,130	2645	411	144-39-8	Linalyl propionate	Linalyl propionate	3,7-Dimethyl-1,6-octadien-3-yl propanoate; 3,7-Dimethyl-1,6-octadien-3-yl propionate; 1,5-Dimethyl-1-vinylhex-4-enyl propanoate
09,131	2163	412	2756-56-1	Isobornyl propionate	Isobornyl propionate	1,7,7-Trimethylbicyclo [2.2.1] hept-2-yl propanoate
09,132	2150	413	122-63-4	Benzyl propionate	Benzyl propionate	Benzyl propanoate;Benzylpropanoate;
09,133	2301	414	103-56-0	Cinnamyl propionate	Cinnamyl propionate	3-Phenyl-2-propen-1-yl propanoate; gamma-Phenylallyl propionate;3-Phenylprop-2-enyl propanoate
09,134	2742	415	554-12-1	Methyl propionate	Methyl propionate	Methyl propanoate;
09,135		416	624-54-4	Pentyl propionate	Pentyl propionate	Pentyl propanoate;Amyl propionate ,;
09,136	2082	417	105-68-0	H-methyl propionate	3-Methylbutyl propionate	Isoamyl propionate;Isopentyl propionate;Isopentyl propanate;Isoamyl propanoate;
09,137	2867	418	122-70-3	Phenethyl propionate	Phenethyl propionate	Phenylethyl propionate;2-Phenylethyl propanoate;Benzylcarbinyl propionate;
09,138	2897	419	122-74-7	3-phenylpropyl propionate	3-Phenylpropyl propionate	Phenylpropyl propionate;Hydrocinnamyl propionate; beta-Phenylpropyl propanoate; 3-Phenylpropyl propanoate;
09,139	2576	420	2445-76-3	Hexyl propionate	Hexyl propionate	Hexyl propanoate;
09,140	2354	421	6222-35-1	Cyclohexyl propionate	Cyclohexyl propionate	
09,141	298	422	105-89-5	Rodin	Rhodinyl	alpha-Citronellyl propionate; 3,7-Dimethyloct-7-enyl propanoate

	6			propionate	propionate	
09,142	3053	423	80-27-3	Turpin propionate	Terpinyl propionate	p-Menthanyl propionate (mixed isomers - according to FEMA); p-Menth-1-en-8-yl propionate; p-Menth-1-en-8-yl propanoate
09,143	2251	424	97-45-0	Carve propionate	Carvyl propionate	1-Carveol propionate; p-Mentha-6,8-dien-2-yl propionate; p-Mentha-6,8-dien-2-yl propanoate
09,144	2689	425	120-45-6	1-phenethyl propionate	1-Phenethyl propionate	alpha-Methylbenzyl propionate; 1-Phenyl-1-ethyl propionate; Methyl phenylcarbinyl propionate;
09,145	2102	426	7549-33-9	p-Anisilpropionat	p-Anisyl propionate	Benzenemethanol, 4-methoxy-, propionate;4-Methoxybenzyl propanoate
09,146	2044	441	7493-76-7	Allyl undec-10-enoate	Allyl undec-10 enoate	Allyl undecylenate; 2-Propenyl 10-undecenoate; Allyl hendecenoate; Allyl undecylenoate;
09,147	2462	465	539-82-2	Ethyl valerate	Ethyl valerate	Ethyl pentanoate; Ethyl valerianate;
09,148	2217	466	591-68-4	Butyl valerate	Butyl valerate	Butyl valerianate; Butyl pentanoate;
09,149		467	2173-56-0	Pentyl valerate	Pentyl valerate	Amyl pentanoate; Amyl valerate;
09,150	4123	468	10402-47-8	Geranyl valerate	Geranyl valerate	Geranyl pentanoate;2,6-Dimethyl-2,6-octadiene-8-yl pentanoate; 3,7-Dimethylocta-2 (trans), 6-dienyl pentanoate
09,151	2317	469	7540-53-6	Citronella valerate	Citronellyl valerate	3,7-Dimethyl-6-octen-1-yl pentanoate; 3,7-Dimethyloct-6-enyl pentanoate
09,152		470	10361-39-4	Benzyl valerate	Benzyl valerate	Benzyl valeriate; Benzyl pentanoate; Phenyl methyl pentanoate;

09,153	2164	471	7549-41-9	Borno valerate	Bornyl valerate	Bornyl pentanoate;Bornyl valerianate;Bornyl n-pentanoate;endo-2-Camphanyl valerate; endo-2-Bornyl valerate; 1,7,7-Trimethyl-bicyclo [2.2.1] hept-2-yl pentanoate
09,154	4156	472	89-47-4	Menthyl valerate	Menthyl valerate	Menthyl pentanoate; p-Menthan-3-yl pentanoate
09,156	2726	479	111-80-8	Methyl 2-noninoat	Methyl 2-nonynoate	Methyl octine carbonate; Methyl octyne carbonate;
09,157	2448	480	10031-92-2	Ethyl 2-noninoat	Ethyl 2-nonynoate	Ethyl octyine carbonate;Ethyl octyne carboxylate; Ethyl non-2-ynoate; Ethyl hexyl propiolate;
09,158	2729	481	111-12-6	Methyl 2-oktinoat	Methyl 2-octynoate	Methyl heptine carbonate; Methyl heptyne carbonate;Methyl oct-2-ynoate;Methyl pentylpropiolate;
09,159	2068	497	638-49-3	Pentyl format	Pentyl formate	Amyl formate; Amyl formiat; Amyl methanoate; n-Pentyl methanoate;
09,160	2353	498	4351-54-6	Cyclohexyl format	Cyclohexyl formate	
09,161	2570	499	629-33-4	Hexyl format	Hexyl formate	n-Hexyl formate; Hexyl methanoate; Formic acid hexyl ester;
09,162	2069	500	110-45-2	3-methylbut format	3-Methylbutyl formate	Isoamyl formate;Isopentyl formate; Amyl iso formate; Pentyl iso formate; Isopentyl methanoate; Amyl iso methanoate; Isoamyl methanoate;
09,163	2196	501	592-84-7	Butyl format	Butyl formate	Butyl methanoate;
09,164	2197	502	542-55-2	Isobutyl format	Isobutyl formate	Tetryl formate; Butyl iso formate; Isobutyl methanoate;2-Methyl-1-propyl formate; 2-Methylpropyl formate

09, 165	2944	503	625-55-8	Isopropyl format	Isopropyl formate	Propyl iso formate; Propyl iso Methanoate; Isopropyl methanoate;
09, 166	2549	504	5870-93-9	Heptyl butyrate	Heptyl butyrate	Heptyl butanoate;
09, 167	2774	505	999-40-6	Neryl butyrate	Neryl butyrate	cis-3,7-Dimethyl-2,6-octadien-1-yl butanoate; 3,7-Dimethyl-2 (cis), 6-octadienyl butanoate
09, 168	2861	506	103-52-6	Phenethyl butyrate	Phenethyl butyrate	beta-Phenethyl n-butanoate;2-Phenylethyl butanoate; 2-Phenylethyl butyrate;Benzylcarbinyl butyrate;
09, 169	2777	509	105-91-9	Neryl propionate	Neryl propionate	cis-3,7-Dimethyl-2,6-octadien-1-yl propionate; 3,7-Dimethyl-2 (cis), 6-octadienyl propanoate
09, 171		527	77-54-3	Peel acetate	Cedryl acetate	2,6,6,8-Tetramethyl-tricyclo [5.3.1.0 (1.5)] undecan-8-yl acetate
09, 174	3687	552	613-70-7	2-methoxyphenyl acetate	2-Methoxyphenyl acetate	Guaiacyl acetate; 1-Acetoxy-2-methoxybenzene; Acetyl guaiacol; o-Methoxyphenyl acetate;
09, 176	2162	565	1200-67-5	Isobornyl format	Isobornyl formate	Isobornyl methanoate; exo-2-bornyl formate; exo-2-Camphanyl formate; 1,7,7-Trimethylbicyclo [2.2.1] hept-2-yl formate
09, 177	2678	572	7149-29-3	2-methylallyl butyrate	2-Methylallyl butyrate	2-Methyl-2-propen-1-yl butyrate; 2-Methylallyl butanoate; Isopropenyl carbinyl-n-butyrate; Methylallyl butyrate; 2-Methylprop-2-enyl butanoate
09, 178	2684	573	93-92-5	1-phenethyl acetate	1-Phenethyl acetate	Styrallyl acetate; alpha-Phenylethyl acetate; methyl phenylcarbinyl acetate; sec-Phenylethyl acetate; 1-Phenylethyl acetate
09, 179	2688	574	7775-38-4	1-phenethyl format	1-Phenethyl formate	alpha-Methylbenzyl formate;1-Phenyl-1-ethyl formate;Alpha-Methylbenzyl methanoate;
09,		581	112-39-	Methyl	Methyl	Methyl palmitate;

180			0	geksadekanoat	hexadecanoate	
09, 181	2709	583	13894-63-8	Methyl-hex-2-enoate	Methyl hex-2-enoate	Methyl -Propylacrylate;
09, 182	2752	588	624-24-8	Methyl valerate	Methyl valerate	Methyl pentanoate; Methyl valerianate ,;
09, 185		607	592-20-1	2-oxopropyl acetate	2-Oxopropyl acetate	Acetonyl acetate;
09, 186	3526	608	4906-24-5	sec-butane-3-onyl acetate	sec-Butan-3-onyl acetate	2-Acetoxy-3-butanone; AMC acetate; Acetoin acetate;Acetyl methyl carbinyl acetate;2-Butanon-3-yl acetate; 1-Methyl-2-oxopropyl acetate
09, 188		611	5933-87-9	Pentyl decanoate	Pentyl decanoate	Amyl caprate; Amyl caprinate;
09, 189	2424	628	10031-86-4	1-phenylpropyl butyrate	1-Phenylpropyl butyrate	alpha-Ethylbenzyl butyrate;Ethyl phenyl carbinyl butyrate;1-Phenyl-1-propyl butyrate;alpha-Phenylpropyl butyrate;
09, 191	3342		2396-83-0	Ethyl hex-3-enoate	Ethyl hex-3-enoate	
09, 192	2450	633	111-62-6	Ethyl oleate	Ethyl oleate	Ethyl cis-9-Octadecenoate;Ethyl octadec-9-enoate
09, 193	2451	634	628-97-7	Ethyl geksadekanoat	Ethyl hexadecanoate	Ethyl palmitate; Ethyl cetylate;
09, 194	2459	635	2396-84-1	Geksa Ethyl-2,4-dienoate	Ethyl hexa-2,4-dienoate	Ethyl sorbate; Ethyl 2,4-hexadienoate;
09,	256	643	10094-4	Hex-2-enyl	Hex-2-enyl	trans-2-Hexenyl acetate; 2-Hexen-1-yl acetate; 2-Hexenyl ethanoate;

196	4		0-3	acetate	acetate	
09, 197	3171	644	3681-71-8	Hex-3 (cis) -enyl acetate	Hex-3 (cis) -enyl acetate	cis-3-Hexen-1-yl acetate; cis-3-hexenyl acetate; cis-3-Hexenyl ethanoate;
09, 198		648	01/09/2050	Isopentyl valerate	Isopentyl valerate	Isoamyl pentanoate; 3-Methylbutyl pentanoate
09, 200	2882	671	10415-88-0	1-Methyl-3-phenylpropyl acetate	1-Methyl-3-phenylpropyl acetate	Methyl phenyl ethyl carbinyl acetate; 4-Phenyl-2-butyl acetate; Phenylethyl methyl carbinyl acetate;
09, 201		673	7460-74-4	Phenethyl valerate	Phenethyl valerate	Phenethyl pentanoate;
09, 202		679	141-06-0	Propyl valerate	Propyl valerate	Propyl pentanoate; Propyl valerate;
09, 204		711	544-35-4	Ethyl oktadeka-9.12-dienoate	Ethyl octadeca-9.12-dienoate	Ethyl linoleate;
09, 205		712	1191-41-9	Ethyl oktadeka-9,12,15-trienoat	Ethyl octadeca-9,12,15-trienoate	Ethyl linolenate;
09, 208		741	142-77-8	Butyl oleate	Butyl oleate	Butyl octadec-9-enoate
09, 209		742	589-75-3	Butyl octanoate	Butyl octanoate	Butyl caprylate;
09, 210	3490	745	111-61-5	Ethyl octadecanoate	Ethyl octadecanoate	Ethyl stearate;

09, 211	2223	747	05/01/60	Glyceryl tributirat	Glyceryl tributyrate	Tributyrin; Glycerol tributyrate;Butyrin;
09, 212	2776	2060	2142-94-1	Neryl format	Neryl formate	cis-3,7-Dimethyl-2,6-octadien-1-yl formate; cis-3,7-Dimethyl-2,6-octadien-1-yl methanoate;3,7-Dimethyl-2 (cis), 6-octadienyl formate
09, 213	2773	2061	141-12-8	Neryl acetate	Neryl acetate	cis-3,7-Dimethyl-2,6-octadien-1-yl acetate; cis-3,7-Dimethyl-2,6-octadien-1-yl ethanoate;3,7-Dimethyl-2 (cis), 6-octadienyl acetate
09, 214	3096	2062	112-19-6	Undec-10-enyl acetate	Undec-10-enyl acetate	Acetate C-11; 10-Hendecyl acetate; Undecylenic acetate;Undecenyl acetate;
09, 215	2250	2063	97-42-7	Carve acetate	Carvyl acetate	Carveyl acetate; p-Mentha-6,8-dien-2-yl acetate; p-Mentha-6,8-dien-2-yl acetate
09, 216	2380	2064	20777-49-5	Digidrokarvil acetate	Dihydrocarvyl acetate	6-Methyl-3- (1-methylvinyl) cyclohexyl acetate;Dihydrocarveyl acetate; 8-p-Menthen-2-yl acetate; 6-Methyl-3-isopropenylcyclohexenyl acetate; p-Menth-8-en-2-yl acetate
09, 218	2160	2066	125-12-2	Isobornyl acetate	Isobornyl acetate	Bornyl iso acetate; exo-2-Camphanyl acetate; Isobornyl ethanoate; exo-2-Bornyl acetate; 1,7,7-Trimethylbicyclo [2.2.1] hept-2-yl acetate
09, 219	2965	2067	57576-09-7	Izopulegil acetate	Isopulegyl acetate	5-Methyl-2-isopropenylcyclohexyl acetate; Pulegol iso acetate;1-Methyl-4-isopropenylcyclohexan-3-yl acetate; p-Menth-8-en-3-yl acetate
09, 220	2912	2068	326-61-4	Piperonyl acetate	Piperonyl acetate	Heliotropyl acetate; 3,4-Methylene dioxybenzyl acetate; 1,3-Benzodioxole-5-methanol, acetate; 3,4-Methylenedioxybenzyl acetate
09, 225	2783	2075	1322-17-4	1,3-nonanediol acetate	1,3-Nonanediol acetate	1,3-Nonanediol acetate (mixed esters); Acetoxy nonyl acetate (mixed esters);Jasmonyl; Nonan-1,3-diyl acetate
09, 227	2392	2077	151-05-3	1,1-Dimethyl-2-phenethyl	1,1-Dimethyl-2-phenethyl	2-Methyl-1-phenyl-2-propyl acetate; Benzyl dimethyl carbinyl acetate;Dimethylbenzyl carbinyl acetate;

				acetate	acetate	
09, 228	307 2	2078	533-18- 6	o-Tolilatsetat	o-Tolyl acetate	Acetyl o-Cresol; o-Cresol acetate; o-Cresyl acetate; o-Cresylic acetate; 2-Methylphenyl acetate
09, 230	235 1	2082	1551-44 -6	Cyclohexyl butyrate	Cyclohexyl butyrate	Cyclohexyl butanoate;
09, 231	268 6	2083	3460-44 -4	1-phenethyl butyrate	1-Phenethyl butyrate	alpha-Methylbenzyl butyrate;Methyl phenyl carbinyl butyrate; Styrallyl butyrate; 1-Phenyl-1-ethyl butanoate; 1-Phenylethyl butyrate
09, 232	239 4	2084	10094-3 4-5	1,1-Dimethyl-2- phenethyl butyrate	1,1-Dimethyl-2- phenethyl butyrate	2-Methyl-1-phenyl-2-propyl butyrate; Benzyl dimethyl carbinyl butyrate; alpha, alpha-dimethylphenethyl butyrate;
09, 233	204 0	2094	2408-20 -0	Allyl propionate	Allyl propionate	2-Propenyl propanoate; Allyl propanoate;
09, 234	272 5	2099	111-79- 5	Methyl-non-2-e noate	Methyl non-2-enoate	Methyl nonylenate; Methyl nonylenoate;
09, 235	219 4	2100	7492-45 -7	Butyl dec-2-enoate	Butyl dec-2-enoate	
09, 236	275 0	2101	5760-50 -9	Undec-9-methyl enoate	Methyl undec-9-enoate	Methyl undecylenate;
09, 237	246 1	1063 4	692-86- 4	Ethyl undec-10- enoate	Ethyl undec-10-enoate	Ethyl undecylenate;

09, 238	2216	2103	109-42-2	Butyl undec-10-enoate	Butyl undec-10-enoate	Butyl undecylenate;
09, 239	2751	2111	10522-18-6	Methyl 2-undetsinoat	Methyl 2-undecynoate	Methyl decyne carbonate;Methyl decine carbonate;Methyl undec-2-ynoate;Methyl octyl propiolate;
09, 240	3353	2153	33467-73-1	Hex-3 (cis) -enyl format	Hex-3 (cis) -enyl formate	beta, gamma-Hexenyl methanoate; (Z) -3-hexenol formate; Leaf alcohol formate;3-Hexenyl methanoate;
09, 244	2032	2181	123-68-2	Allyl hexanoate	Allyl hexanoate	Allyl caproate; 2-Propenyl hexanoate;
09, 246	2214	2189	123-95-5	Butyl octadecanoate	Butyl octadecanoate	Butyl stearate;
09, 247	4072	2222	20474-93-5	Allyl krotonoat	Allyl crotonate	Allyl but-2 (trans) -enoate
09, 248	3486	2244	623-70-1	Ethyl trans-2-butenoate	TRANS-ethyl 2-butenoate	Ethyl crotonate;
09, 249	3197	2276	68922-11-2	1-Methyl-2-phenethyl butyrate	1-Methyl-2-Phenethyl butyrate	1-Phenyl-2-propyl butyrate;alpha-Methylphenethyl butyrate;
09, 250		2303	10588-10-0	Isobutyl valerate	Isobutyl valerate	Isobutyl pentanoate; 2-Methylpropyl pentanoate
09, 251		2304	110-42-9	Methyl decanoate	Methyl decanoate	

09, 253		2308	528-79-0	2-Isopropyl-5-methylphenyl acetate	2-Isopropyl-5-methylphenyl acetate	Thymyl acetate; Acetyl thymol;
09, 254	3583	2347	4864-61-3	3-Octyl Acetate	3-Octyl acetate	1-Ethyl hexyl acetate; n-Amyl ethyl carbinyl acetate; 1-Ethylhexyl acetate
09, 256		2351	6513-03-7	Propyl nonanoate	Propyl nonanoate	Propyl pelargonate;
09, 258	2524	2525	3891-59-6	Glucose pentaacetate	Glucose pentaacetate	1,2,3,4,6-Pentaacetyl-alpha-d-Glucose; 1,2,3,4,6-Pentaacetyl-beta-d-Glucose;alpha-Pentaacetyl-dextro-Glucose; 1,2,3,4,6-Pentaacetyl-alpha-d-glucose and 1,2,3,4,6-pentaacetyl-beta-d-glucose
09, 260	3148	10574	3025-30-7	Egildeka-2 (cis), 4 (trans) -dienoat	Ethyldeca-2 (cis), 4 (trans) -dienoate	Ethyl (2E, 4Z) -decadienoate;
09, 261	3221	10882	6290-37-5	2-phenethyl hexanoate	2-Phenethyl hexanoate	2-Phenylethyl caproate; 2-Phenylethyl hexanoate;Benzylcarbinyl caproate;Benzylcarbinyl hexanoate;
09, 262	3222	10884	5457-70-5	Phenethyl octanoate	Phenethyl octanoate	2-Phenylethyl caprylate;Benzylcarbinyl octanoate;
09, 263	3286	10657	139-45-7	Glyceryl tripropionat	Glyceryl tripropionate	Propionic acid, triglyceride;Tripropionin;
09, 264	3332	10525	84642-61-5	Butane-sec-butyrate, 3-onyl	sec-Butan-3-onyl butyrate	Acetoyl butyrate; AMC butyrate; 1-Methyl-2-oxopropyl butanoate
09, 265	3344	10619	34495-71-1	Ethyl oct-4-enoate	Ethyl oct-4-enoate	

09, 266	3354	10688	19089-92-0	Hexyl 2-butenoate	Hexyl 2-butenoate	
09, 267	3364	10801	2396-78-3	Methyl hex-3-enoate	Methyl hex-3-enoate	O-Hexylhexanolide;
09, 268	3367	10834	21063-71-8	Methyl oct-4 (cis) -enoat	Methyl oct-4 (cis) -enoate	
09, 269	3390	11769	13851-11-1	Fenchene acetate	Fenchyl acetate	1,3,3-Trimethyl-2-norbornanyl acetate; 1,3,3-trimethyl-bicyclo [2.2.1] heptan-2-yl acetate
09, 270	3402	11859	16491-36-4	Hex-3-enyl butyrate	Hex-3-enyl butyrate	, Gamma-Hexenyl n-butyrate; cis-3-Hexenyl-butanoate;
09, 271	3403	11779	31501-11-8	Hex-3-enyl hexanoate	Hex-3-enyl hexanoate	3-Hexenyl caproate; cis-3-Hexenyl caproate;
09, 272	3405	10858	72928-52-0	Mirtenil format	Myrtenyl formate	2-Pinen-10-ol formate; (6,6-Dimethylbicyclo [3.3.1] hept-2-en-2-yl) methyl formate
09, 273	3432	10706	589-66-2	Isobutyl krotonoat	Isobutyl crotonate	2-Methylpropyl but-2 (trans) -enoate
09, 274	3492	10633	627-90-7	Ethyl undecanoate	Ethyl undecanoate	Ethyl undecylate, Ethyl hendecanoate;
09, 275	3493	10662	1576-77-8	Hept-3 (trans) -enyl acetate	Hept-3 (trans) -enyl acetate	
09, 276	3516	11906	3913-80-2	Oct-2-enyl acetate	Oct-2-enyl acetate	2-Octen-l-ol, acetate, (E) -;
09,	351	1190	84642-6	Oct-2 (trans)	Oct-2 (trans)	trans-2-Octenyl butyrate;

277	7	7	0-4	-enyl butyrate	-enyl butyrate	
09, 278	3561	10742	15111-96-3	p-mentha-1,8-dien-7-yl acetate	p-Mentha-1,8-dien-7-yl acetate	Perilla acetate; Perrilyl acetate; Perillyl acetate;Acetic acid, perillyl ester;Menthadien-7-carbinyl acetate;
09, 280	3579	11927	67715-81-5	Nonane-1,4-diyl diacetate	Nonane-l, 4-diyl diacetate	Nonanediol-1,4 acetate;
09, 281	3582	11716	10/06/2442	Oct-1-en-3-yl acetate	Oct-1-en-3-yl acetate	Octenyl acetate; Amyl vinyl carbinyl acetate; 3-Acetoxyoctene; Amyl crotonyl acetate; Pentyl crotonyl acetate; 1-Vinylhexyl acetate
09, 282	3612		16491-54-6	Oct-1-en-3-yl butyrate	Oct-l-en-3-yl butyrate	1-Vinylhexyl butyrate
09, 283	3641	10577	7367-88-6	Ethyl 2-ten-enoate	Ethyl dec-2-enoate	
09, 284	3642	10578	76649-16-6	Ethyl 4-ten-enoate	Ethyl dec-4-enoate	
09, 285	3643	10617	7367-82-0	Ethyl oct-2 (trans) - enoate	Ethyl oct-2 (TRANS) - enoate	
09, 286	3644	10762	624-41-9	2-methylbutyl acetate	2-Methylbutyl acetate	
09, 287	3648	10889	28316-62-3	Propyl-2,4-deck dienoate	Propyl deca-2,4-dienoate	
09,	365		3572-06	4-	4-	

288	2		-3	(4-Acetoxyphenyl) butan-2-one	(4-Acetoxyphenyl) butan-2-one	
09, 289	3657		36789-59-0	alpha Kamfolen acetate	alpha-Camphelene acetate	1-Acetoxy-2- (2,2,3) -trimethyl-3-cyclopentenyl ethane; 2-(2,2,3-Trimethylcyclopent-3-enyl) ethyl acetate
09, 290	3682		69925-33-3	Ethyl octa-4,7 dienoate	Ethyl octa-4,7 dienoate	Ethyl Z 4,7-octadienoate;
09, 291	3689		61444-38-0	Hex-3-enyl, hex-3-enoate	Hex-3-enyl hex-3-enoate	Z-3-Hexenyl Z-3-hexenoate;
09, 292	3692		33855-57-1	Hexyl 2-geksenoat	Hexyl 2-hexenoate	Hexyl E-2-hexenoate;
09, 293	3701		52789-73-8	1-Acetoxy-1-acetylcyclohexane	1-acetoxy-1-acetylcyclohexane	Methyl 1-acetoxycyclohexyl;1-Acetylcyclohexyl acetate;
09, 294	3702		17373-93-2	2-methylbenzyl acetate	2-Methylbenzyl acetate	
09, 298	3710		13481-87-3	Methyl non-3-enoate	Methyl non-3-enoate	
09, 299	3712	11800	7367-81-9	Methyl oct-2 (trans) -enoat	Methyl oct-2 (trans) -enoate	Methyl E-2-octenoate;
09, 300	3714		689-89-4	Geksa methyl-2,4-dienoate	Hexa Methyl-2,4 dienoate	Methyl sorbate; Methyl 2,4-hexadienoate; Methyl E, E-2,4 Hexadienoate;

09, 301	3733		59558-23-5	p-Tolyl octanoate	p-Tolyl octanoate	o-Cresyl octanoate; p-Methylphenyl octanoate; p-Cresyl caprylate; 4-Methylphenyl octanoate
09, 302	3765	10887	02/01/1079	Mirtenil acetate	Myrtenyl acetate	2-Pinen-10-ol acetate; (6,6-Dimethylbicyclo [3.3.1] hept-2-en-2-yl) methyl acetate
09, 303	4126	10664	253596-70-2	Hept-2-enyl isovalerate	Hept-2-enyl isovalerate	Hept-2-enyl 3-methylbutanoate
09, 304		10806		sec-heptyl isovalerate	sec-Heptyl isovalerate	1- Methylhexyl 3-methylbutanoate
09, 305	3844	10702	22030-19-9	beta-nonyl acetate	beta-Ionyl acetate	beta-Ionol acetate; 3-Buten-2-ol, 4- (2,6,6-trimethyl-1-cyclohexen-1-yl) -, acetate; 4-(2,2,6-Trimethylcyclohex-1-enyl) but-3-en-2-yl acetate
09, 306		10752		2-mil acetate Metoksitsinna	2-Methoxycinnamyl acetate	3- (2-Methoxyphenyl) prop-2-enyl acetate
09, 307		10766	CAS NO	2-methyl dodecanoate	2-Methylbutyl dodecanoate	
09, 312	2041	2182	7493-75-6	Allyl-2,4-hexadienoate	Allyl Hexa-2,4 dienoate	Allyl Sorbate;
09, 313		10523	56423-40-6	Benzyl 2-methylbutyrate	Benzyl 2-methylbutyrate	
09, 316	4026	10521	6938-45-0	Benzyl hexanoate	Benzyl hexanoate	
09, 319	3907		13109-70-1	Bornyl butyrate	Bomyl butyrate	Bornyl butanoate; Butyric acid, 2-bornyl ester; 1,7,7-Trimethyl-bicyclo [2.2.1] heptan-2-yl butanoate
09,		1052	105-46-	sec-Butyl	sec-Butyl	But-2-yl acetate; 1-Methylpropyl acetate

323		7	4	acetate	acetate	
09, 325		1052 8	819-97-6	sec-Butyl butyrate	sec-Butyl butyrate	But-2-yl butyrate; 1-Methylpropyl butanoate
09, 326		1052 9	28369-24-6	Butyl-2,4-deck dienoate	Butyl deca-2,4 dienoate	
09, 327		1053 0	30673-36-0	Butyl decanoate	Butyl decanoate	Butyl caprate;
09, 328		1053 2	589-40-2	sec-Butyl format	sec-Butyl formate	But-2-yl formate; 1-Methylpropyl formate
09, 332		1053 3	820-00-8	sec-Butyl hexanoate	sec-Butyl hexanoate	But-2-yl caproate; 2-Butyl hexanoate; 1-Methylpropyl hexanoate
09, 335		1053 6	57403-32-4	Butyl oct-2-enoate	Butyl oct-2-enoate	
09, 345		1055 5	818-04-2	Di-isopentyl succinate	Di-isopentyl succinate	Di-isoamyl succinate; Di (3-methylbutyl) succinate; Di- (3-Methylbutyl) butanedioate
09, 351		1055 1	141-05-9	Diethyl maleate	Diethyl maleate	2-Butenedioic acid diethyl ester; Ethyl maleate; Diethyl but-2 (cis) -enedioate
09, 352		1054 9	624-17-9	Diethyl nonandioat	Diethyl nonanedioate	Diethyl azelate;
09, 355		1085 9	20777-49-5	Neo-Digidrokarvil acetate	neo-Dihydrocarvyl acetate	p-Menth-8 (9) -en-2-yl acetate
09, 358		1089 9	20780-49-8	3.7 Dimethyloctyl	3,7-Dimethyloctyl acetate	Tetrahydrogeranyl acetate;

				acetate		
09, 365		10610	638-10-8	Ethyl 3-metilkrotonoat	Ethyl 3-methylcrotonate	Ethyl senecioate; Ethyl 3-methylbut-2 (trans) -enoate
09, 368		10615	6849-18-9	Ethyl 4-metilpent-3-enoate	Ethyl 4-methylpent-3-enoate	
09, 370		10579	67233-91-4	Ethyl dec-9-enoate	Ethyl dec-9-enoate	
09, 371	3832	10576	78417-28-4	Ethyl deca-2,4,7-trienoat	Ethyl deca-2,4,7-trienoate	Ethyl deca-2,4,7-trienoate;2,4,7-Decatrienoic acid, ethyl ester;
09, 372		10584	28290-90-6	Ethyl 2- dodec-enoate	Ethyl-2- dodec enoate	
09, 377		10618	1117-65-3	Ethyl oct-3-enoate	Ethyl oct-3-enoate	
09, 379		10623	2445-93-4	Ethyl pent-2-enoate	Ethyl pent-2-enoate	
09, 380		10622	41114-00-5	Ethyl pentadekanoat	Ethyl pentadecanoate	
09, 382	4122		68705-63-5	(E) -Geranil 2-methyl butyrate	Butanoic acid, 2-methyl-, (2E) -3.7-dimethyl-2,	

					6 octadienyl ester; (E) -Geranyl 2-Butanoic acid, 2-methyl-, 3,7 dimethyl-methy lbutyrate 2.6-octa- dienyl ester, (E) -;Geranyl 2-methylbutano ate	
09, 383	404 4	1182 9	7785-33 -3	Geranyl 2-metilkrotonoa t	Geranyl 2-methylcrotona te	Geranyl tiglate; 3,7-Dimethyl-2 (trans), 6-octadienyl 2-methylbut-2 (trans) -enoate
09, 385		1066 1	16939-7 3-4	Hept-2-enyl acetate	Hept-2-enyl acetate	
09, 387		1066 8	50862-1 2-9	Heptyl, 2-methylbutyrat e	Heptyl 2-methylbutyrat e	
09, 388		1080 2	5921-82 -4	sec-heptyl acetate	sec-Heptyl acetate	1-Methylhexyl acetate

09, 390		10666	6976-72-3	Heptyl hexanoate	Heptyl hexanoate	
09, 391		10805	6624-58-4	sec-heptyl hexanoate	sec-Heptyl hexanoate	1-Methylhexyl hexanoate
09, 392		10667	56423-43-9	Heptyl isovalerate	Heptyl isovalerate	Heptyl 3-methylbutanoate
09, 394	2564	643	2497-18-9	Hex-2 (trans) -enyl acetate	Hex-2 (trans) -enyl acetate	trans-2-Hexenyl acetate; 2-Hexen-1-yl acetate;
09, 395	3932	11830	53398-80-4	Hex-2 (trans) -enyl propionate	Hex-2 (trans) -enyl propionate	2-Hexenyl propanoate; (E) -Hex-2-enyl propionate; trans-2-Hexenyl propionate;
09, 396	3926		53398-83-7	Hex-2-enyl butyrate	Hex-2-enyl butyrate	
09, 397	3927	11858	53398-78-0	Hex-2-enyl format	Hex-2-enyl formate	(E) -Hex-2-enyl formate;trans-2-Hexenyl formate;
09, 398	3983		16630-55-0	3- (Methylthio) propyl acetate	3- (Methylthio) propyl acetate	Hexanoic acid, (2E) -2-hexenyl ester; trans-2-Hexenyl caproate; trans-2-Hexenyl hexanoate '(E) -2-Hexenyl hexanoate
09, 399	3930		35154-45-1	Hex-2-enyl isovalerate	Hex-2-enyl isovalerate	Hex-2-enyl 3-methylbutanoate
09, 401	3551	227	2308-18-1	Isopentyl acetoacetate	Isopentyl acetoacetate	3-Methylbutyl acetoacetate;Pentyl 3-Oxobutanoate;Isoamyl Beta-ketobutyrate; 3-Methylbutyl 3-oxobutanoate
09, 402	2415	240	141-97-9	Ethyl acetoacetate	Ethyl acetoacetate	Ethyl acetylacetate; Ethyl beta-Ketobutyrate;Acetoacetic ester; Ethyl 3-oxobutanoate
09,	217	241	591-60-	Butyl	Butyl	Butyl 3-ketobutanoate; Butyl 3-Ketobutyrate; Butyl 3-oxobutanoate

403	6		6	acetoacetate	acetoacetate	
09, 404	2177	242	7779-75-1	Isobutyl acetoacetate	Isobutyl acetoacetate	Isobutyl-beta-ketobutyrate;Isobutyl-3-oxobutanoate; 2-Methyl-1-propyl acetoacetate;Isobutyl 3-ketobutanoate; 2-Methylpropyl 3-oxobutanoate
09, 405	2510	243	10032-00-5	Geranium acetoacetate	Geranyl acetoacetate	Geranyl 3-oxobutanoate;Geranyl beta-ketobutyrate;trans-3,7-Dimethyl-2,6-octadien-1-yl acetoacetate;3,7-Dimethylocta-2 (trans), 6-dienyl 3-oxobutanoate
09, 406	2136	244	5396-89-4	Benzyl 3-oxobutyrate	Benzyl 3-oxobutyrate	Benzyl acetylacetate; Benzyl 3-Oxobutanoate; Benzyl -Ketobutyrate;
09, 407	2869	246	42078-65-9	2-phenethyl-3 metilkrotonoat	2-Phenethyl 3-methylcrotonate	2-Phenylethyl 3-methyl-2-butenoate; 2-Phenethyl senecioate; Phenethyl 3,4-dimethylacrylate; 2-Phenylethyl 3-methylbut-2 (trans) -enoate
09, 408	2180	247	7779-81-9	Isobutyl 2-metilbut-2 (cis) -enoat	Isobutyl 2-methylbut-2 (CIS) -enoate	Isobutyl angelate; Butyl iso angelate; Butyl iso cis-2-methyl-2-butenoate; 2-Methylpropyl 2-methylbut-2 (cis) -enoate
09, 409	2443	265	7452-79-1	Ethyl 2-methylbutyrate	Ethyl 2-methylbutyrate	Ethyl 2-methylbutanoate;
09, 410	2029	281	7493-69-8	Allyl 2-ethylbutyrate	Allyl 2-ethylbutyrate	2-Propenyl 2-ethylbutanoate;2-Propenyl 2-ethylbutyrate;
09, 411	2024	283	7493-65-4	Allyl tsiklogeksanbutirat	Allyl cyclohexanebutyrate	Allyl 4-cyclohexylbutyrate; 2-Propen-1-yl cyclohexanebutyrate; Allyl hexahydrophenylbutyrate;Allyl cyclohexylbutyrate;

09, 412	2694	287	547-63-7	Methyl isobutyrate	Methyl isobutyrate	Methyl dimethylacetate;Methyl-2-methylpropionate;Methyl 2-methylpropanoate
09, 413	2428	288	97-62-1	Ethyl isobutyrate	Ethyl isobutyrate	Ethyl isobutanoate; Ethyl 2-methylpropanoate; Propanoic acid, 2-methyl-, ethyl ester;Ethyl-2-methylpropanoate
09, 414	2936	289	644-49-5	Propyl isobutyrate	Propyl isobutyrate	Propyl 2-methylpropanoate
09, 415	2937	290	617-50-5	Isopropyl isobutyrate	Isopropyl isobutyrate	Propyl iso isobutyrate;Isopropyl 2-methylpropanoate;Propyl iso 2-methylpropanoate; Isopropyl 2-methylpropanoate
09, 416	2188	291	97-87-0	Butyl isobutyrate	Butyl isobutyrate	Butyl-2-methylpropionate; n-Butyl 2-methylpropanoate;Isobutyl 2-methylpropanoate
09, 417	2189	292	97-85-8	Isobutyl isobutyrate	Isobutyl isobutyrate	Isobutyl 2-methylpropionate;Butyl iso 2-Methylpropanoate;2-Methyl-1-propyl 2-methylpropanoate; Isobutyl 2-methylpropanoate; 2-Methylpropyl 2-methylpropanoate
09, 418		293	2445-72-9	Pentyl isobutyrate	Pentyl isobutyrate	Amyl isobutyrate; Amyl isobutyraye; Pentyl 2-methylpropanoate
09, 419	3507	294	01/03/2050	Isopentyl isobutyrate	Isopentyl isobutyrate	Isopentyl-2-methyl propanoate; 3-Methylbutyl 2-methylpropanoate
09, 420	2550	295	2349-13-5	Heptyl isobutyrate	Heptyl isobutyrate	Heptyl 2-methylpropanoate;Heptyl 2-methylpropanoate
09, 421	2313	296	97-89-2	Citronella isobutyrate	Citronellyl isobutyrate	Citronellyl 2-methylpropionate;3,7-Dimethyl-6-octen-1-yl isobutyrate; 3,7-Dimethyl-6-octen-1-yl 2-methylpropanoate; 3,7-Dimethyloct-6-enyl 2-methylpropanoate
09,	264	298	78-35-3	Linalyl	Linalyl	Linalyl 2-methylpropionate;3,7-Dimethyl-1,6-octadien-3-yl isobutyrate; Linalool

423	0			isobutyrate	isobutyrate	isobutyrate; 1,5-Dimethyl-1-vinylhex-4-enyl 2-methylpropanoate
09, 424	2775	299	2345-24-6	Neryl isobutyrate	Neryl isobutyrate	2-cis-3,7-Dimethyl-2,6-octadien-1-yl isobutyrate; 3,7-Dimethyl-2 (cis), 6-octadienyl 2-methylpropanoate
09, 425	3050	300	7774-65-4	Terpinene 2-methylpropionate	Terpinyl 2-methylpropionate	Terpinyl isobutyrate; 1-Methyl-1- (4-methylcyclohex-3-enyl) ethyl 2-methylpropionate; p-Menth-1-en-8-yl isobutyrate
09, 426	2141	301	103-28-6	Benzyl isobutyrate	Benzyl isobutyrate	Benzyl 2-methylpropanoate;Benzyl-2-methylpropanoate
09, 427	2862	302	103-48-0	Phenethyl isobutyrate	Phenethyl isobutyrate	2-Phenethyl isobutyrate; 2-Phenylethyl isobutyrate;Benzylcarbinyl 2-methylpropanoate; Phenethyl 2-methylpropanoate; 2-Phenylethyl 2-methylpropanoate
09, 428	2893	303	103-58-2	3-phenylpropyl isobutyrate	3-Phenylpropyl isobutyrate	Hydrocinnamyl isobutyrate;Hydrocinnamyl 2-methylpropanoate; 3- Phenylpropyl 2-methylpropanoate
09, 429	3075	304	103-93-5	p-tolyl isobutyrate	p-Tolyl isobutyrate	p-Cresyl isobutyrate; p-Methylphenyl 2-methylpropanoate; p-Methylphenyl isobutyrate; p-Tolyl 2-methylpropanoate; 4-Methylphenyl 2-methylpropanoate
09, 430	2913	305	5461-08-5	Piperonyl isobutyrate	Piperonyl isobutyrate	Piperonyl 2-methylpropionate;3,4-Methylenedioxybenzyl-2-methylpropanoate;Heliotropyl-2-methylpropanoate; 3,4-Methylenedioxybenzyl 2-methylpropanoate
09, 431	2513	306	2345-26-8	Geranium isobutyrate	Geranyl isobutyrate	Geranyl 2-methylpropionate;trans-3,7-Dimethyl-2,6-octadien-1-yl isobutyrate; 3,7-Dimethylocta-2 (trans), 6-dienyl 2-methylpropanoate
09, 432	2721	322	2412-80-8	Methyl 4-methylvalerate	Methyl 4-methylvalerate	Methyl 4-methylpentanoate;Methyl isocaproate, Methyl isobutylacetate

09, 433	2440	371	97-64-3	Ethyl lactate	Ethyl lactate	Ethyl alpha-hydroxypropionate; Ethyl 2-hydroxypropanoate
09, 434	2205	372	138-22-7	Butyl lactate	Butyl lactate	Butyl alpha-hydroxypropionate; Butyl hydroxypropanoate; Butyl 2-hydroxypropanoate
09, 435	2442	373	539-88-8	Ethyl 4-oksovalerat	Ethyl 4-oxovalerate	Ethyl laevulinate; Ethyl 4-ketovalerate; Ethyl acetylpropanoate; Ethyl laevulate; Ethyl levulinate
09, 436	2207	374	2052-15-5	4-Butyl oksovalerat	Butyl 4-oxovalerate	Butyl laevulinate; Butyl 4-ketovalerate; Butyl 4-oxopentanoate; Butyl acetylpropionate
09, 439	2374	382	7554-12-3	Diethyl malate	Diethyl malate	Diethylhydroxysuccinate;Ethyl malate; Diethyl 2-hydroxybutanedioate
09, 441	2195	384	17373-84-1	Butyl ethyl malonate	Butyl ethyl malonate	Ethyl butyl maloate; Butyl ethyl propanedioate
09, 442	2457	430	617-35-6	Ethyl pyruvate	Ethyl pyruvate	Ethyl acetylformate; Ethyl alpha-Ketopropionate; Ethyl pyroracemate; Ethyl 2-oxopropanoate
09, 443	2083	431	7779-72-8	Isopentyl pyruvate	Isopentyl pyravate	Isoamyl 2-oxopropanoate; 3-Methylbutyl 2-oxopropanoate
09, 444	2377	438	123-25-1	Diethyl succinate	Diethyl succinate	Diethyl butanedionate; Diethyl ethanedicarboxylate; Ethyl succinate; Diethyl butanedioate
09, 445	2396	439	106-65-0	Dimethyl succinate	Dimethyl succinate	Dimethyl butanedionate;Methyl succinate; Dimethyl butanedioate
09, 446	2378	440	87-91-2	Diethyl tartrate	Diethyl tartrate	Diethyl 2,3-dihydroxybutanedioate; Ethyl tartrate; Diethyl 2,3-dihydroxysuccinate; Diethyl 2,3-dihydroxybutanedioate
09,	246	442	108-64-	Ethyl	Ethyl	Ethyl -methylbutyrate; Ethyl isopentanoate; Ethyl 3-methylbutanoate

