COPE OF ACCREDITATION FOR TESTING LABORATORY (CENTER)

Testing laboratory center of Federal Budget Healthcare institution «Center of Hygiene and Epidemiologyl in Stavropol Region»

*name of a testing laboratory (center)*

4 Fadeeva Lane, Stavropol, Stavropol Region, 355008, Russia;

135 A Mira Street, Stavropol, Stavropol Region, 355012. Russia;

15 October Revolution Avenue/ 123 Dzerzhinsky Street, Stavropol, Stavropol Region, 355000, Russia

*address of the please of activiti*

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| No. in seq. | Regulatory documents for the rules and methods of research (test) and measurements | Object description | Code according to Russian Classification of Products and Activities | Code according to Custom Harmonized Systom of Eurasian Economic Community | Target parameter(item) | Range of detection |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| **355008, Stavropol region, Stavropol city, Fadeeva lane, 4** |
| **SANITARY AND HYGIENIC STUDIES** |
| 1 | M 04-56-2009 | Food products, food raw materials and biologically active additives (BAA) | 10.11-10.13 10.20, 10.31, 10.32, 10.39, 10.41.10.42, 10.51, 10.52, 10.61, 10.62, 10.71, 10.73, 10.81-10.86, 10.89, 10.89.19, 10.89.19.150, 10.89.19.210 | 0201-0210, 0301-0308, 0401-0410, 0701-0714, 0801-0814, 0901-0910, 1001-1008, 1101-1109, 1201-1214, 1501-1518, 1601-1605, 17 01-1704, 1801- 1806, 1901-1905, 2001-2009, 2101-2106, 2201-2209, 2106909803 | Mass fraction of vitamin B1 / thiamine chloride hydrochloride | (0.01-50.0) mg/100g |
| Mass fraction of vitamin B2 / riboflavin | (0.01-50.0) mg/100g |
| 2 | M 04-07-2010 | Food products and food raw materials | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.89 | 0201-02100301-03080401-04040701-07140801-08130901-09101001-1008 | Mass fraction of vitamin C / mass fraction of ascorbic acid / vitamin C | (10-5000) ppm (mg/kg) |
| 3 | M 04-33-2004 | Food products, food raw materials, compound feed, compound feed raw materials | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.89 | 0201-02100301-03080401-04040701-07140801-08130901-09101001-1008 | Mass fraction of selenium | (0.1-100) ppm (mg/kg) |
| 4 | GOST R 54014 | Food products.Functional foods | 10.01-10.8110.89 | 0201-02100301-03080401-04100701-07140801-08140901-09101001-10081101-11091201-12141601-16051701-17041801-18061901-19052001-20092101-2106 | Mass fraction of dietary fiber / dietary fiber | (1.0-30.0)% (g/100g) |
| 5 | GOST 33977 | Processed products of fruits and vegetables, juice products from fruits and vegetables | 10.3210.13 | 2007-2009 | Mass fraction of dry substances | (from 0.2 – over 10.0)% |
| 6 | GOST R 54058 | Food products.Functional foods of plant and animal origin | 10.01-10.8110.89 | - | Carotenoids / mass fraction of carotenoids / mass concentration of carotenoids | (1-300) mg/kgmg/dm3 |
| 7 | GOST 8756.22 | Canned fruit and vegetable products. Canned food | 10.32 | 2009 | Carotene / mass fraction of carotene / mass concentration of carotene | (0.0006-0.01)%from 0.1 μg/cm3 |
| 8 | GOST R 54607.10 | Catering products (snacks, dishes, side dishes, drinks, food rations) | 56.10.11 | 1