447	3		5	isovalerate	isovalerate	
09, 448	2960	443	557-00-6	Propyl isovalerate	Propyl isovalerate	Propyl isovalerianate; Propyl 3-methylbutanoate; Propyl isopentanoate; Propyl 3-methylbutyrate
09, 449	2218	444	109-19-3	Butyl isovalerate	Butyl isovalerate	Butyl isovalerianate; Butyl isopentanoate; Butyl-3-methylbutanoate
09, 450	2961	445	32665-23-9	Isopropyl isovalerate	Isopropyl isovalerate	Propyl iso isovalerate;Isopropyl isovalerianate;Isopropyl isopentanoate;Isopropyl 3-methylbutanoate
09, 451	2814	446	7786-58-5	Octyl isovalerate	Octyl isovalerate	Octyl isovalerianate; Octyl isopentanoate; Octyl 3-methylbutyrate; Octyl 3-methylbutanoate
09, 452	2791	447	7786-47-2	Nonyl isovalerate	Nonyl isovalerate	Nonyl isovalerianate; Nonyl isopentanoate; Nonyl 3-methylbutanoate
09, 453	2518	448	109-20-6	Geranyl isovalerate	Geranyl isovalerate	Geranyl 3-methylbutyrate;trans-3,7-Dimethyl-2,6-octadien-1-yl isopentanoate;3,7-Dimethylocta-2 (trans), 6-dienyl 3-methylbutanoate
09, 454	2646	449	1118-27-0	Linalyl isovalerate	Linalyl isovalerate	Linalyl 3-methylbutyrate; 3,7-Dimethyl-1,6-octadien-3-yl isovalerate; Linalyl isopentanoate; Linalyl isovalerianate; 1,5-Dimethyl-1-vinylhex-4-enyl 3-methylbutanoate
09, 455	2669	450	16409-46-4	Menthyl isovalerate	Menthyl isovalerate	p-Menth-3-yl isovalerate;Menthyl isovalerianate; 1-Isopropyl-4-methylcyclohex-2-yl 3-methylbutanoate; 2-Isopropyl-5-methylcyclohexanyl 3-methylbutanoate
09, 456	2165	451	76-50-6	Bornyl isovalerate	Bornyl isovalerate	Bornyl 3-methylbutyrate;Bornyl isovalerianate; Bornyl isopentanoate; 1,7,7-Trimethyl-bicyclo [2.2.1] hept-2-yl 3-methylbutanoate
09, 457	2166	452	7779-73-9	Isobornyl isovalerate	Isobornyl isovalerate	Isobornyl 3-methylbutyrate;Isobornyl isovalerianate;Bornyl iso isovalerate; Bornyl iso isopentanoate; 1,7,7-Trimethylbicyclo [2.2.1] hept-2-yl 3-methylbutanoate
09,	215	453	103-38-	Benzyl	Benzyl	Benzyl isovalerianate; Benzyl isopentanoate; Benzyl 3-methyl butanoate

458	2		8	isovalerate	isovalerate	
09, 459	2302	454	140-27-2	Cinnamyl isovalerate	Cinnamyl isovalerate	Cinnamyl-3-methylbutyrate;Cinnamyl isovalerianate; 3-Phenylallyl isovalerate; 3-Phenyl-2-propen-1-yl 3-methylbutanoate; 3-Phenylprop-2-enyl 3-methylbutanoate
09, 460		455	68922-10-1	Citronella isovalerate	Citronellyl isovalerate	Citronellyl isopentanoate; 3,7-Dimethyloct-6-enyl 3 -methylbutanoate
09, 461	3054	456	1142-85-4	Turpin isovalerate	Terpinyl isovalerate	p-Menth-1-en-8-yl isovalerate;Terpinyl isopentanoate; p-Menth-1-en-8-yl 3-methylbutyrate; p-Menth-1-en-8-yl 3-methylbutanoate
09, 462	2753	457	556-24-1	Methyl isovalerate	Methyl isovalerate	Methyl ISO valerianate, Methyl -methyl butyrate;Methyl 3-methylbutanoate
09, 463	2085	458	659-70-1	3-methylbutyl 3-methylbutyrate	3-Methylbutyl 3-methylbutyrate	Isoamyl isopentanoate;Isopentyl isopentanoate; ISO amyl butyrate -methyl
09, 464	2355	459	7774-44-9	Cyclohexyl isovalerate	Cyclohexyl isovalerate	Cyclohexyl isovalerianate;Cyclohexyl isopentanoate;Cyclohexyl-3-methylbutanoate
09, 465	2987	460	7778-96-3	Rodin isovalerate	Rhodinyl isovalerate	alpha-Citronellyl isopentanoate; 3,7-Dimethyloct-7 3-enyl -methylbutanoate
09, 466	2871	461	140-26-1	Phenethyl isovalerate	Phenethyl isovalerate	Phenylethyl isopentanoate; 2-Phenylethyl isovalerate;Benzylcarbinyl 3-methylbutanoate; 2-Phenylethyl 3-methylbutanoate
09, 467	2899	462	5452-07-3	3-phenylpropyl isovalerate	3-Phenylpropyl isovalerate	Hydrocinnamyl isovalerate; 3-Phenylpropyl isovaleriate;Hydrocinnamyl 3-methylbutanoate; 3-Phenylpropyl isopentanoate;3-Phenylpropyl 3-methylbutanoate
09, 468	2067	463	7493-80-3	alpha Pentiltsinnamil	alpha-Pentylcinnamyl	alpha-Amylcinnamyl 3-methylbutyrate; alpha-n-Amyl-beta-phenylacryl isovalerate;Floxin isovalerate; 2-Pentyl-3-phenylprop-2-enyl 3-methylbutanoate

				isovalerate	isovalerate	
09, 469	2027	474	7493-68-7	Allyl tsiklogeksanvalerat	Allyl cyclohexanevalerate	Allyl 5-cyclohexylpentanoate;Allyl cyclohexanepentanoate;2-Propen-1-yl cyclohexanevalerate;
09, 470	2297	496	103-59-3	Cinnamyl isobutyrate	Cinnamyl isobutyrate	Cinnamyl-2-methylpropionate;Cinnamyl 2-methylpropanoate; 3-Phenyl-2-propen-1-yl isobutyrate; 3-Phenylprop-2-enyl 2-methylpropanoate
09, 471	2778	508	3915-83-1	Neryl isovalerate	Neryl isovalerate	Neryl beta-methylbutyrate;Neryl 3-methylbutyrate; Neryl isovalerianate; cis-3,7-Dimethyl-2,6-octadien-1-yl isopentanoate; 3,7-Dimethyl-2 (cis), 6-octadienyl 3-methylbutanoate
09, 472	3369	568	589-59-3	Isobutyl isovalerate	Isobutyl isovalerate	2-Methylpropyl 3-methylbutanoate
09, 473	2808	593	109-15-9	Octyl isobutyrate	Octyl isobutyrate	Octyl 2-methylpropanoate
09, 474	2373	622	109-43-3	Dibutyl sebacate	Dibutyl sebacate	Butyl sebacate; Dibutyl decanedioate; Dibutyl 1,8-octanedicarboxylate; Dibutyl decane-1,10-dioate
09, 475	2376	623	110-40-7	Diethyl sebacate	Diethyl sebacate	Diethyl 1,8-octanedicarboxylate; Ethyl sebacate; Diethyl decanedioate
09, 476	2423	627	94-02-0	Ethyl 3-phenyl-3-oxopropionate	Ethyl 3-Phenyl-3-oxopropionate	Ethyl benzoylacetate; Ethyl 3-phenyl-3-oxopropanoate;Ethyl beta-Keto-beta-phenylpropionate
09, 478	3172	646	07/07/2349	Hexyl isobutyrate	Hexyl isobutyrate	Hexyl 2-methylpropanoate
09,	375	681	36438-5	o-tolyl	o-Tolyl	2-Methylphenyl 2-methylpropanoate

480	3		4-7	isobutyrate	isobutyrate	
09, 481		710	105-58-8	Diethyl carbonate	Diethyl carbonate	
09, 482	2023	2070	4728-82-9	Allyl tsiklogeksanatsetat	Allyl cyclohexaneacetate	Allyl cyclohexylacetate; 2-Propen-1-yl cyclohexaneacetate
09, 483	2719	2085	868-57-5	Methyl 2-methylbutyrate	Methyl 2-methylbutyrate	Methyl methylethylacetate, Methyl-2-methylbutanoate
09, 484	2736	2086	10031-71-7	1,1-Dimethyl-3-phenylpropyl isobutyrate	1.1-Dimethyl-3-phenylpropyl isobutyrate	Dimethyl phenethyl carbinyl isobutyrate; 2-Methyl-4-phenyl-2-butyl isobutyrate; 2-Methyl-4-phenyl-2-butyl-2-methylpropanoate; 1,1-Dimethyl-3-phenylpropyl 2-methylpropanoate
09, 485	2892	2087	65813-53-8	2-phenylpropyl isobutyrate	2-Phenylpropyl isobutyrate	2-Methyl-2-phenylethyl 2-methylpropanoate; 2-Alpha-Phenylpropyl alcohol, isobutyric ester; Hydratropyl isobutyrate; 2-Phenylpropyl 2-methylpropanoate
09, 486	2687	2088	7775-39-5	1-phenethyl isobutyrate	1-Phenethyl isobutyrate	alpha-Methylbenzyl isobutyrate; Styrallyl isobutyrate; Methyl phenyl carbinyl butyrate; 1-Phenyl-1-ethyl 2-Methylpropanoate;Methyl phenylcarbinyl isobutyrate; 1-(2-Phenylethyl) 2-methylpropanoate
09, 487	2873	2089	103-60-6	2-phenoxyethyl isobutyrate	2-Phenoxyethyl isobutyrate	2-Phenoxyethyl 2-methylpropanoate; Ethylene glycol monophenyl ether, isobutyrate; Phenylcellosolve isobutyrate; 2-Phenoxyethyl-2-methylpropanoate
09, 488	2431	2095	10094-36-7	Ethyl cyclo geksanpropionat	Ethyl cyclo-hexanepropionate	Ethyl 3-cyclohexylpropionate;Ethyl hexahydrophenylpropionate

09, 489	2045	2098	2835-39-4	Allyl isovalerate	Allyl isovalerate	2-Propenyl isopentanoate;Allyl isopentanoate; Allyl isovalerianate; 2-Propenyl 3-methylbutanoate; Allyl 3-methylbutanoate
09, 490	2375	2106	105-53-3	Diethyl malonate	Diethyl malonate	Ethyl malonate; Malonic ester;Ethyl propanedioate; Ethyl methanedicarboxylate; Diethyl propanedioate
09, 491	2190	2107	7492-70-8	Butyl-O-butirillaktat	Butyl-O-butyryllactate	Butyl butyrolactate; Butyl-alpha-butyroxy propionate;Butyl 2- (propylcarboxy) propanoate; Butyl 2-butanoyloxypropanoate
09, 492	2025	2180	7493-66-5	Allyl cyclo geksangeksanoat	Allyl cyclo-hexanehexanoate	Allyl 3-cyclohexylhexanoate;Allyl hexahydrophenylhexanoate;Allyl cyclohexanecaproate
09, 493	2043	2183	7493-71-2	Allyl 2-metilkrotonoat	Allyl 2-methylcrotonate	Allyl tiglate; Allyl-trans-2,3-dimethylacrylate; Allyl-trans-2-methyl-2-butenoate; Allyl-2-methyl-crotonate; Allyl 2-methylbut-2 (trans) -enoate
09, 494	3330	2184	37526-88-8	Benzyl 2-metilkrotonoat	Benzyl 2-methylcrotonate	Benzyl tiglate; Benzyl trans-2,3-dimethyl acrylate; Benzyl trans-2-methyl crotonate;Benzyl 2-methylbut-2 (trans) -enoate
09, 495	2460	2185	5837-78-5	Ethyl 2-metilkrotonoat	Ethyl 2-methylcrotonate	Ethyl tiglate; Ethyl trans-2,3-dimethyl acrylate; Ethyl (trans) -2-Methylcrotonate; Tiglic acid ethyl ester; Ethyl 2-methylbut-2 (trans) -enoate
09, 496	2870	2186	55719-85-2	2-phenethyl metilkrotonoat	Phenethyl 2-methylcrotonate	Phenethyl tiglate; 2-Phenylethyl tiglate; 2-Phenylethyl trans-2,3-dimethylacrylate; 2-Phenylethyl trans-2-methylbutenoate; 2-Phenylethyl 2-methylbut-2 (trans) -enoate
09, 498	2026	2223	2705-87-5	Allyl cyclo geksanpropionat	Allyl cyclo-hexanepropionat	Allyl 3-cyclohexylpropionate;2-Propen-1-yl cyclohexanepropionate; Allyl hexahydrophenylpropionate

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09, 499		2224	25415-62-7	Pentyl isovalerate	Pentyl isovalerate	Amyl isopentanoate; Pentyl 3-methylbutyrate; Pentyl-3-methyl butanoate; n-Amyl isovalerianate; Pentyl 3-methylbutanoate
09, 501	2416	2241	620-79-1	Ethyl 2-acetyl-3-phenylpropionate	Ethyl 2-acetyl-3-phenylpropionate	Ethyl 2-benzylacetoacetate;Ethyl 2-acetyldihydrocinnamate; Ethyl alpha-acetylhydrocinnamate
09, 502		2242	71662-27-6	Ethyl lactate butyryl	Ethyl butyryl lactate	Ethyl O-butyryllactate; Ethyl 2- (butoxycarbonyl) propanoate
09, 505	3498	2344	10032-11-8	Hex-3-enyl isovalerate	Hex-3-enyl isovalerate	3-Hexenyl isopentanoate; 3-Hexenyl isovalerate; Hex-3-enyl 3-methylbutanoate
09, 506	3497	2345	10094-41-4	Hex-3-enyl 2-methylbutyrate	Hex-3-enyl 2-methylbutyrate	3-Hexenyl 2-methylbutyrate;cis-3-Hexenyl-a-methylbutyrate; Hex-3-enyl 2-methylbutanoate;
09, 507	3499	4132	10032-15-2	Hexyl 2-methyl butyrate	Hexyl 2-methylbutyrate	
09, 508	2143	11868	7492-69-5	Benzyl 2,3 dimetilkrotonoat	Benzyl 2,3 dimethylcrotonate	Benzyl methyltiglate; Benzyl 2,3-dimethyl-2-butenoate;Benzyl-2,3-dimethylbut-2 (trans) -enoate
09, 509	2388	11828	7774-60-9	1-Methyl-1-phenethyl isobutyrate	1-Methyl-1-phenethyl isobutyrate	Dimethyl phenyl carbinyl isobutyrate; Phenylpropan-2-yl 2-methylpropionate; alpha, alpha-Dimethylbenzyl isobutyrate; 2-Phenylpropan-2-yl 2-methylpropanoate; 1-Methyl-1- (2-phenylethyl) 2-methylpropanoate
09,	241	1184	1321-30	Ethyl akonitat	Ethyl aconitate	Triethyl aconitate; Ethyl 1-propene-1,2,3-tricarboxylate;Ethyl

510	7	5	-8			2-carboxyglutaconate;Triethyl propene-1,2,3-tricarboxylate
09, 511	3080		77-90-7	Tributyl atsetiltsitrat	Tributyl acetylcitrate	Acetyl tributylcitrate; Tributyl 2-acetoxy-1,2,3-propanetricarboxylate
09, 512	3083	11762	77-93-0	Triethyl citrate	Triethyl citrate	Ethyl citrate; Triethyl 2-hydroxy-1,2,3-propanetricarboxylate
09, 513	3229	10733	1733-25-1	2-isopropyl metilkrotonoat	Isopropyl 2-methylcrotonate	Propyl iso tiglate, Isopropyl tiglate; Propyl iso alpha-Methylcrotonate; Isopropyl alpha-Methylcrotonate;Isopropyl 2-methylbut-2 (trans) -enoate
09, 514	3278	11903	13246-52-1	Ethyl 2,4-dioksogeksanoat	Ethyl 2,4-dioxohexanoate	Ethyl propionylpyruvate; Ethyl-2,4-diketocaproate; ethyl propionyl pyruvate
09, 515	3339	11667	73019-14-4	Geranyl 2-ethyl butyrate	Geranyl 2-ethylbutyrate	3,7-Dimethyl-2 (trans), 6-octadienyl 2-ethylbutanoate
09, 516	3359	10773	2445-78-5	2-methylbutyl 2-methylbutyrate	2-Methylbutyl 2-methylbutyrate	2-Methylbutyl 2-methylbutanoate
09, 517	3361	10781	2270-60-2	Methyl citronellate	Methyl citronellate	Methyl-3,7-dimethyl-oct-6-enoate; Methyl 3,7-dimethyloct-6-enoate
09, 518	3387	10545	55066-56-3	4-methylphenyl isovalerate	4-Methylphenyl isovalerate	p-Cresyl isopentanoate; 4-Methylphenyl 3-methylbutyrate; p-Tolyl isovalerate; p-Tolyl-3-methyl butyrate; 4-Methylphenyl 3-methylbutanoate
09, 519	3393	10534	15706-73-7	Butyl 2-methylbutyrate	Butyl 2-methylbutyrate	

09, 520	3408	10785	24851-98-7	3-Methyl-2-oxo -1-pentyl tsiklopentilatsetat	Methyl 3-oxo-2-pentyl-1-cyclopentylacetate	Hedione; Methyl dihydrojasmonate; Methyl 2-pentyl-3-oxo-1-cyclopentyl-acetate; Jasmonic acid, (E) -dihydro-, methyl ester
09, 521	3410	10821	39924-52-2	3-Methyl-2-oxo -pent-2-enyl-1-tsiklopentilatsetat	Methyl 3-oxo-2-Pent-2-enyl-1-cyclopentylacetate	Methyl jasmonate; 2-Pentenyl cyclopentanone-3-acetic acid, methyl ester; Methyl (2-pent-2-enyl-3-oxo-1-cyclopentyl) acetate
09, 522	3428	10596	5405-41-4	Ethyl 3-hydroxybutyrate	Ethyl 3-hydroxybutyrate	Ethyl 3-hydroxybutanoate;Ethyl Beta-hydroxybutyrate
09, 523	3452	10563	6624-71-1	Dodecyl isobutyrate	Dodecyl isobutyrate	Dodecyl 2-mehyl-propanoate;Lauryl isobutyrate; Lauryl 2-methylpropionate; Dodecyl 2-methylpropanoate
09, 524	3456	10612	1617-23-8	Ethyl 2-metilpent-3-enoate	Ethyl 2-methylpent-3-enoate	
09, 525	3462	10739	65416-14-0	Malta isobutyrate	Maltyl isobutyrate	2-Methyl-4-pyron-3-yl 2-methylpropanoate; Maltyl 2-methylpropanoate; 2-Methyl-4H-pyran-4-one-3-yl 2-methylpropanoate
09, 526	3488	10616	39255-32-8	Ethyl 2-methylvalerate	Ethyl 2-methylvalerate	Ethyl 2-methylpentanoate

09, 527	3489	10613	53399-81-8	Ethyl 2-metilpent-4-enoate	Ethyl 2-methylpent-4-enoate	
09, 528	3494	10663	67801-45-0	trans-3-heptenyl isobutyrate	trans-3-Heptenyl isobutyrate	Hept-3 (trans) -enyl isobutyrate; Hept-3 (trans) -enyl 2-methylpropanoate
09, 529	3500	10692	10032-13-0	Hexyl isovalerate	Hexyl isovalerate	Hexyl isopentanoate; Hexyl isovalerianate; Hexyl 3-methylbutanoate
09, 530	3505	10721	27625-35-0	Isopentyl, 2-methylbutyrate	Isopentyl 2-methylbutyrate	Isoamyl 2-methylbutanoate;Isopentyl 2-methylbutanoate;Iso-Amyl 2-methylbutanoate;3-Methylbutyl 2-methylbutanoate
09, 531	3506	10772	2445-77-4	2-methylbutyl isovalerate	2-Methylbutyl isovalerate	2-Methylbutyl isopentanoate;2-Methylbutyl 3-methylbutanoate
09, 532	3508	10812	21188-58-9	Methyl 3-hydroxyhexanoate	Methyl 3-hydroxyhexanoate	Methyl 3-hydroxycaproate;Methyl beta-hydroxycaproate;Methyl beta-hydroxyhexanoate
09, 533	3543	10571	105-95-3	Ethyl brassilat	Ethyl brassylate	Ethylene glycol brassylate, cyclic diester; Ethylene brassylate; Ethylene undecane dicarboxylate; 1,4-Dioxacycloheptadecan-5,17-dione
09, 534	3544	11916	3289-28-9	Ethyl cyclo geksankarboksilat	Ethyl cyclo-hexanecarboxylate	
09, 535	3545	11764	2305-25-1	Ethyl 3-hydroxyhexanoate	Ethyl 3-hydroxyhexanoate	

09, 536	3568	11920	4630-82-4	Methyl cyclohexane geksankarboksilat	Methyl cyclo-hexanecarboxylate	
09, 537	3604	10866	29811-50-5	Octyl 2-methylbutyrate	Octyl 2-methylbutyrate	
09, 538	3632	10883	24817-51-4	Phenethyl 2-methylbutyrate	Phenethyl 2-methylbutyrate	2-Phenylethyl 2-methylbutanoate;Benzylcarbinyl 2-methylbutyrate; beta-Phenethyl alpha-methylbutanoate
09, 539	3676		94133-92-3	Oct-3-yl 2-metilkrotonoat	Oct-3-YL 2-methylcrotonate	Oct-3-yl tiglate; 1-Ethylhexyl 2-methyl-2-butenoate; 1 2-Ethylhexyl-methylcrotonate; 3-Octyl tiglate; 1-Ethylhexyl 2-methylbut-2 (trans) -enoate
09, 540	3678		60523-21-9	Ethyl 2-methylpenta-3,4 -dienoate	2- ethyl -3,4 methylpenta dienoate	
09, 541	3679		5870-68-8	Ethyl 3-methylvalerate	Ethyl 3-methylvalerate	
09, 542	3683		3249-68-1	Ethyl 3-oxohexanoate	Ethyl 3-oxohexanoate	Ethyl beta-ketohexanoate
09,	368	1064	26446-3	Glyceryl	Glyceryl	

543	5	8	1-1	hydroxydecanoate 5	5-hydroxydecanoate	
09,544	3686	10649	26446-32-2	Glyceryl 5-hydroksidodekanoat	Glyceryl 5-hydro-xydodecanoate	
09,545	3690	10681	61931-81-5	Hex-3-enyl lactate	Hex-3-enyl lactate	Hex-3-enyl 2-hydroxypropanoate
09,546	3693		58625-95-9	Hexyl 2-metilpent- (3 and 4) -enoat	Hexyl-2-methylpent- (3 and 4) -enoate	
09,547	3699		66576-71-4	Isopropyl 2-methylbutyrate	Isopropyl 2-methylbutyrate	
09,548	3706		40348-72-9	Methyl 2-hydroxy-4-methylvalerate	Methyl 2-hydroxy-4-methylvalerate	Methyl 2-hydroxyisocaproate
09,549	3707		2177-77-7	Methyl 2-methylvalerate	Methyl 2-methylvalerate	Methyl 2-methylvalerate
09,550	3713		3682-42-6	Methyl 2-oxo-3-methylvalerate	Methyl 2-oxo-3-methylvalerate	Methyl 2-keto-3-methylpentanoate; Methyl 2-keto-3-methylvalerate; Methyl 3-methyl-2-oxovalerate

09, 551	3748		59259-38-0	1-menthyl lactate	1-Menthyl lactate	5-Methyl-2- (1-methylethyl) cyclohexyl alpha-hydroxypropanoate; 1-p-Menthan-3-yl lactate
09, 552	3767	10650	91052-69-6	Glycerol monoester 3-oksodekanovoy acid	3-Oxodecanoic acid glyceride	Glyceryl beta-ketodecanoate;Glyceryl monoester of 3-oxodecanoic acid;
09, 553	3768	10651	91052-70-9	Glycerol monoester 3-oksododekanovoy acid	3-Oxododecanoic acid glyceride	Glyceryl beta-ketododecanoate; Glyceryl monoester of 3-oxododecanoic acid;
09, 554	3769	10652	91052-71-0	Glycerol monoester 3-oksogeskadekanovoy acid	3-Oxohexadecanoic acid glyceride	Glyceryl beta-ketohexadecanoate; Glyceryl monoester of 3-oxohexadecanoic acid;
09, 555	3770	10653	91052-72-1	Glycerol monoester 3-oksogeskanovoy acid	3-Oxohexanoic acid glyceride	Glyceryl beta-ketohexanoate;Glyceryl diester of 3-oxohexanoic acid;
09, 556	3771	10654	91052-68-5	Glycerol monoester 3-oksooktanovoy acid	3-Oxooctanoic acid glyceride	Glyceryl beta-ketooctanoate;Glyceryl monoester of 3-oxooctanoic acid;
09,	377	1065	91052-7	The glycerol	3-Oxotetradecan	Glyceryl beta-ketotetradecanoate; Glyceryl monoester of 3-oxotetradecanoic acid;

557	2	5	3-2	monoester of 3-oxo-tetradecanoic acid	oic acid glyceride	
09, 558		11754	108-59-8	Dimethyl malonate	Dimethyl malonate	Dimethyl azelate; Dimethyl propanedioate
09, 559	3931		67883-79-8	Hex-3 (cis) -enyl 2-metilkrotonoat	Hex-3 (cis) -enyl 2-methylcrotonate	cis-3-Hexenyl tiglate; cis-3-Hexenyl-2-methyl-trans-2-butenoate; (Z) -3-Hexenyl 2-methylcrotonate; Hex-3 (cis) -enyl 2-methylbut-2 (trans) -enoate
09, 561	3925	10676	65405-76-7	Hex-3 (cis) anthranilate -enyl	Hex-3 (cis) -enyl anthranilate	(Z) -Hexenyl 2-aminobenzoate; (Z) -Hex-3-enyl anthranilate; cis-3-Hexenyl anthranilate; Hex-3 (cis) -enyl 2-aminobenzoate
09, 562	3353		56922-80-6	trans-3-hexenyl format	trans-3-Hexenyl formate	
09, 563	3929	11783	41519-23-7	Hex-3 (cis) -enyl isobutyrate	Hex-3 (cis) -enyl isobutyrate	beta, gamma-Hexenyl isobutanoate; (Z) -Hex-3-enyl isobutyrate; cis-3-Hexenyl isobutyrate; Hex-3 (cis) -enyl 2-methylpropanoate
09, 564	3933	10683	33467-74-2	Hex-3 (cis) -enyl propionate	Hex-3 (cis) -enyl propionate	beta, gamma-Hexenyl propanoate; (E) -Hex-2-enyl propionate; trans-2-Hexenyl propionate
09, 565	3934	10684	68133-76-6	Hex-3-enyl, 2-oxopropionate	Hex-2-enyl 3-oxopropionate	Hex-3-enyl pyruvate
09,	398		65405-8	(Z) -3-hexenyl,	(Z) -3-Hexenyl	2-Butenoic acid, 3-hexenyl ester; (E, Z) -Crotonate de (Z) -3-hexenyle; (Z) -3-Hexenyl

566	2		0-3	(E) -2-butenoate	(E) -2-butenoate	crotonate; (Z) -3-Hexenylcrotonat; (E, Z) -2-Butenoic acid 3-hexenyl ester;cis-3-Hexenyl trans-2-butenoate
09, 568	3928		53398-87-1	Hex-3-enyl, hex-2-enoate	Hex-3-enyl hex-2-enoate	
09, 570		10685	65405-77-8	Hex-3-enyl salicylate	Hex-3-enyl salicylate	Hex-3-enyl 2-hydroxybenzoate
09, 571	3936	10686	35852-46-1	Hex-3-enyl valerate	Hex-3-enyl valerate	Hex-3-enyl pentanoate; cis-3-Hexenyl pentanoate; cis-3-Hexenyl valerate; (Z) -Hex-3-enyl valerate
09, 573	4132	10675	1516-17-2	Geksa-2,4-dienyl acetate	Hexa-2,4-dienyl acetate	
09, 576		10840		sec-hexyl acetate	sec-Hexyl acetate	1-Methylpentyl acetate
09, 578	3354	10688	1617-25-0	Hexyl krotonoat	Hexyl crotonate	Hexyl but-2 (trans) -enoate
09, 581		10695	6259-76-3	Hexyl salicylate	Hexyl salicylate	n-Hexyl o-hydroxybenzoate;Hexyl 2-hydroxybenzoate
09, 583		10696	1117-59-5	Hexyl valerate	Hexyl valerate	Hexyl pentanoate
09, 584	4146		85586-67-0	Isobornyl isobutyrate	Isobornyl isobutyrate	Propanoic acid, 2-methyl-, (1R, 2R, 4R) -1,7,7-trimethylbicyclo [2.2.1] HEPT-2-yl
09, 585		10710	2445-67-2	Isobutyl 2-methylbutyrat	Isobutyl 2-methylbutyrat	2-Methylpropyl 2-methylbutanoate

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09, 587		10707	30673-38-2	Isobutyl decanoate	Isobutyl decanoate	2-Methylpropyl decanoate
09, 588		10708	37811-72-6	Isobutyl dodecanoate	Isobutyl dodecanoate	2-Methylpropyl dodecanoate
09, 589		10715	110-34-9	Isobutyl geksadekanoat	Isobutyl hexadecanoate	Isobutyl palmitate; 2-Methylpropyl hexadecanoate
09, 590		10709	585-24-0	Isobutyl lactate	Isobutyl lactate	2-Methylpropyl 2-hydroxypropanoate
09, 593		10714	5461-06-3	Isobutyl octanoate	Isobutyl octanoate	2-Methylpropyl octanoate
09, 594		10712	25263-97-2	Isobutyl tetradekanoat	Isobutyl tetradecanoate	Isobutyl myristate; 2-Methylpropyl tetradecanoate
09, 599		10719	109-25-1	Isopentyl heptanoate	Isopentyl heptanoate	3-Methylbutyl heptanoate
09, 600		10723	81974-61-0	Isopentyl geksadekanoat	Isopentyl hexadecanoate	Isoamyl palmitate; 3-Methylbutyl hexadecanoate
09, 601		10720	19329-89-6	Isopentyl lactate	Isopentyl lactate	3-Methylbutyl 2-hydroxypropanoate
09, 602		10722	62488-24-8	Isopentyl tetradekanoat	Isopentyl tetradecanoate	Isoamyl myristate; 3-Methylbutyl tetradecanoate
09, 603		10729	6284-46-4	Isopropyl krotonoat	Isopropyl crotonate	Isopropyl but-2 (trans) -enoate

09, 604		10730	2311-59-3	Isopropyl decanoate	Isopropyl decanoate	Isopropyl caprate
09, 606		10732	142-91-6	Isopropyl geksadekanoat	Isopropyl hexadecanoate	Isopropyl palmitate
09, 608		10731	5458-59-3	Isopropyl octanoate	Isopropyl octanoate	Isopropyl caprylate
09, 614		10738	10471-96-2	Linalyl valerate	Linalyl valerate	Linalyl pentanoate; 1,5-Dimethyl-1-vinylhex-4-enyl pentanoate
09, 615	3566	10748	28839-13-6	p-mentha-1-en-9-yl acetate	p-Menth-1-en-9-yl acetate	
09, 616	3810		77341-67-4	mono-Cop-3-yl succinate	mono-Menth-3-yl succinate	Butanedioic acid, mono [5-methyl 2- (1-methyl-ethyl) cyclohexyl] ester, [1R- (1alpha, 2beta, 5alpha)]; 3- (5-methyl-2-isopropylcyclohexoxycarbonyl) propan oic acid
09, 618		10751	2230-90-2	Cops format	Menthyl formate	p-Menthane-3-yl formate
09, 626		10848	600-22-6	Methyl 2-oxopropionate	Methyl 2-oxopropionate	Methyl pyruvate
09, 629		10755	21188-60-3	Methyl 3-atsetoksigeksanoat	Methyl 3-acetoxyhexanoate	
09, 632		10756	35234-22-1	5-Methyl atsetoksigeksanoat1	Methyl 5-acetoxyhexanoate	
09,		1075		Methyl acrylate	Methyl acrylate	Methyl prop-2-enoate

635		9				
09, 637		11799	2482-39-5	Methyl dec-2-enoate	Methyl dec-2-enoate	
09, 638		10784	7367-83-1	Methyl dec-4-enoate	Methyl dec-4-enoate	
09, 639	3859		4493-42-9	Methyl-2,4-deck dienoate	Methyl deca-2,4 dienoate	
09, 640		10782	03/03/1191	Methyl-4,8-deck dienoate	Methyl deca-4,8-dienoate	
09, 641		10792	6208-91-9	Methyl 2-dodec-enoate	Methyl-2-dodec enoate	
09, 642		10795	107-31-3	Methyl formate	Methyl formate	
09, 643		10797	09/09/1189	Methyl geranat	Methyl geranate	Methyl 3,7-dimethyl-2 (trans), 6-octadienoate
09, 645	3411	713	112-63-0	Methyl linoleate	Methyl linoleate	Methyl octadeca-9 (cis), 12 (cis) -dienoate
09, 646	3411	714	301-00-8	Methyl linolenate	Methyl linolenate	Methyl octadeca-9 (cis), 12 (cis), 15 (cis) -trienoate;
09,	416		10072-0	Methyl N, N-	Methyl N, N-	Benzoic acid, 2- (dimethylamino) -, methyl ester Anthranilic acid, N, N-dimethyl-,

648	9		5-6	dimetilantranilat	dimethylanthranilate	methyl ester Methyl 2- (dimethylamino) benzoate Methyl o- (dimethylamino) benzoate
09, 649	4170		08/06/2719	Methyl N-atsetilantranilat	Methyl N-acetylanthranilate	Benzoic acid, 2- (acetylamino) -, methyl ester; Anthranilic acid, N-acetyl-, methyl ester;Methyl 2- (acetylamino) benzoate; Methyl 2-acetamidobenzoate; Methyl N-acetoanthranilate; o- (Methoxycarbonyl) acetanilide; o-Acetamidobenzoic acid methyl ester
09, 650	4171		41270-80-8	Methyl N-formilantranilat	Methyl N-formylanthranilate	Benzoic acid, 2- (formylamino) -, methyl ester; Methyl o-formamidobenzoate; N-Formylanthranilic acid, methyl ester
09, 651		10849	112-61-8	Methyl octadecanoate	Methyl octadecanoate	Methyl stearate
09, 652		10836	112-62-9	Methyl oleate	Methyl oleate	Methyl 9-octadecenoate;Methyl octadec-9-enoate
09, 657	4012	10761	626-38-0	1-methylbutyl acetate	1-Methylbutyl acetate	Pent-2-yl acetate
09, 658	3893	10763	60415-61-4	1-methylbutyl butyrate	1-Methylbutyl butyrate	Pent-2-yl butyrate
09, 660		10765	55195-23-8	2-methylbutyl decanoate	2-Methylbutyl decanoate	
09, 662		10768	2601-13-0	2-methyl hexanoate	2-Methylbutyl hexanoate	
09, 663		10770	2445-69-4	2-methyl isobutyrate	2-Methylbutyl isobutyrate	2-Methylpropionic acid, 2-methylbutyl ester; 2-Methylbutyl 2-methylpropanoate

09, 664		10776	67121-39-5	2-methyl octanoate	2-Methylbutyl octanoate	
09, 665		10778	2438-20-2	2-methyl propionate	2-Methylbutyl propionate	
09, 666		10774	93805-23-3	2-methylbutyl tetradekanoat	2-Methylbutyl tetradecanoate	Methylbutyl myristate
09, 669		10857	1118-39-4	Mirtsenil acetate	Myrcenyl acetate	7-Methyl-3-methyleneoct-1-en-7-yl acetate
09, 671		10862	56001-43-5	Nerolidil acetate	Nerolidyl acetate	1,5,9-Trimethyl-1-vinyl-4 (cis), 8-decadienyl acetate
09, 676		10799	2051-50-5	sec-Octyl Acetate	sec-Octyl acetate	1-Methylheptyl acetate
09, 677		10865	4887-30-3	Octyl hexanoate	Octyl hexanoate	
09, 678	4191		74298-89-8	(Z) -pent-2-enyl hexanoate	(Z) -Pent-2-enyl hexanoate	2-Penten-1-yl hexanoate
09, 679		10875	68039-26-9	Pentyl 2-methylbutyrate	Pentyl 2-methylbutyrate	Amyl 2-methylbutyrate;
09, 684		10880	64181-20-0	Phenethyl krotonoat	Phenethyl crotonate	Phenylethyl but-2 (trans) -enoate
09, 685		10881	61810-55-7	2-phenethyl decanoate	2-Phenethyl decanoate	Phenethyl caprate;

09, 688	3958	10878	122-79-2	Phenyl acetate	Phenyl acetate	(Acetyloxy) benzene; Phenol acetatel; Acetoxybenzene;
09, 689	3960	11814	118-55-8	Phenyl salicylate	Phenyl salicylate	Salol; Phenyl 2-hydroxybenzoate; Phenyl-o-hydroxybenzoate
09, 691	4197	10236-16-5		(E, Z) -Fitilatsetat	(E, Z) -Phytyl acetate	
09, 692	4202	11796	1191-16-8	Prenyl acetate	Prenyl acetate	3-Methylbut-2-enyl acetate
09, 693	4203		08.11.5205	DEBATE benzoate	Prenyl benzoate	2-Buten-1-ol, 3-methyl-, benzoate; 3-Methyl-2-butenyl benzoate; Benzoic acid, 3-methyl-2-butenyl ester
09, 694	4205		68480-28-4	DEBATE formate	Prenyl formate	2-Buten-1-ol, 3-methyl-, formate; Methanoic acid, 3-methyl-2-butenyl ester
09, 695	4206		76649-23-5	DEBATE isobutyrate	Prenyl isobutyrate	Propanoic acid, 2-methyl-, 3-methyl-2-butenyl ester;Isobutyric acid, 3-methyl-2-butenyl ester
09, 698		10891	37064-20-3	Propyl 2-methylbutyrate	Propyl 2-methylbutyrate	
09, 701	2038	228	7493-74-5	Allyl phenoxyacetate	Allyl phenoxyacetate	Acetate PA; 2-Propenyl phenoxyacetate
09, 702	2955	229	4606-15-9	Propyl phenylacetate	Propyl phenylacetate	Propyl alpha-toluate; Propyl alpha-Toluate
09, 703	2812	230	122-45-2	Octyl phenylacetate	Octyl phenylacetate	Octyl alpha-toluate

09, 704	2516	231	102-22-7	Geranyl phenylacetate	Geranyl phenylacetate	Geranyl alpha-toluate; Trans-3,7-Dimethyl-2,6-octadien-1-yl-phenylacetate; 3,7-Dimethylocta-2 (trans), 6-dienyl phenyl acetate
09, 705	2149	232	102-16-9	Benzyl phenylacetate	Benzyl phenylacetate	Benzyl alpha-toluate;Phenylacetic acid, benzyl ester; Benzyl-2-phenyl ethanoate
09, 706	3740	233	102-17-0	Anise phenylacetate	Anisyl phenylacetate	4-Methoxybenzyl phenylacetate; Anisyl alpha-toluate; p-Methoxybenzyl phenylacetate; Phenylacetic acid, p-methoxybenzyl ester
09, 707	2866	234	102-20-5	Phenethyl phenylacetate	Phenethyl phenylacetate	Phenylethyl phenylacetate;Phenethyl alpha-toluate; 2-Phenylethyl alpha-toluate; 2-Phenylethyl phenylacetate
09, 708	2300	235	7492-65-1	Cinnamyl phenyl acetate	Cinnamyl phenylacetate	3-Phenyl-2-propen-1-yl phenylacetate; Cinnamyl alpha-toluate; 3-Phenylallyl phenylacetate; 3-Phenylprop-2-enyl phenyl acetate
09, 709	3077	236	101-94-0	p-tolyl phenylacetate	p-Tolyl phenylacetate	p-Cresyl alpha-toluate; p-Cresyl phenylacetate; p-Tolyl alpha-Toluate; 4-Methylphenyl phenylacetate
09, 710	2477	237	120-24-1	Izoevgenil phenylacetate	Isoeugenyl phenylacetate	2-methoxy-4-phenyl phenylacetate; 4-Propenylguaiacyl phenylacetate; Isoeugenyl alpha-Toluate; 2-Methoxy-4- (prop-1-enyl) phenyl phenylacetate
09, 711	2535	238	4112-89-4	Gvayyatsil phenylacetate	Guaiacyl phenylacetate	o-Methylcatechol acetate;Guaiacol phenylacetate; o-Methoxyphenyl phenylacetate;2-Methoxyphenyl phenylacetate
09, 712	3008	239	1323-75-7	Santalov phenylacetate	Santalyl phenylacetate	alpha-Santalyl phenylacetate;beta-Santalyl phenylacetate;Santalyl alpha-toluate
09, 713	2679	248	121-98-2	Methyl 4-methoxybenzoate	Methyl 4-methoxybenzoate	Methyl p-methoxybenzoate;Methyl p-anisate; Methyl anisate
09,	242	249	94-30-4	Ethyl	Ethyl	Ethyl p-methoxybenzoate;Ethyl p-anisate; Ethyl anisate

714	0			4-methoxybenzoate	4-methoxybenzoate	
09,715	2682	250	134-20-3	Methyl anthranilate	Methyl anthranilate	Methyl o-Aminobenzoate; o-Amino methyl benzoate;Methyl 2-aminobenzoate
09,716	2421	251	87-25-2	Ethyl anthranilate	Ethyl anthranilate	Ethyl o-Aminobenzoate; Ethyl 2-aminobenzoate
09,717	2181	252	7756-96-9	Butyl anthranilate	Butyl anthranilate	Butyl 2-Aminobenzoate; Butyl o-Aminobenzoate; Butyl 2-aminobenzoate
09,718	2182	253	7779-77-3	Isobutyl anthranilate	Isobutyl anthranilate	Isobutyl 2-aminobenzoate;Isobutyl o-Aminobenzoate; 2-Methylpropyl 2-aminobenzoate
09,719	2020	254	7493-63-2	Allyl anthranilate	Allyl anthranilate	Allyl o-aminobenzoate; 2-Propenyl 2-aminobenzoate; 2-Propenyl anthranilate; Allyl 2-aminobenzoate
09,721	2637	256	7149-26-0	Linalyl anthranilate	Linalyl anthranilate	Linalyl o-aminobenzoate; 3,7-Dimethyl-1,6-octadien-3-yl-2-aminobenzoate; Linalyl 2-aminobenzoate; 1,5-Dimethyl-1-vinylhex-2-enyl 4-aminobenzoate
09,722	2350	257	7779-16-0	Cyclohexyl anthranilate	Cyclohexyl anthranilate	Cyclohexyl 2-aminobenzoate
09,723	2859	258	133-18-6	Phenethyl anthranilate	Phenethyl anthranilate	2-Phenylethyl anthranilate;Beta-Phenylethyl o-Aminobenzoate; 2-Phenylethyl 2-aminobenzoate
09,724	3048	259	14481-52-8	alpha-terpinene anthranilate	alpha-Terpinyl anthranilate	p-Menth-1-en-8-yl anthranilate; p-Mentha-1-en-8-yl 2-aminobenzoate;Terpinyl o-Aminobenzoate; p-Menth-1-en-8-yl 2-aminobenzoate
09,725	2683	260	93-58-3	Methyl benzoate	Methyl benzoate	Methyl benzenecarboxylate;
09,	242	261	93-89-0	Ethyl benzoate	Ethyl benzoate	Ethyl benzenecarboxylate;Ethyl benzene carboxylate;

726	2					
09, 727	2138	262	120-51-4	Benzyl benzoate	Benzyl benzoate	Benzoic acid benzyl ester;Benzyl benzenecarboxylate;Benzyl phenylformate;
09, 728	2453	307	10031-93-3	Ethyl 4-phenylbutyrate	Ethyl 4-phenylbutyrate	Butanoic acid, 4-methyl, ethyl ester; Ethyl 4-phenyl-butanoate;
09, 729	2739	308	2046-17-5	Methyl 4-phenylbutyrate	Methyl 4-phenylbutyrate	Methyl gamma-phenylbutyrate;
09, 730	2430	323	103-36-6	Ethyl cinnamate	Ethyl cinnamate	Ethyl beta-phenylacrylate;Ethyl trans-cinnamate; Ethyl 3-phenylpropenoate; Ethyl phenylacrylate; Ethyl 3-phenylprop-2-enoate
09, 731	2938	324	7778-83-8	Propyl cinnamate	Propyl cinnamate	n-propyl 3-phenylpropenoate;n-Propyl beta-phenylacrylate;Propyl 3-phenylprop-2-enoate
09, 732	2939	325	7780-06-5	Isopropyl cinnamate	Isopropyl cinnamate	Propyl iso cinnamate;Isopropyl 3-phenylpropenoate;1-Methylethyl 3-phenylpropenoate; Isopropyl 3-phenylprop-2-enoate
09, 733	2192	326	538-65-8	Butyl cinnamate	Butyl cinnamate	Butyl 3-phenylpropenoate;Butyl beta-Phenylacrylate; n-Butyl phenylacrylate;Cinnamic acid, butyl ester;Butyl 3-phenylprop-2-enoate
09, 734	2193	327	122-67-8	Isobutyl cinnamate	Isobutyl cinnamate	2-Methylpropyl beta-phenylacrylate; 2-Methylpropyl 3-phenylpropenoate; Isobutyl beta-phenylacrylate; 2-Methylpropyl 3-phenylprop-2-enoate
09, 735		328	3487-99-8	Pentyl cinnamate	Pentyl cinnamate	Amyl cinnamate; Cinnamic acid amyl ester; Pentyl-3-phenyl prop-2-enoate; Pentyl 3-phenylprop-2-enoate
09, 736	2641	329	78-37-5	Linalyl cinnamate	Linalyl cinnamate	3,7-Dimethyl-1,6-octadien-3-yl cinnamate; Linalyl 3-phenylpropenoate; 3,7-Dimethyl-1,6-octadien-3-yl

						beta-phenylacrylate; 1,5-Dimethyl-1-vinylhex-4-enyl 3-phenylprop-2-enoate
09, 737	3051	330	10024-56-3	Turpin cinnamate	Terpinyl cinnamate	Terpinyl 3-phenylpropenoate;Terpinyl beta-Phenylacrylate;p-Menth-1-en-8-yl cinnamate
09, 738	2142	331	103-41-3	Benzyl cinnamate	Benzyl cinnamate	Cinnamein; Benzyl beta-phenylacrylate; 2-Propenoic acid, 3-phenyl, phenylmethyl ester; Benzyl 3-phenylprop-2-enoate
09, 739	2298	332	122-69-0	Cinnamyl cinnamate	Cinnamyl cinnamate	Styracin; Phenylallyl cinnamate; 3-Phenyl-2-propen-1-yl 3-phenylpropenoate; 3 -Phenylprop-2-enyl 3-Phenylprop-2-enoate
09, 740	2698	333	103-26-4	Methyl cinnamate	Methyl cinnamate	Methyl 3-phenylpropenoate;Methyl-3-phenyl prop-2-enoate; Methyl 3-phenylprop-2-enoate
09, 741	2022	334	1866-31-5	Allyl cinnamate	Allyl cinnamate	Allyl-beta-phenylacrylate;Propenyl cinnamate; Allyl-3-phenyl propenoate; Allyl -phenylacrylate; Allyl 3-phenylprop-2-enoate
09, 742	2063	335	7779-65-9	Isopentyl cinnamate	Isopentyl cinnamate	Penty iso cinnamate; Isoamyl cinnamate; Isopentyl 3-phenylpropenoate; Isopentyl -phenylacrylate; 3-Methylbutyl 3-phenylprop-2-enoate
09, 743	2863	336	103-53-7	Phenethyl cinnamate	Phenethyl cinnamate	Benzyl carbinyl cinnamate;Benzylcarbinyl cinnamate; 2-Phenylethyl 3-phenylpropenoate; -Phenethyl -phenylacrylate;Phenethyl 3-phenylprop-2-enoate
09, 744	2352	337	7779-17-1	Cyclohexyl cinnamate	Cyclohexyl cinnamate	Cyclohexyl 3-phenylpropenoate; Cyclohexyl -phenylacrylate; Cyclohexyl-3-phenyl prop-2-enoate;Cyclohexyl 3-phenylprop-2-enoate
09, 745	2894	338	122-68-9	3-phenylpropyl cinnamate	3-Phenylpropyl cinnamate	Hydrocinnamyl cinnamate;Phenylpropyl cinnamate;Hydrocinnamyl 3-phenylpropenoate; 3-Phenylpropyl beta-phenylacrylate; 3-Phenylpropyl 3 -phenylprop-2-enoate
09, 746	2741	427	103-25-3	Methyl 3-phenylpropionate	Methyl 3-phenylpropionate	Methyl hydrocinnamate;Methyl Dihydrocinnamate;

09, 747	2455	429	2021-28-5	Ethyl 3-phenylpropionate	Ethyl 3-phenylpropionate	Ethyl hydrocinnamate; Ethyl dihydrocinnamate;
09, 748	2458	432	118-61-6	Ethyl salicylate	Ethyl salicylate	Salicylic ether; Salicylic acid, ethyl ester; Ethyl 2-hydroxybenzoate
09, 749	2745	433	119-36-8	Methyl salicylate	Methyl salicylate	Methyl 2-hydroxybenzoate
09, 750	2213	434	87-19-4	Isobutyl salicylate	Isobutyl salicylate	2-Methyl-1-propyl salicylate;2-Methylpropyl o-hydroxybenzoate; Butyl salicylate; Isobutyl o-Hydroxybenzoate; 2-Methylpropyl 2-hydroxybenzoate
09, 751	2084	435	87-20-7	Isopentyl salicylate	Isopentyl salicylate	Isopentyl o-hydroxybenzoate;Salicylic acid, isopentyl ester;Isoamyl o-hydroxybenzoate;3-Methylbutyl salicylate; 3-Methylbutyl 2-hydroxybenzoate
09, 752	2151	436	118-58-1	Benzyl salicylate	Benzyl salicylate	Benzoic acid, 2-hydroxy, phenylmethyl ester; Benzyl o-hydroxybenzoate; Salicylic acid, benzyl ester; Benzyl 2-hydroxybenzoate
09, 753	2868	437	87-22-9	Phenethyl salicylate	Phenethyl salicylate	2-Phenylethyl salicylate;Benzylcarbinyl 2-hydroxybenzoate;Benzylcarbinyl salicylate; 2-Phenylethyl 2-hydroxybenzoate
09, 754	2203	525	94-26-8	Butyl 4-hydroxybenzoate	Butyl 4-hydroxybenzoate	Butyl p-hydroxy benzoate;Butyl parasept; p-Hydroxybenzoic acid butyl ester
09, 755	2058	562	94-46-2	Isopentyl benzoate	Isopentyl benzoate	Isoamyl benzoate; Pentyl iso benzoate; Amyl iso benzoate;Isopentyl phenyl methanoate;3-Methylbutyl benzoate
09, 756		566	94022-06-7	Isobornyl phenylacetate	Isobornyl phenylacetate	exo-2-Bomyl phenylacetate;1,7,7-Trimethylbicyclo [2.2.1] hept-2-yl phenylacetate
09,	218	567	120-50-	Isobutyl	Isobutyl	Isobutyl phenyl methanoate;2-Methylpropyl benzoate

757	5		3	benzoate	benzoate	
09, 758	2690	577	3549-23-3	Methyl p-tert butilfenilatsetat	Methyl P-tert-butylphenylacetate	Methyl 4- (1,1-dimethylethyl) phenylacetate
09, 761		612	5137-52-0	Pentyl phenylacetate	Pentyl phenylacetate	Amyl phenylacetate
09, 762		613	2050-08-0	Pentyl salicylate	Pentyl salicylate	Isoamyl o-hydroxybenzoate;Isoamyl salicylate; Pentyl 2-hydroxybenzoate
09, 763	3650	614	2052-14-4	Butyl salicylate	Butyl salicylate	Butyl (2-hydroxy-phenyl) -methanoate; Butyl 2-hydroxybenzoate
09, 764	4115	629	38446-21-8	N-ethyl etilantranilat	Ethyl N-ethylanthranilate	Ethyl N-ethyl-2-aminobenzoate
09, 765	4116	632	35472-56-1	Ethyl N-methyl anthranilate	Ethyl N-methylanthranilate	Ethyl N-methyl-2-aminobenzoate
09, 766	2471	636	531-26-0	Eugenio benzoate	Eugenyl benzoate	Benzoyl eugenol; Eugenol benzoate; 4-Allyl-2-methoxyphenyl benzoate
09, 767	2511	639	94-48-4	Geranyl benzoate	Geranyl benzoate	Geraniol benzoate; trans-3,7-Dimethyl-2,6-octadien-1-yl-benzoate; 3,7-Dimethylocta-2 (trans), 6-dienyl benzoate
09, 768	3691	645	6789-88-4	Hexyl benzoate	Hexyl benzoate	n-Hexyl benzoate; Hexyl phenyl methanoate;
09,	414	649	65505-2	Isobutyl N-	Isobutyl N-	2-Methylpropyl N-methyl-2-aminobenzoate

769	9		4-0	methyl anthranilate	methylanthranilate	
09, 770	2932	652	939-48-0	Isopropyl benzoate	Isopropyl benzoate	Propyl iso benzoate; 1-Methylethyl benzoate;
09, 771	2638	654	126-64-7	Linalyl benzoate	Linalyl benzoate	Linalool benzoate; 3,7-Dirnethyl-1,6-octadien-3-yl benzoate; 1,5-Dimethyl-1-vinylhex-4-enyl benzoate
09, 772	3501	655	7143-69-3	Linalyl phenylacetate	Linalyl phenylacetate	Linalyl alpha-toluate; 3,7-Dimethyl-1,6-octadien-3-yl phenylacetate; Linalyl alpha-Toluate; 1,5-Dimethyl-1-vinylhex-4-enyl phenylacetate
09, 774	2860	667	94-47-3	Phenethyl benzoate	Phenethyl benzoate	2-Phenylerhyl benzoate;Benzylcarbinyl benzoate;
09, 776	2931	677	2315-68-6	Propyl benzoate	Propyl benzoate	Propyl phenyl methanoate;
09, 779		740	136-60-7	Butyl benzoate	Butyl benzoate	n-Butyl benzoate;
09, 780		743	5320-75-2	Cinnamyl benzoate	Cinnamyl benzoate	3-Phenylallyl benzoate; 3-Phenylprop-2-enyl benzoate
09, 781	2718	756	85-91-6	N- Methyl methylanthranilate	Methyl N-methylanthranilate	Dimethyl anthranilate; 2-Methylamino methyl benzoate;Methyl 2-Methylamonobenzoate;Methyl o-Methylaminobenzoate; Methyl N-methyl-2-aminobenzoate
09, 782	2551	2104	10032-08-3	Heptyl cinnamate	Heptyl cinnamate	Heptyl- -phenylacrylate;Heptyl-3-phenyl propenoate;Heptyl 3-phenylprop-2-enoate
09, 783	2733	2155	101-41-7	Methyl phenylacetate	Methyl phenylacetate	Methyl alpha-toluate; Methyl Alpha-Toluate;

09, 784	245 2	2156	101-97-3	Ethyl phenylacetate	Ethyl phenylacetate	Ethyl alpha-toluate; Alpha-Toluic acid, ethyl ester; Ethyl Alpha-Toluate;
09, 785	231 5	2157	139-70-8	Citronella phenylacetate	Citronellyl phenylacetate	3,7-Dimethyl-6-octen-1-yl phenylacetate; Citronellyl alpha-Toluate; 3,7-Dimethyloct-6-enyl phenylacetate
09, 786	295 6	2158	4861-85-2	Isopropyl phenylacetate	Isopropyl phenylacetate	Isopropyl Alpha-Toluate;
09, 787	220 9	2159	122-43-0	Butyl phenylacetate	Butyl phenylacetate	Butyl Alpha-Toluate;
09, 788	221 0	2160	102-13-6	Isobutyl phenylacetate	Isobutyl phenylacetate	Isobutyl alpha-toluate; 2-Methylpropyl phenylacetate
09, 789	208 1	2161	102-19-2	H-methyl phenylacetate	3-Methylbutyl phenylacetate	Isoamyl phenylacetate;Isopentyl phenylacetete;Isoamyl Alpha-Toluate;
09, 790	203 9	2162	1797-74-6	Allyl phenylacetate	Allyl phenylacetate	Allyl alpha-toluate; 2-Propenyl phenylacetate;
09, 791	298 5	2163	10486-14-3	Rodin phenylacetate	Rhodinyl phenylacetate	alpha-Citronellyl phenylacetate; 3,7-Dimethyl-7-octen-1-yl phenylacetate;Rhodinyl alpha-toluate; 3,7-Dimethyloct-7-enyl 2-phenylacetate
09, 796	271 7	2192	606-45-1	Methyl 2-methoxybenzoate	Methyl 2-methoxybenzoate	o-Methoxybenzoic acid methyl ester; Dimethyl salicylate;Methyl o-anisate; Methyl salicylate o-methyl ether;
09, 797	315 7	2243	67028-40-4	Ethyl (p-tolyloxy) acetate	Ethyl (P-tolyloxy) acetate	Ethyl cresoxyacetate; Vinigar naphtha; Ethyl (4-methylphenoxy) acetate
09,		2302	617-05-	Ethyl vanillat	Ethyl vanillate	Ethyl 4-hydroxy-3-methoxybenzoate

798			0			
09, 799		2305	3943-74 -6	Methyl vanillat	Methyl vanillate	Methyl 4-hydroxy-3-methoxybenzoate
09, 801	276 7	1186 2	63449-6 8-3	2-Naphthyl anthranilate	2-Naphthyl anthranilate	2-Naphthyl o-Aminobenzoate;Napth-2-yl 2-aminobenzoate
09, 802	334 1	1058 7	2983-36 -0	Ethyl 2-ethyl-3- phenylpropionat e	Ethyl 2-ethyl-3- phenylpropionat e	Ethyl alpha-ethyldihydrocinnamate; Ethyl benzylbutyrate; Ethyl 2-ethyldihydrocinnamate;
09, 803	341 9	1089 0	19224-2 6-1	Propylene glycol dibenzoate	Propylene glycol dibenzoate	1,2-Propanediol dibenzoate;Propan-1,2-diyl dibenzoate
09, 804	345 7	1069 4	5421-17 -0	Hexyl phenylacetate	Hexyl phenylacetate	Hexyl Alpha-Toluate;Phenylacetic acid, hexyl ester;
09, 805	363 3	1068 2	42436-0 7-7	Hex-3 (cis) -enyl phenylacetate	Hex-3 (cis) -enyl phenylacetate	beta, gamma-Hexenyl alpha-toluate; 3-Hexenyl alpha-toluate; beta, gamma-Hexenyl alpha-toluate; cis-Hexenyl phenylacetate;
09, 806	368 8	1177 8	25152-8 5-6	Hex-3-enyl benzoate	Hex-3-enyl benzoate	3-Hexen-l-ol, benzoate;
09, 807	373 4		617-01- 6	o-tolyl salicylate	o-Tolyl salicylate	2-Methylphenyl 2-hydroxybenzoate; o-Cresyl salicylate; 2-Hydroxy-2-methylphenylbenzoate
09, 808		1065 9	134-28- 1	Gwaii acetate	Guaiyl acetate	Guaiol acetate; Guaiacwood acetate; Guaiac acetate; 6,10-Dimethyl-3- (1-methyl ethyl acetate) -bicyclo [5.3.0] dec-1 (7) -ene

09, 809	3848	10743	15111-97-4	p-Mentha-1,8 (10) - dien-9-yl acetate	p-Mentha-1,8 (10) - Dien-9-yl acetate	Limonen-9-yl acetate;
09, 811	3754		20665-85-4	Vanillin isobutyrate	Vanillin isobutyrate	4-Isobutyryl-m-anisaldehyde;3-Methoxy-4-isobutyrylbenzaldehyde; 4-formyl-2-methoxy-phenyl 2-methylpropionate; 4-Formyl-2-methoxyphenyl 2-methylpropanoate
09, 812	3398	10656	614-33-5	Glyceryl tribenzoate	Glyceryl tribenzoate	Propanetri-1,2,3-yl tribenzoate
09, 814		10893	2239-78-3	Propyl geksadekanoat	Propyl hexadecanoate	Propyl palmitate;
09, 816		10892	624-13-5	Propyl octanoate	Propyl octanoate	Propyl caprylate;
09, 818	4213		29548-30-9	3,7,11-Trimetildodeka-2,6,10-triene acetate	(E, Z) -3,7,11-Trimethyldodeca-2,6,10-trienyl acetate	Farnesol acetate
09, 820		10906	1731-81-3	Undecyl acetate	Undecyl acetate	
09, 821	4218	11887	117-98-6	Vetiver acetate	Vetiveryl acetate	Vetiver acetate; Vetivert acetate; 2,6-Dimethyl-9- (1-methylethylidene) -bicyclo [5.3.0] dec-2-en-4-yl acetate
09, 825		2307	2049-96-9	Pentyl benzoate	Pentyl benzoate	Amyl benzoate; Isoamyl benzoate; 3-Methyl-1-butyl benzoate;

09, 829	2348	218	5452-75-5	Ethyl acetate, cyclohexyl	Ethyl cyclohexyl acetate	
09, 830	3047	205	8007-35-0	Terpineol acetate	Terpineol acetate	
09, 832		10566	21188-61-4	Ethyl 3-atsetogeksanoat	Ethyl 3-acetohexanoate	
09, 840	3648	10889	84788-08-9	Propyl-2,4-dekadienoat	Propyl-2,4 decadienoate	
09, 842	3805		156679-39-9	Menthol ethylene glycol carbonate	Menthol ethylene glycol carbonate	
09, 843	3806		30304-82-6	Menthol 1- (or 2-), propylene carbonate	Menthol 1-and 2-propylene glycol carbonate	
09, 846	3353	2153	09/05/2315	3-hexenyl format	3-Hexenyl formate	
09, 850	3675	631	27829-72-7	Ethyl trans-2-geksenoat	TRANS-ethyl 2-hexenoate	
09,	349	2345	53398-8	cis-3-hexenyl	cis-3-Hexenyl	

854	7		5-9	2-methylbutanoate	2-methylbutanoate	
09,857	2783		63270-14-4	Nonanediol diacetate	Nonanediol diacetate	Nonane-1,3-diyl diacetate
09,858	3330	2184	67674-41-3	Phenylmethyl 2-methyl-2-butenoate	Phenylmethyl 2-methyl-2-butenoate	Benzyl tyglate
09,866	4074		6321-45-5	Allyl valerate	Allyl valerate	Pentanoic acid, 2-propenyl ester; Valeric acid, allyl ester
09,878	4118		61114-24-7	Eugenio isovalerate	Eugenyl isovalerate	4-Allyl-2-methoxyphenyl isovalerate; Butanoic acid, 3-methyl-, 2-methoxy-4-(2-propenyl) phenyl ester
09,888	4147		94200-10-9	Isobornyl 2-methyl butyrate	Isobomyl 2-methylbutyrate	Butanoic acid, 2-methyl-, 1,7,7-trimethylbicyclo- [2.2.1] hept-2-yl ester
09,916		10603	7367-90-0	Ethyl 3-hydroxyoctanoate	Ethyl 3-hydroxyoctanoate	
09,917	4011		1576-85-8	4-pentenyl acetate	4-Pentenyl acetate	
09,918	3967		67452-27-1	cis-4-decenyl acetate	sis-4-Decenyl acetate	
09,920	3992		156324-82-2	2-Isopropyl-5-metiltsiklogek	2-Isopropyl-5-methylcyclohex	DL-Menthol (+ ¥ -) - propylene glicol carbonat

				forces oksikarboniloksi-2-hydroxypropane	yl oxycarbonyloxy-2-hydroxypropane	
09,921	3976		54653-25-7	Ethyl 5-geksenoat	Ethyl 5-hexenoate	
09,922	3975		39924-27-1	Ethyl cis-4-geptenoat	CIS-ethyl 4-heptenoate	
09,923	3981		39026-94-3	Hept-2-yl butyrate	Hept-2-yl butyrate	
09,924	3980		5921-83-5	(+/-) - 3-heptyl acetate	(+/-) - 3-Heptyl acetate	
09,925	4007		60826-15-5	Nonane-3-yl acetate	Nonan-3-yl acetate	
09,926	4009		84434-65-1	Octane-3-yl format	Octan-3-yl formate	
09,927	2982		141-15-1	Rodin butyrate	Rhodinyl butyrate	
09,929	4006		220621-22-7	L-monomenthyl glutarate	L-Monomenthyl glutarate	
10,001	2781	178	104-61-0	Nonane-1,4-lactone	Nonano-l, 4-lactone	gamma-Nonalactone; 4-Hydroxynonanoic acid gamma-lactone; Aldehyde C-18 (so-called); Prunolide;gamma-Amyl butyrolactone;Nonanolide-1,4;

10,002	3091	179	104-67-6	Undecane-1,4-lactone	Undecano 1,4-lactone	gamma-Undecalactone;Aldehyde C-14 (so-called);gamma-Undecyl lactone;gamma-Heptyl butyrolactone;1,4-Hendecanolide;
10,003	2555	180	7779-50-2	Hexadecyl-6-ENO-1,16-lactone	Hexadec-6-eno-1.16-lactone	Ambrettolide; omega-6-hexadecenlactone; 16-Hydroxy-7-hexadecenoic acid lactone; Cyclohexadecen-7-olide; 6-Hexadecenolide;
10,004	2840	181	106-02-5	Pentadecane-1,15-lactone	Pentadecano-1,15-lactone	Exaltolide; omega-pentadecalactone; Angelica lactone; Muscolactone; 15-Hydroxytetradecanoic acid lactone; 1,15-epoxypentadecan-1-one;Cyclopentadecanolide; 15-Pentadecanolide;
10,005	2952	494	17369-59-4	3 Propilidenfgalid	3-Propylidenephthalide	
10,006	3291	615	96-48-0	Butyryl-1,4-lactone	Butyro-1,4-lactone	4-Hydroxybutanoic acid lactone; gamma-butyrolactone; 1,4-Epoxy butan-1-one; 2-Oxo oxolen;Dihydro-2- (3H) furanone; 3 (or 4 -) - hydroxybutyric acid, lactone; 1,2-butanolide;
10,007	2361	621	705-86-2	Deca-1,5-lactone	Decano-1,5-lactone	delta-Decalactone;Decanolide-1,5; Amyl-delta-valerolactone; delta-n-Amyl-delta-valerolactone;
10,008	2401	624	713-95-1	Dodecane-1,5-lactone	Dodecano 1.5-lactone	delta-Dodecalactone; n-Heptyl-delta-valerolactone; 5-Hydroxydodecanoic acid delta-lactone; delta-Heptyl-delta-valerolactone;Dodecanolide-1,5;
10,009	3780	625	18679-18-0	6-dodecyl-1,4-ENO-lactone	Dodec-6-ENO-1,4 lactone	gamma-Dodecen-6-lactone; 4-Hydroxy-6-dodecenoic acid lactone; Dihydro-5 (2-octenyl) -2 (3H) -furanone; cis-6-Dodecen-4-olide;
10.010	3167	641	823-22-3	Hexane-1,5-lactone	Hexano-1,5-lactone	delta-hexalactone; 5-Hydroxyhexanoic acid lactone;delta-Caprolactone; 5-Methyl-d-valerolactone; 5-Methyl-5-Hydroxypentanoic

						acid lactone;
10, 011	329 4	688	710-04-3	Undecane-1,5-lactone	Undecano 1.5-lactone	5-Hydroxyundecanoic acid lactone; Undecanolide-1,5;alpha-n-hexyl-delta-valerolactone; 5-n-Hexyl-5-hydroxypentanoic acid lactone;
10, 012	329 3	731	591-12-8	Metilfuran- 5-2 (3H) -one	5-Methylfuran-2 (3H) -one	4-Hydroxy-3-pentenoic acid lactone; Pent-3-en-1,4-lactone; beta-gamma-Angelica lactone; 5-Methyl-2- (3H) furanone; gamma-Methyl-beta-butenolide;
10, 013	310 3	757	108-29-2	Pentane-1,4-lactone	Pentano-1,4-lactone	gamma-Valerolactone; 4-Hydroxypentanoic acid lactone; gamma-Methyl-gamma-butyrolactone;gamma-Pentalactone; 4-Valerolactone; 4-Pentanolide;
10, 014	335 6	2194	3301-94-8	Nona-1,5-lactone	Nonano-1,5-lactone	delta-Nonalactone; 5-Hydroxynonanoic acid lactone; Nonanolide-1,5; n-Butyl-delta-valerolactone;
10, 015	321 4	2195	698-76-0	Octa-1,5-lactone	Octano-1,5-lactone	5-Hydroxyoctanoic acid lactone; delta-Octalactone;Tetrahydro-6-propyl-5-hydroxy-2H-pyran-2-one;
10, 016	359 0	2196	2721-22-4	Tetradecane-1,5-lactone	Tetradecano 1.5-lactone	delta-Tetradecalactone; 5-Hydroxytetradecanoic acid lactone; 2H-Pyran-2-one, Tetrahydro-6-nonyl-;
10, 017	236 0	2230	706-14-9	Deca-1,4-lactone	Decano-1,4-lactone	gamma-Decalactone; gamma-n-Decalactone; Decanolide-1,4; gamma-n-Hexyl-gamma-butyrolactone;
10, 018	237 2	2231	7774-47-2	Butiloktano 4-1,4-lactone	Butyloctano 4-1,4-lactone	4,4-Dibutyl-4-hydroxybutyric acid, gamma-lactone; 4-Butyl-4-hydroxyoctanoic acid lactone;
10. 019	240 0	2240	05/07/23 05	Dodecane-1,4-lactone	Dodecano 1,4-lactone	gamma-Dodecalactone;Dodecanolide-1,4; gamma-n-octyl-gamma-n-butyrolactone;Dodecanolide-1;

10, 020	2539	2253	105-21-5	Heptane-1,4-lactone	Heptano 1,4-lactone	Heptanolide-1,4; gamma-Heptalactone; Heptanolide- (4,1); 4-Hydroxyheptanoic acid, gamma-lactone;
10, 021	2556	2254	695-06-7	Hexane-1,4-lactone	Hexano-1,4-lactone	gamma-Hexalactone;Hexanolide-1,4; gamma-Ethyl-n-butyrolactone; Tonkalide;gamma-Caprolactone; Ethyl butyrolactone;
10, 022	2796	2274	104-50-7	Octa-1,4-lactone	Octano-1,4-lactone	gamma-Octalactone;Octanolide-1,4; gamma-n-Butyl-gamma-butyrolactone;
10, 023	3153	2300	698-10-2	5-Ethyl-3-hydroxy-4-metilfuran-2 (5H) -one	5-Ethyl-3-hydroxy-4-methylfiiran-2 (5H) -one	Emoxyfurone; 2,4-Dihydroxy-3-methyl-2-hexenoic acid, gamma lactone; 2-Ethyl-3-methyl-4-hydroxydihydro-2,5-furan-5-one;
10, 024	3333	10083	551-08-6	3 Butilidenftalid	3-Butylidenephthalide	
10, 025	3334	10084	6066-49-5	3-Butylphthalide	3-Butylphthalide	
10, 026	3350	10953	40923-64-6	Geptildigidro-3-5-methyl-2 (3H) -furanone	Heptyldihydro-3-5-methyl-2 (3H) -furanone	alpha-Heptyl-gamma-valerolactone; alpha-n-Heptyl-8-valerolactone;
10, 027	3355	11833	499-54-7	3,7 Dimetiloktano-1,6-lactone	3,7 Dimethyloctano-1.6-lactone	Menthane lactone; 6-Hydroxy-3,7-dimethyl caprylic acid, lactone; 4-Methyl-7-isopropyl-2-oxoepanone; Menthone lactone;

10,028	3610		16429-21-3	Dodecane-1,6-lactone	Dodecano 1,6-lactone	epsilon-Dodecalactone; 7-Hexyl-2-oxepanone;
10,029	3613		5579-78-2	Deca-1,6-lactone	Decano-1,6-lactone	epsilon-Decalactone; 7-Butyl-2-oxepanone; 6-Butylhexanolide;
10.030	3634	11834	28664-35-9	3-Hydroxy-4,5 dimetilfuran-2 (5H) -one	3-Hydroxy-4,5 dimethylfuran-2 (5H) -one	2-Hydroxy-3 -methylpent-2-en-1,4-lactone; 2,3-Dimethyl-4-hydroxy-2,5-dihydrofuran-5-on;
10,031	3696	10967	27593-23-3	6-pentyl-2H-pyran-2-one	6 Pentyl-2H-pyran-2-one	6-Pentyl-alpha-pyrone; 2H-Pyran-2-one, 6-pentyl-;
10,033	3745		34686-71-0	Dec-7-EHO-1,5 - lactone	Dec-7-ENO-1.5 lactone	2H-Pyran-2-one, tetrahydro-6- (2-pentenyl) -, (Z); 7-Decen-5-olide;
10,034	3755		80417-97-6	5,6-Dihydro-3,6 - dimetilbenzo-furan-2 (4H) -one	5.6-Dihydro-3,6 dimethylbenzo & ran-2 (4H) -one	Dehydromenthofurolactone; 2 (4H) -Benzofuranone, 5,6-dihydro-3,6-dimethyl-, (R) -;
10,035	3758		68959-28-4	Undec-8-ENO-1,5- lactone	Undec-8-ENO-1.5 lactone	5-Hydroxyundec-8-enoic acid deltalactone; 6- (3-Hexenyl) tetrahydro (2H) pyran-2-one;2H-Pyran-2-one, 6- (3-hexenyl) tetrahhydro-, (Z) -;
10,036	3764		13341-72-5	5,6,7,7a- tetrahydro-3,6 dimetilbenzo-	5,6,7,7a tetrahydro-3,6 dimethylbenzo-	2 (4H) -Benzofuranone, 5,6,7,7a, -tetrahydro-3,6-dimethyl-;Dehydroxymenthofurolactone;Mintlactone

				furan-2 (4H) -one	Furan-2 (4H) -one	
10, 037	3744		54814-64-1	Dec-2-ENO-1,5 - lactone	2-Dec-ENO-1.5 lactone	Massoia lactone;
10, 042	4050	11873	774-64-1	3,4-Dimethyl-5- pentiliden- furan-2 (5H) -one	3.4-Dimethyl-5- pentylidene- Furan-2 (5H) -one	Bovolide; 4-Hydroxy-2,3-dimethylnona-2,4-dienoic acid lactone;
10, 044	3802		16400-72-9	Dodec-2-ENO-1,5- lactone	Dodec-2-ENO-1 .5 lactone	5-Hydroxy-2-dodecenoic acid lactone; Delta-2-dodecenolactone; 6-Heptyl-5,6-dihydro-2-pyrone; 5-Heptyl-2-pentene -5-olide
10, 045		10660	3301-90-4	Heptane-1,5-lac tone	Heptano 1.5- lactone	6-Ethyltetrahydro-2H-pyran-2-one
10, 048		10673	730-46-1	Hexadecane-1,4 - lactone	Hexadecano 1,4- lactone	
10, 049		10674	7370-44-7	Hexadecane-1,5 - lactone	Hexadecano-1,5 -lactone	tetrahydro-6-undecyl-2H-pyran-2-one
10. 050	4032		92015-65-1	Digidromintlakt on	Dihydromintlact	2 (3H) - Benzofuranone, hexahydro-3,6

					one	dimethyl; 3.6-Dimethylcyclo- hexylacetolactone; 2- (2-Hydroxy-4- methylcyclohexyl) propionic acid lactone Gamma
10, 051	378 6		7011-83 -8	5-Hexyl-5- metildigidrofura n -2 (3H) -one	5-Hexyl-5- methyldihydrof uran -2 (3H) -One	Methyl gamma-decalactone;Dihydrojasmone lactone; 5-hexyldihydro-5-methylfuran-2 (3H) -one
10, 053	380 3	1053 5	39212-2 3-2	Metiloktano- 3- 1,4-lactone	Methyloctano 3-1,4- lactone	beta-Methyl-gamma-octalactone; 4-Butyl-3-methyl-1,4-butyrolactone; 5-butyldihydro-4-methylfuran-2 (3H) -one
10, 054	418 8		21963-2 6-8	2-nonenoic acid gamma lactone	2-Nonenoic acid, gamma-lactone	5-Pentyl-5H-furan- 2-one; 2 (5H) -2-Nonenoic acidFuranone, 5-pentyl-; 4-hydroxy-, gamma-lactone
10, 055		1090 7	542-28- 9	Pentane-1,5-lact one	Pentano-1,5-lact one	1,5-Valerolactone; delta-Valerolactone
10, 056	419 5		87-41-2	Phthalide	Phtalide	2- Hydroxymethylbenzoic acid gamma lactone; alpha-Hydroxy-o-toluic acid lactone;1 (3H) -Isobenzofuranone
10, 057	414 0		182699- 77-0	Wine lactone; '2- (2-Hydroxy-4- methyl-3- cyclohexenyl)	2- (2-Hydroxy-4- methyl-3- cyclohexenyl) propionic acid	Wine lactone; 2 (3H) -Benzofuranone, 3a, 4,5,7a-tetrahydro-3,6-dimethyl; 3a, 4,5,7a-tetrahydro-3,6-dimethylbenzofuran-2 (3H) -one

				propionic acid gamma lactone	Gamma-lactone	
10, 058		1090 2	7370-92 -5	Tridecane-1,5-lactone	Tridecano 1.5-lactone	tetrahydro-6-octyl-2H-pyran-2-one
10, 061	393 7		70851-6 1-5	cis-5-Geksenildigidro - metilfuran- 5-2 (3H) -one	CIS-5-Hexenyldihydro -5-methylfuran-2 (3H) - One	4-Hydroxy-4-methyldec-9-enoic acid lactone; (Z) -5-Hex-3-enyldihydro-5-methylfuran-2 (3H) -one
10, 063	414 5		28645-5 1-4	Geksadek 9-ene-1,16-lacto ne Izoambrettolid	Hexadec-9-en-1 .16 lactone, Isoambrettolide	Oxacyclo heptadec-10-en-2-one, 9-Hexadecenoic acid, 16-hydroxy-, omicron-lactone delta-9-Isoambrettolic acid, lactone
10, 069	399 9		67663-0 1-8	3-Methyl gamma Dekalakton	3-Methyl GAMMA decalactone	
11, 001	321 9	512	107-85-7	3-methylbutylamine	3-Methylbutylam ine	Isoamylamine; isoPentylamine;1-Butanamine, 3-methyl-;
11, 002	423 9	513	78-81-9	Isobutylamine	Isobutylamine	2-Methylpropylamine
11, 003	313 0	524	109-73-9	Butylamine	Butylamine	1-Aminobutane

11, 004	4237	601	107-10-8	Propylamine	Propylamine	
11, 005	4240	707	13952-84-6	sec-butylamine	sec-Butylamine	But-2-ylamine; 1-Methylpropylamine
11, 006	3220	708	64-04-0	Phenethylamine	Phenethylamine	l-Amino-2-phenylethane; 2-Aminoethylbenzene; 2-Phenylethylamine;
11, 007	4215	709	51-67-2	2-(4-hydroxyphenyl) ethylamine	2-(4-Hydroxyphenyl) ethylamine	Tyramine; 4- (2-aminoethyl) phenol; 4-Hydroxy-phenylethylamine; Tyrosamine
11, 008	3906	2041	551-93-9	2-aminoacetophenone	2-Aminoacetophenone	1-Acetyl-2-aminobenzene; o-Acetylaniline; 2-Acetylphenylamine; o-Aminoacetophenone; 2-Aminophenyl methyl ketone
11, 009	3241	10497	75-50-3	Trimethylamine	Trimethylamine	N, N-Dimethylmethylamine
11, 014	4248		19342-01-9	N, N-Dimethyl phenethylamine	N, N-Dimethyl-phenethylamine	(R) -N, N-Dimethyl-.alpha.-phenylethylamine, (R) -N, N- [alpha] -Trimethylbenzylamine
11, 015	4236	10477	04/07/75	Egilamin	Ethylamine	
11, 016	4243	10478	111-26-2	Hexylamine	Hexylamine	
11, 018	4238	10480	75-31-0	Isopropylamine	Isopropylamine	2-Aminopropane
11,		1048		Methylamine	Methylamine	

019		3				
11.020	4241	10484	96-15-1	2-methylbutylamine	2-Methylbutylamine	
11,021	4242	11734	110-58-7	Pentylamino	Pentylamine	Amylamine
11,023	4246	10496	121-44-8	Triethylamine	Triethylamine	N, N-diethylethylamine
11.025	4245	10494	1184-78-7	Trimethylamine oxide	Trimethylamine oxide	trimethylamine N-oxide dihydrate
11,026	4247	10495	102-69-2	Tripropylene n	Tripropylamine	
12,001	2747	125	3268-49-3	3- (Methylthio) propionaldehyde	3- (Methylthio) propionaldehyde	Methional; 3- (Methylthio) propanal;Methylmercaptopropionaldehyde;beta-Methiopropionaldehyde
12.002	2720	428	13532-18-8	Methyl 3- (methylthio) propionate	Methyl 3- (methylthio) propionate	Methyl beta-Methylmercapto propionate; Methyl beta-Methiopropionate
12,003	2716	475	74-93-1	Methanethiol	Methanethiol	Methylmercaptan; Thiomethyl alcohol; Methyl sulfhydrate;Mercaptomethane
12,004	2035	476	870-23-5	Alliltiol	Allylthiol	2-Propene-l-thiol; 2-Propene-1-thiol; Allyl sulfhydrate
12,005	2147	477	100-53-8	Fenilmetantiol	Phenylmethanethiol	Benzylmercaptan; alpha-Mercaptotoluene; alpha-Toluenethiol; Benzyl hydrosulfide; Benzylthiol;Thiobenzyl alcohol
12,	274	483	75-18-3	Dimethyl sulfide	Dimethyl sulfide	Methylsulfide; 2-Thiapropane;

006	6					
12, 007	2215	484	544-40-1	Dibutyl sulfide	Dibutyl sulfide	Butylsulfide; Di-n-butyl sulphide;Butylthiobutane
12, 008	2028	485	2179-57-9	Diallyl disulfide	Diallyl disulfide	Allyl disulfide; 2-Propenyl disulphide
12, 009	3265	486	2050-87-5	Diallyl trisulfide	Diallyl trisulfide	Allyl trisulfide; Prop-2-enyl-trithio prop-2-ene; Allyl trisulphide
12, 010	3478	526	109-79-5	Butane-1-thiol	Butane-1-thiol	n-Butyl mercaptan
12, 012	4093	533	110-81-6	Diethyl disulfide	Diethyl disulfide	
12, 013	3275	539	3658-80-8	Dimethyl trisulfide	Dimethyl trisulfide	Methyl trisulfide; Methyl trithio methane; Methyl trisulphide
12, 014	3228	540	629-19-6	Dipropyl disulfide	Dipropyl disulfide	Propyl disulfide;Propyldithiopropane
12, 015		541	111-47-7	Dipropyl sulfide	Dipropyl sulfide	
12, 016		542	625-80-9	Di-isopropyl sulfide	Di-isopropyl sulfide	
12, 017		546	01/08/75	Egantiol	Ethanethiol	Ethyl mercaptan
12, 018	3282	11665	625-60-5	S-Ethyl atsetotioatsetat	S-Ethyl acetothioate	Ethyl thioacetate; Acetic acid thio ethyl; Ethanethioic acid, S-ethyl ester; Acetic acid, thioethyl ester

12,019	3201	585	2179-60-4	Methyl propyl disulfide	Methyl propyl disulfide	Propyl methyl disulfide; Methyl dithio propane;Methyldithiopropane
12.020	3308	586	17619-36-2	Methyl propyl trisulfide	Methyl propyl trisulfide	Propyl methyl trisulfide; Methyl trithio propane; Propyl methyl trisulphide
12,021	4073	600	2179-59-1	Allyl propyl disulfide	Allyl propyl disulfide	
12,022	3477	725	4532-64-3	Butane-2,3-dithiol	Butane-2,3-dithiol	2,3-Dimercaptobutane;
12,023	3276	726	6028-61-1	Dipropyl trisulfide	Dipropyl trisulfide	Propyl trisulfide; Propyl trithio propane; Propyl trisulphide
12.024	3502	760	37887-04-0	Merkaptobutan- 3-2-ol	3-Mercaptobutan-2-ol	2-Hydroxy-3-butanethiol; 3-Hydroxy-2-butanethiol; 3-Mercapto-2-butanol
12,025	2034	2110	06/07/57	Allyl isothiocyanate	Allyl isothiocyanate	3-Isothiocyanatopropene; 2-Propenyl isothiocyanate; AITC;Isothiocyanic acid, allyl ester; 2-Propenyl isothiocyanate; Allyl isosulfocyanate; Allyl thiocarbonimide
12,026	3536	2175	624-92-0	Dimethyl disulfide	Dimethyl disulfide	Methyl disulfide; Methyl disulphide
12,027	3240	2272	137-06-4	Metilbenzol- 2-thiol-1	2-Methylbenzene-1-thiol	o-Toluenethiol; 2-Methylthiophenol; o-Tolylmercaptan
12,028	3448	2320	2550-40-5	Dicyclohexyl disulfide	Dicyclohexyl disulfide	Cyclohexyl disulphide

12, 029	3262	2321	07/08/1679	Tsiklopentantiol	Cyclopentanethiol	Cyclopentyl mercaptan
12, 030	3312	2326	505-79-3	3- (methylthio) propyl isothiocyanate	3- (Methylthio) propyl isothiocyanate	3-Methylmercaptopropyl isothiocyanate; Isothiocyanic acid, 3- (methylthio) propyl ester
12, 031	3300	2327	67633-97-0	Merkaptopentan- 3-2-one	3-Mercaptopentan-2-one	
12, 032	3310	2328	2432-51-1	S-Methyl butantioat	S-Methyl butanethioate	Methyl thiobutyrate; Methanethiol n-Butyrate; Thiobutyric acid, methyl ester
12, 033	3314	2330	91-60-1	Naphthalene-2-thiol	Naphthalene-2-thiol	beta-Thionapthol; 2-Mercaptonapthalene; 2-Naphthyl mercaptan; 2-Thionaphthol
12, 034	3514	2331	1191-62-4	Octane-1,8-dithiol	Octane-1,8-dithiol	1,8-Dimercaptooctane;Octamethylene dimercaptan
12, 035	3503	2332	23832-18-0	2-, 3- and 10-Merkaptopinan	2-, 3- and 10-Mercaptopinane	Pinanethiol; Pinanyl mercaptan;2,6,6 Trimethyl-bicyclo [3.1.1] heptane-(2,3 and 10) -thiol
12. 036	3509	2353	54957-02-7	3 - [(2-Mercapto-1-methylpropyl) thio] butan-2-ol	3 - [(2-Mercapto-1-methylpropyl) thio] butan-2-ol	alpha-Methyl-beta-hydroxypropyl alpha-methyl-beta-mercaptopropyl sulfide; 2-Butanol, 3 - [(2-mercapto-1-methylpropyl) thiol-;
12,	312	1186	2179-58-	Allyl methyl	Allyl methyl	Methyl allyl disulphide

037	7	6	0	disulfide	disulfide	
12, 038	3177	11789	38462-22-5	8-Mercapto-p-menthane-3-one	8-Mercapto-p-menthan-3-one	8-Mercaptomenthone;Thiomenthone
12, 039	3180	11790	79-42-5	2 Merka-ptopropionovaya acid	2-Merca-ptopropionic acid	Thiolactic acid; alpha-Mercaptopropionic acid; 2-Thiolpropionic acid
12, 040	3206	11686	23328-62-3	2-Methyl tioatsetaldegid	2-Methyl-thioacetaldehyde	Methyl mercapto aldehyde;Methylmercapto acetaldehyde
12, 041	3207	11543	13678-58-5	1- (methylthio) butan-2-one	1- (Methylthio) butan-2-one	
12, 042	3210	11553	1073-29-6	2- (Methylthio) phenol	2- (Methylthio) phenol	1-Hydroxy-2-methylmercaptobenzene; 2-Methylmercaptophenol
12, 043	3225	11757	882-33-7	Diphenyl disulfide	Diphenyl disulfide	Phenyl disulfide; Biphenyl disulfide; Phenyldithiobenzene
12, 044	3227	11699	5905-46-4	Prop-1-enyl propyl disulfide	Prop-1-enyl propyl disulfide	Propyl propenyl disulfide
12, 045	3253	11867	34135-85-8	Allyl methyl trisulfide	Methyl allyl trisulfide	Methyl allyl trisulphide
12, 046	3279	11469	19788-49-9	Ethyl 2-mercaptopropionate	Ethyl 2-mercaptopropionate	Ethyl thiolactate; 2-Mercapto propionic acid, ethyl ester
12, 047	3298	11497	40789-98-8	Merkaptobutan- 3-2-one	3-Mercaptobutan-	

					2-one	
12,048	3303	11509	1878-18-8	2-methylbutane-1-thiol	2-Methylbutane-1-thiol	Amyl mercaptan; 2-Methylbutyl mercaptan; Thioamyl alcohol
12,049	3304	11510	2084-18-6	3-methylbutan-2-thiol	3-Methylbutane-2-thiol	sec-Isoamylmercaptan
12,052	3335	11441	40790-04-3	Di- (3-oxobutyl) sulfide	Di- (3-oxobutyl) sulfide	bis (Butan-3-one-1-yl) sulfide
12,053	3343	11476	13327-56-5	Ethyl 3-(methylthio) propionate pro	Ethyl 3-(methylthio) propionate	Ethyl-beta-methylthiopropionate
12,054	3345	11666	4500-58-7	2- (ethylthio) phenol	2- (Ethylthio) phenol	2-Ethylphenyl mercaptan; 2-Ethylbenzenethiol
12,055	3357	11498	34619-12-0	Merkaptobutan- 4-2-one	4-Mercaptobutan-2-one	2-Keto-4-butanethiol
12,056	3374	11687	16630-52-7	3- (methylthio) butanal	3- (Methylthio) butanal	3-Methyl thio butyraldehyde; 3-Methyl propanethiol; Thio isoamyl aldehyde; Thio isovaleraldehyde
12,057	3375	11688	34047-39-7	4- (Methylthio) butane-2-one	4- (Methylthio) butan-2-one	(4-Methyl) -thio-2-butanone;Methyl propyl thioketone; 4-Methyl-2-butane-thione; 2-Pentane thione
12,058	3376	11551	23550-40-5	4- (Methylthio) -4-methylpentan-2-one	4- (Methylthio) -4-	

					methylpentan-2-one	
12,059	3385	11576	2307-10-0	Propyl thioacetate	Propyl thioacetate	Ethanethioic acid, S-propyl ester;Acetic acid, thiopropyl ester;
12,060	3412	11526	53053-51-3	Methyl 4-(methylthio) butyrate	Methyl 4-(methylthio) butyrate	Methyl gamma-methyl mercapto butyrate;
12,061	3414	11542	42919-64-2	4- (Methylthio) butanal	4- (Methylthio) butanal	4- (Methylmercapto) butanal;
12,062	3415	11554	505-10-2	3- (Methylthio) propan-1-ol	3- (Methylthio) Propan-1-ol	Methionol; gamma-Hydroxypropyl methyl sulfide; 3-Methylthio propyl alcohol; Methyl 3-hydroxypropyl sulfide;
12,063	3438	11548	51755-66-9	3- (Methylthio) hexan-1-ol	3- (Methylthio) hexan-1-ol	3-Methylmercapto-1-hexanol;
12,064	3472	11583	39067-80-6	Tiogeraniol	Thiogeraniol	3,7-Dimethyl-2,6-octadien-1-thiol;3,7-Dimethyl-2 (trans), 6-octadiene-1-thiol
12,065	3483	11904	59902-01-1	2,8-dithianon-4-ene-4-carboxaldehyde	2,8-Dithianon-4-en-4-carboxaldehyde	5- (Methylthio) -2- (methyl-thio) methylpent-2-en-1-al; 5-Methylthio-2 -[(methylthio) methyl] pent-2-enal
12,066	3484	11467	540-63-6	Ethane-1,2-dithiol	Ethane-1,2-dithiol	Dithioglycol; 1,2-Dimercaptoethane; Ethylene dithioglycol; Ethylene mercaptan;
12,067	3495	11486	1191-43-1	Hexane-1,6-dithiol	Hexane-1,6-dithiol	1,6-Dimercaptohexane;Hexamethylene dimercaptan;

12,068	3504	11508	699-10-5	Benzyl methyl disulfide	Benzyl methyl disulfide	Benzyldithiomethane; Methyl phenylmethyl disulfide
12,069	3513	11558	3489-28-9	Nonane-1,9-dithiol	Nonane-1,9-dithiol	1,9-Dimercaptononane;Nonamethylene dimercaptan
12,070	3520	11564	814-67-5	Propane-1,2-dithiol	Propane-1,2-dithiol	1,2-Dimercaptopropane
12,071	3521	11816	107-03-9	1-propane-1-thiol	1-Propane-1-thiol	Propyl mercaptan; n-Thiopropyl alcohol; Propylthiol
12,072	3528	11909	16128-68-0	Butane-1,2-dithiol	Butane-1,2-dithiol	1,2-Dimercaptobutane
12,073	3529	11910	24330-52-7	Butane-1,3-dithiol	Butane-1,3-dithiol	1,3-Dimercaptobutane
12,074	3533	11912	72869-75-1	Diallyl polysulfides	Diallyl polysulfides	2-Propenyl polysulfides; Diallyl di-, tri-, tetra-, and pentasulfides
12.075	3576	11712	5905-47-5	Methyl prop-1-enyl disulphide	Methyl prop-1-enyl disulfide	1-Propenyl methyl disulphide;Methyldithio-1-propene
12,076	3588	11929	109-80-8	Propane-1,3-dithiol	Propane-1,3-dithiol	1,3-Dimercaptopropane;Trimethylene dimercaptan
12,077	3597		766-92-7	Benzyl methyl sulfide	Benzyl methyl sulfide	Sulfide, benzyl methyl;Methylthiomethyl benzene
12,078	3600		20582-85-8	4- (Methylthio) butane-1-ol	4- (Methylthio) butan-1-ol	

12,079	3601	11549	40878-72-6	2-(methylthiomethyl)-but-2-enal	2-(Methylthiomethyl) But-2-enal	2-Ethylidene methional
12,080	3616	11585	108-98-5	Thiophenol	Thiophenol	Benzenethiol; Phenyl mercaptan;
12,081	3617		150-60-7	Dibenzyl disulfide	Dibenzyl disulfide	1,4-Diphenyl-2,3-dithiobutane;alpha-Benzyldithio toluene
12,082	3666		118-72-9	2,6- (dimethyl) thiophenol	2,6 (Dimethyl) thiophenol	2,6-Dimethylbenzenethiol; 2,6-Xylenethiol
12,083	3677		5466-06-8	Ethyl 3-mercaptopropionate	Ethyl 3-mercaptopropionate	Ethyl 3-thiopropionate
12,084	3681		22014-48-8	Ethyl 4-(methylthio) butyrate	Ethyl 4-(methylthio) butyrate	
12,085	3700		71159-90-5	p-mentha-1-en-8-thiol	p-Menth-1-ene-8-thiol	alpha, alpna, 4-Trimethyl-3-cyclohexene-1-methanethiol
12,086	3708		51534-66-8	Methyl 2-(methylthio) butyrate	Methyl 2-(methylthio) butyrate	Methylthio 2-methylbutyrate;Butanethioic acid, 2-methyl, S-methyl ester
12,087	3717		65887-08-3	2-(methylthiomethyl) -	2-(Methylthiometh	alpha-Benzylidenemethional; 2-Propenal, 2- (methylthiomethyl) -3-phenyl-;

				3-fenilpropenal	yl) -3-phenylpropenal	
12, 088	2042	11846	592-88-1	Diallyl sulfide	Diallyl sulfide	Allyl sulfide; 2-Propenyl sulphide;Thioallyl ether
12, 089	3836	11475	233665-96-8	Ethyl 3-(methylthio) butyrate	Ethyl 3-(methylthio) butyrate	
12, 092	3533	11912	72869-75-1	Diallyl pentasulfide	Diallyl pentasulfide	
12, 093	3533	11912	72869-75-1	Diallyl hexasulfide	Diallyl hexasulfide	
12, 094	3533	11912	72869-75-1	Diallyl geptasulfid	Diallyl heptasulfide	
12, 096		11429	10152-76-8	Allyl methyl sulfide	Allyl methyl sulfide	
12, 098		11433	33368-82-0	Allyl, prop-1-enyl disulphide	Allyl prop-1-enyl disulfide	
12, 099		11434	33922-70-2	Allyl propyl sulfide	Allyl propyl sulfide	(2-Propenyl) thiopropane
12. 100		11435	33922-73-5	Allyl propyl trisulfide	Allyl propyl trisulfide	
12.	332	1143	41820-2	Allyl thiopropionate	Allyl	

101	9	6	2-8		thiopropionate	
12, 102		11863	622-78-6	Benzyl isothiocyanate	Benzyl isothiocyanate	2-Isothiocyanatotoluene
12. 107	4082	11488	592-82-5	Butyl isothiocyanate	Butyl isothiocyanate	4-Isothiocyanato-but-1-ene
12, 108	4096	11454	68084-03-7	Di-isopentyl thiomalate	Di-isopentyl thiomalate	bis (3-methylbutyl) mercaptosuccinate; Di (3-methylbutyl) but-2 (cis) -enebis (thioate)
12, 109	3827	11455	4253-89-8	Di-isopropyl disulfide	Di-isopropyl disulfide	Disulfide, bis (l-methylethyl);Isopropyl disulfide; 2,5-Dimethyl-3,4-dithiohexane; Bis (l-methylethyl) disulfide
12, 113	3825	11450	352-93-2	Diethyl sulfide	Diethyl sulfide	Ethyl thioethane; Ethane, 1,1-thiobis-; Ethyl sulfide; 1,1-Thiobisethane; 3-Thiopentane;Diethylthioether
12, 114		11451	3600-24-6	Diethyl trisulfide	Diethyl trisulfide	
12, 116		11459	5756-24-1	Dimethyl tetrasulfide	Dimethyl tetrasulfide	
12, 118	3878		1618-26-4	2,4-Dithiapentane	2,4-Dithiapentane	Formaldehyde dimethyl mercaptal; bis [methylmercapto] methane; Formaldehyde dimethyl dithioacetal
12, 120	4108		68398-18-5	(+/-) - 2,8-Epitio-cis-p-menthane	(+/-) - 2.8-6-Epithio-Thiabicyclo [3.2.1] octane, 4,7,7-CIS P-menthane-trim	

					ethyl-, (Z) -; Zestoril	
12, 121	3834	11471	23747-43-5	Ethyl 2-(metilditio) propionate	Ethyl 2-(methyldithio) propionate	Ethyl alpha- (methyldithio) propionate
12, 122	3835		4455-13-4	Ethyl 2-(methylthio) acetate	Ethyl 2-(methylthio) acetate	Ethyl (methylthio) acetate; Ethyl 2-methylthioacetate
12, 126	4041	11478	30453-31-7	Ethyl propyl disulfide	Ethyl propyl disulfide	Ethyl dithiopropane
12, 127		11479	4110-50-3	Ethyl propyl sulfide	Ethyl propyl sulfide	
12, 128	3833		7341-17-5	2-ethylhexane-1-thiol	2-Ethylhexane-1-thiol	
12. 130		11485	04/09/1639	Heptane-1-thiol	Heptane-1-thiol	Heptyl mercaptan
12, 132	3842	11487	111-31-9	Hexane-1-thiol	Hexane-1-thiol	Hexyl mercaptan
12. 137	3854		34300-94-2	3-mercapto-3-methylbutan-1-ol	3-Mercapto-3-methylbutan-1-ol	1-Butanol, 3-mercapto-3-methyl-;3-Methyl-3-mercaptobutyl alcohol; 3-Mercapto-3-methylbutyl alcohol
12, 138	3855		50746-10-6	3-Mercapto-3-methylbutyl format	3-Mercapto-3-methylbutyl	3-Methyl-3-thiobutyl formate; 1-Butanol, 3-mercapto-3-methyl, formate ester; 3-Methyl-3-mercaptobutyl formate

					formate	
12, 139	4159	11880	7217-59-6	2 Merkaptoanizol	2-Mercaptoanisole	Thioguaiacol; 2-Methoxythiophenol; 2-Methoxybenzenethiol; 2-Methoxybenzene-1-thiol
12, 141	3503	2332	23832-18-0	2 Merkaptopinan	2-Mercaptopinane	pinane-2-thiol; 2,6,6 Trimethyl-bicyclo [3.1.1] heptane-2-thiol
12, 142	3503	2332	72361-41-2	3 Merkaptopinan	3-Mercaptopinane	2,6,6 Trimethyl-bicyclo [3.1.1] heptane-3-thiol
12, 143	3856		24653-75-6	Merkaptopropan- 1-2-one	1-Mercaptopropan-2-one	Mercaptoacetone
12, 145	3785		94087-83-9	4-Methoxy-2-methylbutan-2-thiol	4-Methoxy-2-methylbutane-2-thiol	
12, 146	4003	11525	16630-66-3	Methyl (methylthio) acetate	Methyl (methylthio) acetate	
12, 148	3867		61122-71-2	Methyl S-4-metilpentantioat	S-Methyl 4-methylpentanethioate	
12, 149	3876		03/08/1534	S-Methyl atsetotioat	S-Methyl acetothioate	
12, 150	3857	11505	5925-68-8	S-Methyl benzotioat	S-Methyl benzothioate	Methane thiobenzoate; S-Methyl thiobenzoate; Methanethiol, benzoate;

12.153	4040	11470	20333-39-5	Methyl ethyl disulphide	Methyl ethyl disulfide	
12,154	3860	11474	624-89-5	Methyl ethyl sulfide	Methyl ethyl sulfide	(Methylthio) ethane; Sulfide, ethyl methyl; 1- (Methylthio) ethane; 2-Thiobutane; Ethyl methyl thioether
12,155	3861		31499-71-5	Ethyl methyl trisulfide	Methyl ethyl trisulfide	2,3,4-Trithiohexane; Ethyl methyl trisulfide
12,156	3862	11515	20756-86-9	S-Methyl geksantioat	S-Methyl hexanethioate	
12,157	3864	11506	23747-45-7	S-Methyl izopentantioat	S-Methyl isopentanethioate	Methane thioisopentanoate; S-methyl 3-methylbutanethioate
12,159		11520	2949-92-0	Methyl metantiosulfonat	Methyl methanethiosulfonate	
12,161	3872	11532	14173-25-2	Methyl phenyl disulfide	Methyl phenyl disulfide	Phenyl methyl disulfide
12,162	3873	11533	100-68-5	Methyl phenyl sulfide	Methyl phenyl sulfide	Thioanisole; Benzene, (methylthio) -; Sulfide, methyl phenyl-; 1-Phenyl-1-thioethane;Methyl phenyl thioether
12.163		11538	10152-77-9	Methyl prop-1-enyl sulfide	Methyl prop-1-enyl sulfide	
12,164		11539	33368-80-8	Methyl prop-1-enyl trisulfide	Methyl prop-1-enyl trisulfide	

12, 165	4172		5925-75-7	S-Methyl propantioat	S-Methyl propanethioate	Propanethioic acid, S- methyl ester; S-Methyl thiopropionate
12, 166		11541	3877-15-4	Methyl propyl sulfide	Methyl propyl sulfide	
12, 168	3866		67952-60-7	2-Methyl-2-(metilditio) propanal	2-Methyl-2-(methyldithio) propanal	2-Methyl-2- (methyldithio) propionaldehyde; 2- (Methyldithio) isobutyraldehyde
12, 169	3997	11500	19872-52-7	2-Methyl-4-oksopentan-2-thiol	2-Methyl-4-oxopentane-2-thiol	4- Mercapto-4-methylpentan-2-one
12, 170	3896	11511	5287-45-6	3-methylbut-2-ene-1-thiol	3-Methylbut-2-ene-1-thiol	
12, 171	3858		541-31-1	Metilbutan- 3-1-thiol	3-Methylbutane-1-thiol	Isoamyl mercaptan;
12, 173	3874	11536	513-44-0	Metilpropan- 2-thiol-1	2-Methylpropane-1-thiol	Isobutyl mercaptan;
12, 174		11537	75-66-1	Metilpropan- 2-2-thiol	2-Methylpropane-2-thiol	tert-Butylmercaptan;
12, 175	3875		67-68-5	Methylsulfonyl finilmetan	Methylsulfinylmethane	Dimethyl-sulfoxide- (INN); Methyl sulfoxide; Dimethyl sulfoxide;DMSO;

12, 176	3881		583-92-6	4- (Methylthio) -2-oxobutyric acid	4- (Methylthio) -2-oxobutyric acid	
12, 179	4004	11545	5271-38-5	2- (Methylthio) ethan-1-ol	2- (Methylthio) Ethan-1-ol	2- (methylthio) ethanol; 2-hydroxyethyl methyl sulfide;
12, 187	3879		74758-93-3	Methylthiomethyl butyrate	Methylthiomethyl butyrate	
12, 188	3880		74758-91-1	Methylthiomethyl hexanoate	Methylthiomethyl hexanoate	
12. 191	4333		110-66-7	Pentane-1-thiol	Pentane-1-thiol	Amyl hydrosulfide, Amyl mercaptan, Amyl sulfhydrate, Pentyl mercaptan
12, 192	3792		2084-19-7	Pentan-2-thiol	Pentane-2-thiol	sec-Amylmercaptan; 1-Methylbutanethiol; 2-Mercaptopentane;
12, 193	4014	11495	09/02/2257	Phenethyl isothiocyanate	Phenethyl isothiocyanate	
12, 194	3894	11561	4410-99-5	2-phenylethane-1-thiol	2-Phenylethane-1-thiol	
12, 195	3895		33049-93-3	S-DEBATE thioacetate	S-Prenyl thioacetate	Ethanethioic acid, S- (3-methyl-2-buten-1-yl) ester; Thioacetic acid, S-(3-methyl-but-2-en-1-yl) ester; 3-Methylbut-2-enyl acetothioate
12, 197	3897	11565	75-33-2	Propane-2-thiol	Propane-2-thiol	Isopropyl mercaptan;
12,	402		423474-	2,3,5-Tritiageksan	2,3,5-Trithiahexa	Trithiahexane; 2,3,5-Methyl (methylthio) methyl disulfide;(Methyldithio)

198	1		44-2		ne	(methylthio) methane; 2,4,5-Trithiahexane;
12, 199	421 0		507-09-5	Thioacetic acid	Thioacetic acid	Ethanethioic acid; Thiolacetic acid; Acetothioic acid
12, 201	380 9		94293-5 7-9	8-n-Acetylthio -3 mentanon	8-Acetylthio-p-menthanone-3	
12, 203	378 8		74586-0 9-7	Metilgio 2-(acetoxy) propionate	Methylthio 2-(acetyloxy) propionate	
12. 211	382 0		32951-1 9-2	But-1-enyl methyl sulfide	But-1-enyl methyl sulphide	
12. 212	397 8		1618-26-4	Ethyl 5-(methylthio) valerate	Ethyl 5-(methylthio) Valerate	bis (Methylthio) methane, 2.4-Dithiapentane, Formaldehyde dimethyl dithioacetal, Formaldehyde dimethyl mercaptal, Bis (methyl Mercapto) methane, bis Methylene (methyl sulfide) Thioformaldehyde dimethyl acetal, Pentanoic acid, 5- (methylthio) -, ethyl ester
12, 214	415 0		127931-21-9	(+/-) - 3- Isobutyl methylthiobutyrate	(+/-) - 3-Isobutyl methylthiobutyrate	2-Methylpropyl 3- (methylthio) butyrate; 2-Methylpropyl 3- (methylthio) butanoate; Isobutyl 3- (methylthio) butyrate, 2-Methylpropyl 3-(methylthio) butyrate
12, 217	385 0		51755-8 3-0	Merkaptogeksan- 3-1-ol	3-Mercaptohexan - 1-ol	3-Thiohexanol; 3-Thiohexan-1-ol
12,	386			Methyl 3-methyl-1-	Methyl-3-methyl	

218	5			butenyl disulfide	-1-butenyl disulphide	
12, 227	3790			Methylthio-2-(propionyloxy) propionate	Methylthio-2-(propionyloxy) propionate	
12, 234	3851		136954-20-6	3-mercaptohexyl acetate	3-Mercaptohexyl acetate	
12, 235	3852		136954-21-7	3-mercaptohexyl butyrate	3-Mercaptohexyl butyrate	
12, 236	3789		51755-85-2	3- (Methylthio) hexyl acetate	3- (Methylthio) hexyl acetate	
12, 237	3883		16630-55-0	3- (Methylthio) propyl acetate	3- (Methylthio) propyl acetate	3-Acetoxypropyl methyl sulfide;1-Propanol, 3- (methylthio) -, acetate; Methionyl acetate
12, 238	3996		227456-27-1	3-mercapto-2-methylpentan-1-ol	3-Mercapto-2-methylpentan-1-ol	
12, 239	3994		227456-28-2	3-Mercapto-2-metilpentanal	3-Mercapto-2-methylpentanal	
12. 240	4214		6540-86-9	2,4,6-Tritiageptan	2,4,6-Trithiaheptane	bis- (Methylthiomethyl) sulfide
12, 241	3995		258823-39-1	2-mercapto-2-methylpentan-1-ol	2-Mercapto-2-methylpentan-1-o	

					l	
12, 242	4185		29414-47-9	Metiltiome-tilmerkaptan	Methylthiome-thylmercaptan	Methanethiol, 1-methylthio-;(Methylthio) methanethiol
12, 244	3882		14109-72-9	1-Methylthio-2-propanone	1-Methylthio-2-propanone	
12, 249	3996		227456-27-1	3-Mercapto-2-methyl pentanol (mixture of stereo isomers)	3-Mercapto-2-methylpentanol (Mixture of stereo ISOMERS)	
12, 251	3853		136954-22-8	3-mercaptohexyl hexanoate	3-Mercaptohexyl hexanoate	
12, 252	4158		31539-84-1	(+/-) - 4-mercapto-4-methyl-2-pentanol	(+/-) - 4-Mercapto-4-methyl-2-pentanol	2-Pentanol, 4-mercapto-4-methyl-
12, 253	4025		72437-68-4	Amyl methyl disulfide	Amyl methyl disulfide	2,3-Dithiaoctane, 1-Methyldisulfanyl-pentane
12, 254	4027		63986-03-8	Butyl ethyl disulfide	Butyl ethyl disulfide	3,4-Dithiaoctane, 1-Ethyldisulfanyl-butane
12. 255	3977		156472-94-5	Ethyl 3-merkaptobutirat	Ethyl 3-mercaptobutyrate	Disulfide, butyl ethyl; 1-Ethyldisulfanylbutane; 3,4-Dithiaoctane

12, 256	4042		31499-70-4	Ethyl propyl trisulfide	Ethyl propyl trisulfide	3,4,5-Trithianonane
12, 257	3974		104228-51-5	Ethyl 4- (acetylthio) butyrate	Ethyl 4-(acetylthio) butyrate	
12, 261	4097		6725-64-0	Dimerkaptometan	Dimercaptomethane	
12, 264	4157		92585-08-5	4-Mercapto-2-pentanone	4-Mercapto-2-pentanone	4-Mercaptopentan-2-one
13, 001	2702	119	620-02-0	5 Metilfurfurol	5-Methylfurfural	5-Methyl-2-furaldehyde; 5 Methyl-2-furaldehyde
13, 002	2703	358	611-13-2	Methyl 2-furoate	Methyl 2-furoate	Methyl furoate; Methyl pyromucate; Furan-alpha-carboxylic acid, methyl ester;
13, 003	2946	359	615-10-1	Propyl 2-furoate	Propyl 2-furoate	Propyl furan-2-carboxylate; n-Propyl pyromucate;
13, 004	2030	360	4208-49-5	Allyl 2-furoate	Allyl 2-furoate	Allyl furan-2-carboxylate; Allyl pyromucate; 2-Propenyl furan-2-carboxylate; 2-Propenyl 2-furoate;
13, 005	2571	361	39251-86-0	Hexyl 2-furoate	Hexyl 2-furoate	
13, 006	2865	362	7149-32-8	Phenethyl 2-furoate	Phenethyl 2-furoate	2-Phenylethyl 2-furoate;
13, 007	2898	489	3208-40-0	2- (3-phenylpropyl) tetrahydrofuran	2-(3-Phenylpropyl) -tetrahydrofuran;	2-Hydrocinnamyl tetrahydrofuran; alpha- (3-phenylpropyl)

					Tetrahydrofuran	
13, 009	238 1	535	119-84-6	3,4-Digidrokumarin	3,4-Dihydrocoum arin	Dihydrocoumarin; 1,2-Benzodihydropyrone;Hydrocoumarin; 2-Chromanon e;2-Oxochroman; o-Hydroxydihydrocinnamic acid lactone;
13. 010	317 4	536	3658-77- 3	4-Hydroxy-2,5 dimetilfuran- 3 (2H) -one	4-Hydroxy-2,5 dimethylfuran- 3 (2H) -one	Furaneol; 2,5-Dimethyl-4-hydroxy-2,3-dihydrofuran-3-one;
13, 011		545	623-20-1	Ethyl furfurakrilat	Ethyl furfuracrylate	Ethyl 3- (2-furyl) prop-2-enoate
13. 012	269 9	579	92-48-8	6-methylcoumarin	6-Methylcoumari n	5-Methyl-2-hydroxyphenylpropenoic acid lactone; 6-Methyl-2H-1-benzopyran-2-one; 6-Methylbenzopyrone; 6-Meth yl-1,2-benzopyrone
13, 015	347 6	722	28588-7 3-0	bis- (2,5-dimethyl- 3-furyl) disulfide	bis- (2.5-Dimethyl-3- furyl) disulfide	3.3 (1) -Dithiobis (2,5-dimethylfuran)
13, 016	325 9	723	28588-7 5-2	bis (2-methyl-3- furyl) disulfide	bis- (2-Methyl-3- furyl) disulfide	2-Methyl-3-furyl disulphide; 3,3'-Dithio-2,2'-dimethyldifuran;
13, 017	326 0	724	28588-7 6-3	bis (2-methyl-3- furyl) tetrasulfide	bis- (2-Methyl-3- furyl) tetrasulfide	2-Methyl-3-furyl tetrasulphide;3,3'-Tetrathiobis (2-methylfuran);
13, 018	248 9	2014	01/01/98	Furfural	Furfural	Furfuraldehyde; 2-Furancarboxaldehyde; Fural; 2-Formylfuran; 2-Furaldeh yde;Pyromucic aldehyde; 2-Furylcarboxaldehyde;
13,	249	2023	98-00-0	Furfuryl sprt	Furfuryl alcohol	2-Furancarbinol; Furfuralcohol;alpha-Furylcarbinol; 2-Furylcarbinol; 2-Hy

019	1					droxymethylfuran;
13.020	3056	2029	97-99-4	Tetrahydrofuryl alcohol, furfuryl	Tetrahydrofurfuryl alcohol	Tetrahydro-2-furancarbinol; tetrahydro-2-furanmethanol; tetrahydro-2-furylmethanol;
13,021	2070	2080	7779-66-0	Isopentyl 4- (2-furan) butyrate	Isopentyl 4- (2-Furan) butyrate	Isopentyl furyl-2-butyrate;Isoamyl furfurylpropionate; 3-Methylbutyl 2-furanbutyrate;alpha-Isoamyl furfurylpropionate;3-Methylbutyl 4-(2-furan) butanoate
13,022	2435	2091	10031-90-0	Ethyl 3 (2-furyl) propionate	Ethyl 3 (2-furyl) propionate	Ethyl 2-furanpropionate; Ethyl furfurylacetate; Ethyl furylpropionate;
13,023	2071	2092	7779-67-1	Isopentyl 3- (2-furan) propionate	Isopentyl 3- (2-Furan) propionate	Isoamyl forylpropionate; Isoamyl furfurylacetate; Isoamyl furfurhydracrylate; alpha-Isoamyl furfurylacetate; 3-Methylbutyl 3-(2-furan) propanoate
13,024	2198	2093	105-01-1	Isobutyl 3- (2-furyl) propionate	Isobutyl 3- (2-furyl) propionate	Isobutyl 2-furanpropionate;Isobutyl furfurylacetate; Isobutyl-2-furanpropionate; 2-Methylpropyl 3- (2-furyl) propanoate
13,025	2072	2109	1334-82-3	Pentyl 2-furoate	Pentyl 2-furoate	Amyl 2-furoate; Amyl furan-2-carboxylate; Pentyl furan-2-carboxylate;
13,026	2493	2202	02/02/98	2 Furanmetantiol	2-Furanmethanethiol	Furfuryl mercaptan; 2-Furylmethane thiol; alpha-Furfuryl mercaptan;
13,027	2076	2205	65504-96-3	2-Pentyl-5 or 6-keto-1,4-dioxane	2-Pentyl-5 or 6-keto-1.4-dioxane	5-Pentyl-1,4-dioxan-2-one;
13,028	2204	2206	65504-45-2	2-Butyl-5-or 6-keto-1,4-dioxane	2-Butyl-5 or 6-keto-1,4-dioxa	5-Butyl-1,4-dioxan-2-one;

					ne	
13, 029	410 6	2208	625-86-5	2,5-dimethylfuran	2,5-Dimethylfura n	
13. 030	417 9	2209	534-22-5	2-methylfuran	2-Methylfuran	
13, 031	312 8	2247	4265-16-1	2 Benzofuran-carboxaldehyde	2-Benzofu-rancarboxaldehy de	2-Formylbenzofuran;
13, 032	316 1	2248	1883-78-9	Furfuryl isopropyl sulfide	Furfuryl isopropyl sulfide	Isopropyl furfuryl sulphide;
13, 033	316 2	2250	13678-68-7	S-furfuryl atsetotioat	S-Furfuryl acetothioate	Furfuryl thioacetate;
13, 034	249 4	2252	623-30-3	3- (2-furyl) akrilaldegid	3- (2-Furyl) acrylaldehyde	Furyl acrolein; 2-Furanacrolein;Furylacrolein; 3- (2-Furyl) prop-2-enal
13, 035	323 5	2265	494-90-6	Mentofuran	Menthofuran	3.9-Epoxy-P-Mentha-3.8-Diene; 4,5,6,7-tetrahydro-3.6-dimethylbenzofuran
13, 036		2267		Methyl furfurakrilat	Methyl furfuracrylate	Methyl 3- (2-furyl) prop-2-enoate
13, 037	323 6	2269	16409-43-1	2- (2-methyl-1-enyl) -4-methyltetrahydropyr an	2- (2-Methylprop-1- enyl) -4-methyltetrahydro	Rose oxide; Tetrahydro-4-methyl-2- (2-methylpropen-1-yl) pyran; Rose oxide levo;

					pyran	
13, 038	3468	2309	50626-02-3	2-Phenyl-3-karbetoksifuran	2-Phenyl-3-carbethoxyfuran	Phenyl oxaromate; Ethyl 2-Phenyl-3-furoate; Ethyl 2-phenyl-3-furoate
13, 039	3525	2319	22694-96-8	2,4,5-trimethyl -3- delta oxazoline	2,4,5-Trimethyl-Delta-3-oxazoline	2,4,5-Trimethyl-2,5-dihydrooxazole; 3-Oxazoline, 2,4,5 -trimethyl;
13. 040	3481	2323	65505-16-0	2,5-Dimethyl-3-tiofuroilfuran	2.5-Dimethyl-3-thiofuroylfuran	S- (2,5-Dimethyl-3-furyl) thio-2-furoate;
13, 041	3482	2324	55764-28-8	2,5-Dimethyl-3-(isopentylthio) furan	2.5-Dimethyl-3-(isopentylthio) Furan	S- (2,5-Dimethyl-3-furyl) thioisovalerate; 2,5-Dimethyl-3-(3-methylbutylthio) furan
13, 042	3373	2338	3188-00-9	4,5-dihydro-2-methylfuran-3 (2H) -one	4.5-Dihydro-2-methylfuran-3 (2H) -one	Tetrahydro-2-methyl-3-oxofuran;2-Methyltetrahydrofuran-3-one;Dihydro-2-methyl-3-furanone;Dihydrofuranone-3 (2H) -, 2-methyl;
13, 043	2492	11885	770-27-4	Furfurylidene-2-butanal	Furfurylidene-2-butanal	Furfurylidene-2-butyraldehyde; 3-Ethyl-3 (2-furyl) -2-propenal; 2-Ethyl-3 (2-furyl) acrolein; 3 (2-furyl) -2-ethylacrolein;
13, 044	2495	11838	623-15-4	4- (2-furyl) but-3-en-2-one	4- (2-Furyl) But-3-en-2-one	Furfurylidine acetone;Furfuralacetone;
13, 045	2496	11837	6975-60-6	1- (2-furyl) -propan-2-one	1- (2-Furyl) -Propan-2-one	Furfuryl methyl ketone; 2-Acetonylfuran; Furyl acetone;Methyl furfuryl ketone;
13, 046	2704	11878	874-66-8	3- (2-furyl) -2-methyl-prop-2-	3- (2-Furyl) -2-methylprop-2-en	2-Furfurylidenepropionaldehyde;2-Methyl-3-furylacrolein; alpha-Methyl-beta-furylacrolein;Furfurylidene-2-propanal;

				enal	al	
13, 047	2945	11842	623-22-3	Propyl 3- (2-furyl) acrylate	Propyl 3- (2-furyl) acrylate	Propyl furanacrylate; Propyl furylacrylate; Propyl 3 (2-furyl) prop-2-enoate
13, 048	3057	11841	2217-33-6	Tetrahydrofuryl furyl butyrate	Tetrahydrofurfuryl butyrate	Tetrahydro-2-furylmethyl n-Butanoate; Tetrahydrofurfuryl n-Butyrate;
13, 049	3058	11843	637-65-0	Tetrahydrofuryl furyl propionate	Tetrahydrofurfuryl propionate	2-Tetrahydrofurylmethyl propionate;
13, 050	3146	11480	4437-20-1	Difurfuryl disulfide	Difurfuryl disufide	Bis- (2-furfuryl) disulfide; 2-Furfuryl disulphide;
13, 051	3158	11770	59020-90-5	2-furfuryl tioformat	2-Furfuryl thioformate	2-Furylmethanethiol formate;Furfurylthio formate;
13, 052	3159	10944	13679-46-4	Furfuryl methyl ester	Furfuryl methyl ether	Methyl furfuryl ether;
13, 053	3160	11482	1438-91-1	Furfuryl methyl sulfide	Methyl furfuryl sulfide	
13, 054	3163	11653	1192-62-7	2-acetylfuran	2-Acetylfuran	2-Furyl methyl ketone; Methyl 2-Furyl ketone;
13, 055	3188	11678	28588-74-1	2-methylfuran-3-thiol	2-Methylfuran-3-thiol	2-Methyl-3-furylmercaptan;
13, 056	3238	11438	13678-67-6	Difurfuryl sulfide	Difurfuryl sulfide	2,2 '- (Thiodimethylene) -difuran;2-Furfuryl monosulphide;Difurfuryl monosulphide;
13,	328	1064	13678-6	Furfuryl isovalerate	Furfuryl	Furfuryl 3-methylbutanoate

057	3	2	0-9		isovalerate	
13, 058	3307	10355	31704-80-0	3- (5-Methyl-2-furyl) butanal	3- (5-Methyl-2-furyl) butanal	2 Furanpropanal, beta, 5-dimethyl-; 3- (5-Methyl-2-furyl) butyraldehyde;
13, 059	3317	10966	3777-69-3	2-pentyl	2-Pentylfuran	2-Amylfuran;
13. 060	3320	11821	65505-25-1	Tetrahydrofuryl furyl cinnamate	Tetrahydrofurfuryl cinnamate	Cinnamic acid, tetrahydrofurfuryl ester; Tetrahydro-3-furylmethyl 2-phenylpropenoate; Tetrahydro-2-furylmethyl cinnamate; Tetrahydrofurfuryl 3-phenylprop-2-enoate
13, 061	3337	10930	4437-22-3	Difurfurilovy ether	Difurfuryl ether	Furfuryl ether;
13, 062	3346	10646	623-19-8	Furfuryl propionate	Furfuryl propionate	Furfuryl propanoate;
13, 063	3347	11484	59020-85-8	S-furfuryl propantioat	S-Furfuryl propanethioate	Furfuryl thiopropionate;
13, 064	3362	11513	57500-00-2	Furfuryl methyl disulfide	Methyl furfuryl disulfide	Furfuryl methyl disulphide;Methyl 2-furylmethyl disulphide;
13, 065	3366	11550	13678-59-6	2-Methyl-5-(methylthio) furan	2-Methyl-5-(methylthio) Furan	Methyl 5-methyl-2-furyl sulfide;(5-Methylfuryl-2) -thiomethane;
13, 066	3391	10921	10599-70-9	3-Acetyl-2,5-dimethylfuran	3-Acetyl-2,5 dimethylfuran	2,5-Dimethyl-3-acetylfuran;

13, 067	3396	10645	39252-03-4	Furfuryl octanoate	Furfuryl octanoate	alpha-Furfuryl caprylate;
13, 068	3397	10647	36701-01-6	Furfuryl valerate	Furfuryl valerate	Furfuryl pentanoate; alpha-Furfuryl pentanoate; alpha-Furfuryl valerate;
13, 069	3401	10952	3777-71-7	2 Geptilfuran	2-Heptylfuran	
13, 070	3418	11180	14360-50-0	2 Geksanoilfuran	2-Hexanoylfuran	2-Furyl pentyl ketone;
13, 071	3451	11457	55764-23-3	2,5-dimethylfuran 3-thiol	2,5-Dimethylfuran- 3-thiol	2,5-Dimethyl-3-mercaptofuran;2,5-Dimethyl-3-furylmercaptan;
13, 072	3471	10514	3738-00-9	1,5,5,9-tetramethyl-13-oksatritsiklo [8.3.0.0. (4.9)] tridecane	1,5,5,9-Tetramethyl-13-oxatricyclo [8.3.0.0. (4.9)] tridecane	Tetramethyl-perhydronaphtofuran;
13, 073	3518	10864	39251-88-2	Octyl 2-furoate	Octyl 2-furoate	Octyl 2-furancarboxylate;
13, 074	3535	11913	3782-00-1	2,3-Dimethyl -benzofuran	2.3-Dimethyl-benzofuran	
13, 075	3538	11915	61295-51-0	2,6-Dimethyl-3 -((2-methyl-3-furyl)	2,6-Dimethyl-3 -((2-methyl-3-furyl)	1,3-Diisopropylacetonyl-2-methyl-3-furyl sulphide; 3 ((2-methyl-3-furyl) thio) -2,6-dimethyl-4-heptanone;

				thio) heptan-4-one	thio) heptan-4-one	
13, 076	3549	11917	65620-50-0	6 Gidroksidigid rotiaspiran	6-Hydroxydihydrothe aspirane	6-Hydroxy-2,6,10,10-tetramethyl-1-oxaspiro (4,5) decane;2,6,10,10-Tetramethyl-1-oxaspiro [4.5] decan-6-ol
13, 077	3570	11922	61295-41-8	3 - ((2-methyl-3-furyl) thio) heptane-4-one	3 - ((2-Methyl-3-furyl) thio) heptan-4-One	1,3-Diethylacetonyl 2-methyl-3 -furyl sulfide;
13, 078	3571	11923	61295-50-9	4 - ((2-methyl-3-furyl) thio) nonan-5-one	4 - ((2-Methyl-3-furyl) thio) nonan-5-One	1,3-Dipropylacetonyl 2-methyl-3-furyl sulfide;
13, 079	3573	11924	65505-17-1	Methyl 2-methyl-3-furyl disulfide	Methyl 2-methyl-3-furyl disulfide	
13, 082	3607		61197-09-9	Propyl, 2-methyl-3-furyl disulfide	Propyl 2-methyl-3-furyl disulfide	2-Methyl-3-furyl propyl disulphide;
13, 083	3609	11038	1193-79-9	2-Acetyl-5-methylfuran	2-Acetyl-5-methylfuran	Methyl 5-methyl-2-furyl ketone;Ethanone, 1- (5-methyl-2-furanyl) -; 1- (5-methyl-2-furyl) ethanone;
13, 084	3623		27538-09-6	2-Ethyl-4-hydroxy-5-methyl-3 (2H) -	2-Ethyl-4-hydroxy-	5-Ethyl-4-hydroxy-2-methyl-3 (2h) -furanone;

				furanone	5-methyl-3 (2H) - furanone	
13, 085	3635	11785	19322-27-1	4-Hydroxy-5-methylfuran-3 (2H) - it	4-Hydroxy-5-methylfuran-3 (2H) - One	2,3-Dihydro-4-hydroxy-5-methylfuran-3-one; 5-Methyl-4-hydroxy-3 (2H) -furanone;
13, 086	3636		26486-14-6	4,5-Dihydro-2-methyl-3-tioatsetoksifuran	4.5-Dihydro-2-methyl-3-thioacetoxyfuran	2-Methyl-4,5-dihydro-3-furanthiol acetate; 4,5-Dihydro-2-methyl-3-furanthiol acetate;
13, 087	3651		57893-27-3	6 Atsetoksidigidrotiaspiran	6-Acetoxydihydrothe aspirane	2,6,10,10-Tetramethyl-1-oxaspiro (4.5) dec-6-yl acetate; 2,6,10,10-Tetramethyl-1-oxaspiro [4.5] decan-6-yl acetate
13, 088	3661		09/08/1786	3,6-Dihydro-4-methyl-2- (2-methyl-prop-1-en-1- yl) -2H-pyran	3.6-Dihydro-4-methyl-2- (2-methylprop-1-en-1- YL) -2H-pyran	3,6-Dihydro-4-methyl-2- (2-methyl-1-propenyl) -2H-pyran;
13, 089	3664		4077-47-8	2,5-Dimethyl-4-metoksifuran-3 (2H) -one	2.5-Dimethyl-4-methoxyfuran-3 (2H) -one	Mesifurane; 4-Methoxy-2,5-dimethyl-3-furanone;
13, 090	3665	10937	7416-35-5	2,2-Dimethyl-5- (1-methyl-1-	2.2-Dimethyl-5- (1-	Tetrahydrofuran, 2,2-dimethyl-5- (1-methyl-1-propenyl) -;

				enyl) tetrahydrofuran	methylprop-1-enyl) Tetrahydrofuran	
13, 091	3672		53833-30-0	4,5-Dimethyl-2-etiloksazol	4.5-Dimethyl-2-ethyloxazole	
13, 092	3673	11706	3208-16-0	2-ethylfuran	2-Ethylfuran	2-Ethyloxole;
13, 093	3674		94278-27-0	Ethyl 3- (2-furfuriltio) propionate	Ethyl 3- (2-furfurylthio) propionate	Ethyl beta-furfuryl alpha-thiopropionate; Ethyl beta-furfuryl-alpha-thiopropionate;
13, 094	3735	10976	7392-19-0	2,6,6-trimethyl-2-viniltetra-gidropiran	2,6,6-trimethyl-2-vinyltetrahydropyran	Bois de rose oxide;
13, 095	3743	11882	41239-48-9	2,5-Diethyl tetrahydrofuran	2.5-Diethyl-Tetrahydrofuran	Tetrahydrofuran, 2,5-diethyl-;Furan, 2,5-diethyltetrahydro-;
13, 096	3746	2214	5989-33-3	Linalool oxide B	5 (2-Hydroxyisopropyl) - 2-methyl-2-vinyltetrahydrofuran	Linalool oxide B (cis, 5-ring);
13,	375	1194	13679-8	Angidrolinalool	Anhydrolinalool	Anhydro linalool oxide;Dehydroxy linalool oxide; 2- (1-Methylene-ethyl)

097	9	4	6-2	oxide (5)	oxide (5)	-5-methyl-5-vinyltetrahydrofuran
13, 098	3774	10515	36431-72-8	Tiaspiran	Theaspirane	1-Oxaspiro-2,6,10,10-tetra-methyl [4.5] dec-6-ene-;2,6,10,10-Tetramethyl-1-oxaspiro [4.5] dec-6-ene
13, 099	3797		4166-20-5	4-Acetoxy-2,5 dimetilfuran-3 (2H) -one	4-acetoxy-2,5 dimethylfuran-3 (2H) -one	
13. 100		11941	13678-73-4	2-Acetyl-1-furfurilpirrol	2-Acetyl-1-furftirylpyrrole	
13, 101	4071		22940-86-9	2-Acetyl-3,5-dimethylfuran	2-ACETYL-3,5 Dimethylfuran	Ethanone, 1- (3,5-dimethyl-2-furanyl) -; Ketone, 3,5-dimethyl-2-furyl methyl; 3,5-Dimethyl-2-furyl methyl ketone
13, 103	4081	10927	4466-24-4	2 Butilfuran	2-Butylfuran	
13, 105	4083	11045	100113-53-9	2 Butirilfuran	2-Butyrylfuran	2-Furyl propyl ketone;
13, 106	4090	83469-85-6		2 Detsilfuran	2-Decylfuran	
13, 107	4095		64280-32-6	2.4 Difur-furilfuran	2,4-Difurfurylfuran	
13, 109		10931	17092-92-1	Digidroakti-nidiolid	Dihydroactinidiolide	2,2,6-Trimethyl-7-oxa-bicyclo [4.3.0] non-9-ene
13, 112		11379	53833-32-2	4,5-Dimethyl-2-propyloxazolo	4.5-Dimethyl-2-propyloxazole	
13,	403		55764-2	2,5-Dimethyl-3-	2.5-Dimethyl-3-	S- (2,5-Dimethyl-3-furyl) ethanethioate, Thioacetic acid S-

116	4		2-2	furantiolatsetat	furanthiol acetate	(2,5-dimethyl-furan-3-yl) ester
13, 117	4104		65330-49-6	2,5-Dimethyl-4-ethoxy-3 (2H) -furanone	2.5-Dimethyl-4-tthoxy-3 (2H) -furanone	3 (2H) -Furanone, 4-ethoxy-2,5-dimethyl-; 2,3-Dihydro-2,5-dimethyl-4-ethoxy-3-furanone;2,5-Dimethyl-2,3-dihydro-4-ethoxyfuran-3-one; 2,5-Dimethyl-4-ethoxy-2H-furan-3-one
13, 119		11066	14400-67-0	2,5-dimethylfuran-3 (2H) -one	2,5-Dimethylfuran- 3 (2H) -one	
13, 121		11870		7-Ethoxy-4-methylcoumarin	7-ethoxy-4-methylcoumarin	
13, 122		10588	614-99-3	Ethyl 2-furoate	Ethyl 2-furoate	
13, 123	4114	10940	6270-56-0	Ethyl furfuryl ether	Ethyl furfuryl ether	2- (Ethoxymethyl) furan;
13. 125		10942	1703-52-2	2-Ethyl-5-methylfuran	2-Ethyl-5-methylfuran	
13. 127		10643	13678-61-0	Furfuryl 2-methyl butyrate	Furfuryl 2-methylbutyrate	
13, 128	2490	2065	623-17-6	Furfuryl acetate	Furfuryl acetate	
13, 130		638	623-21-2	Furfuryl butyrate	Furfmyl butyrate	
13, 133		10641	6270-55-9	Furfuryl isobutyrate	Furfmyl isobutyrate	Furfuryl 2-methylpropanoate

13, 134	3284	2317	1438-94-4	1 Furfurilpirrol	1-Furfmylpyrrole	1-furfuryl-1H-pyrrole;
13, 136		10098	88-14-2	2-furoic acid	2-Furoic acid	2- Furancarboxylic acid
13, 137	3586	11928	65545-81-5	3- (2-furyl) -2-phenylprop-2-enal	3- (2-Fmyl) -2-phenylprop-2-enal	
13. 138	4120	11084	699-17-2	1- (2-furyl) butane-3-one	1- (2-Furyl) butan-3-one	4- (2-Furyl) butan-2-one;
13, 139		11112	67-47-0	5 Hydro ksimetilfurfurol	5-Hydro xymethymethylfurfuralde-Hyde	5- (Hydroxymethyl) -2-furaldehyde;
13. 140	3746	11876	1365-19-1	Linalool oxide (5-ring)	Linalool oxide (5-ring)	5- (1-hydroxy-1-isopropyl) -2-methyl-2-vinyl tetrahydrofuran
13. 142	3311	11547	13679-61-3	S-Methyl 2-furantiokarboksilat	S-Methyl 2-furanthiocarboxylate	Furoylthiomethane; Methyl thio-2-furoate;
13, 145		11522	13679-60-2	5-methyl sulfide metilfurfuril	Methyl 5-methylfurfuryl sulfide	
13,	417		15186-5	3-Methyl-2 (3-	3-Methyl-2- (3-	2- (3-Methyl-2-butenyl) -3-methylfuran,

148	4		1-3	methylbut-2-en-1-yl) furan	methylbut-2-enyl) - Furan	alpha-Naginatene;gamma-Clausenane; Rosefuran; Furan, 3-methyl-2-(3-methyl-2-butenyl) -
13, 150	4175		5555-90-8	3- (5-Methyl-2-furyl) prop-2-enal	3- (5-Methyl-2-foryl) Prop-2-enal	3- (5-Methylfuryl) acrolein; 1- (5-Methyl-2-furanyl) -1-propen-3-al;3-(5-Methyl-2-furanyl) -2-propenal; 5-Methyl-2-furanacrolein; 2-Propenal, 3-(5-methyl-2-furanyl) -
13, 151	3189	2287	65530-53-2	2-Methyl-3,5 and 6-(furfuriltio) pyrazine	2-Methyl-3.5 and 6-(furfurylthio) pyrazine	Methyl (furfurylthio) pyrazine (mixture of isomers);
13, 152	3949		63012-97-5	2-Methyl-3-(methylthio) furan	2-Methyl-3-(methylthio) Furan	Dimethylthiofurane;
13, 153	3973		55764-25-5	2-Methyl-3-furilgioatsetat	2-Methyl-3-foryl thioacetate	Ethanethioic acid, S- (2-methyl-3-furanil) ester, 3- (Acetylthio) -2-methylfuran; 3- (Acetylthio) -2-methylfuran,
13, 155		11158	10599-69-6	2-Methyl-5-propionilfuran	2-Methyl-5-propionylfuran	1- (5-methyl-2-furyl) propan-1-one;
13, 157	4176		3511-32-8	5-methyl-3 (2H) -furanone	5-Methyl-3 (2H) - furanone	3 (2H) -Furanone, 5-methyl-
13, 158		10964		2-Methyl THF	2-Methyl-Tetrahydrofuran	tetrahydro-2-methylfuran;
13.	378		57124-8	2-methyl	2-Methyl-	

160	7		7-5	tetrahydrofuran-3-thiol	tetrahydrofuran-3-thiol	
13, 161	3791		4430-31-3	Oktagidrokumarin	Octahydrocoumarin	Bicyclononalactone; Cyclohexyl lactone; Octahydro-2H-1-benzopyran-2-one; Octahydro-1 (2H) -benzopyran-2-one
13, 162		10965	4179-38-8	2 Oktilfuran	2-Octylfuran	
13, 163	4192		3194-17-0	2 Pentanoilfuran	2-Pentanoylfuran	1- (2-Furanyl) -1-pentanone;Butyl 2-foryl ketone; 1-Pentanone, 1- (2-furanyl) -; 1-Pentanone, 1- (2-furyl) -
13, 164		10971		2 Propilfuran	2-Propylfuran	
13, 165	3822		5552-30-7	6,7,8,8a-tetrahydro-2,5,5,8a-tetramethyl-5H-1-benzopyran	6,7,8,8a-Tetrahydro-2,5,5,8a-tetramethyl-5H-1-benzopyran	Cycloionone
13, 166	3055	2069	637-64-9	Tetrahydro-furfuryl acetate	Tetrahydrofurfuryl acetate	
13, 169		11424	20662-84-4	Trimetiloksazol	Trimethyloxazole	2,4,5-trimethyloxazole;
13, 175	4070		22940-86-9	4-Acetyl-2,5-dimethyl-3 (2H) -	4 Acetyl-2,5-dimethyl-3 (2H)	3 (2H) -Furanone, 4-acetyl-2,5-dimethyl-

				furanone	- Furan	
13, 187		1097 0		2-Propionyl-3- methyl-furan	2-Propionyl-3- methyl-Furan	
13, 188	318 9		59303-0 7-0	2-Methyl-3- furfuriltiopirazin	2-Methyl-3- furfurylthiopyraz ine	
13, 190	405 6		61295-4 4-1	3 - [(2-methyl-3- furyl) thio] -2- butanone	3 - [(2-Methyl-3- furyl) thio] -2- butanone	2-Butanone, 3 - [(2-methyl-3-furanyl) thio] -; 3 - [(2-Methyl-3-furyl) sulfanyl] -2-butanone; 3 - [(2-Methyl-3 -furanyl) sulfanyl] -2-butanone; 3-(2-Methyl-3-furylthio) -2-butanone
13, 191	404 3		376595- 42-5	O-Ethyl S- (2- furylmethyl) thiocarbonate	O-Ethyl S (2- forylmethyl) thiocarbonate	O-Ethyl S- (furan-2-ylmethyl) thiocarbonate; O-Ethyl S- (2-furanylmethyl) thiocarbonate;Carbonothioic acid, O-ethyl S- (2-furanylmethyl) ester;
13. 193	397 1		26486-2 1-5	2.5 Dimetiltetragidro -3-furantiol	2,5 Dimethyltetrahyd ro -3-furanthiol	O-Ethyl S- (2-furanylmethyl) carbonothioate; Ethoxy carbonyl furfurylthiol
13, 194	397 2		252736- 39-3	2.5 Dimetiltetragidro -3-furiltioatsetat	2.5-Dimethyltetra hydro -3-furylthioacetat e	
13, 196	384 0		180031- 78-1	4- (Furfuriltio) pentan-2-one	4- (Furfurylthio) pentan-2-one	

13, 197	3979		252736-36-0	Furyl propildisulfid	Furyl propyldisulfide	
14, 001	2978	487	119-65-3	Isoquinoline	Isoquinoline	2-Azanaphthalene; 2-Benzazine;3,4-Benzopyrine; BenzoPyrine;
14, 002		488	491-35-0	4-Methylquinolin	4-Methylquinoline	Lepidine;
14, 003	2909	492	94-62-2	Piperine	Piperine	1-Piperoylpiperidine;Piperoylpiperidine; 1- (5-(3,4-Methylenedioxyphenyl) -1-oxo-2,4-pentadienyl) piperidine
14, 004	3019	493	83-34-1	W-methylindole	3-Methylindole	Skatole; 3-Methyl-4,5-benzopyrrole; Beta-Methylindole;
14, 005	3136	534	15707-24-1	2,3-Dietilpirazin	2,3-Diethylpyrazine	
14, 006	3155	548	15707-23-0	2-Ethyl-3-methylpyrazin	2-Ethyl-3-methylpyrazine	
14, 007	2593	560	120-72-9	Indole	Indole	Benzopyrrole; 1-benzazole; 1-Benzazole; 1-BenzoPyrrole; 2,3-Benzopyrrole;
14, 008	2966	604	110-86-1	Pyridine	Pyridine	Azine; Azabenzene;
14, 010	2908	675	110-89-4	Piperidine	Piperidine	Hexahydropyridine; Hexazana;Pentamethylenimine;
14, 011	2976	715	130-89-2	Quinine hydrochloride	Quinine hydrochloride	Quinine chloride; Quinine monohydrochloride;
14,	333	720	36267-7	Ditidro 5,7-2-	5.7-Dihydro-2-	

014	8		1-7	methylthieno (3,4 D) pyrimidine	methylthieno (3,4 D) pyrimidine	
14, 015	3321	721	34413-35-9	5,6,7,8-tetrahydronaphthalene gidrohinoksalin	5,6,7,8-Tetra-hydroquinoxaline	Cyclohexapyrazine;Tetrahydroquinoxaline;
14, 016	3149	727	27043-05-6	2,5-Dimethyl-3-ethyl pyrazine	2.5-Dimethyl-3-ethylpyrazine	
14, 017	3154	728	13360-64-0	2-Ethyl-5-methylpyrazin	2-Ethyl-5-methylpyrazine	2-Methyl-5-ethyl pyrazine; 2-Methyl-5-ethylpyrazine;
14, 018	3237	734	04/11/1124	2,3,5,6-tetramethylpyrazine	2,3,5,6 Tetramethylpyrazine	
14, 019	3244	735	14667-55-1	2,3,5 Trimetilpirazin	2,3,5 Trimethylpyrazine	
14, 020	3272	2210	123-32-0	2,5-dimethylpyrazine	2,5-Dimethylpyrazine	2,5-Dimethyl-1,4-diazine;Glycoline; Ketine; 2,5-Dimethyl-1,4-diazine; 2,5-Dimethylparadiazine; 2,5-Dimethylpiazine;
14, 021	3273	2211	108-50-9	2,6-dimethylpyrazine	2,6-Dimethylpyrazine	2,6-Dimethyl-1,4-diazine; 2,6-Dimethyl-1,4-diazine; 2,6-Dimethylparadiazine; 2,6-Dimethylpiazine;
14, 022	3281	2213	13925-00-3	Ethyl pyrazine	Ethylpyrazine	2-Ethyl pyrazine; 2-Ethyl-1,4-diazine; 2-Ethyl-1,4-diazine;
14,		2217	96-54-8	1-methylpyrrole	1-Methylpyrrole	N-Methylpyrrole;

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14, 024	3150	2245	13925-07-0	2-Ethyl-3,5-dimethylpyrazine	2-Ethyl-3,5 dimethylpyrazine	2,6-Dimethyl-3-ethylpyrazine;
14. 025	3183	2266	63450-30-6	2,5 or 6-methoxy-3-methyl pyrazin	2,5 or 6-Methoxy-3-methylpyrazine	Methylmethoxypyrazine;
14, 026	3554	2268	13925-05-8	2-Isopropyl-5-methylpyrazin	2-Isopropyl-5-methylpyrazine	5-Isopropyl-2-methylpyrazine; 2-Methyl-5-isopropylpyrazine;
14, 027	3309	2270	109-08-0	2-methylpyrazin	2-Methylpyrazine	2-Methyl-1,4-diazine;
14, 028	3203	2271	13708-12-8	5-ling Metilhinoksa	5-Methylquinoxaline	
14, 029	3727	2277	65504-93-0	Phenyl-1 (3 or 5) -propilpirazol	1-Phenyl- (3 or 5) -propylpyrazole	1-Phenyl-3 or 5-propyl-1,2-diazole;
14, 030	3232	2279	2044-73-7	2-pyridine methanethiol	2-Pyridine methanethiol	2-Mercaptomethylpyridine; 2-Pyridylmethanethiol; 2-Pyridylmethyl mercaptan;
14, 031	3230	2285	35250-53-4	Pirazinetantiol	Pyrazineethanethiol	2-Pyrazinylethanethiol; Pyrazinyl ethanethiol;
14, 032	3126	2286	22047-25-2	Acetylpyrazine	Acetylpyrazine	2-Acetylpyrazine; Methyl pyrazinyl ketone;
14, 034	3231	2288	21948-70-9	Pyrazine methyl sulfide	Pyrazinyl methyl sulfide	2-Methylthiopyrazine;Pyrazinylmethyl methyl sulphide;(Methylthio) pyrazine

14,035	3208	2290	67952-65-2	2-Methyl-3,5 or 6-metiltiopirazin	2-Methyl-3,5 or 6-methylthiopyrazine	Methyl (methylthio) pyrazine (mixture of isomers);
14,037	3306	2314	23747-48-0	6,7-Dihydro-5-methyl-5H-tsiklopentapirazin	6.7-Dihydro-5-methyl-5H-cyclopentapyrazine	
14,038	3251	2315	1122-62-9	2-acetylpyridine	2-Acetylpyridine	Methyl-2-pyridyl ketone; 2-Acetopyridine;
14,039	3424	2316	350-03-8	3-acetyl	3-Acetylpyridine	beta-Acetylpyridine; Methyl 3-pyridyl ketone; Methyl Beta-Pyridyl ketone; Methyl pyridyl ketone;
14,041	3386	2318	109-97-7	Pyrrol	Pyrrole	Azole; Divinyleneimine; Imidole;
14,042	2744	2339	91-62-3	6-Methylquinolin	6-Methylquinoline	p-Methylquinoline; p-Toluquinoline;
14,043	3132	11338	24683-00-9	2-isobutyl-3-methoxypyrazine	2-Isobutyl-3-methoxypyrazine	2-Butyl-3-methoxypyrazine; 2-Methoxy-3-isobutyl pyrazine;
14,044	3133		13925-06-9	2-Isobutyl-3-methylpyrazin	2-Isobutyl-3-methylpyrazine	2-Butyl-3-methylpyrazine; 2-methyl-3-isobutylpyrazine; 2-(2-Methylpropyl) -3-methylpyrazine
14,045	3147	11371	39741-41-8	2-Acetyl-1-ethylpyrrole	2-Acetyl-1-ethylpyrrole	1-Ethyl-2-acetylazole;
14,046	3184	11373	932-16-1	2-acetyl-1-methylpyrrole	2-Acetyl-1-methylpyrrole	1-Methylpyrrol-2-yl methyl ketone; 2-Acetyl-n-methyl pyrrol;Methyl 1-methylpyrrol-2-yl ketone;

14, 047	3202	11721	1072-83-9	2-acetylpyrrole	2-Acetylpyrrole	Methyl-2-pyrrolyl ketone; 2-Acetopyrrole; 2-Pyrrolyl methyl ketone;
14, 049	3250	11293	32974-92-8	2-Acetyl-3-ethyl pyrazine	2-Acetyl-3-ethylpyrazine	2-Ethyl-3-pyrazinyl methyl ketone; 2 3-Acetyl-ethyl-1,4-diazine;
14. 050	3271	11323	5910-89-4	2,3-dimethylpyrazine	2,3-Dimethylpyrazine	2,3-Dimethyl-1,4-diazine;
14, 051	3280	11329	68739-00-4	2,5 or 6-methoxy-3-ethyl pyrazine	2,5 or 6-Methoxy-3-ethylpyrazine	3-Ethyl- (5 or 6) -methoxypyrazine; 5 or 6-Methoxy-3-ethyl-pyrazine; 2,5 or 6-methoxy-3-ethylpyraxine;
14, 052	3296	11341	38713-41-6	Izopropenilpirazin	Isopropenylpyrazine	2-Isopropenyl-1,4-diazine; (1-Methylene-ethyl) pyrazine
14, 053	3299	11502	59021-02-2	Merkaptometil-pyrazine	Mercaptomethyl-pyrazine	Pyrazine methanethiol;
14, 054	3302	11347	3149-28-8	Methoxypyrazine	Methoxypyrazine	2 Methoxy-1,4-diazine;
14, 055	3327	11294	54300-08-2	2-Acetyl-3,5-dimethylpyrazine	2-Acetyl-3,5 dimethylpyrazine	
14, 056	3336	11303	18138-04-0	2,3-Diethyl-5-methylpyrazin	2.3-Diethyl-5-methylpyrazine	
14, 057	3358	11344	25773-40-4	2-Isopropyl-3-methoxypyrazine	2-Isopropyl-3-methoxypyrazine	
14,	337	1139	6304-24-	2 Izobutilpiridin	2-Isobutylpyridin	2-ButylPyridine; 2- (2-Methylpropyl) pyridine

058	0	5	1		e	
14, 059	337 1	1139 6	14159-6 1-6	3 Izobutilpiridin	3-Isobutylpyridin e	3-ButylPyridine; 3- (2-Methylpropyl) pyridine
14, 060	338 3	1141 2	2294-76- 0	2-pentylpyridine	2-Pentylpyridine	2-Amylpyridine;
14, 061	339 4	1138 6	536-78-7	3-ethylpyridine	3-Ethylpyridine	Beta-Ethylpyridine; Beta-Lutidine;
14, 062	343 3	1130 0	24168-7 0-5	2- (sec-Butyl) -3- methoxypyrazin	2- (sec-Butyl) -3- methoxypyrazine	2-But-2-yl-3-methoxypyrazine; 2-Methoxy-3-sec-Butylpyrazine; 2-(1-Methylpropyl) -3 -methoxypyrazine
14, 063	347 0	1136 4	91-22-5	Quinoline	Quinoline	1-Benzazine; 2,3-Benzopyrine;Benzopyrine; Chinolein;Leucoline; 1-Azane phthalene;Leucol; 2,3-Benzopyridine
14, 064	352 3	1049 1	123-75-1	Pyrrolidine	Pyrrolidine	Tetramethylenimine;Tetrahydropyrrole
14, 065	354 0	1138 1	108-48-5	2,6-dimethylpyridin e	2,6-Dimethylpyri dine	2,6-Lutidine;
14, 066	354 6	1138 5	104-90-5	5-Ethyl-2- methylpyridine	5-Ethyl-2- methylpyridine	5-Ethyl-2-picoline; 2-Methyl-5-ethylpyridine;
14, 067	356 9	1192 1	32737-1 4-7	2-Methyl-3,5 or 6-etoksipirazin	2-Methyl-3,5 or 6-ethoxypyrazine	
14, 068	361 4	1194 2	1073-26- 3	2 Propionilpirrol	2-Propionylpyrro le	Ethyl 2-pyrrolyl ketone;
14,	363		28217-9	Cyclohexyl-	Cyclohexyl-	2-Pyrazine cyclohexyl methyl; 2-Pyrazinyl cyclohexyl methyl;

069	1		2-7	methylpyrazin	methylpyrazine	
14.070	3654		67860-38-2	4-Acetyl-2-methylpyrimidine	4-Acetyl-2-methylpyrimidine	Ethanone, 1- (2-methyl-4-pyrimidinyl) -;
14,071	3709		93-60-7	Methyl nicotinate	Methyl nicotinate	3-Carbomethoxypyridine; Methyl 3-pyridinecarboxylate
14,072	3751		2110-18-1	2- (3-phenylpropyl) pyridine	2-(3-Phenylpropyl) pyridine	
14,076	3183	2266	2847-30-5	2-methoxy- (3,5 or 6) -metilpirazin	2-Methoxy- (3,5 or 6) -methylpyrazine	
14,077	3280	11329	68739-00-4	2-Ethyl (3,5 or 6) -metoksipirazin (85%) and 2-methyl- (3,5 or 6) - methoxypyrazine (13%)	2-Ethyl- (3,5 or 6) - methoxypyrazine (85%) and 2-Methyl- (6 or 3.5) - methoxypyrazine (13%)	
14,078	3358	11344	93905-03-4	2-isopropyl- (5 or 6) - methoxypyrazine	2-Isopropyl- (5 or 6) - methoxypyrazine	

14, 080	4249		99583-29-6	2-acetyl-1-pyrroline	2-Acetyl-1-pyrroline	
14, 082	3964	11296	23787-80-6	2-Acetyl-3-methylpyrazin	2-Acetyl-3-methylpyrazine	
14, 084		11297	22047-27-4	2-Acetyl-5-methylpyrazin	2-Acetyl-5-methylpyrazine	
14, 086		11295	34413-34-8	2-Acetyl-6-ethyl pyrazine	2-Acetyl-6-ethylpyrazine	
14, 087		11298	22047-26-3	2-Acetyl-6-methylpyrazin	2-Acetyl-6-methylpyrazine	
14, 095	3916	11305	18138-05-1	3,5-Diethyl-2-methylpyrazin	3.5-Diethyl-2-methylpyrazine	2,6-Diethyl-3-methylpyrazine;
14, 096	3915	11304	32736-91-7	2,5-Diethyl-3-methylpyrazin	2.5-Diethyl-3-methylpyrazine	
14, 097		11306	13238-84-1	2.5 Dietilpirazin	2,5-Diethylpyrazine	
14, 098	3917	11309	38917-62-3	6,7-dihydro-2,3-dimethyl-5H tsiklopentapirazin	6.7-Dihydro-2,3-dimethyl 5H-cyclopentapyrazine	
14. 100	3149	727	55031-15-7	3, (5- or 6-) 2- dimethyl-ethyl pyrazine	3, (5- or 6-) Dimethyl-2-ethylpyrazine	2, (5 or 6) -Dimethyl-3-ethylpyrazine; 2-Ethyl-3,5 (6) -dimethyl pyrazine; 3-Ethyl-2,5 (6) -dimethyl pyrazine;

14, 101		11318	40790-20-3	2,5-Dimethyl-3-izopropilpirazin	2.5-Dimethyl-3-isopropylpyrazine	
14, 104	4389		108-47-4	2,4-dimethylpyridine	2,4-Dimethylpyridine	
14, 106		11382	591-22-0	3,5-dimethylpyridine	3,5-Dimethylpyridine	
14, 107		11383	625-84-3	2,5-Dimethylpyrrole	2,5-Dimethylpyrrole	2,5-dimethyl-1H-pyrrole;
14, 109	3569	11325	32737-14-7	2-Ethoxy-3-methylpyrazin	2-ethoxy-3-methylpyrazine	
14, 111	3149	2246	13360-65-1	3-ethyl-2,5-dimethylpyrazine	3-Ethyl-2,5 dimethylpyrazine	
14, 112	3280	11329	25680-58-4	2-Ethyl-3-methoxypyrazine	2-Ethyl-3-methoxypyrazine	
14, 114	3919	11331	13925-03-6	2-Ethyl-6-methylpyrazin	2-Ethyl-6-methylpyrazine	2-Methyl-6-ethylpyrazine; 6-Methyl-2-ethylpyrazine;
14, 115		11767	100-71-0	2-ethylpyridine	2-Ethylpyridine	
14, 116		11387	536-75-4	4-ethylpyridine	4-Ethylpyridine	
14, 121	3358	11344	93905-03-4	2-isopropyl- (3,5 or 6) -	2-Isopropyl- (3,5 or 6)	

				methoxypyrazine	-methoxypyrazine	
14, 122		11342	67952-59-4	2-Isopropyl-3-metiltiopirazin	2-Isopropyl-3-methylthiopyrazine	2- (1-methylethyl) -3- (methylthio) pyrazine
14, 123	3940	11343	29460-90-0	Izopropilpirazin	Isopropylpyrazine	(2-Methylpropyl) pyrazine
14, 124		11400	644-98-4	2-isopropylpyridine	2-Isopropylpyridine	
14, 126	3183	2266	2847-30-5	2-methoxy-3-methylpyrazin	2-Methoxy-3-methylpyrazine	2-Methyl-3-methoxypyrazine;
14, 133	4244		109-05-7	2-Methylpiperidine	2-Methylpiperidine	2- Pipecoline; (+/-) - Alpha- Pipecoline; (+/-) - 2-Methylpiperidine; alpha-Methylpiperidine; alpha-Pipecoline; DL-2-Methylpiperidine
14, 134		11415	109-06-8	2-methylpyridine	2-Methylpyridine	alpha-Picoline; 2-Picoline;
14, 135		11801	108-99-6	3-methylpyridine	3-Methylpyridine	beta-Picoline; 3-Picoline;
14, 136		11416	108-89-4	4-methylpyridine	4-Methylpyridine	gamma-Picoline; 4-Picoline;
14, 138		11358	91-63-4	2-Methylquinolin	2-Methylquinoline	Quinaldine;
14,	425		110-85-0	Piperazine	Piperazine	1,4-Diazocyclohexane; 1,4-Piperazine; Antiren;

141	0					Diethylenediamine; Dispermine;Eraverm; Hexahydropyrazine;Lumbrical; Piperizidine; Pipersol;Pyrazine hexahydride; Uvilon;Vermex; Worm-a-Ton;Wurmirazin
14, 142	3961	11362	18138-03-9	Propilpirazin	Propylpyrazine	2-Proylpyrazine
14, 143		11419	4673-31-8	3-propylpyridine	3-Propylpyridine	
14, 144	4015	11363	290-37-9	Pyrazine	Pyrazine	
14, 145		11393	1003-29-8	Pyrrole-2-carbaldehyde	Pyrrole-2-carbaldehyde	2-Formylpyrrole;
14, 147		11365	91-19-0	Quinoxaline	Quinoxaline	1,4-Benzodiazine;
14, 152	2977	717	6119-70-6	Quinine sulfate	Quinine sulphate	
14, 161		11310		6,7-dihydro-2,5-dimethyl-5H tsiklopentapirazin	6.7-Dihydro-2,5-dimethyl 5H-cyclopentapyrazine	
14, 164	4065		622-39-9	2-propylpyridine	2-Propylpyridine	Conyrine, 2-n-Propylpyridine, 1- (2-Pyridyl) propane

15.001	3062	478	7774-74-5	2 Merkaptotiofen	2-Mercaptothiophene	2-Thionyl mercaptan; 2-Thiophenethiol;
15.002	3192	736	38205-64-0	2-Methyl-5-	2-Methyl-5-	5-Methoxy-2-methylthiazole;

				metoksitiazol	methoxythiazole	
15.004	3209	2203	13679-70-4	5-Methyl-2-thiophene carboxaldehyde	5-Methyl-2-thiophene-carbaldehyde	2-Formyl-5-methylthiophen;2-Thiophene carboxaldehyde, 5-methyl; 2-Thiophenecarbaldehyde, 5-methyl-;
15,005	3145	2237	65505-18-2	2,4-Dimethyl-5-vinylthiazole	2.4-Dimethyl-5-vinylthiazole	
15,006	3450	2322	55704-78-4	2,5-dihydroxy-2,5-dimethyl-1,4-dithiane	2.5-dihydroxy-2,5 -dimethyl 1,4 dithiane	2,5-Dimethyl-2,5-dihydroxy-p-dithiane;
15,007	3270	2325	38325-25-6	spiro (2,4-dithia-1-methyl-8-oxa-bicyclo [3.3.0] octane-3,3 '- (1'-oxa-2'-methyl) - cyclopentane) and spiro (dithia-6-methyl-7-oxa-bicyclo [3.3.0] octane-3,3 '- (1'-oxa-2-methyl) cyclopentane)	spiro (2.4-Dithia-1-methyl-8-oxa-bicyclo [3.3.0] octane-3.3 '- (1'-oxa-2'-methyl) - cyclopentane) and spiro (Dithia-6-methyl-7-oxa-bicyclo [3.3.0] octane-3.3 '- (1'-oxa-2-methyl) cyclopentane)	Spiro [dithia-6-methyl-7-oxabicyclo [3.3.0] octane-3,3alpha- (1alpha-oxa-2-methyl) cyclopentane] (isomere component);
15,008	3323	2333	6911-51-9	2-Thienyl disulfide	2-Thienyl disulfide	2,2-Dithiodithiophene;2,2alpha-Dithiodithiophene;
15,009	3475	2334	828-26-2	Tritioatseton	Trithioacetone	2,2,4,4,6,6-Hexamethyl-s-Trithiane; 2,2,4,4,6,6-Hex

						amethyl-1,3,5-trithiane
15,010	3817	2335	29926-41-8	2-Acetyl-2-thiazoline	2-Acetyl-2-thiazoline	Acetyl thiazoline-2; 2-Acetyl-4,5-dihydrothiazole;
15.011	3267	2336	38205-60-6	5-Acetyl-2,4-dimethylthiazol	5-Acetyl-2,4 dimethylthiazole	2,4-Dimethyl-5-acetylthiazole; 2,4-Dimethyl-5-thiazoyl methyl ketone;
15,012	3266	2337	09/04/1003	Digidrotiofen- 4,5-3 (2H) -one	4,5-Dihydrothiophen-3 (2H) -one	3-Tetrahydrothiophenone; 3-Thiophenone;Tetrahydrothiophen-3-one;Dihydrothiophenone;
15,013	3134	11618	18640-74-9	2 Izobutiltiazol	2-Isobutylthiazole	Thiazole, 2-isobutyl; 2- (2-Methylpropyl) thiazole
15,014	3204	11621	137-00-8	5- (2-Hydroxyethyl) -4-methylthiazole	5- (2-Hydroxyethyl) -4-methylthiazole	4-Methyl-5-thiazole ethanol;Sulfurol; 5-Thiazoleethanol, 4-methyl-;
15,015	3205	11620	656-53-1	4-Methyl-5- (2-acetoxyethyl) thiazole	4-Methyl-5- (2-acetoxyethyl) thiazole	4-Methyl-5-thiazoleethanol acetate; 5-Thiazoleethanol, 4-methyl-, acetate;
15,016	3256	11594	95-16-9	Benzothiazole	Benzothiazole	
15,017	3274	11606	3581-91-7	4,5-dimethylthiazol	4,5-Dimethylthiazole	
15,018	3313	11633	1759-28-0	4-Methyl-5-vinylthiazole	4-Methyl-5-vinylthiazole	Thiazole, 4-methyl-5-vinyl;
15,019	3325	11650	13623-11-5	2,4,5 Trimetiltiazol	2,4,5 Trimethylthiazole	
15,020	3328	11726	24295-03-2	2-Acetyl	2-Acetylthiazole	Methyl-2-thiazoyl ketone;Ethanone, 1- (2-thiazolyl) -;2-Thiazolyl methyl ketone;
15,021	3340	11611	15679-19-3	2 Etoksitiazol	2-Ethoxythiazole	2-Thiazolyl ethyl ether; Ethyl 2-thiazolyl ether;
15,022	3372	11598	18277-27-5	2- (sec-Butyl)	2- (sec-Butyl)	2-But-2-ylthiazole; Thiazole, 2-sec-butyl-; 2-

				-thiazol	thiazole	(1-Methylpropyl) thiazole
15,023	3512	11601	13679-85-1	4,5-Dihydro-2-methylthiophene- 3 (2H) -one	4.5-Dihydro-2-methylthiophene-3 (2H) -one	2-Methyltetrathiophen-3-one;2-Methyl-4,5-3-thiophenone;2-Methylthiolan-3-one;Dihydrothiophenone-3 (2H), 2-methyl-;
15,024	3527	11603	10/01/2530	3-Acetyl-2,5 dimetiltiofen	3-Acetyl-2,5 dimethylthiophene	2,5-Dimethyl-3-thienyl methyl ketone; Ethanone, 1-(2,5-dimethyl-3-thienyl) -;
15,025	3541	11883	23654-92-4	3,5-Dimethyl -1,2,4 tritiolan	3.5 Dimethyl--1,2,4-trithiolane	
15,026	3555		15679-13-7	2-Isopropyl-4-methylthiazole	2-Isopropyl-4-methylthiazole	Thiazole, 2-isopropyl-4-methyl-;
15,027	3611		43039-98-1	2-propionyl	2-Propionylthiazole	Thiazole, 2-propionyl-;
15,028	3615	11642	288-47-1	Thiazole	Thiazole	
15,029	3619		65894-82-8	2- (sec-butyl) -4,5-dimethyl-3-thiazoline	2- (sec-Butyl) -4,5 dimethyl-3-thiazoline	2,5-Dihydro-4,5-dimethyl-2-but-2-ylthiazole; 2-(1-Methylpropyl) -4,5-dimethyl-3-thiazoline
15.030	3620		76788-46-0	4,5-Dimethyl-2-ethyl-3-thiazoline	4.5-Dimethyl-2-ethyl-3-thiazoline	2-Ethyl-4,5-dimethyl-3-thiazoline;
15,032	3621		65894-83-9	4,5-Dimethyl-2-isobutyl-3-thiazoline	4.5-Dimethyl-2-Isobutyl-3-thiazoline	4,5-Dimethyl-2- (2-methylpropyl) -3-thiazoline;3-Thiazoline, 4,5-dimethyl-2-(2-methylpropyl) -;
15,033	3680	11612	15679-12-6	2-Ethyl 4-methylthiazole	2-Ethyl 4-methylthiazole	
15,034	3705		5616-51-3	2-Methyl-1,3-	2-Methyl-1,3	

				dithiolane	dithiolane	
15,035	3716	11627	693-95-8	4-Methylthiazole	4-Methylthiazole	
15,036	3718		43040-01-3	3-Methyl-1,2,4-trithiane	3-Methyl-1,2,4 trithiane	
15,037		11590	13679-72-6	2-Acetyl-3-methylthiophene	2-Acetyl-3-methylthiophene	1- (3-methyl-2-thienyl) ethan-1-one ?;
15,038		11589	7533-07-5	2-Acetyl-4-methylthiazole	2-Acetyl-4-methylthiazole	
15,040		11728	88-15-3	2-acetylthiophene	2-Acetylthiophene	Methyl 2-thienyl ketone;
15,043		11596	54411-06-2	2-Butyl-5-ethylthiophene	2-Butyl-5-ethylthiophene	
15,044		11597	37645-61-7	2-butylthiazolo	2-Butylthiazole	
15,049	4030		54644-28-9	3,5-Diethyl -1,2,4 tritiolan	3,5-Diethyl-1,2,4-trithiolane	1,2,4-Trithiolane, 3,5-diethyl-, (+/-)
15,057	3782		104691-40-9	4,6-Dimethyl-2-(1-methylethyl) dihydro-1,3,5-dithiazine	4.6-Dimethyl-2-(1-methylethyl) Dihydro-1,3,5-dithiazine	2 (4) -Isopropyl-4 (2) 6-dimethyldihydro-4H-1,3,5-dithiazine;
15,062		11605	541-58-2	2,4-dimethylthiazol	2,4-Dimethylthiazole	
15,063	4035		4175-66-0	2,5-dimethylthiazol	2,5-Dimethylthiazole	
15,064		11609	638-02-8	2.5 Dimetiltiofen	2,5-Dimethylthiophene	Thiazole, 2,5-dimethyl-
15,066	3831		505-29-3	1,4-dithiane	1,4-Dithiane	p-Dithiane; 1,4-Dithiocyclohexane; 1,4-Dithiin, tetrahydro-;Diethylene disulfide;

15,068	4388		19961-52-5	5-Ethyl-2- methylthiazole	5-Ethyl-2-methylthiazole	
15,072		11614	505-29-3	2-ethylthiophene	2-Ethylthiophene	
15,076	4137	11616	18794-77-9	2 Geksiltiofen	2-Hexylthiophene	
15,078		11617	53498-32-1	2-isobutyl-4,5-dimethylthiazol	2-Isobutyl-4,5 dimethylthiazole	4.5-Dimethyl-2- (2-methylpropyl) thiazole
15,079	3781		101517-87-7	Izobutildigidro- 2-4,6-dimethyl-1,3,5-dithiazine	2-Isobutyldihydro-4.6-dimethyl-1,3,5 dithiazine	2 (4) -Isobutyl-4 (2) 6-dimethyldihydro-4H-1,3,5-dithiazine; 2-(2-Methylpropyl) dihydro-4,6-dimethyl-1,3,5-dithiazine
15,081		11619	292-46-6	Lentionin	Lenthionine	1,2,3,5,6-Pentathiacycloheptane
15,085		11622	13679-83-9	4-Methyl-2-propionyl	4-Methyl-2-propionylthiazole	
15,089		11626	3581-87-1	2-Methylthiazole	2-Methylthiazole	
15,091		11631	554-14-3	2-methylthiophene	2-Methylthiophene	
15,092		11632	616-44-4	3-methylthiophene	3-Methylthiophene	
15,096		11634	4861-58-9	sec-Pentiltiofen	SEC Pentylthiophene	1-Methylbutylthiophene
15,097		11635	13679-75-9	2 Propioniltiofen	2-Propionylthiophene	2-Propanoylthiophene;
15.105		11580		1- (2-thienyl) ethan-1-thiol	1- (2-Thienyl) ethane-1-thiol	1- (2-Thienyl) ethylmercaptan;
15,106		11647	110-02-1	Thiophene	Thiophene	
15,107		11874	03/03/98	Thiophene-2-	Thiophene-2-	2-Formylthiophene;

				carbaldehyde	carbaldehyde	
15.109	4018	11649	638-17-5	2,4,6 Trimetildigidro-1,3,5 (4H) -ditiazin	2,4,6 Trimethyldihydro-1,3,5 (4H) -dithiazine	Thialdine;
15,113	4017		74595-94-1	2,4,6-triisobutyl 5,6-dihydro-4H-1,3,5- dithiazine	2,4,6-Triisobutyl-5.6-Dihydro-4H-1,3,5-dithiazine	
16,001	2054	464	7563-33-9	Ammonium isovalerate	Ammonium isovalerate	Isovaleric acid, ammonium salt; Ammonium 3-methylbutanoate; Butanoic acid, 3-methyl-, ammonium salt; Ammonium 3-methylbutanoate
16,002	2053	482	12135-76-1	Diammonium sulfide	Diammonium sulfide	Ammonium monosulfide;
16,006	2787	590	2444-46-4	N-Nonanoyl 4-hydroxy-3-metoksibenzilamid	N-Nonanoyl 4-hydroxy-3-methoxybenzylamide	Pelargonyl vanillylamide; N- (4-Hydroxy-3-methoxybenzyl) nonanamide; n-Nonanoyl vanillylamide;
16,007	3779	647	7783-06-4	Hydrogen sulfide	Hydrogen sulfide	
16,009		739	7664-41-7	Ammonia	Ammonia	
16,012	2528	2221	1405-86-3	Glycyrrhizic acid	Glycyrrhizic acid	Glycyrrhizin;
16,013	3455	2298	39711-79-0	N-Ethyl-2-isopropyl-5-methylcyclohexane carboxamide	N-Ethyl-2-isopropyl-5-methylcyclohexane carboxamide	N-Ethyl-p-menthane-3-carboxamide;
16,015	2444	6002 (2) / 11949	77-83-8	Ethyl methyl fenilglitsidat	Ethyl methyl-phenylglycidate	Ethyl alpha, beta-epoxy-beta-methylphenylpropionate;Strawberry aldehyde;Aldehyde C-16; Ethyl

						2,3-epoxy-3-methyl-3-phenylbutanoate
16,016	2224	11741	02/08/58	Caffeine	Caffeine	1,3,7-trimethyl-2,6-dioxopurine
16,017	2446	11869	109-95-5	Ethyl nitrite	Ethyl nitrite	Nitrous ether;
16,018	2454	11844	121-39-1	Ethyl 3-phenyl-2,3 epoksipropionat	Ethyl 3-Phenyl-2,3 epoxypropionate	Ethyl alpha, beta-epoxy-alpha-phenylpropionate;Ethyl 3-phenylglycidate;
16,027	3322	10493	03/08/67	Thiamine hydrochloride	Thiamine hydrochloride	Vitamin B1; 3 - ((4-amino-2-methyl-5-pyrimidinyl) methyl) - 5- (2-hydroxyethyl) -4-methylthiazolium chloride
16,030	3578	11540	67715-80-4	2-Methyl-4-propyl-1,3-oxathiane	2-Methyl-4-propyl-1.3-oxathiane	1,3-Oxathiane, 2-methyl-4-propyl; -;
16,032	3591		83-67-0	Theobromine	Theobromine	3,7-Dihydro-3,7-dimethyl-1h-purine-2,6-dione; 3,7-Dimethylxanthine; 1H-purine-2,6-dione, 3,7-dihydro-3,7-dimethyl; 3,7-Dihydro-3,7-dimethyl-1H-purine-2,6-dione
16,039	3752			Potassium 2-(1'-ethoxy) ethoxypropanoate	Potassium 2-(1' ethoxy) ethoxypropanoate	
16,040	3757	11707	74367-97-8	Ethyl 2,3-epoxy-3-methyl-3-n tolilpropionat	Ethyl 2.3-epoxy-3-methyl-3-p-tolylpropionate	Ethyl methyl-p-tolylglycidate;Ethyl methyl-p-methylphenylglycidate; Ethyl 2,3-epoxy-3- (4-methylphenyl) butanoate
16,041	3773		13794-15-5	Sodium 2-(4- methoxyphenoxy) pr	Sodium 2-(4- methoxyphenoxy) pr	

				opionate	opionate	
16,042	4084	10501	18383-49-8	5,6-carvone oxide	Carvone-5,6-oxide	5,6-Epoxy-p-menth-8-en-2-one
16,043	4085	10500	1139-30-6	beta-caryophyllene epoxide	beta-Caryophyllene epoxide	beta-Caryophyllene oxide;4,5-Epoxy-4,12,12-trimethyl-8-methylene-bicyclo [8.2.0] dodecane
16,044	4199	10508	35178-55-3	Piperitenon oxide	Piperitenone oxide	1,2-Epoxy-p-menth-4 (8) -en-3-one
16,049	4252		541-35-5	-butyramide	Butyramide	Butyramide; Butanimidic acid; n-Butylamide
16,051	4109		38284-11-6	Epoksioksaforon	Epoxyoxophorone	7- Oxabicyclo [4.1.0] heptane- 2,5-dione, 1,3,3-trimethyl-; 3,5,5-Trimethyl-2,3-epoxycyclohexane-1,4-dione
16,053	3804	10459	51115-67-4	2-Isopropyl-N, 2,3-trimethylbutanamide	2-Isopropyl-N, 2,3 trimethylbutanamide	2-Isopropyl-N, 2,3-trimethylbutyramide; N, 2,3-trimethyl-2-isopropylbutanamide;
16,055	3794		564-20-5	Sklareolid	Sclareolide	Norambrienolide;Decahydro-tetramethylnaphtho-furanone; 3A, 6,6,9a-Tetramethyldecahydronaptho (2, lb) furan-1-one
16,056	3813		107-35-7	Taurine	Taurine	2-Aminoethanesulfonic acid
16,058	2769	10286	10236-47-2	Naringin	Naringin	
16,059	2053	482	12124-99-1	Ammonium sulfide	Ammonium hydrogen sulphide	
16,060	2528	2221	53956-04-0	Glycyrrhizic acid, ammonium salt	Glycyrrhizic acid, ammoniated	
16,061	3811		20702-77-6	Neohesperidine dihydrochalcone	Neohesperidine dihydrochalcone	

16,071	4037		188590-62-7	4.5 Epoksidek-2 (trans) -enal	4,5-Epoxydec-2 (trans) -enal	
16,073	3900		126-96-5	Sodium diacetate	Sodium diacetate	Sodium ethanoate;
16,075	3801		122397-96-0	Ethyl vanillin beta-D-glucopyranoside	Ethyl vanillin beta-D-glucopyranoside	
16,080	3042	746	72401-53-7	Tannic kilota	Tannic acid	D-glucose pentakis [3,4-dihydroxy-5 -[(3,4,5-trihydroxy benzoyl) oxy] benzoate]
16,081	3038	11819	126-14-7	Sucrose oktaatsetat	Sucrose octaacetate	Octaacetylsucrose;Octaacetyl sucrose;
17,001	3252		107-95-9	beta-Alanine	beta-Alanine	3-Aminopropanoic acid
17,002	3818	11729	56-41-7	1 Alanine	1-Alanine	2-Aminopropanoic acid
17,003	3819	11890	74-79-3	1-Arginine	1-Arginine	(S) -2-Amino-5-guanidinovaleric acid;Arginine; 2-Amino-5-guanidinovaleric acid;
17,005	3656	10078	56-84-8	Aspartic acid	Aspartic acid	2-Aminobutanedioic acid
17,006		11747	56-89-3	Cysteine	Cystine	
17,007	3684		56-85-9	Glutamine	Glutamine	
17,008	3694		71-00-1	Histidine-1	1-Histidine	
17,010	3295	10127	443-79-8	d, 1-Isoleucine	d, 1-Isoleucine	2-Amino-3-methylpentanoic acid
17,012	3297	10482	61-90-5	1 Leucine	1-Leucine	
17,013	3847	11947	70-54-2	DL-Lysine	DL-Lysine	
17,014	3301	569	59-51-8	d, 1-Methionine	d, 1-Methionine	D, L-Methionine; alpha-Amino-gamma-methyl thio-n-butyric acid; 2-Amino-4- (methy thio) -butanoic acid;2-Amino-4- (methylthio) butanoic

						acid
17,015	3445	761	1115-84-0	S-Metilmetionin-sulfonium chloride	S-Methylmethionines ulphonium chloride	Vitamin U; DL- (3-Amino-3-carboxypropyl) dimethylsulphonium chloride;
17,017	3726	10488	150-30-1	DL-Phenylalanine	DL-Phenylalanine	
17,018	3585	10488	63-91-2	1-Phenylalanine	1-Phenylalanine	
17,019	3319	10490	147-85-3	1-Proline	1-Proline	Pyrrolidine-2-carboxylic acid
17,022	3736		60-18-4	1 Tyrosine	1-Thyrosine	
17,023	3444		516-06-3	DL-Valine	DL-Valine	2-Amino-3-methylbutanoic acid
17,024	3818	11729	302-72-7	DL-Alanine	DL-Alanine	L-alpha-Alanine; (S) -2-Aminopropanoic acid; L-alpha-Aminopropionic acid;DL-Alanine; DL-2-Aminopropanoic acid;
17,026	3847	11947	56-87-1	1-Lysine	1-Lysine	Lysine; (S) -2,6-Diaminohexanoic acid;alpha, epsilon-Diaminocaproic acid;
17,027	3301		63-68-3	1-Methionine	1-Methionine	
17,028	3444		72-18-4	1-Valine	1-Valine	
17,032		11746	52-89-1	1-Cysteine hydrochloride	1-Cysteine hydrochloride	
17,033	3263	10464	52-90-4	1-Cysteine	1-Cysteine	
17,034	3287	1177	56-40-6	Glycine	Glycine	

Note: - Ru N - number of federal executive authority performing functions of control and supervision in the field of sanitary and epidemiological welfare of the population - numbering Russian flavor substances authorized for use in the manufacture of food flavorings, which is based on the European database "FLAVIS"; after the Latin letters "Ru" the first two digits to indicate the point of chemical classes of compounds, the next three digits after the decimal point

indicate the number of agents in this class of compounds; classes of compounds: 01 - hydrocarbons, 02 - alcohols, 03 - ethers 04 - phenols and phenol ethers, 05 - aldehydes 06 - aldehyde acetals, 07 - ketones 08 - organic acid, 09 - esters of organic acids, 10 - lactone, 11 - Amine 12 - sulfur compounds 13 - oxygen-containing heterocyclic compounds, 14 - nitrogen-containing heterocyclic compounds, 15 - Sulfur-containing heterocyclic compounds, 16 - compound mixed classes 17 - amino acid;

- FEMA N - number on the list of FEMA-GRAS - "flavorings" generally recognized as safe "by the Association of manufacturers of flavorings and extracts (Raw materials for flavorings and perfumes - 2010, Allured Business Media, IL, USA); - EU N - number of classification, adopted by the European Council, in accordance with the register of flavoring substances for food products, adopted a resolution of the European Council and Parliament N 2232/96 of 28.10.96 (Regulation (EC) of the European Parliament and of the Council of 28 October 1996) and the Commission Decision EU 1999/217 / EC of 23.02.99 (Commission Decision 1999/217 / EC of the 23 February 1999) c supplements.

Appendix 20. Acceptable level of biologically active substances in food products through the use of vegetable raw materials and herbal flavors

Annex 20
to the technical regulations "Safety requirements of food additives,
flavorings and processing aids "
(TR CU 029/2012)

Biologically active substances	Food products	Maximum levels in mg / kg (n)
beta Asarone	Alcoholic beverages	1.0
Kvassin	Soft drinks	0.5
	Bakery products	1
	Alcoholic beverages	1.5

Coumarin	Bakery products using (indicating on the label) cinnamon	50
	Bakery products	15
	Dry breakfast cereals, including muesli	20
	Desserts	5
Mentofuran	Confectionery containing mint (peppermint)	500
	Mikrokonditerskie products (products with a basis weight of not more than 1 g) containing mint (peppermint), and breath freshening	3000
	Bubble gum	1000
	Alcoholic beverages containing mint (peppermint)	200
Methyl eugenol (4-allyl 1,2-dimethoxybenzene)	Milk-products	20
	Meat products and meat purged, including poultry and game	15
	Semi-finished fish and fish products	10
	Soups and sauces	60
	Ready-to-eat meals	20
	Soft drinks	1
Pulegone	Confectionery containing mint (peppermint)	250
	Mikrokonditerskie products (products with a basis weight of not more than 1 g) containing mint (peppermint), and breath freshening	2000
	Bubble gum	350
	Soft drinks containing mint (peppermint)	20
	Alcoholic beverages containing mint (peppermint)	100
Safrole (1-allyl-3,4-	Meat products and meat purged, including poultry and game	15

methylenedioxybenzene)		
	Semi-finished fish and fish products	15
	Soups and sauces	25
	Soft drinks	1
Hydrocyanic acid	Nougat, marzipan, substitutes (analogues) and similar products	50
	Canned fruit with seeds	5
	Alcoholic beverages	35
Thujone (alpha and beta)	Alcoholic beverages	10
	Alcoholic drinks made with wormwood	35
	Non-alcoholic drinks made using wormwood	0.5
A Teukrin	Alcoholic beverages, including liquor, with a bitter taste	5
	Alcoholic beverages	2
Estragol (1-allyl-4- methoxybenzene)	Milk-products	50
	Technologically processed fruit, vegetables (including fungi, roots, tubers, pulses and legumes), nuts and seeds	50
	Fish products	50
	Soft drinks	10

Note: - vegetable raw materials - fresh, dried or frozen herbs and spices. - only for food produced using herbal flavors. - scope of application is limited only to the specific food products.

Appendix 21. Hygienic standards applying clarifying, filtering materials, flocculants and sorbents

Annex 21

to the technical regulations

"Safety requirements of food additives, flavorings and processing aids "

(TR CU 029/2012)

Processing aids	Food products, technology	Maximum residual quantity
Acrylamide resin modified	Sugar production; Boiling water	according to TD
Acrylate resin akrilainovaya	Production of sugar	10 mg / kg
Alyumokremnezem (aluminum silicate)	Juice products	1.0 g / l
Aluminophosphates (soluble complexes)	Soft drinks	according to TD
Albumin food	According to the AP	according to TD
Anthranilic acid	Cottonseed oil (to remove gossypol)	according to TD
Magnesium acetate	Syrup, sugar solutions	according to TD
Bentonite	Starch and syrup production, sugar production, the production of juice products, butter making, wine, liquors, oil and fat industry	according to TD
Vinyl acetate-vinylpyrrolidone copolymer	According to the AP	according to TD
N-vinylpyrrolidone	Soft drinks, alcoholic beverages	according to the AP residues in finished

dimetakrilovym triethylene glycol copolymer		products are not allowed
Clay sorbents (bleached, natural, active earth or rock, tripoli activated)	Starch and syrup production, the production of sugar, butter making, wine making, the production of oil, juice products	according to TD
Diatomite	Treatment of wine, sugar and treacle solutions, production of juice products, vegetable oils and other products	according to TD
Divinilbenzoletilvinil-benzene copolymer	Aqueous solutions of food processing (except for carbonated beverages)	according to TD
Dimetilaminepihlor-hydrinos copolymers	Production of sugar	5.0 mg / kg
Edible gelatine	Winery, alcoholic beverages, production of juice products	according to TD
Earth Filters (calcium analogs montmorilaonita sodium)	According to the AP	according to TD
Ion exchange resins	According to the AP	according to TD
Kaolin	Starch and syrup production, the production of sugar, juice products, butter making, wine, oil and fat industry; processing of wine, sugar and treacle solutions, fruit juices, vegetable oils and other products	according to TD
Cardboard filter	According to the AP	according to TD
Potassium and sodium caseinate	Production of juice products	according to TD
Silica, includingcolloidal liquid	Production of juice products	according to TD
Infusorial earth	Filtering of beer Alcoholic beverages	according to TD

	Fats industry, the production of sugar, juice products	
Clinoptilolite (zeolite)	Wort, Sokolov and wine materials	according to TD
Flint	Water treatment and sorting in the production of vodka	according to TD
Monogidropirofosfat sodium	According to the AP	according to TD
Nitriltrimetilfos- background acid trisodium salt	Juices (iron removal)	DT residues according juices not more than 10 mg / kg
Calcium oxide, lime	Production of sugar	according to TD
Perlite	Wine materials Alcoholic beverages Fats industry, the production of sugar, juice products	according to TD
Blood plasma dry productive animals	According to the AP	according to TD
Polyacrylamide	Sugar production Alcoholic beverages Food salt	according to TD
Sodium polyacrylate	Production of sugar	according to TD
Polyacrylic acid	Production of sugar	according to TD
Polyvinylcaprolactam	A must for beer Wine materials	according to TD
Poliviniltriazol	Grape juice, must	500 mg / kg
Polidiallildimeti- lammony chloride	Sugar production Vegetable oils	0.01 mg / kg (n)
Polymers malic acid and sodium	Production of sugar	5 mg / kg

malate		
Polyoxyethylene	Wine materials	according to TD
Polystyrene	Production of sugar Juice Wine, beer	According to the AP
Rice husks	Production of juice products	according to TD
Fish glue	Wine, beer, juice products	according to TD
Stiroldivinilbenzol- tion chloromethylated polymer resin and amidated	Production of sugar	1 mg / kg
Tannin	Wines Alcoholic beverages	according to TD
Fabric filters, cotton and synthetic	According to the AP	according to TD
Coal active vegetation, including impregnated with silver	Treatment of wine, sugar and treacle solutions, juice products, vegetable oils and other products; Vodka	according to TD
Phytin	Wine materials (iron removal)	according to TD
sodium ortho-phosphate 3-substituted	According to the AP	according to TD
Zirconium phosphate	Wine materials	0.1 mg / l
Phosphoric acid	According to the AP	according to TD
Chitin, chitosan	According to the AP	according to TD
Enomelanin	Sokolov and wine materials	according to TD

Appendix 22. Hygienic standards using a catalyst

Annex 22
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Processing aids	Food Technology	Maximum residual quantity
Aluminum	According to the AP	according to TD
Potassium metal	Transesterification of edible oils	1 mg / kg
Potassium methylate (methoxide)	Transesterification of edible oils	1 mg / kg
Potassium ethoxide	Transesterification of edible oils	according to TD
Manganese	Hydrogenation of edible oils	0.4 mg / kg
Copper	Hydrogenation of edible oils	0.1 mg / kg
Copper chromate	According to the AP	according to TD
Copper chromite	According to the AP	according to TD
Molybdenum	Hydrogenation of edible oils	0.1 mg / kg
Sodium metal	Transesterification of edible oils	1 mg / kg
Sodium amide	Transesterification of edible oils	1 mg / kg
Sodium methylate	Transesterification of edible oils	1 mg / kg
Sodium ethoxide	Transesterification of edible oils	1 mg / kg
Nickel	Hydrogenation of edible oils and fats hardening;	0.7 mg / kg
	Production of sugar, ethanol	1 mg / kg
Various metal oxides	Hydrogenation of edible oils	<0.1 mg / kg

Palladium	Hydrogenation of edible oils	1 mg / kg
Platinum	Hydrogenation of edible oils	0.1 mg / kg
Silver	Hydrogenation of edible oils	0.1 mg / kg
Trifluoromethanesulfonic acid	Cocoa butter substitutes	0.01 mg / kg
Chrome	Hydrogenation of edible oils	0.1 mg / kg
Zirconium	According to the AP	according to TD

Note: - The catalysts can be used as alloys of two or more of these metals.

Appendix 23. Hygienic standards applying extraction and processing solvents

Annex 23
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Processing aids	Food products, technology	Maximum residual quantity
Acetone	Flavours	30 mg / kg
	Dyes	2 mg / kg
	Food oils	0.1 mg / kg

Amyl acetate	Flavours Dyes	according to TD
Benzyl alcohol	Flavours Dyes Fatty acids	according to TD
Butane	Flavours	1 mg / kg
	Food oils	0.1 mg / kg
1,3-Butanediol	Flavours	according to TD
n-Butanol 1	Flavors, fatty acids, coloring	1 g / kg
n-2-Butanol	Flavours	1 mg / kg
Butyl acetate	According to the AP	according to TD
t-Butyl alcohol	According to the AP	according to TD
Hexane	Flavorings, oil, food	1 mg / kg
Heptane	Flavorings, oil, food	1 mg / kg
Carbon dioxide (carbonic acid liquid)	Flavours Extracts	according to TD
Dibutyl ether	Flavours	2 mg / kg
Dichlorodifluoromethane	Flavors, colorants	1 mg / kg
Dichloromethane (methylene chloride)	Decaffeination of coffee, tea	5 mg / kg
Dichlorotetrafluoroethane	Flavours	1 mg / kg
Dichlorodifluoromethane	Flavours	1 mg / kg
Dichloroethane	Decaffeination of coffee	5 mg / kg
Diethyl ether	Flavors, colorants	2 mg / kg
Dietilpropilketon	According to the AP	according to TD

Dietiltsitrat	Flavors, colorants	according to TD
Nitrous oxide	According to the AP	according to TD
Isobutane	Flavours	1 mg / kg
Isopropyl	Flavours Dyes	according to TD
Isopropyl alcohol (propan-2-ol)	Flavours Dyes	according to TD
Methyl	Decaffeination of coffee	20 mg / kg
	Flavours	1 mg / kg
	Sugar refining	1 mg / kg
1-methylpropanol	Flavours	1 mg / kg
n-octyl	Citric acid	according to TD
Pentane	Flavorings, oil, food	1 mg / kg
Petroleum ether	Flavorings, oil, food	1 mg / kg
Propane	Flavours	1 mg / kg
	Food oils	0.1 mg / kg
Propylene glycol (Pronan-1,2-diol)	Fatty acids Flavours Dyes	according to TD
Propyl alcohol (n-propanol-1)	Fatty acids Flavours Dyes	according to TD
Toluene	Flavours	1 mg / kg

Tributirat glycerol	Flavours Dyes	according to TD
Tridodetsilamin	Citric acid	according to TD
Tripropionat glycerol	Flavours Dyes	according to TD
Trichlorofluoromethane	Flavours	1 mg / kg
1,1,2-Trichloroethylene	Flavorings, oil, food	2 mg / kg
Petroleum hydrocarbons isoparaffin	Citric acid	according to TD
Cyclohexane	Flavorings, oil, food	1 mg / kg
Ethanol	According to the AP	according to TD
Ethyl acetate	According to the AP	according to TD
Ethyl methyl ketone (butanone)	Fatty acids, flavorings, colorings	2 mg / kg
	Decaffeination of coffee, tea	2 mg / kg

Appendix 24. Hygienic standards applying nutrients (feeding) for yeast

Annex 24
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Processing aids	Application Technology
Biotin	according to TD
Vitamin B complex,	according to TD

Yeast autolysate	according to TD
Inositol	according to TD
Potassium carbonate	according to TD
Calcium carbonate	according to TD
Niacin	according to TD
Pantothenic acid	according to TD
Ammonium sulfate	according to TD
Ferrous Sulfate	according to TD
Ammonium ferric sulfate	according to TD
Calcium sulfate	according to TD
Magnesium sulfate	according to TD
Copper sulfate	according to TD
Zinc sulfate	according to TD
Ammonium phosphate	according to TD
Calcium phosphate	according to TD
Ammonium chloride	according to TD
Potassium Chloride	according to TD

Note: - These aids may be used in combination.

Appendix 25. Hygienic standards application aids with other technological functions

Annex 25
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Processing aids	Technological function	Maximum residual quantity; food products and application technology
Sodium alkyl benzene sulfonate (sulfanol, sulphonol)	Detergents and cleaning agents	According to the AP
N-alkyl (C12-C16) dimethyl benzyl	Antimicrobial substances	according to TD
Potassium bromide	Detergents and cleaning agents	according to TD fruits and vegetables
Gibberilin, gibberilinovaya acid	Stimulator malting	according to TD
Hypochlorites	Antimicrobial substances	according to TD edible oils
	Detergents and cleaning agents	according to the AP (except for processing carcases)
Glycol ethers of saturated alcohol	Defoamers	according to TD juice production
Dialkanolamines	Detergents and cleaning agents	1 mg / kg of

		sugar beet (sugar - not allowed)
Dimetildikarbonat	Antimicrobial substances	vina- production residues are not allowed
Dimetilditiokarbaminovoy acid sodium salt	Antimicrobial substances	according to TD
Sodium dioctylsulfosuccinate	Detergents	10 mg / kg fruit drinks
Dichlorodifluoromethane	Contact freezing and cooling agents	100 mg / kg of frozen food (except carcases)
Dichlorodifluoromethane	Contact freezing and cooling agents	100 mg / kg of frozen food (except carcases)
Dietildikarbonat	Antimicrobial substances	wine production - the remains are not allowed
Dodecylbenzenesulfonic acid sodium salt	Detergents and cleaning agents	2 mg / kg of fruits and vegetables, meat and poultry
Oak, beech wood chips (riveting, chips, etc.)	Blend in the production of brandy (wine spirits), flavored wines and special beer	According to the AP
Carbamates	Detergents and cleaning agents	according to TD sugar beet
Ketoalcohols C9-C30	Defoamers	according to TD
Ksilensulfonovoy acid sodium salt	Detergents	1 mg / kg of edible fats and oils
Lactoperoxidase system (lactoperoxidase, glucose oxidase, thiocyanates)	Antimicrobial substances	according to TD
Sodium lauryl sulfate	Detergents	1 mg / kg of edible fats and oils
Fatty acid methyl esters	Defoamers	according to TD
Mono- and dimetilnaftalinsulfonovoy acid sodium salt	Detergents and cleaning agents	0.2 mg / kg of fruits, vegetables
Monoethanolamine	Detergents and cleaning agents	1 mg / kg of fruits, vegetables, sugar beet (sugar - not allowed)
Peracetic acid	Antimicrobial substances	processing of carcasses of chickens and eggs - the remains

		are not allowed
Hydrogen peroxide	Antimicrobial agents, detergents and cleaning agents whitening agent	production of sugar, fruit and vegetable juices - the remains are not allowed; semi-finished products - harvesting carrots, white onion roots and canning, processing solution of 2.4 g / kg - the remains are not allowed;processing of eggs - the remains are not allowed; blood slaughtering (discoloration together with catalase) - the remains are not allowed
Polyacrylamide	Detergents and cleaning agents	1 mg / kg of fruits, vegetables, sugar beets
Polyacrylic acid, sodium salt	Defoamers	according to TD
Polyalkylene glycol esters of fatty acids	Defoamers	according to TD
Polyoxypropylene (polyoxyethylene) glycerol ethers (Laprol)	Defoamers	according to TD
Polyoxypropylene esters of C8-C30 fatty acids	Defoamers	according to TD
Polyoxypropylene esters of C9-C30 keto	Defoamers	according to TD
Polyoxyethylene esters of C8-C30 fatty acids	Defoamers	according to TD
Polyoxyethylene esters of C8-C30 keto	Defoamers	according to TD
Polysorbates (60, 65, 80)	Defoamers	according to TD
Polyethylene glycol	Defoamers	according to TD
Polietileglikol (400, 600) dioleate	Defoamers	according to TD
Propylene oxide	Antimicrobial substances	according to TD

Sulfuric acid	Regulator of acidity in the production of alcohol	According to the AP
Sodium silicate	Detergents and cleaning agents	According to the AP
Alcohols limit C8-C30	Defoamers	according to TD
Sodium tripolyphosphate	Detergents and cleaning agents	According to the AP
Triethanolamine	Detergents and cleaning agents	0.05 mg / kg of sugar beet (sugar - not allowed)
Undetsilbenzolsulfonovaya acid, linear	Detergents and cleaning agents	1 mg / kg of sugar beet (sugar - not allowed)
Formaldehyde	Antimicrobial agents, defoamers	0.05 mg / kg of sugar beet processing, production of yeast
Freon	Contact freezing and cooling agents	according to TD
Sodium chlorite	Antimicrobial substances	according to the AP (except for processing carcases)
Cetylpyridinium chloride	Antimicrobial substances	4 mg / kg (whole chickens)
Tsianditioamidokarbonovoy acid disodium salt	Antimicrobial substances	according to TD
Quaternary ammonium	Antimicrobial substances	according to TD edible oils
Connection	Detergents	according to TD
2 Etilgeksilsernoy acid sodium salt	Detergents and cleaning agents	20 mg / kg of fruits, vegetables
Etilenbisditiokarbaminovoy acid disodium salt	Antimicrobial substances	according to TD

Etilenglikolmonobutilat	Detergents and cleaning agents	0.03 mg / kg of sugar beet (sugar - not allowed)
Ethylenediamine	Antimicrobial substances	according to TD
EDTA tetrasodium salt	Detergents and cleaning agents	0,003 mg / kg sugar beet (sugar - not allowed)
Ethylene	Detergents and cleaning agents	0.01 mg / kg of sugar beet (sugar - not allowed)
Ethoxyquin (santohin)	Antimicrobial substances	apples (surface treatment - 0.05-0.3% aqueous solution);residues after storage - 0.1 mg / kg

26. Application Enzyme preparations approved for use in food production

Annex 26
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Enzyme preparations	Source of receipt, producer
Enzyme preparations of animal origin	
alpha-Amylase	pancreas of cattle, pigs
Catalase	liver of cattle, horses
Lysozyme	protein of chicken eggs

Lipase	stomachs, proventriculus, rennet, salivary glands of cattle
Pepsin	stomachs of pigs
Pepsin bird	predzheludok chickens
Rennet	stomachs, rennet, cattle, calves, goats, goats, sheep, lambs
Trypsin	pancreas of cattle, pigs
Phospholipase	pancreas calves, lambs, goats
Chymosin	pancreas calves, lambs, goats
Enzyme preparations of plant origin	
Bromelain	Pineapple (Ananas spp.)
Lipozidaza, lipoxygenase	soy
Maltkarbogidrazy	barley, barley malt
Papain	Papaya (Carica papaya)
Chymopapain	Papaya (Carica papaya)
Ficin	figs (Ficus spp.)
Enzyme preparations of microbial origin	
Alcohol dehydrogenase	Saccharomyces cerevisiae
alpha-Amylase	Aspergillus niger Aspergillus oryzae Bacillus amyliquefaciens Bacillus licheniformis Bacillus megaterium Bacillus stearothermophilus Bacillus subtilis

	Rhizopus arrhizus Rhizopus oryzae
beta-Amylase	Bacillus cereus Bacillus megaterium Bacillus subtilis
Arabinofuranosidase	Aspergillus niger
Alpha-galactosidase	Aspergillus niger Mortierella vinacea Saccharomyces cerevisiae
beta-galactosidase	Aspergillus niger Curvalaria inaegualis Penicillium canescens Saccharomyces fragilis Saccharomyces Sp.
Hemicellulase	Aspergillus aculeatus Aspergillus niger Aspergillus oryzae Bacillus subtilis Rhizopus arrhizus Sporotrichum dimorphosporum Trichoderma longibrachiatum (reesei)
beta-glucanase	Aspergillus awamori Aspergillus batate

	Aspergillus niger Bacillus subtilis Humicola insolens Rhizopus pigmaues Trichoderma harzianum
endo-beta-glucanase	Aspergillus niger Aspergillus oryzae Bacillus circulans Bacillus subtilis Disporotrichum dimorphosporum Penicillium emersonii Rhizopus arrhizus Rhizopus oryzae Trichoderma longibrachiatum (reesei)
Glucoamylase or amyloglucosidase	Amaurii Aspergillus Aspergillus awamori Aspergillus niger Aspergillus oryzae Rhizopus arrhizus Rhizopus niveus Rhizopus oryzae Trichoderma longibrachiatum (reesei)

beta-glucosidase	Endmycopsis Sp. Penicillium Vitale Rhizopus pigmaues Trichoderma harzianum
exo-alpha-glucosidase	Aspergillus niger Penicillium Vitale
Glyukozizomeraza	Actinoplanes missouriensis Arthrobacter Sp. Bacillus coagulans Albus Streptomyces Streptomyces olivaceus Streptomyces olivochromogenes rubiginosus Streptomyces Streptomyces Sp. Streptomyces violaceoniger
Glucose oxidase	Aspergillus niger
alpha-decarboxylase	Bacillus brevis
Dextranase	Aspergillus Sp. Bacillus subtilis Klebsiella aerogenes Penicillium funiculosum Penicillium lilacinus
Isomerase	Bacillus cereus

Invertase	Aspergillus niger Bacillus subtilis Kluyveromyces fragilis Saccharomyces carlsbergensis Saccharomyces cerevisiae Saccharomyces Sp.
Inulinase	Aspergillus niger Kluyveromyces fragilis Sporotrichum dimorphosporum Streptomyces Sp.
Catalase	Aspergillus niger Micrococcus luteus (lysodeicticus) Penicillium Vitale
Xylanase	Aspergillus niger Aspergillus aculeatus Humicola insolens Sporotrichum dimorphosporum Streptomyces Sp. Trichoderma longibrachiatum (reesei) Trichoderma viride
Lactase, beta-galactosidase	Aspergillus niger Aspergillus oryzae Kluyveromyces fragilis

	Kluyveromyces lactis Saccharomyces Sp.
Lipase	Aspergillus flavus Aspergillus niger Aspergillus oryzae Brevibacterium linens Candida lipolytica Candida rugosa Mucor javanicus Mucor miehei Mucor pusillus Rhizopus arrhizus Rhizopus nigrican (stolonifer) Rhizopus niveus
Malatdekarboksilaza	Leuconostoc oenos
Maltase, alpha-glucosidase	Aspergillus niger Aspergillus oryzae Rhizopus oryzae Trichoderma longibrachiatum (reesei)
Melibiaza	Mortierella vinacea Saccharomyces cerevisiae
Nitrate reductase	Micrococcus violagabriella
Pectinase	Aspergillus awamori

	Aspergillus foetidus Aspergillus niger Aspergillus oryzae Bacillus macerans Botrytis cinerea Penicillium simplicissimum Rhizopus oryzae Trichoderma longibrachiatum (reesei)
Pectinlyase	Aspergillus niger
Pectinesterase	Aspergillus niger
Pentosanase	Humicola insolens
Polygalacturonase	Aspergillus aculeatus Aspergillus niger Penicillium canescens
Protease (including milk coagulating enzymes)	Aspergillus awamori Aspergillus melleus (quercinus) Aspergillus niger Aspergillus oryzae Aspergillus terricola amyliquefaciens Bacillus cereus Bacillus Bacillus licheniformis Bacillus mesentericus

	Bacillus subtilis Brevibacterium linens Endothia parasitica Lactobacillus casei Micrococcus caseolyticus Mucor miehei Mucor pusillus Streptococcus cremoris Streptococcus lactis Streptomyces fradiae
Pullulanase	Bacillus acidopullulyticus Bacillus subtilis Klebsiella aerogenes
Serine	Bacillus licheniformis Streptomyces fradiae
Tannase	Aspergillus niger Aspergillus oryzae
Chymosin	Aspergillus awamori Aspergillus niger Escherichia coli Kluyveromyces lactis
Cellobiase	Aspergillus niger Trichoderma longibrachiatum (reesei)

Cellulase	Aspergillus niger Aspergillus oryzae Geotrichum candidum Penicillium funiculosum Rhizopus arrhizus Rhizopus oryzae Sporotrichum dimorphosporum Thielavia terrestris Trichoderma longibrachiatum (reesei) roseum Trichoderma viride Trichoderma
Esterase	Muccor miehei

27. The application aids (materials and solid carriers) for the immobilization of enzyme preparations approved for use in food production

Annex 27
to the technical regulations "Safety requirements
of food additives, flavorings and processing aids "
(TR CU 029/2012)

Materials and solid carriers
Sodium Alginate
Glutaraldehyde
Diatomite (diatomaceous earth)

DEAE
Gelatin
Ion exchange resins approved for use in the food industry
Carrageenan
Ceramics
Infusorial earth
Polyethyleneimine
Polysaccharides, including dextrins
Alumina
Silica (silicon dioxide)
Glass
Carbon

Appendix 28. Safety requirements and criteria for purity of food additives

Annex 28

to the technical regulations "Safety requirements

of food additives, flavorings and processing aids "

(TR CU 029/2012)

Index	Title additives	Technological functions	The content of the basic substance %, Not less	Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E10	Curcumin (CURCUMIN)	dye	90% of common	3	10	1	1	

0			colorants					
E101	Riboflavin (RIBOFLAVINS):	dye						
	(I) Riboflavin (Riboflavin),		98% on an anhydrous basis	3	10	1	1	
	(Ii) Sodium salt of riboflavin 5'-phosphate (Riboflavin 5-phosphate sodium).		95% of the total pigments calculated as S17H20N4NaO9P · 2H2O	3	10	1	1	
E102	Tartrazine (TARTRAZINE)	dye	85% of common colorants calculated as the sodium salt E1 cm 1% at a temperature of about 530 426 nm in aqueous solution	3	10	1	1	
E104	Quinoline yellow (QUINOLINE YELLOW)	dye	70% of common colorants calculated as the sodium salt of	3	10	1	1	
E110	Yellow "sunset" FCF (SUNSET YELLOW FCF)	dye	85% of common colorants calculated as sodium E1 cm 1% at about 555 485 nm in aqueous solution at pH 7	3	2	1	1	

E120	Carmina (CARMINES)	dye	2.0% carminic acid extracts containing carminic acid, 50% of carminic acid chelates.	3	10	1	1	
E122	Azorubin, Karmuazin (AZORUBINE)	dye	85% of common colorants, calculated as the sodium salt E1 cm 1% at a temperature of about 510 516 nm in aqueous solution	3	10	1	1	
E124	Ponce 4R, Carmine 4R (PONCEAU 4R)	dye	80% of common colorants, calculated as the sodium salt E1 cm 1% at a temperature of about 430 505 nm in aqueous solution	3	10	1	1	
E129	Allura Red AC (ALLURA RED AC)	dye	85% of common colorants, calculated as the sodium salt E1 cm 1% at a temperature of about 540 504 nm in aqueous solution at pH 7	3	10	1	1	
E13	Blue patented V (PATENT	dye	85% of common	3	10	1	1	

1	BLUE V)		colorants, calculated as the sodium salt E1 cm 1% at a temperature of about 2000 638 nm in aqueous solution at pH 5					
E132	Indigo carmine (INDIGOTINE)	dye	85% of common colorants, as calculated as the sodium salt;disodium 3,3'-dioxo-2, 2'-bi-indolylidene-5,7'-disulfonate: not more than 18% E1% 1 cm 480 about 610 nm in aqueous solution	3	10	1	1	
E133	Brilliant blue FCF, brilliant blue FCF (BRILLIANT BLUE FCF)	dye	85% of common colorants, calculated as the sodium salt E1 cm 1% in 1630 at a temperature of about 630 nm in aqueous solution	3	10	1	1	
E140	Chlorophyll (CHLOROPHYLL)	dye	140i - cumulative total chlorophyll content and magnesium complexes is	3	10	1	1	

			not less than 10% E1% 1 cm 700 at a temperature of about 409 nm in chloroform 140ii - 95% of the respondents were dried at a temperature of about 100 ° C for 1 hour. E1% 1 cm 700 at about 405 nm in aqueous solution at pH 9 E1% 1 cm 140 at about 653 nm in aqueous solution at pH 9					
E141	Copper complexes of chlorophylls (COPPER CHLOROPHYLLS):	dye						
	(I) Copper complexes of chlorophylls (Chlorophyll copper complex),		Total chlorophyll content of copper at least 10%. E1% 1 cm at a temperature of about 540 in chloroform of 422 nm E1% 300 1 cm at a temperature of about 652 nm in chloroform	3	10	1	1	

	(Ii) copper complexes of chlorophyllin sodium and potassium salts (Chlorophyllin copper complex, sodium and potassium salts).		The content of total copper chlorophyllins not less than 95% of the sample was dried at 100 ° C for 1 hour.E1% 1 cm at a temperature of about 565 405 nm in aqueous phosphate buffer at pH 7.5 E1 cm 1% to about 145 to 630 nm in aqueous phosphate buffer at pH 7.5	3	10	1	1	
E142	Green S (GREEN S)	dye	80% of common colorants calculated as the sodium salt E1 cm 1% at a temperature of about 1720 632 nm in aqueous solution	3	10	1	1	
E143	Green robust FCF (FAST GREEN FCF)	dye	85% of colorants	-	2	-	-	
E150a	I simple sugar color (CARAMEL I - Plain)	dye	-	1	2	1	1	
E15	Sugar color II, obtained by	dye	-	1	2	1	1	

0b	the "alkaline sulfite" technology (CARAMEL II - Caustic sulphite process)							
E150c	Sugar color III, obtained by the "ammonia" technology (CARAMEL III - Ammonia process)	dye	-	1	2	1	1	
E150d	Sugar color IV, obtained by the "ammonia-sulfite" technology (CARAMEL IV - Ammonia-sulphite process)	dye	-	1	2	1	1	
E151	Brilliant Black PN, Brilliant Black PN (BRILLIANT BLACK PN)	dye	80% of common colorants calculated as the sodium salt E1 cm 1% at about 530 570 nm in solution	3	10	1	1	
E153	Coal plant (VEGETABLE CARBON)	dye	95% of carbon calculated on the anhydrous and ash-free basis	3	10	1	1	
E155	Brown HT (BROWN HT)	dye	70% of common colorants calculated as the sodium salt.E1% 1 cm at	3	10	1	1	

			a temperature of about 403 460 nm in aqueous solution at pH 7					
E160a	Carotenes (CAROTENES)	dye						
	(I) MIXED CAROTENES 1. Plant carotenes		Carotene content (calculated as beta-carotene) is not less than 5%. For products obtained by extraction of vegetable oils: not less than 0.2% of dietary fat. E1 cm 1% in 2500 to approximately 440 nm to 457 nm in cyclohexane	-	5	-	-	
	2. Algal carotenes		Carotene content (calculated as beta-carotene) is not less than 20% E1 cm 1% in 2500 to approximately 440 nm to 457 nm in cyclohexane	-	5	-	-	
	1E 160a (ii) BETA-CAROTENE		96% common dyes (in the	-	2	-	-	

	Beta-carotene		form of beta-carotene) E1 cm 1% in 2500 to approximately 440 nm to 457 nm in cyclohexane					
	2. Beta-carotene from Blakeslea trispora		96% common dyes (in the form of beta-carotene) E1 cm 1% in 2500 approximately 440 nm to 457 nm in cyclohexane	-	2	-	-	
				Mycotoxins				
				Afla- toxin B1	T-2 toxin	Ohra- current- syn		
				not additional.	not additional.	not additional.		
				Microbiological indicators:				
				intestinal tion paloch- ka 5 g	sebaceous monel- ly 25 g	Ple- canopy, CFU / g, not more Leia		
				not additional.	not additional.	100	100	

				arsenic	lead	mercury	cadmium
E160b	Annatto extracts (ANNATO EXTRACTS)	dye					
	(I) Solvent extracted bixin and norbixin		The content of bixin powders not less than 75% of total carotenoids calculated as bixin.Contents norbixin powders not less than 25% of the total carotenoids calculated as norbixin Bixin: E1 cm 1% at a temperature of about 2870 nm in chloroform 502 Norbixin: E1 cm 1% in 2870 at a temperature of about 482 nm in a solution of KOH	3	10	1	1
	(Ii) Alkali extracted annatto		0.1% of total carotenoids in the form of norbixin Norbixin: E1 cm 1% at a temperature of about	3	10	1	1

			2870 nm to 482 KOH				
	(Iii) Oil extracted annatto		It contains not less than 0.1% of total carotenoids in the form of bixin Bixin: E1 cm 1% at a temperature of about 2870 nm in chloroform 502	3	10	1	1
E160c	Maslosmoly paprika (PAPRIKA OLEORESINS)	dye	Paprika extract: content not less than 7.0% carotenoids capsanthin / capsorubin: not less than 30% of total carotenoids E1 cm 1% at a temperature of about 2100 nm in acetone 462	3	10	1	1
E160d	Lycopene (LYCOPENE)	dye	The content is not less than 5% of the overall coloring matter E1 cm 1% at a temperature of about 3450 nm in hexane 472	3	10	1	1
E160e	beta-apo-carotene aldehyde (BETA-APO-CAROTEN	dye	96% of common colorants E1 cm 1% at a	3	10	1	1

	AL)		temperature of about 2640 nm in cyclohexane 460-462				
E160f	beta-apo-8-carotene acid methyl or ethyl esters (BETA-APO-8'-CAROTENOIC ACID, METHYL OR ETHYL ESTER)	dye	96% of common colorants $E_{1\ cm}^{1\%}$ 2550 at about 449 nm in cyclohexane	3	10	1	1
E161b	Lutein (LUTEIN)	dye	The content of total pigments of not less than 4% calculated as lutein E1 cm 1% at a temperature of about 2550 nm in 445 chloroform / ethanol (10 + 90), or hexane / ethanol / acetone (80 + 10 + 10)	3	10	1	1
E161g	Canthaxanthin (CANTHAXANTHIN)	dye	96% of basic dyes (as canthaxanthin) $E_{1\ cm}^{1\%}$ 2200 at a temperature of about 485 nm in chloroform at 468-472	3	10	1	1

			nm 464-467 nm in cyclohexane, petroleum ether				
E162	Red beet (BEET RED)	dye	Red content (a betanine) is not less than 0,4% E1 cm 1% in 1120 at about 535 nm in aqueous solution at pH 5	3	10	1	1
E163	Antotsiany (ANTHOCYANINS)	dye	E1% 1 cm 300 for the pure pigment in 515-535 nm at pH 3.0	3	10	1	1
E170	Calcium carbonate (CALCIUM CARBONATE)	Dye (surface), the agent anti -caking, stabilizer, carrier	98% on an anhydrous basis	3	10	-	1
E171	Titanium dioxide (TITANIUM DIOXIDE)	dye	99% based on aluminum and silicon without	3	10	1	1
E172	Iron oxides and hydroxides (IRON OXIDES AND HYDROXIDES)	Dyes	Yellow not less than 60%, red and black is not less than 68% of the total amount of iron expressed	5 *	20 *	1 *	5 *

			as iron				
				Note: * As a general dissolution			
E174	Silver (SILVER)	dye	99,5% Ag	-	-	-	-
E175	Gold (GOLD)	dye	90% Au	-	-	-	-
E181	Tannins food (TANNINS, FOOD GRADE)	colourant, emulsifier, stabilizer	96% on dry basis	-	2	-	-
E200	Sorbic acid (SORBIC ACID)	preservative	99% on an anhydrous basis	3	5	1	-
E201	Sodium sorbate (SODIUM SORBATE)	preservative					
E202	Potassium sorbate (POTASSIUM SORBATE)	preservative	99% on dry basis	3	5	1	-
E203	Calcium sorbate (CALCIUM SORBATE)	preservative	98% on dry basis	3	5	1	-
E210	Benzoic acid (BENZOIC ACID)	preservative	99.5% on an anhydrous basis	3	5	1	-
E211	Sodium benzoate (SODIUM BENZOATE)	preservative	99% C7H5O2Na after drying at 105 ° C for four hours	3	5	1	-

E212	Potassium benzoate (POTASSIUM BENZOATE)	preservative	99% C7H5KO2 after drying at 105 ° C to constant weight	3	5	1	-
E213	Calcium benzoate (CALCIUM BENZOATE)	preservative	99% after drying at 105 ° C	3	5	1	-
E214	p-hydroxybenzoic acid ethyl ester (ETHYL p-HYDROXYBENZOATE)	preservative	99.5% after 2 hours at 80 ° C	3	5	1	-
E215	p-hydroxybenzoic acid ethyl ester sodium salt (SODIUM ETHYL p-HYDROXYBENZOATE)	preservative	Content of ethyl p-hydroxybenzoic acid are not less than 83% on an anhydrous basis	3	5	1	-
E218	p-hydroxybenzoic acid methyl ester (METHYL p-HYDROXYBENZOATE)	preservative	99% after 2 hours at 80 ° C	3	5	1	-
E219	p-hydroxybenzoic acid methyl ester sodium salt (SODIUM METHYL p-HYDROXYBENZOATE)	preservative	99.5% on an anhydrous basis	3	5	1	-
E22	Sulfur dioxide (SULPHUR	preservative,	99%	3	5	1	-

0	DIOXIDE)	antioxidant					
E221	Sodium sulfite (SODIUM SULPHITE)	preservative, antioxidant	Anhydrous 95% Na2SO3 and 48% SO2 heptahydrate: not less than 48% Na2SO3 and not less than 24% SO2	3	5	1	-
E222	Sodium hydrosulfite (SODIUM HYDROGEN SULPHITE)	preservative, antioxidant	32% w / w NaHSO3	3	5	1	-
E223	Sodium metabisulphite (SODIUM METABISULPHITE)	preservative, antioxidant	95% Na2S2O5 and not less than 64% SO2	3	5	1	-
E224	Potassium metabisulphite (POTASSIUM METABISULPHIT)	preservative, antioxidant	90% K2S2O5 and at least 51,8% SO2, and the remaining is almost entirely composed of potassium sulfate	3	5	1	-
E225	Potassium sulfite (POTASSIUM SULPHITE)	preservative, antioxidant	90.0%	-	2	-	-
E226	Calcium sulfite (CALCIUM SULPHITE)	preservative, antioxidant	95% CaSO3? 2H2O and not less than 39% SO2	3	5	1	-
E22	Calcium bisulfite	preservative,	From 6 to 8% (w / v)	3	5	1	-

7	(CALCIUM HYDROGEN SULPHITE)	antioxidant	sulfur dioxide and 2.5 to 3.5% (w / v) calcium dioxide corresponding to 14 10% (w / v) calcium bisulfite [Ca (HSO3) 2]				
E228	Bisulfite (sodium bisulfite), potassium (POTASSIUM BISULPHITE)	preservative, antioxidant	KHSO3 280 g per liter (or 150 g of CO2 per liter)	3	5	1	-
E230	Biphenyl (DIPHENYL)	preservative	99.80%	3	5	1	-
E231	ortho-phenylphenol (ORTO-PHENYLPHENOL)	preservative	99%	3	5	1	-
E232	ortho-phenylphenol, sodium salt (SODIUM O-PHENYLPHENOL)	preservative	Of 97% $C_{12}H_9ONa$.	3	5	1	-
E234	Nisin (NISIN)	preservative	Nisin concentrate containing at least 900 units per mg in a mixture of skim milk and a minimum solids content of 50% of sodium	1	5	1	-

			chloride				
E235	Pimaricin, Natamycin (PIMARICIN, NATAMYCIN)	preservative	95% on an anhydrous basis	3	5	1	-
				Microbiological indicators:			
					QMAFAnM CFU / g,		
				100			
				arsenic	lead	mercury	cadmium
E236	Formic acid (FORMIC ACID)	preservative					
E242	Dimetildikarbonat (velkorin) (DIMETHYL DICARBONATE)	preservative	99.80%	3	5	1	-
E249	Potassium nitrite (POTASSIUM NITRITE)	Preservative, coloring retainer	95% on an anhydrous basis *	3	5	1	-
E250	Sodium nitrite (SODIUM NITRITE)	Preservative, coloring retainer	97% on an anhydrous basis *	3	5	1	-
			Note: * When labeled for food use, can only be sold in a mixture with salt or a salt substitute.				
E251	Sodium nitrate (SODIUM NITRATE)	Preservative, coloring retainer					
	1. SOLID SODIUM NITRATE		99% after drying	3	5	1	-	-

	2. LIQUID SODIUM NITRATE		between 33.5% and 40.0% of NaNO3	1 *	1 *	0.3 *	-	-
				Note: * This specification refers to an aqueous solution of 35%				
E252	Nitrat potassium (POTASSIUM NITRATE)	Preservative, coloring retainer	99% on an anhydrous basis	3	5	1	-	10
E260	Acetic acid glacial (ACETIC ACID GLACIAL)	preservative, acidity regulator	99.80%	1	5	1	-	10
E261	Potassium acetate (POTASSIUM ACETATES):	preservative, acidity regulator	99% on an anhydrous basis	3	5	1	-	
	(I) potassium acetate (Potassium acetate),							
	(Ii) potassium diacetate (Potassium diacetate).							
E262	Sodium acetate (SODIUM ACETATES):	preservative, acidity regulator						
	(I) Sodium acetate (Sodium acetate),		The content (for anhydrate and the trihydrate form) not less than 98.5% on an anhydrous basis	3	5	1	-	
	(Ii) Sodium Diacetate (Sodium diacetate).		The contents of 39 to	3	5	1	-	

			41% of free acetic acid and 58 to 60% of sodium acetate					
E263	Calcium acetate (CALCIUM ACETATES)	preservative, stabilizer, pH regulator, a carrier	98% on an anhydrous basis	3	5	1	-	
E264	Ammonium acetate (AMMONIUM ACETATE)	acidity regulator						
E265	Dehydroacetic acid (DEHYDROACETIC ACID)	preservative						
E266	Degidratsetat sodium (SODIUM DEHYDROACETATE)	preservative						
E270	Lactic acid, L-, D- and DL- (LACTIC ACID, L-, D- and DL-)	acidity regulator	not less than 76% and not more than 84%	3 *	5 *	1 *	-	
				Note: * This specification relates to a 80% aqueous solution of weak aqueous solutions, calculation of values corresponding to their lactic acid content				
E28	Propionic acid	preservative	99.50%	3	5	1	-	

0	(PROPIONIC ACID)							
E281	Propionate (SODIUM PROPIONATE)	preservative	99% after drying for two hours at 105 ° C	3	5	1	-	
E282	Calcium propionate (CALCIUM PROPIONATE)	preservative	99%, after drying for two hours at 105 ° C	3	5	1	-	
E283	Potassium propionate (POTASSIUM PROPIONATE)	preservative	99%, after drying for two hours at 105 ° C	3	5	1	-	
E290	Carbon dioxide (CARBON DIOXIDE)	acidity regulator, a propellant	99% y / y on the basis of the gas	-	-	-	-	
E296	Malic acid (MALIC ACID, DL-)	acidity regulator	99.00%	3	5	1	-	
E297	Fumaric acid (FUMARIC ACID)	acidity regulator	99.0% on an anhydrous basis	3	5	1	-	
E300	Ascorbic acid, L- (ASCORBIC ASID, L-)	antioxidant	Ascorbic acid, after drying in a vacuum desiccator over sulfuric acid for 24 hours, contains not less than 99% C6H8O6	3	5	1	-	
E30	Sodium ascorbate	antioxidant	Sodium ascorbate, after	3	5	1	-	

1	(SODIUM ASCORBATE)		drying in a vacuum desiccator over sulfuric acid for 24 hours, contains not less than 99% C6H7O6Na					
E302	Calcium ascorbate (CALCIUM ASCORBATE)	antioxidant	34% of total tocopherols	3	5	1	-	
E303	Potassium ascorbate (POTASSIUM ASCORBATE)	antioxidant						
E304	Ascorbyl palmitate (ASCORBYL PALMITATE)	antioxidant						
E304 (i)	ASCORBYL PALMITATE		98% on dry basis	3	5	1	-	
E304 (ii)	ASCORBYL STEARATE		98%	3	5	1	-	
E305	Ascorbyl stearate (ASCORBYL STEARATE)	antioxidant	95%	-	2	-	-	
E30	Tocopherols concentrate	antioxidant	34% of total tocopherols	3	5	1	-	

6	mixture (MIXED TOCOPHEROLS CONCENTRATE)							
E307	alpha-Tocopherol (ALPHA-TOCOPHEROL)	antioxidant	96%	-	2	-	-	
E308	gamma-tocopherol synthetic (SYNTETHIC GAMMA-TOCOPHEROL)	antioxidant	97%	3	5	1	-	
E309	synthetic delta-tocopherol (SYNTETHIC DELTA-TOCOPHEROL)	antioxidant	97%	3	5	1	-	
E310	Propyl gallate (PROPYL GALLATE)	antioxidant	98% on an anhydrous basis	3	5	1	-	
E311	Octyl gallate (OCTYL GALLATE)	antioxidant	98% after drying at a temperature of 90 ° C for six hours	3	5	1	-	
E312	Dodetsilgallat (DODECYL GALLATE)	antioxidant	98% after drying at a temperature of 90 ° C for six hours	3	10	1	-	
E314	Guaiac (GUAIAC RESIN)	antioxidant		-	2	-	-	
E31	Isoascorbic (erythorbic	antioxidant	98% on an anhydrous	-	2	-	-	

5	acid) (ISOASCORBIC ACID, ERYTHORBIC ACID)		basis					
E316	Izoaskorbat sodium (SODIUM ISOASCORBATE)	antioxidant	Materials not less than 98% after drying in a vacuum desiccator over sulfuric acid for 24 hours, expressed on the basis of monohydrate	3	5	1	-	
E319	tert-butyl hydroquinone (TERTIARY BUTYLHYDROQUINONE)	antioxidant	99% of $C_{10}H_{14}O_2$	-	2	-	-	
E320	Butylhydroxyanisol (BUTYLATED HYDROXYANISOLE)	antioxidant	Content of at least 98,5% C11H16O2 and not less than 85% from 3-tert-butyl-4-izomergidroksianizol	3	5	1	-	
E321	BHT, "Ionol" (BUTYLATED HYDROXYTOLUENE)	antioxidant	99%	3	5	1	-	
E322	Lecithins, phosphatides (LECITHINS)	antioxidant, emulsifier	- Lecithins: not less than 60.0% of substances	3	5	1	-	

			insoluble in acetone - Hydrolyzed lecithins: not less than 56.0% of substances insoluble in acetone					
E325	Sodium lactate (SODIUM LACTATE)	agent moisture -retaining filler	not less than 57% and not more than 66%	3 *	5 *	1 *	-	
E326	Potassium lactate (POTASSIUM LACTATE)	acidity regulator	not less than 57% and not more than 66%	3 *	5 *	1 *	-	
				Note: * This specification refers to a 60% aqueous solution				
E327	Calcium lactate (CALCIUM LACTATE)	acidity regulator, a substance for treatment of flour	98% on an anhydrous basis	3	5	1	-	
E328	Ammonium lactate (AMMONIUM LACTATE)	acidity regulator, a substance for treatment of flour						
E329	Magnesium lactate, DL- (MAGNESIUM	acidity regulator, a substance for treatment of flour						

	LACTATE, DL-)							
E330	Citric acid (CITRIC ACID)	acidity regulator, antioxidant	Citric acid may be anhydrous or it may contain one molecule of water.Citric acid contains not less than 99,5% C6H8O7, calculated on an anhydrous basis	1	1	1	-	
E331	Sodium citrate (SODIUM CITRATES):	pH regulator, emulsifier, stabilizer, carrier						
	(I) Sodium citrate 1-substituted (Sodium dihydrogen citrate),		99% on an anhydrous basis	1	1	1	-	
	(Ii) Sodium citrate 2-substituted (Disodium monohydrogen citrate),		99% on an anhydrous basis	1	1	1	-	
	(Iii) sodium citrate-substituted 3 (Trisodium citrate).		99% on an anhydrous basis	1	1	1	-	
E332	Potassium citrate (POTASSIUM CITRATES):	pH regulator, a stabilizer, a carrier						
	(I) Potassium citrate 2-substituted (Potassium dihydrogen citrate)		99% on an anhydrous basis	1	1	1	-	
	(Ii) Potassium citrate 3-substituted (Tripotassium citrate).		99% on an anhydrous basis	1	1	1	-	

EZ ZZ	Calcium citrate (CALCIUM CITRATES)	acidity regulator, stabilizer						
	(I) MONOCALCIUM CITRATE		97.5% on an anhydrous basis	1	1	1	-	
	(Ii) DICALCIUM CITRATE		97.5% on an anhydrous basis	1	1	1	-	
	(Iii) TRICALCIUM CITRATE		97.5% on an anhydrous basis	1	1	1	-	
E334	Tartaric acid, L (+) - (TARTARIC ACID, L (+) -)	acidity regulator, antioxidant		1	1	1	-	
E335	Sodium tartrate (SODIUM TARTRATES):	stabilizer						
	(I) Sodium tartrate 1-substituted (Monosodium tartrate),		99% on an anhydrous basis	3	5	1	-	
	(Ii) Sodium Tartrate 2-substituted (Disodium tartrate).		99% on an anhydrous basis	3	5	1	-	
E336	Potassium tartrate (POTASSIUM TARTRATES):	stabilizer						
	(I) potassium tartrate 1-substituted (Monopotassium tartrate)		98% on an anhydrous basis	3	5	1	-	
	(Ii) potassium tartrate 2-substituted		99% on an anhydrous	3	5	1	-	

	(Dipotassium tartrate).		basis					
E337	Potassium sodium tartrate (POTASSIUM SODIUM TARTRATE)	stabilizer	99% on an anhydrous basis	3	5	1	-	
E338	ortho-phosphoric acid (ORTHOPHOSPHORIC ACID)	acidity regulator, antioxidant	Phosphoric acid is commercially available as an aqueous solution at variable concentrations. The content is not less than 67.0% and not more than 85.7%.	3 *	-	1 *	1 *	
				Note: * This specification refers to a 75% aqueous solution				
E339	Sodium phosphates (SODIUM PHOSPHATES):	acidity regulator, emulsifier, water-retaining agent, stabilizer, emulsifier salt						
	(I) ortho-phosphate sodium 1-substituted (Monosodium orthophosphate),		After drying at 60 ° C for one hour and then at 105 ° C for four hours, contains not less than 97% NaH2PO4	3	4	1	1	
	(Ii) an ortho-phosphate, sodium 2-substituted (Disodium orthophosphate),		After drying at 40 ° C for three hours and then at	3	4	1	1	

		105 ° C for five hours, contains not less than 98% Na2HPO4					
	(Iii) ortho-phosphate, sodium 3-substituted (Trisodium orthophosphate).	Sodium Phosphate Anhydrous and hydrated forms, except dodecahydrate, contain not less than 97.0% of Na3PO4 calculated on a dry basis.Dodecahydrate sodium phosphate contains not less than 92.0% of Na3PO4 calculated based on ignited	3	4	1	1	
E340	Potassium phosphate (POTASSIUM PHOSPHATES):	acidity regulator, emulsifier, water-retaining agent, stabilizer, emulsifier salt					
	(I) potassium ortho-phosphate 1-substituted (Monopotassium orthophosphate),	98.0% after drying at 105 ° C for four hours	3	4	1	1	
	(Ii) an ortho-phosphate, potassium 2-substituted (Dipotassium orthophosphate),	98.0% after drying at 105 ° C for four hours	3	4	1	1	
	(Iii) potassium ortho-phosphate 3-substituted	97% calculated on the	3	4	1	1	

	(Tripotassium orthophosphate).	basis of a lit					
E341	Calcium phosphates (CALCIUM PHOSPHATES):	acidity regulator, flour treatment agents, stabilizer, disintegrant, the flowing agent, humectant agent, emulsifying salt, carrier					
	(I) calcium ortho-phosphate 1-substituted (Monocalcium orthophosphate),	95% on a dry basis	3	4	1	1	
	(Ii) an ortho-phosphate, calcium-substituted 2 (Dicalcium orthophosphate),	Dicalcium phosphate, after drying at 200 ° C for three hours, contains not less than 98% and not more than 102 equivalent% CaHPO4	3	4	1	1	
	(Iii) ortho-phosphate, calcium 3-substituted (Tricalcium orthophosphate).	90% calculated on the basis of a lit	3	4	1	1	
E342	Ammonium phosphates (AMMONIUM PHOSPHATES):	acidity regulator, a substance for treatment of flour					
	(I) ortho-ammonium dihydrogen phosphate (Monoammonium orthophosphate)		3	4	1	1	
	(Ii) ortho-ammonium phosphate dibasic (Diammonium orthophosphate).		3	4	1	1	
E343	Magnesium phosphate (MAGNESIUM PHOSPHATES):	acidity regulator, the flowing agent					

	(I) magnesium ortho-phosphate 1-substituted (Monomagnesium orthophosphate),		51.0% after ignition	3	4	1	1	
	(Ii) an ortho-phosphate, magnesium 2-substituted (Dimagnesium orthophosphate),		96% after ignition	3	4	1	1	
	(Iii) magnesium ortho-phosphate 3-substituted (Trimagnesium orthophosphate).		98% of Mg3 (PO4) 2 after ignition at 425o	-	4	-	-	
E350	Sodium malate (SODIUM MALATES):	acidity regulator, water-retaining agent, emulsifier, stabilizer, emulsifier salt						
	(I) Sodium malate 1-substituted (Sodium hydrogen malate),		98.0% on an anhydrous basis	3	5	1	-	
	(Ii) Sodium Malate (Sodium malate).		99.0% on an anhydrous basis	3	5	1	-	
E351	Potassium malate (POTASSIUM MALATES):	acidity regulator, water-retaining agent, emulsifier, stabilizer, emulsifier salt	59.50%	3	5	1	-	
	(I) Potassium Malate 1-substituted (Potassium hydrogen malate),							

	(Ii) potassium malate (Potassium malate).							
E352	Calcium malate (CALCIUM MALATES):	acidity regulator, water-retaining agent, emulsifier, stabilizer, emulsifier salt						
	(I) Calcium malate-substituted 1 (Calcium hydrogen malate),		97.5% on an anhydrous basis	3	5	1	-	
	(Ii) Calcium Malate (Calcium malate).		97.5% on an anhydrous basis	3	5	1	-	
E353	meta-tartaric acid (METATARTARIC ACID)	acidity regulator	99.50%	3	5	1	-	
E354	Calcium tartrate (CALCIUM TARTRATE)	acidity regulator	98.00%	3	5	1	-	
E355	Adipic acid (ADIPIC ACID)	acidity regulator	99.60%	3	5	1	-	
E356	Sodium adipate (SODIUM ADIPATES)	acidity regulator	99.0% (on anhydrous basis)	3	5	1	-	
E357	Potassium adipate (POTASSIUM ADIPATES)	acidity regulator	99.0% (on anhydrous basis)	3	5	1	-	
E359	Ammonium adipate (AMMONIUM	acidity regulator						

	ADIPATES)							
E363	Succinic acid (SUCCINIC ACID)	acidity regulator	99.00%	3	5	1	-	
E365	Sodium fumarate (SODIUM FUMARATES)	acidity regulator	Not less than 98.0% and not more than 102.0% on dry basis	-	2	-	-	
E380	Ammonium citrate (AMMONIUM CITRATES)	acidity regulator		3	5	1	-	
E381	Ammonium citrate, iron (FERRIC AMMONIUM CITRATE)	acidity regulator	Not less than 16.5% and not more than 22.5% of iron (Fe) salt to brown, and not less than 14.5% and not more than 16.0% of iron (Fe) to the green salt.	-	2	-	-	
E384	Izopropiltsitratnaya mixture (ISOPROPYL CITRATES)	antioxidant, preservative		-	2	-	-	
E385	Calcium-sodium ethylenediaminetetraacetate (CALCIUM DISODIUM EDTA)	antioxidant, preservative		3	5	1	-	

E386	Disodium EDTA (disodium ETHYLENE-Diamine-TETRA-ACETATE)	antioxidant, preservative	99.00%	-	2	-	-	-
E387	Oksistearin (OXYSTEARIN)	antioxidant						
E400	Alginic acid (ALGINIC ACID)	a thickener, a stabilizer, a carrier	Alginic acid gives, on an anhydrous basis, is not less than 20% and not more than 23% carbon dioxide (CO2), which corresponds to not less than 91% and not more than 104.5% of alginic acid (C6H8O6) n (calculted equivalent weight 200)	3	5	1	1	
				Microbiological indicators:				
				KMA Funmi CFU / g, not more than	Acid intramuscularly paloch-ka, 5 g	sebaceous monel-ly, 10 g	Yeast Mould cfu / g, more	
				5000	Do not add.	Do not add.	500	

				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E401	Sodium alginate (SODIUM ALGINATE)	a thickener, a stabilizer, a carrier	Yield, on an anhydrous basis, of not less than 18% and not more than 21% of carbon dioxide corresponding to not less than 90.8% and not more than 106.0% of sodium alginate (based on equivalent weight 222)	3	5	1	1	
				Microbiological indicators:				
				KMA Funmi CFU / g, not more than	Acid shech-tion paloch-ka, 5 g	sebaceous may nel-ly, 10 g	Yeast Mould cfu / g, more	
				5000	Do not add.	Do not add.	500	
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E402	Potassium alginate (POTASSIUM ALGINATE)	thickener, stabilizer	Yield on anhydrous basis of at least 16.5% and not more than 19.5% of carbon dioxide corresponding to not less than	3	5	1	1	

			89.2% and not more than 105.5% of potassium alginate (calculated based on an equivalent weight 238)					
				Microbiological indicators:				
				KMA Funmi CFU / g, not more than	Acid shech- tion paloch- ka, 5 g	sebaceous may nel- ly, 10 g	Yeast Mould cfu / g, more	
				5000	Do not add.	Do not add.	500	
E40 3	Ammonium alginate (AMMONIUM ALGINATE)	a thickener, a stabilizer, a carrier	Yield, on an anhydrous basis, of not less than 18% and not more than 21% of carbon dioxide corresponding to not less than 88.7% and not more than 103.6% of ammonium alginate (calculated on an equivalent basis weight of 217)	3	5	1	1	
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E40	Calcium alginate	thickener,	Yield, on an anhydrous basis,	3	5	1	1	

4	(CALCIUM ALGINATE)	stabilizer, defoaming agent carrier	of not less than 18% and not more than 21% of carbon dioxide corresponding to not less than 89.6% and not more than 104.5% of calcium alginate (calculated on the basis equivalentweight 219)					
				Microbiological indicators:				
				KMA Funmi CFU / g, not more than	Acid shech- tion paloch- ka, 5 g	sebaceous may nel- ly, 10 g	Yeast Mould cfu / g, more	
				5000	Do not add.	Do not add.	500	
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E405	Propylene glycol (PROPYLENE GLYCOL ALGINATE)	thickener, emulsifier, carrier	Yield and yield, on an anhydrous basis, is not less than 16% and not more than 20% carbon dioxide CO2	3	5	1	1	
				Microbiological indicators:				
				KMA Funmi	Acid shech-	sebaceous may	Yeast Mould cfu / g, more	

				CFU / g, not more than	tion paloch-ka, 5 g	nel-ly, 10 g		
				5000	Do not add.	Do not add.	500	
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E406	Agar (AGAR)	thickener, gelling agent, stabilizer, carrier	Threshold gel concentration should not be higher than 0.25%	3	5	1	1	
E407	Carrageenan and its sodium, potassium, ammonium salts, including furcelleran (carrageenan AND ITS Na, K, SALTS (INCLUDES FURCELLARAN)	thickener, gelling agent, stabilizer, carrier		3	5	1	1	
				Microbiological indicators:				
				KMA Funmi CFU / g,	Acid shech-tion paloch-	sebaceous may nel-	Yeast Mould cfu / g, more	

				not more than	ka, 5 g	ly, 10 g		
				5000	Do not add.	Do not add.	500	
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E407a	Carrageenan seaweed EUCHEMA (CARRAGEENAN PES-PROCESSED EUCHEMA SEA WEED)	thickener, gelling agent, stabilizer, carrier		3	5	1	1	
				Microbiological indicators:				
				KMA Funmi CFU / g, not more than	Acid shech-tion paloch-ka, 5 g	sebaceous may nel-ly, 10 g	Yeast Mould cfu / g, more	
				5000	Do not add.	Do not add.	500	
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E409	Arabinogalactan (ARABINOGALACTAN)	thickener, gelling agent, stabilizer						

E410	Locust bean gum (CAROB BEAN GUM)	a thickener, a stabilizer, a carrier	Galactomannan content 75% minimum	3	5	1	1	
E412	Guar gum (GUAR GUM)	a thickener, a stabilizer, a carrier	Galactomannan content 75% minimum	3	5	1	1	
E413	Tragacanth gum (TRAGACANTH GUM)	thickener, stabilizer, emulsifier, carrier		3	5	1	1	
				Microbiological indicators:				
				Intestinal tion coli, 5 g	Salmonella in 10 g			
				Do not add.	Do not add.			
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E414	Gum arabic (GUM ARABIC (ACACIA GUM))	a thickener, a stabilizer, a carrier		3	5	1	1	
E415	Xanthan gum (XANTAN GUM)	a thickener, a stabilizer, a carrier	Yields, on a dry basis, not less than 4.2% and not more than 5% of CO2	-	2	-	-	

			corresponding to between 91% and 108% of xanthan gum					
				Microbiological indicators: Xanthomonas campestris - cells are absent in 1 g				
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E416	Karaya gum (KARAYA GUM)	thickener, stabilizer		3	5	1	1	
				Microbiological indicators:				
				Intestinal tion coli, 5 g	Salmonella in 10 g			
				Do not add.	Do not add.			
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E417	Tara gum (TARA GUM)	thickener, stabilizer		3	5	1	1	
E418	Gellan gum (GELLAN GUM)	thickener, stabilizer, gelling agent	Yields, on a dry basis, is not less than 3.3% and not more than 6,8% of CO2	3	2	1	1	
				Microbiological indicators:				

				KMA Funmi CFU / g, not more than	Acid shech- tion paloch- ka, 5 g	sebaceous may nel- ly, 10 g	Yeast and mold cfu / g no more	
				10000	Do not add.	Do not add.	400	
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E420	Sorbitol and sorbitol syrup (SORBITOL AND SORBITOL SYRUP)	sweetener, humectant agent, an emulsifier, carrier						
	(I) SORBITOL		Not less than 97.0% of the total C6H14O6 glycitols and at least 91.0% of compounds having the structural formula SN2ON- (CHOH) n-CH2OH, where n D-sorbitol on an anhydrous basis. Refers to glycitols integer less	-	1	-	-	

			than or equal to 4.					
	(Ii) SORBITOL SYRUP		Not less than 99.0% hydrogenated saccharides and at least 50.0% of D-sorbitol on an anhydrous basis	-	1	-	-	
E421	Mannitol (MANNITOL)	sweetener, the flowing agent, the carrier	Not less than 96.0% and not more than 102.0% on dry basis	-	1	-	-	
E422	Glycerol (GLYCEROL)	water-retaining agent, thickener, carrier	Glycerol 98%, on an anhydrous basis	3	2	1	-	
E425	Konjac (Konzhakovaya flour) (KONJAC (KONJAC FLOUR)):	thickener						
	(I) Konzhakovaya gum (KONJAC GUM),		75% carbohydrates	3	2	-	-	
	(Ii) Konzhakovy glucomannan (KONJAC GLUCOMANNANE).		Total fiber: not less than 95% of the dry weight	-	1	-	-	
				Microbiological indicators:				
				Intestinal tion coli, 5 g	Salmonella, 12.5 g			

				Do not add.	Do not add.			
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E426	Soybean hemicellulose (SOYBEAN HEMICELLULOSE)	thickener, stabilizer	74% carbohydrate	2	5	1	1	-
				Microbiological indicators:				
				KMA Funmi CFU / g, not more than	Intestinal tion coli, 10 g	Yeast and mold cfu / g no more		
				3000	Do not add.	100		
				Toxic elements, mg / kg, not more				
				arsenic	lead	mercury	cadmium	
E430	Polyoxyethylene (8) stearate (POLYOXYETHYLENE (8) STEARATE)	emulsifier	Not less than 53.0 and not more than 57.0% of oxyethylene groups account for no less than 96.0 and not more than 103.0% of polyoxyethylene (8)	-	2	-	-	

			stearate, calculated on an anhydrous basis.					
E431	Polyoxyethylene (40) stearate (POLYOXYETHYLENE (40) STEARATE)	emulsifier	97.5% on an anhydrous basis	3	5	1	1	
E432	Polyoxyethylene (20) sorbitan monolaurate, Tween 20 (POLYOXYETHYLENE (20) SORBITAN MONOLAURATE)	emulsifier carrier	Content of at least 70% of oxyethylene groups, equivalent to not less than 97.3% of polyoxyethylene (20) sorbitan monolaurate anhydrous basis	3	5	1	1	
E433	Polyoxyethylene (20) sorbitan monooleate, Tween 80 (POLYOXYETHYLENE (20) SORBITAN MONOOLEATE)	emulsifier carrier	Content of at least 65% of oxyethylene groups, equivalent to not less than 96.5% of polyoxyethylene (20) sorbitan anhydrous basis	3	5	1	1	
E434	Polyoxyethylene (20) sorbitan mono-palmitate, Tween 40 (POLYOXYETHYLEN	emulsifier carrier	Content of at least 66% of oxyethylene groups, equivalent to not less than 97% of polyoxyethylene (20) sorbitan	3	5	1	1	

	E (20) SORBITAN MONOPALMITATE)		monopalmitate, anhydrous basis					
E435	Polyoxyethylene (20) sorbitan monostearate, Tween 60 (POLYOXYETHYLENE (20) SORBITAN MONOSTEARATE)	emulsifier carrier	Content of at least 65% of oxyethylene groups, equivalent to not less than 97% of polyoxyethylene (20) sorbitan monostearate, anhydrous basis	3	5	1	1	
E436	Polyoxyethylene (20) sorbitan tri-stearate (POLYOXYETHYLENE (20) SORBITAN TRISTEARATE)	emulsifier carrier	Content of at least 46% of oxyethylene groups, equivalent to not less than 96% of polyoxyethylene (20) sorbitan tristearate, anhydrous basis	3	5	1	1	
E440	Pectins (PECTINS)	thickener, stabilizer, gelling agent, carrier						
	(I) PECTIN		Content of at least 65% galacturonic acid based ashless and after washing with anhydrous acid and an alcohol	3	5	1	1	
	(Ii) AMIDATED PECTIN		Content of at least 65% galacturonic acid based ashless and after washing	3	5	1	1	

			with anhydrous acid and an alcohol					
E442	Phosphatidic acid ammonium salts (ammonium phosphatides) (AMMONIUN SALTS OF PHOSPHATIDIC ACID)	emulsifier carrier	Phosphorus content of not less than 3% and not more than 3.4% by weight;ammonium content is not less than 1.2% and not more than 1.5% (calculated as N),	3	5	1	1	
E444	Sucrose acetate isobutyrate (SUCROSE ACETATE ISOBUTIRAT)	emulsifier, stabilizer	98.8% and not more than 101,9% of C40H62O19	3	3	1	1	
E445	Glycerol esters of resin acids (GLYCEROL ESTERS OF WOOD RESIN)	emulsifier, stabilizer		3	2	1	1	
E450	Pyrophosphate (DIPHOSPHATES):							
	(I) Disodium pyrophosphate (Disodium diphosphate),		95% Sodium diphosphate	3	4	1	1	
	(Ii) sodium Monogidropirofosfat (Trisodium diphosphate),		95% on an anhydrous basis	3	4	1	1	
	(Iii) Sodium pyrophosphate (Tetrasodium		95% of Na4P2O7 based on	3	4	1	1	

	diphosphate);	ignition					
	(Iv) Potassium Digidropirofosfat (Dipotassium diphosphate),						
	(V) Potassium pyrophosphate (Tetrapotassium diphosphate),	95% based on ignition	3	4	1	1	
	(Vi) Calcium pyrophosphate (Dicalcium diphosphate),	96%	3	4	1	1	
	(Vii) Digidropirofosfat Calcium (Calcium dihydrogen diphosphate).	90% on an anhydrous basis	3	4	1	1	
E451	Triphosphates (TRIPHOSPHATES):	acidity regulator					
	(I) Sodium triphosphate (5-substituted) (Pentasodium triphosphate),	85,0% (anhydrous) or 65,0% (hexahydrate)	3	4	1	1	
	(Ii) Potassium triphosphate (5-substituted) (Pentapotassium triphosphate).	85% on an anhydrous basis	3	4	1	1	
E452	Polyphosphates (POLYPHOSPHATES):	emulsifier, stabilizer, humectant agent					
	(I) polyphosphate Sodium (Sodium polyphosphate),						
	1. SOLUBLE POLYPHOSPHATE	P2O5 content is not less than 60% and not more than 71% based on ignition	3	4	1	1	-
	2. INSOLUBLE POLYPHOSPHATE	P2O5 content is not less than 68.7% and not more than 70.0%	3	4	1	1	-
	(Ii) potassium polyphosphate (Potassium	P2O5 content is not less	3	4	1	1	-

	polyphosphate),		than 53.5% and not more than 61.5% on the basis of the ignition					
	(Iii) sodium calcium polyphosphate (Sodiumcalcium polyphosphate),		Not less than 61% and not more than 69% as P2O5	3	4	1	1	-
	(Iv) calcium polyphosphates (Calcium polyphosphates),		P2O5 content is not less than 71% and not more than 73% based on ignition	3	4	1	1	-
	(V) an ammonium polyphosphate (Ammonium polyphosphates).		Not less than 55.0% and not more than 75.0% on an anhydrous basis, calculated as P2O5	-	4	-	-	-
E459	beta-cyclodextrin (BETA-CYCLODEXTRIN)	stabilizer, carrier	98.0% of (C6H10O5) 7 on an anhydrous basis	1	1	-	-	-
E460	Cellulose (CELLULOSE):	emulsifier, the flowing agent, the carrier						
	(I) microcrystalline cellulose (Microcrystalline cellulose),		97% as calculated on an anhydrous basis cellulose	3	5	1	1	10
	(Ii) Cellulose powder (Powdered cellulose).		92%	3	5	1	1	10
E461	Methylcellulose (METHYL CELLULOSE)	thickener, emulsifier, stabilizer, carrier	The content is not less than 25% and not more than 33% of methoxy groups (-OCH3)	3	5	1	1	20

			and not more than 5% hydroxyethoxyl group (-OCH2CH2OH)					
E462	Ethyl cellulose (ETHYL CELLULOSE)	excipient, carrier	The content is not less than 44% and not more than 50% ethoxyl group (-OC2H5) on a dry basis (equivalent to not more than 2,6 ethoxyl groups per anhydroglucose unit)	3	2	1	1	-
E463	Hydroxypropyl cellulose (HYDROXYPROPYL CELLULOSE)	thickener, emulsifier, stabilizer	Content of at least 80,5% hydroxypropoxyl group (-OCH2CHOHCH3), equivalent to not more than 4.6 hydroxypropyl groups per anhydroglucose unit on an anhydrous basis	3	5	1	1	20
E464	Hydroxypropyl methylcellulose (HYDROXYPROPYL METHYL CELLULOSE)	thickener, emulsifier, stabilizer, carrier	The content is not less than 19% and not more than 30% of methoxy groups (-OCH 3) and not less than 3% and not more than 12% hydroxypropoxyl groups	3	5	1	1	20

			(-OCH2CHOHCH3), anhydrous basis					
E465	Methylethyl (METHYL ETHYL CELLULOSE)	thickener, emulsifier, stabilizer, foaming agent carrier	Content on an anhydrous basis of at least 3.5% and not more than 6.5% of methoxy groups (-OCH 3) and not less than 14.5% and not more than 19% ethoxyl group (-OCH2CH3), and not less than 13.2% not more than 19.6% of the total number of alkoxy groups is calculated as	3	5	1	1	20
E466	Carboxymethylcellulose (CARBOXYMETYL CELLULOSE)	a thickener, a stabilizer, a carrier						
	Carboxymethylcellulose sodium salt (SODIUM CARBOXYMETYL CELLULOSE)		Content on an anhydrous basis of at least 99.5%	3	5	1	1	20
	Cellulose gum (CELLULOSE GUM)							
E467	Ethylhydroxyethylcellulose (ETHYL HYDROXYETHYL CELLULOSE)	emulsifier, thickener, stabilizer	Not less than 7% and not more than 19% ethoxyl groups (-OC2H5), and not less than 10% and not more	-	5	-	-	-

			than 38% of oxyethylene groups (-OCH2CH2-), and dry salt free.					
E468	Kroskaramelloza (carboxymethylcellulose sodium salt krossvyazannaya) - CROSCARAMELLOSE (CROS-S-LINKED SODIUM CARBOXYMETYL CELLULOSE)	stabilizer, carrier		3	5	1	1	-
E469	Enzymatically hydrolyzed carboxymethylcellulose (ENZYMATICALLY HYDROLYSED CARBOXYMETYL CELLULOSE)	a thickener, a stabilizer, a carrier	Not less than 99.5%, including mono- and disaccharides, on a dry basis	-	3	-	-	-
	Enzymatically hydrolyzed cellulose gum (ENZYMATICALLY HYDROLYSED CELLULOSE GUM)							
E470	Fatty acids, salts of calcium, sodium, magnesium, potassium and ammonium (SALTS OF FATTY ACIDS (Base with AI, Ca, Na, Mg,	an emulsifier, a stabilizer, the flowing agent, the carrier						

	and K))							
E470a	SODIUM, POTASSIUM AND CALCIUM SALTS OF FATTY ACIDS		Content on an anhydrous basis of at least 95%	3	5	1	1	10
E 470b	MAGNESIUM SALTS OF FATTY ACIDS		Content on an anhydrous basis of at least 95%	3	5	1	1	10
E471	Mono- and diglycerides of fatty acids (MONO- AND DIGLYCERIDES OF FATTY ACIDS)	emulsifier, stabilizer, carrier	The content of mono- and diesters of not less than 70%	3 *	5 *	1 *	1 *	10 *
E472a	Esters of glycerol and acetic acid and fatty acids (ESTERS ACETIC AND FATTY ACID OF GLYCEROL)	emulsifier, stabilizer, carrier		3 *	5 *	1 *	1 *	10 *
E472b	Esters of glycerol and fatty acids and breast (ESTERS LACTIC AND FATTY ACID OF GLYCEROL)	emulsifier, stabilizer,		3 *	5 *	1 *	1 *	10 *
E472s	Esters of citric acid and glycerol and fatty acids (CITRIC AND FATTY ACID ESTERS OF	emulsifier, stabilizer, carrier		-	2 *	-	-	-

	GLYCEROL)						
E472d	Esters of mono- and diglycerides of fatty acids, and tartaric acid (TARTARIC ACID ESTERS OF MONO- AND DIGLYCERIDES OF FATTY ACIDS)	emulsifier, stabilizer		3 *	5 *	1 *	1 *	10 *
E472e	And diacetyl tartaric esters of glycerol and fatty acids (DIACETYLTARTARIC AND FATTY ACID ESTERS OF GLYCEROL)	emulsifier, stabilizer, carrier		3 *	5 *	1 *	1 *	10 *
E472f	Mixed esters of glycerol and tartaric, acetic and fatty acids (MIXED TARTARIC, ACETIC AND FATTY ACID ESTERS OF GLYCEROL)	emulsifier, stabilizer,		3 *	5 *	1 *	1 *	10 *
E473	Sucrose esters of fatty acids (SUCROSE ESTERS OF FATTY ACIDS)	emulsifier carrier	80%	3 *	5 *	1 *	1 *	10 *
E474	Saharoglitseridy	emulsifier	not less than 40% and not	3 *	5 *	1 *	1 *	10

	(SUCROGLYCERIDES)		more than 60% of sucrose fatty acid esters					*
E475	Polyglycerol esters of fatty acids (POLYGLYCEROL ESTERS OF FATTY ACIDS)	emulsifier carrier	The content of total fatty acid ester of not less than 90%	3 *	5 *	1 *	1 *	10 *
				Note: * Note: purity criterion used to supplement the security of sodium, potassium and calcium salts of fatty acids, but these agents may represent a maximum level of 6% (as sodium oleate).				
E476	Polyglycerol esters and acids vzaimoeterifitsirovannyh ritsinolovyh (POLYGLYCEROL ESTERS OF INTERESTERIFIED RICINOLEIC ACID)	emulsifier		3	5	1	1	10
E477	Propylene glycol esters of fatty acids (PROPYLENE GLYCOL ESTERS OF FATTY ACIDS)	emulsifier	The content of total fatty acid ester is not less than 85%	3 *	5 *	1 *	1 *	10 *
				Note: * Note: purity criterion used to supplement the security of sodium, potassium and calcium salts of fatty				

				acids, but these agents may represent a maximum level of 6% (as sodium oleate).				
E479	Thermally oxidized soya bean oil with mono- and diglycerides of fatty acids (THERMALLY OXIDIZED SOYABEAN OIL WITH MONO- AND DIGLYCERIDES OF FATTY ACIDS)	emulsifier						
E479b	THERMALLY OXIDISED SOYA BEAN OIL INTERACTED WITH MONO- AND DIGLYCERIDES OF FATTY ACIDS			3	5	1	1	10
E480	Dioctyl sodium (DIOCTYL SODIUM SULPHOSUCCINATE)	emulsifier, water-retaining agent	98.5% on dry basis	-	2	-	-	-
E481	Stearoyl-2-lactylate, sodium (SODIUM STEAROYL -2-LACTYLATE)	emulsifier, stabilizer		3	5	1	1	10
E482	Stearoyl-2-lactylate, calcium (CALCIUM STEAROYL -2-LACTYLATE)	emulsifier, stabilizer		3	5	1	1	10
E483	Stearyltartrat (STEARYL TARTRATE)	agent for treating flour	Total ester content of not less than 90% the value of	3	5	1	1	10

			the corresponding esters least 163 and not more than 180					
E484	Stearyltsitrat (STEARYL CITRATE)	emulsifier		-	2	-	-	-
E491	Sorbitan monostearate, SPAN 60 (SORBITAN MONOSTEARATE)	emulsifier carrier	The content is not less than 95% of the mixture sorbitol, sorbitol esters and isosorbide	3	5	1	1	10
E492	Sorbitan tristearate (SORBITAN TRISTEARATE)	emulsifier carrier	The content is not less than 95% of the mixture sorbitol, sorbitol esters and isosorbide	3	5	1	1	10
E493	Sorbitan monolaurate, SPAN 20 (SORBITAN MONOLAURATE)	emulsifier carrier	The content is not less than 95% of a mixture of sorbitol, sorbitan and isosorbide esters	3	5	1	1	10
E494	Sorbitan monooleate, SPAN 80 (SORBITAN MONOOLEATE)	emulsifier carrier	The content is not less than 95% of the mixture sorbitol, sorbitol esters and isosorbide	3	5	1	1	10
E495	Sorbitan monopalmitate, SPAN 40 (SORBITAN	emulsifier carrier	The content is not less than 95% of a mixture of	3	5	1	1	10

	MONOPALMITATE)		sorbitol, sorbitan and isosorbide esters					
E500	Sodium carbonate (SODIUM CARBONATES):	acidity regulator, raising agent, the agent Flowing						
	(I) Sodium Carbonate (Sodium carbonate),		99% of Na2CO3 anhydrous basis	3	5	1	-	-
	(Ii) Sodium bicarbonate (Sodium hydrogen carbonate),		99% on an anhydrous basis	3	5	1	-	-
	(Iii) A mixture of sodium hydrogen carbonate and (Sodium sesquicarbonate).		between 35.0% and 38,6% NaHCO3 and between 46.4% and 50,0% Na2CO3	3	5	1	-	-
E501	Potassium carbonate (POTASSIUM CARBONATES):	pH regulator, a stabilizer, a carrier						
	(I) Potassium carbonate (Potassium carbonate),		99.0% on an anhydrous basis	3	5	1	-	-
	(Ii) Sodium Potassium (Potassium hydrogen carbonate).		The content is not less than 99.0% and not more than 101,0% KHCO3 anhydrous basis	3	5	1	-	-
E503	Ammonium carbonate (AMMONIUM CARBONATES):	acidity regulator, raising agent						

	(I) Ammonium carbonate (Ammonium carbonate),		not less than 30.0% and not more than 34,0% of NH3	3	5	1	-	-
	(Ii) Ammonium bicarbonate (Ammonium hydrogen carbonate).99.00%			3	5	1	-	-
E504	Magnesium carbonate (MAGNESIUM CARBONATES):	acidity regulator, the flowing agent, locking in color, medium						
	(I) magnesium carbonate (Magnesium carbonate),		Not less than 24.0% and not more than 26,4% of Mg	-	2	-	-	-
	(Ii) Magnesium bicarbonate (Magnesium hydrogen carbonate).		Mg content of not less than 40.0% and not more than 45.0% calculated as MgO	3	10	1	-	-
E507	Hydrochloric acid (HYDROCHLORIC ACID)	acidity regulator	Hydrochloric acid is commercially available in various concentrations.Concentrated hydrochloric acid contains not less than 35,0% HCl	1	1	1	-	-
E508	Potassium chloride (POTASSIUM CHLORIDE)	gelling agent, carrier	99% on dry basis	3	5	1	1	10
E509	Calcium chloride (CALCIUM CHLORIDE)	seal carrier	93.0% on an anhydrous basis	3	10	1	-	-
E510	Ammonium chloride (AMMONIUM	agent for treating flour	99.0% on dry basis	-	2	-	-	-

	CHLORIDE)							
E511	Magnesium chloride (MAGNESIUM CHLORIDE)	seal carrier	99.00%	3	10	1	-	-
E513	Sulfuric acid (SULPHURIC ACID)	acidity regulator	Sulfuric acid is commercially available in various concentrations.Concentrated form contains not less than 96.0%	3	5	1	-	-
E514	Sodium sulfate (SODIUM SULPHATES)	acidity regulator, the carrier						
	(I) SODIUM SULPHATE		99.0% on an anhydrous basis	3	5	1	-	-
	(Ii) SODIUM HYDROGEN SULPHATE		95.20%	3	5	1	-	-
E515	Potassium sulfate (POTASSIUM SULPHATES)	acidity regulator, the carrier						
	(I) POTASSIUM SULPHATE		99.00%	3	5	1	-	-
	(Ii) POTASSIUM HYDROGEN SULPHATE		99.00%	3	5	1	-	-
E516	Calcium sulfate (CALCIUM SULPHATE)	flour treatment agents, seal carrier	99.0% on an anhydrous basis	3	5	1	-	-
E517	Ammonium sulfate (AMMONIUM	flour treatment agents, stabilizers,	not less than 99.0% and not more than 100.5%	-	5	-	-	-

	SULPHATE)	carriers						
E518	Magnesium sulfate (MAGNESIUM SULPHATE)	compactor	Not less than 99.0% and not more than 100.5% based on ignition	3	2	-	-	-
E520	Aluminum sulfate (ALUMINIUM SULPHATE)	compactor	99.5% based on ignition	3	10	1	-	-
E521	Sodium aluminum sulfate, alum, aluminum-sodium (ALUMINIUM SODIUM SULPHATE)	compactor	Content on an anhydrous basis of at least 96,5% (anhydrous) and 99,5% (dodecahydrate)	3	5	1	-	-
E522	Potassium alum, alum, aluminum-potassium (ALUMINIUM POTASSIUM SULPHATE)	acidity regulator, stabilizer	99.50%	3	5	1	-	-
E523	Ammonium aluminum sulfate, alum alyumoammiachnye (ALUMINIUM AMMONIUM SULPHATE)	stabilizer seal	99.50%	3	5	1	-	-
E524	Sodium hydroxide (SODIUM HYDROXIDE)	acidity regulator	The content of solid forms not less than 98.0% of the total alkali (as NaOH). Contents	3	0.5	1	-	-

			solutions, respectively, based on the percentage of said labeled or NaOH					
E525	Potassium hydroxide (POTASSIUM HYDROXIDE)	acidity regulator	85,0% of alkali calculated as KOH	3	10	1	-	-
E526	Calcium hydroxide (CALCIUM HYDROXIDE)	acidity regulator, seal	92.00%	3	10	-	-	-
E527	Ammonium hydroxide (AMMONIUM HYDROXIDE)	acidity regulator	27% of NH3	3	5	-	-	-
E528	Magnesium hydroxide (MAGNESIUM HYDROXIDE)	acidity regulator, lock color	95.0% on an anhydrous basis	3	10	-	-	-
E529	Calcium oxide (CALCIUM OXIDE)	acidity regulator, a substance for treatment of flour	95.0% based on ignition	3	10	-	-	-
E530	Magnesium oxide (MAGNESIUM OXIDE)	Flowing agent	98.0% based on ignition	3	10	-	-	-
E535	Sodium ferrocyanide (SODIUM FERROCYANIDE)	Flowing agent	99.00%	-	5	-	-	-
E536	Potassium ferrocyanide	Flowing agent	99.00%	-	5	-	-	-

	(POTASSIUM FERROCYANIDE)							
E538	Calcium ferrocyanide (CALCIUM FERROCYANIDE)	Flowing agent	99.00%	-	5	-	-	-
E541	Sodium aluminophosphate sour (SODIUM ALUMINIUM PHOSPHATE ACIDIC)	acidity regulator, emulsifier	95.0% (both forms)	3	4	1	1	-
E542	Bone phosphate (calcium phosphate) (BONE PHOSPHATE (essentiale Calcium phosphate, tribasic)	emulsifier agent of flowing, water-retaining agent	Not less than 30% and not more than 40% of Ca, and at least 32% of P2O5.	3	2	-	-	-
				Microbiological indicators:				
				The total number of aerobic.mic. Cfu / g, more	Intestinal tion palochka, 10 g	Salmonella in 50 g		

				1000	Do not add.	Do not add.		
E551	Amorphous silicon dioxide (SILICON DIOXIDE AMORPHOUS)	Flowing agent, carrier	Contents after ignition not less than 99,0% (fumed silica) or 94,0% (hydrated forms)	3	5	1	-	-
E552	Calcium silicate (CALCIUM SILICATE)	Flowing agent, carrier	Content on an anhydrous basis: - as SiO2 is not less than 50% and not more than 95% - as CaO not less than 3% and not more than 35%	3	5	1	-	-
E553	Magnesium silicates (MAGNESIUM SILICATES):	Flowing agent						
	(I) magnesium silicate (Magnesium silicate),		Content of at least 15% of MgO and not less than 67% of SiO2, based on ignited	3	5	1	-	-
	(Ii) magnesium trisilicate (Magnesium trisilicate),		The content is not less than 29,0% of MgO and not less than 65,0% of SiO2, based on ignited	3	5	1	-	-
	(Iii) Talc (Talc).			10	5	-	-	-
E554	Sodium aluminosilicate (SODIUM	Flowing agent	Content on an anhydrous basis: - as SiO2 least 66.0% and not	3	5	1	-	-

	ALUMINOSILICATE)		more than 88,0% - as Al2O3 not less than 5.0% and not more than 15.0%					
E555	Potassium aluminum silicate (POTASSIUM ALUMINIUM SILICATE)	Flowing agent	98%	3	10	1	2	-
E556	Calcium aluminosilicate (CALCIUM ALUMINIUM SILICATE)	Flowing agent	Content on an anhydrous basis: - as SiO2 least 44.0% and not more than 50,0% - as Al2O3 not less than 3.0% and not more than 5,0% - as CaO not less than 32.0% and not more than 38 0%	3	10	1	-	-
E558	Bentonite (BENTONITE)	Flowing agent, carrier	Montmorillonite content 80% minimum	2	20	-	-	-
E559	Aluminum silicate (kaolin) - ALUMINIUM SILICATE (KAOLIN)	Flowing agent, carrier	The content is not less than 90% (the sum of silica and alumina, after ignition), silicon (SiO2) between 45% and 55% alumina (Al2O3) from 30% to 39%	3	5	1	-	-
E570	Fatty acids (FATTY	stabilizer, glazing agent,	98% via chromatography	3	1	1	-	-

	ACIDS)	defoamer, the carrier						
E574	Gluconic acid (D-) (GLUCONIC ACID (D-)	acidity regulator, antioxidant, baking powder	50.0% (as gluconic acid)	3	5	1	-	-
E575	Glucono-delta-lactone (GLUCONO DELTA-LACTONE)	acidity regulator, antioxidant, baking powder	99.0% on an anhydrous basis	-	2	-	-	-
E576	Sodium gluconate (SODIUM GLUCONATE)	acidity regulator, antioxidant	98.00%	-	2	-	-	-
E577	Potassium gluconate (POTASSIUM GLUCONATE)	pH regulator, antioxidant carrier	not less than 97.0% and not more than 103.0% on dry basis	-	2	-	-	-
E578	Calcium gluconate (CALCIUM GLUCONATE)	acidity regulator, seal	not less than 98.0% and not more than 102% on the anhydrous and monohydrate basis	-	2	-	-	-
E579	Ferrous gluconate (FERROUS GLUCONATE)	lock color	95% on a dry basis	3	5	1	1	-
E580	Magnesium gluconate (MAGNESIUM GLUCONATE)	acidity regulator, antioxidant seal	Not less than 98.0% and not more than 102.0%, on an anhydrous basis	-	2	-	-	-

E585	Iron lactate (FERROUS LACTATE)	lock color	96% on dry basis	3	5	1	1	-
E586	4-Hexylresorcinol (4-HEXYLRESORCINOL)	antioxidant	98% on dry basis	-	2	3	-	-
E620	Glutamic acid, L (+) - (GLUTAMIC ACID, L (+) -)	flavor enhancer	not less than 99.0% and not more than 101.0%, on an anhydrous basis	-	2	-	-	-
E621	Monosodium glutamate 1-substituted (MONOSODIUM GLUTAMATE)	flavor enhancer	The content is not less than 99.0% and not more than 101.0%, on an anhydrous basis	-	2	-	-	-
E622	Potassium glutamate 1-substituted (MONOPOTASSIUM GLUTAMATE)	flavor enhancer	The content is not less than 99.0 and not more than 101.0%, on an anhydrous basis	-	2	-	-	-
E623	Calcium glutamate (CALCIUM GLUTAMATE)	flavor enhancer	not less than 98.0% and not more than 102.0%, on an anhydrous basis	-	2	-	-	-
E624	Ammonium glutamate 1-substituted (MONOAMMONIUM GLUTAMATE)	flavor enhancer	not less than 99.0% and not more than 101.0%, on an anhydrous basis	-	2	-	-	-

E625	Magnesium glutamate (MAGNESIUM GLUTAMATE)	flavor enhancer	not less than 95.0% and not more than 105.0%, on an anhydrous basis	-	2	-	-	-
E626	Guanylic acid (GUANYLIC ACID)	flavor enhancer	than 97,0% on an anhydrous basis	-	2	-	-	-
E627	5'-guanylate, sodium 2-substituted (DISODIUM 5'-GUANYLATE)	flavor enhancer	97.0% on an anhydrous basis	-	2	-	-	-
E628	5'-guanylate, potassium 2-substituted (DIPOTASSIUM 5'-GUANYLATE)	flavor enhancer	97.0% on an anhydrous basis	-	2	-	-	-
E629	Calcium 5'-guanylate (CALCIUM 5'-GUANYLATE)	flavor enhancer	97.0% on an anhydrous basis	-	2	-	-	-
E630	Inosinic acid (INOSINIC ACID)	flavor enhancer	97.0% on an anhydrous basis	-	2	-	-	-
E631	5'-inosinate, sodium 2-substituted (DISODIUM 5'-INOSINATE)	flavor enhancer	97.0% on an anhydrous basis	-	2	-	-	-
E632	Potassium inosinate	flavor enhancer	97.0% on an anhydrous basis	-	2	-	-	-

	(POTASSIUM INOSINATE)							
E633	Calcium 5'-inosinate (CALCIUM 5'-INOSINATE)	flavor enhancer	97.0% on an anhydrous basis	-	2	-	-	-
E634	5'-ribonucleotide calcium (CALCIUM 5'-RIBONUCLEOTIDES)	flavor enhancer	Content and main components is not less than 97.0%, and each component is not less than 47.0% and not more than 53%, in each case, on an anhydrous basis	-	2	-	-	-
E635	5'-ribonucleotide sodium 2-substituted (DISODIUM 5'-RIBONUCLEOTIDES)	flavor enhancer	Content and main components is not less than 97.0%, and each component is not less than 47.0% and not more than 53%, in each case, on an anhydrous basis	-	2	-	-	-
E636	Maltol (MALTOL)	flavor enhancer	99.0%, calculated on an anhydrous basis	-	1	-	-	-
E637	Etilmaltol (ETHYL MALTOL)	flavor enhancer	99.0%, calculated on an anhydrous basis	-	1	-	-	-
E640	Glycine and its sodium salt (GLYCINE AND	flavor enhancer, carrier	98.5% on an anhydrous basis	3	5	1	-	-

	ITS SODIUM SALT)							
E650	Zinc acetate (ZINC ACETATE)	flavor enhancer	not less than 98% and not more than 102% C4H6O4 Zn · 2H2O	3	20	-	5	-
E900	Polydimethylsiloxane (POLYDIMETHYLSILOXANE)	defoamer, emulsifier Flowing Agent	The total silicon content of not less than 37.3% and not more than 38.5%	3	5	1	-	-
E901	Beeswax, white and yellow (BEESWAX, WHITE AND YELLOW)	glazing agent, carrier		3	5	1	-	-
E902	Wax candle (CANDELILLA WAX)	Glazing		3	5	1	-	-
E903	Carnauba wax (CARNAUBA WAX)	Glazing		3	5	1	-	-
E904	Shellac (SHELLAC)	Glazing						
E905	Microcrystalline wax (MICROCRYSTALLINE WAX)	Glazing	The molecular weight of not less than 500;Viscosity at 100 ° C, not less than 1.1 mm / sec	3	3			The contents of benzo (a) pyrene, less than 50 mg / kg; The sulfur content of not more than 0.4 wt.%
E907	Poly-1-decene hydrogenated (hydrogenated POLY-1-DECENE)	Glazing	Not less than 98.5% of hydrogenated poly-1-decene, oligomers having the following distribution: C30: 13-37%	-	1	-	-	-

			C40: 35-70% C50: 9-25% C60: 1-7%					
E912	Montanic esters (oktakozanovoy) acid (MONTANIC ACID ESTERS)	Glazing		2	2	-	-	-
E914	Oxidized polyethylene wax (OXIDIZED POLYETHYLENE WAX)	Glazing		-	2	-	-	-
E920	Cysteine, L-, and its hydrochloride, sodium and potassium salts (cysteine, L, AND ITS HYDROCHLORIDES-SODIUM AND POTASSIUM SALTS)	agent for treating flour	not less than 98.0% and not more than 101.5%, on an anhydrous basis	1.5	5	-	-	-
E927b	Carbamide (urea) - CARBAMIDE (UREA)	flour treatment agents, flavor enhancer	99.0% on an anhydrous basis	3	5	-	-	-
E928	Benzoyl peroxide (BENZOYL PEROXIDE)	flour treatment agents, preservative	96%	-	2	-	-	-
E938	Argon (ARGON)	propellant gas packaging	99%	-	-	-	-	-

E939	Helium (GELLIUM)	propellant gas packaging	99%	-	-	-	-	-
E941	Nitrogen (NITROGEN)	propellant gas packaging	99%	-	-	-	-	-
E942	Nitrous oxide (NITROUS OXIDE)	propellant gas packaging	99%	-	-	-	-	-
E943a	Bhutan (BUTANE)	propellant gas packaging	96%	-	-	-	-	-
E943b	Isobutane (ISOBUTANE)	propellant gas packaging	94%	-	-	-	-	-
E944	Propane (PROPANE)	propellant gas packaging	95%	-	-	-	-	-
E948	Oxygen (OXYGEN)	propellant gas packaging	99%	-	-	-	-	-
E949	Hydrogen (HYDROGEN)	propellant gas packaging	99.9%	-	-	-	-	-
E950	Acesulfame potassium (ACESULFAME POTASSIUM)	sweetener	Not less than 99.0% and not more than 101.0% on dry basis	-	1	-	-	-
E951	Aspartame (ASPARTAME)	sweetener, flavor enhancer	Not less than 98% and not more than 102% on dry basis	-	1	-	-	-
E952	Cyclamic acid and its sodium and calcium salts	sweetener	Cyclamic acid content is not less than 98% and not more than 102% based on	3	1			Content,% (based on dry weight)

	(CYCLAMIC ACID and Na, Ca salts)		the anhydrous C6H13NO3S					Tsiklogeksi-lamina, no more than 10 mg / kg;dicyclohexyl geksila-mine, not more than 1 mg / kg;Aniline is not more than 1 mg / kg
	952 (ii) CALCIUM CYCLAMATE		Not less than 98.0% and not more than 101.0%, on an anhydrous basis	-	1	-	-	-
	952 (iv) SODIUM CYCLAMATE		Not less than 98.0% and not more than 101.0% on dry basis	-	1	-	-	-
E953	Isomalt, isomalt (ISOMALT, ISOMALTITOL)	sweetener Flowing agent, excipient, carrier, coating	Not less than 98% of hydrogenated mono- and disaccharides and not less than 86% of a mixture of 6-O-alpha-D-glucopyranosyl-D-sorbitol and 1-O-alpha-D-glyukopiranozil-D-mannitol, anhydrous basis	-	1	-	-	-
E954	Saccharin (as sodium, potassium, calcium salts) (SACCHARIN and Na, K, Ca salts)	sweetener						
	954 (i) SACCHARIN		Not less than 99% and not more than	-	1	-	-	-

			101.0% on dry basis					
	954 (ii) CALCIUM SACCHARIN		99% after drying	-	1	-	-	-
	954 (iii) POTASSIUM SACCHARIN		Not less than 99% and not more than 101% on dry basis	-	1	-	-	-
	954 (iv) SODIUM SACCHARIN		Not less than 99% and not more than 101% on dry basis	-	1	-	-	-
E955	Sucralose (trihlorgalaktosaharoza) (sucralose (TRICHLOROGALACTO-Sucrose))	sweetener	Not less than 98% and not more than 102% based on the anhydrous basis	-	1	-	-	-
E957	Thaumatin (THAUMATIN)	sweetener, flavor enhancer	Not less than 15.1% nitrogen on a dry basis, equivalent to not less than 93% protein (N x 6.2)	-	3	-	-	-
				Microbiological indicators:				
				The total number of aerobic.mic. Cfu /	E. coli in 1 g			

				g, more					
				1000	Do not add.				
E959	Neohesperidin dihydrochalcone (NEOHESPERIDINE DIHYDROCHALCONE)	sweetener	Neohesperidin content based on the dry weight of not less than 96%	3	2				
E960	Steviol glycosides (STEVIOL GLYCOSIDES)	sweetener	Steviol glycosides content not less than 95% (stevioside, rebaudioside A, B, C, D, E and F, steviolbioside, rubusosidov, dulkozidov (based on dry weight).	1	1	Residual amounts of solvent teley, no more: methanol - 200 mg / kg Ethanol - 1 g / kg			
E961	Neotame (NEOTAME)	sweetener	97.0% on a dry basis	-	1	-	-	-	
E962	Aspartame-acesulfame salt (SALT OF ASPARTAME-acesulfame)	sweetener	63.0% to 66.0% aspartame (dry basis) to 34.0% and 37.0% acesulfame (acid form on a dry basis).	-	1	-	-	-	
E965	Maltitol and maltitol syrup (MALTITOL AND MALTITOL SYRUP)	sweetener, stabilizer, emulsifier, carrier							
	965 (i) MALTITOL		98.0%	-	1	-	-	-	
	965 (ii) MALTITOL SYRUP		Not less than 99.0% of the total number of hydrogenated saccharides and anhydrous basis of at least 50.0%	-	1	-	-	-	

			maltitol, on an anhydrous basis					
E966	Lactitol (LACTITOL)	sweetener carrier	Not less than 95.0% and not more than 102.0%, on an anhydrous basis	-	1	-	-	-
E967	Xylitol (XYLITOL)	sweetener, water-retaining agent, stabilizer, emulsifier	Not less than 98.5% and not more than 101.0%, on an anhydrous basis	-	1	-	-	-
E968	Erythritol (ERYTHRITOL)	sweetener, water-retaining agent, stabilizer	Erythritol content, at least 99% (based on dry weight).		1			
E999	Quillaia extract (QUILLAIA EXTRACTS)	foamer		2	5	1	-	-
E1200	Polydextrose (POLYDEXTROSES)	stabilizer, thickener, humectant agent, carrier	90% polymer on an anhydrous basis, and ashless	-	0.5	-	-	-
E1201	Polyvinylpyrrolidone (POLYVINYLPYRROLIDONE)	a thickener, a stabilizer, a carrier	not less than 11.5% and not more than 12.8% nitrogen (N), on an anhydrous basis	-	5	-	-	-

E1202	Polyvinylpolypyrrolidone (POLYVINYLPOLYPYR-ROLIDONE)	coloring retainer, stabilizer, carrier	not less than 11% and not more than 12.8% nitrogen (N), on an anhydrous basis	-	5	-	-	-
E1203	Polyvinyl alcohol (POLYVINYL ALCOHOL)	water-retaining agent, glazing agent		-	2	-	-	-
E1204	Pullulan (PULLULAN)	glazing agent, thickener	90% of the glucan on a dry basis	-	1	-	-	-
				Microbiological indicators:				
				CGB (number form), 25 g	sebaceous monel-ly, 25 g	Yeast Mould cfu / g, more		
				Do not add.	Do not add.	100		
				Toxic elements, mg / kg, not more				

				arsenic	lead	mercury	cadmium	the amount of heavy metals (lead equivalent)
E1400	Dextrin, starch, thermally processed, white and yellow (DEXTRINS, ROASTED STARCH WHITE AND YELLOW)	stabilizer, thickener		-	2	-	-	-

E1401	Starch treated with acid (ACID-TREATED STARCH)	stabilizer, thickener	-	2	-	-	-
E1402	Starch treated with alkali (ALKALINE TREATED STARCH)	stabilizer, thickener	-	2	-	-	-
E1403	Bleached starch (BLEACHED STARCH)	stabilizer, thickener	-	2	-	-	-
E1404	Oxidized starch (OXIDIZED STARCH)	emulsifier, thickener, carrier	1	2	0.1	-	-
E1405	Starch treated with enzyme preparations (STARCHES ENZIME-TREATED)	thickener	-	2	-	-	-
E1410	Monokrahmalfosfat (MONOSTARCH PHOSPHATE)	stabilizer, thickener, carrier	1	2	0.1	-	-
E1412	Dikrahmalfosfat esterified trinatriymetafosfatom;esterified with phosphorus oxychloride (DISTARCH PHOSPHATE ESTERIFIED WITH SODIUM TRIMETASPHOSPHATE; ESTERIFIED WITH PHOSPHORUS	stabilizer, thickener, carrier	1	2	0.1	-	-

	OXYCHLORIDE)						
E1413	Phosphated dikrahmalfosfat "linked" (PHOSPHATED DISTARCH PHOSPHATE)	stabilizer, thickener, carrier	1	2	0.1	-	-
E1414	Dikrahmalfosfat acetylated "linked" (ACETYLATED DISTARCH PHOSPHATE)	emulsifier, thickener, carrier	1	-	-	-	-
E1420	Starch acetate esterified with acetic anhydride (STARCH ACETATE ESTERIFIED WITH ACETIC ANHYDRIDE)	stabilizer, thickener	1	2	0.1	-	-
E1422	Acetylated distarch adipate (ACETYLATED DISTARCH ADIPATE)	stabilizer, thickener, carrier	1	2	0.1	-	-
E1440	Hydroxypropyl starch (HYDROXYPROPYL STARCH)	emulsifier, thickener, carrier	1	2	0.1	-	-
E1442	Hydroxypropyl distarch phosphate "linked" (HYDROXYPROPYL DISTARCH PHOSPHATE)	stabilizer, thickener, carrier	1	2	0.1	-	-
E1450	Ester sodium salt, and starch octenyl succinic acid (STARCH	stabilizer, thickener, emulsifier, carrier	1	2	0.1	-	-

	SODIUM OCTENYL SUCCINATE)							
E1451	Acetylated oxidized starch (ACETILATED OXYDISED STARCH)	emulsifier, thickener		1	2	0.1	-	-
E1452	Starch and aluminum salts octenyl acid ester (STARCH ALUMINIUM OCTENYL SUCCINATE)	stabilizer, glazing agent		1	2	0.1	-	-
E1503	Castor oil (CASTOR OIL)	Glazing Agent Flowing, filler	99.00%	3	5	-	-	-
E1505	Triethyl citrate (TRIETHYL CITRATE)	foaming agent carrier	Triethylcitrate content not less than 99%	3	2			
E1517	Diacetin (glitserildiatsetat) -DIACETIN (GLYCERYL DIACETAT)	water-retaining agent, carrier	94.00%	3	5	-	-	-
E1518	Triacetin (TRIACETIN)	water-retaining agent, carrier	98.00%	3	5	-	-	-
E1519	Benzyl alcohol (BENZYL ALCOHOL)	carrier	98.00%	-	5	-	-	-

E1520	Propylene glycol (PROPYLENE GLYCOL)	water-retaining agent, carrier	99.5% on an anhydrous basis	-	5	-	-	-
E1521	Polyethylene glycol (POLYETHYLENE GLYCOL)	glazing agent, a stabilizer, a carrier		-	1	-	-	-
-	Dihydroquercetin	antioxidant						
-	Quercetin	antioxidant						
-	Red rice (RED RICE)	dye						
-	Licorice root (Glycyrrhiza sp.) Extract	stabilizer, foaming agent						
-	Soap root (Acantophyllum sp.) Extract frother	stabilizer						
-	Stevia (Stevia rebaudiana Bertoni), leaf powder and syrup are	sweetener						
-	Succinates, sodium, potassium, calcium	acidity regulators						
-	Chitosan hydrochloride hitozoniya	filler, thickener, stabilizer						

Appendix 29. Hygienic standards use of food additives in food products for baby food for infants

Annex 29

to the technical regulations

"Safety requirements of food additives, flavorings and processing aids "

(TR CU 029/2012)

Table 1. Nutritional supplements for the production of breast milk substitutes for healthy infants

Table 1

Food Additive (Index E)	The maximum level of the ready-to-use product
Acid, acidity regulators	
Citric acid (E330), potassium citrate (E332) sodium citrate (E331) - alone or in combination, based on the acid	2 g / l
L (+) lactic acid (E270)	according to TD
Phosphoric acid (E338) potassium phosphate (E340) sodium phosphate (E339), - alone or in combination as phosphates added	1 g / l

in terms of	
Antioxidants	
L-Ascorbyl palmitate (E304)	10 mg / l
Tocopherol concentrate (E306) alpha-tocopherol (E307) gamma-tocopherol (E308) delta-tocopherol (E309) - individually or in combination	10 mg / l
Emulsifiers	
Lecithin (E322)	1 g / l
Mono- and diglycerides of fatty acids (E471)	4 g / l
Citric acid and mono- and diglycerides of fatty acids esters (E472s): for powder mixtures Liquid mixtures containing partially hydrolyzed proteins, peptides or amino acids	 7.5 g / l 9 g / l
Sucrose esters of fatty acids (E473) for products containing hydrolyzed proteins, peptides or amino acids	120 mg / l
Other supplements	
Guar gum (E412) for products containing hydrolyzed protein	1 g / l
Nitrogen (E941), Argon (E938)	according to TD

Helium (939) Carbon dioxide (E290)	
Flavors - natural fruit extracts	according to TD

Note: - intake of food additives permitted in the production of baby food in a product. The content of gum arabic (E414), in such products should not exceed 150 g / kg, amorphous silica (E551) - 10 g / kg. In the composition of vitamin B12 in the permitted arrival baby foods mannitol (E421), when used as a carrier, the vitamin B12 content must not exceed 1 g / kg of mannitol. As part of preparations membranes polyunsaturated fatty acid intake may be sodium ascorbate (E301).Release of other products not to exceed gum arabic (E414) - 10 mg / kg for sodium ascorbate (E301) - 75 mg / kg of ready-to-use product. In the composition of vitamin and polyunsaturated fatty acids allowed delivery ester and sodium starch octenyl acid (E1450), the content of which should not exceed: vitamin preparations of - 100 mg / kg of ready-to-eat product, preparations of polyunsaturated fatty acids - 1 g / kg of ready-to-eat product.

- When using food additives - potassium citrate (E332) and sodium (E331) and potassium phosphate (E340) and sodium (E339) forming physiologically active ions of minerals, production of infant food based on proteins from cow's milk the total amount of such mineral substances per 100 kcal finished (as per instructions) of the product should be as follows: sodium - 20-60 mg potassium - 60-145 mg, 25-90 mg of phosphorus. - For the manufacture of dairy products may be used L (+) - lactic acid (E270) obtained from nonpathogenic strains of microorganisms and nontoxigenic. - If the product is added in more than one of the substances: lecithins (E322), mono- and diglycerides of fatty acids (E471), citric acid and mono- and diglycerides of fatty acid esters (E472s) and sucrose fatty acid esters (E473), the maximum levels established for them in the products shall be reduced proportionally, ie total weight (expressed as a percentage of the maximum levels of certain emulsifiers) must be no more than 100 percent

Table 2. Food additives for follow-up formula for healthy children older than five months

Table 2

The index of food additive (E)	The maximum level of the ready-to-use product
Acid, acidity regulators	

Citric acid (E330), potassium citrate (E332), sodium citrate (E331) - individually or in combination, based on the acid	2 g / l
L (+) lactic acid (E270)	According to the AP
Phosphoric acid (E338), potassium phosphate (E340), sodium phosphate (E339) - alone or in combination as phosphates written based on	1 g / l
Antioxidants	
L-Ascorbyl palmitate (E304)	10 mg / l
Tocopherol concentrate (E306), alpha-tocopherol (E307), gamma tocopherol (E308), delta tocopherol (E309) - individually or in combination	10 mg / l
Emulsifiers	
Lecithin (E322)	1 g / l
Mono- and diglycerides of fatty acids (E471)	4 g / l
Citric acid and mono- and diglycerides of fatty acids esters (E472s) for powder mixtures of liquid mixtures containing partially hydrolyzed proteins, peptides or amino acids	7.5 g / l 9 g / l

Sucrose esters of fatty acids (E473) for products containing hydrolyzed proteins, peptides or amino acids	120 mg / l
Stabilizers	
Guar gum (E412)	1 g / l
Locust bean gum (E410)	1 g / l
Carrageenan (E407)	0.3 g / l
Pectin (E440) for acidic foods feeding	5 g / l
Flavours	
Natural flavors	according to TD
Ethylvanillin for cereal products and fruit-based	50 mg / kg
Vanilla extract for cereal products and fruit-based	according to TD
Nitrogen (E941) Argon (E938) Helium (939) Carbon dioxide (E290)	according to TD

Note: - intake of food additives permitted in the production of baby food in a product. The content of gum arabic (E414), in such products should not exceed 150 g / kg, amorphous silica (E551) - 10 g / kg. In the composition of vitamin B12 in the permitted arrival baby foods mannitol (E421), when used as a carrier, the vitamin B12 content must not exceed 1 g / kg of mannitol. As part of preparations membranes polyunsaturated fatty acid intake may be sodium ascorbate (E301).Release of other products not to exceed gum arabic (E414) - 10 mg / kg for sodium ascorbate (E301) - 75 mg / kg of ready-to-use product. In the

composition of vitamin and polyunsaturated fatty acids allowed delivery ester and sodium starch octenyl acid (E1450), the content of which should not exceed: vitamin preparations of - 100 mg / kg of ready-to-eat product, preparations of polyunsaturated fatty acids - 1 g / kg of ready-to-eat product. - When using food additives - potassium citrate (E332) and sodium (E331) and potassium phosphate (E340) and sodium (E339) forming physiologically active ions of minerals, production of infant food based on proteins from cow's milk the total number of such minerals per 100 kcal finished (as per instructions) of the product should be: sodium - 20-60 mg, potassium - 60-145 mg, phosphorus - 25-90 mg.

- For the production of dairy products may be used L (+) - lactic acid (E270) obtained from nonpathogenic strains of microorganisms and nontoxigenic. - If the product is added in more than one of the substances: lecithins (E322), mono- and diglycerides of fatty acids (E471) citric acid and mono- and diglycerides of fatty acids esters (E472s) and sucrose esters of fatty acids (E473), the maximum levels set for them in the products must be reduced proportionally, i.e. total weight (expressed as a percentage of the maximum levels of certain emulsifiers) must be no more than 100 percent.

- If the product is added to more than one of the substances: - Carrageenan (E407), locust bean gum (E410) and guar gum (E412), the maximum levels established for them in the products shall be reduced proportionally, ie total weight (expressed as a percentage of the maximum levels of certain stabilizers) should be no more than 100 percent. - may be used for children older than 4 months.

Table 3. Nutritional supplements for the production of complementary foods for healthy infants and nutritional status of children aged one to three years

Table 3

Food additive	Product	The maximum level in ready-to-eat products
Potassium hydroxide (E525) Calcium hydroxide (E526) Sodium hydroxide (E524), - only for pH adjustment	Complementary foods	according to TD
L-Cysteine and its soliton	Biscuit	1 g / kg

sodium or potassium hydrochlorides (E920)		
Ammonium carbonate (E503) Potassium carbonate (E501) sodium carbonate (E500), - only as a disintegrating agent (Test)	Complementary foods	according to TD
Calcium carbonate (E170) - only for pH adjustment	Complementary foods	according to TD
Citric acid (E330), potassium citrate (E332) calcium citrate (E333)	Complementary foods	according to TD
sodium citrate (E331) - alone or in combination, only for pH adjustment	Fruit- reduced basis sugar (only E333)	according to TD
Lactic acid (E270) potassium lactate (E326) calcium lactate (E327) sodium lactate (E325) - alone or in combination, only for pH adjustment	Complementary foods	according to TD
Hydrochloric acid (E507)	Complementary foods	according to TD

Acetic acid (E260) Potassium acetate (E261) calcium acetate (E263) sodium acetate (E262) - alone or in combination, only for pH adjustment	Complementary foods	according to TD
Malic acid (E296) - only for pH adjustment	Complementary foods	According to the AP
o-phosphoric acid (E338) - phosphate is added based on Only for pH adjustment	Complementary foods	1 g / kg
Potassium phosphate (E340) calcium phosphates (E341) sodium phosphates (E339) - alone or in combination as the added phosphate based on	Cereal products basis;	1 g / kg
	Fruit Desserts basis (only E341iii)	1 g / kg
Dibasic sodium pyrophosphate (E450i)	Biscuits and crackers	500 mg / kg the residual quantity
L-ascorbic acid (E300), calcium L-ascorbate (E302), sodium L-ascorbate (E301),	Products on a fruit-based, with the exception of fruit and (or) vegetables	300 mg / kg

potassium L-ascorbate (E303), - alone or in combination, based on ascorbic acid		
	Products containing oil, cereal-based, including biscuits and crackers	200 mg / kg
L-Ascorbyl palmitate (E304), a tocopherol concentrate (E306), alpha-tocopherol (E307), gamma tocopherol (E308), delta tocopherol (E309) - individually or in combination	Foods containing fat, cereal, biscuits, crackers	100 mg / kg
Lecithin (E322)	Biscuits and crackers; cereal based products	10 g / kg
Mono- and diglycerides of fatty acids (E471), citric acid and glycerol esters of fatty acids (E472s), glycerol and fatty acids and lactic esters (472b) and acetic glycerol esters of fatty acids (E472a) - individually or in combination	Biscuits and crackers; cereal based products	5 g / kg
Alginic acid (E400), potassium alginate (E402), calcium alginate (E404) , sodium alginate (E401) - individually or in combination	Desserts, puddings	500 mg / kg
Guar gum (E412)	Complementary foods	10 g / kg

gum arabic (E414), guar gum (E410), xanthan gum (E415) , pectins (E440) - individually or in combination	Gluten-free products on the basis of grain	20 g / kg
Amorphous silicon dioxide (E551)	Dry cereal products	2 g / kg
Tartaric acid (E334), potassium tartrate (E336), calcium tartrate (E354), sodium tartrate (E335) - individually or in combination	Biscuits and crackers	500 mg / kg the residual quantity
Glucono-delta-lactone (E575)	Biscuits and crackers	500 mg / kg the residual quantity
Modified starches: Acetylated distarch adipate (E1422), dikrahmalfosfat acetylated (E1414), acetylated starch (E1420), acetylated oxidized starch (E1451), dikrahmalfosfat (E1412), monokrahmalfosfat (E1410), oxidized starch (E 1404), phosphated dikrahmalfosfat (E1413), starch and sodium solioktenilyantarnoy acid	Complementary foods	50 g / kg

ester (E1450) - individually or in combination		
Nitrogen (E941), Argon (E938) Helium (939) Carbon dioxide (E290)	Complementary foods	according to TD

Note: - intake of food additives permitted in the production of baby food in a product.The content of gum arabic (E414), in such products should not exceed 150 g / kg, amorphous silica (E551) - 10 g / kg. In the composition of vitamin B12 in the permitted arrival baby foods mannitol (E421), when used as a carrier, the vitamin B12 content must not exceed 1 g / kg of mannitol. As part of preparations membranes polyunsaturated fatty acid intake may be sodium ascorbate (E301). Release of further products shall not exceed: for gum arabic (E414) - 10 mg / kg for sodium ascorbate (E301) - 75 mg / kg of ready-to-eat product.
In the composition of vitamin and polyunsaturated fatty acids allowed delivery ester and sodium starch octenyl succinic acid (E1450), the content of which should not exceed: vitamin preparations of - 100 mg / kg of ready-to-eat product, preparations of polyunsaturated fatty acids - 1 g / kg Ready-to-eat product. - To produce weaning foods can be used only L (+) - lactic forms (E270), tartaric acid (E334), apple (E296) acids and salts thereof. - For the manufacture of dairy products may be used L (+) - lactic acid (E270), derived from nonpathogenic and nontoxigenic strains of microorganisms.

Table 4. Nutritional supplements for the production of specialized dietary products for children under three years

Table 4

Food additive	Product	The maximum level in ready-to-eat products
Sodium alginate (E401)	Specialized products with adapted composition, required for metabolic disorders and nutrition through a tube, for children older than 4 months	1 g / l

Glycerol citric acid fatty acid esters (E472s)	Powdered dietary products for children from birth	7.5 g / l
	Liquid diet products for children from birth	9 g / l
Guar gum (E412)	Food and fluid mixtures containing hydrolysed proteins, peptides or amino acids for babies	10 g / l
Locust bean gum (E410)	Products to reduce gastropischevodnogo reflex, designed for children from birth	10 g / l
Carboxymethylcellulose sodium salt (E466)	Dietary products for correction of metabolic disorders for children from birth	10 g / l
Starch and octenyl acid ester (E1450)	Infant formula	20 g / l
Xanthan gum (E415)	Products based on amino acids or peptides for use in patients with lesions of the gastrointestinal tract malabsorption protein diet for correction of metabolic disorders in children from birth	1.2 g / l
Mono- and diglycerides of fatty acids (E471)	Products with specially reduced protein content for children from birth	5 g / l
Pectin (E440)	Products used in cases of gastro-intestinal disorders	10 g / l
Propylene glycol alginate (E405)	Special products designed for children over 12 months with intolerance to cow's milk and dietary correction of inborn errors of metabolism	200 mg / l
Sucrose esters of fatty acids (E473)	Products containing protein hydrolysates, peptides and amino acids	120 mg / l
Nitrogen (E941)	Dietary Products	according to TD

Argon (E938) Helium (939) Carbon dioxide (E290)		

Note: - intake of food additives permitted in the production of baby food in a product.The content of gum arabic (E414), in such products should not exceed 150 g / kg, amorphous silica (E551) - 10 g / kg. In the composition of vitamin B12 in the permitted arrival baby foods mannitol (E421), using it as a carrier solvent, the content of vitamin B12 should not exceed 1 g / kg of mannitol. As part of preparations membranes polyunsaturated fatty acid intake may be sodium ascorbate (E301). Revenues from other products should not exceed for gum arabic - 10 mg / kg for sodium ascorbate - 75 mg / kg of ready-to-eat product (Section 4.4).

In the composition of vitamin and polyunsaturated fatty acids allowed delivery ester and sodium starch octenyl succinic acid (E1450), the content of which should not exceed: vitamin preparations of - 100 mg / kg of ready-to-eat product, preparations of polyunsaturated fatty acids - 1 g / kg ready-to-use product (section 4.4).

" - In the manufacture of special dietary products for children under three years of age can be used as food additives listed in Tables 1, 2 and 3 of this Annex.

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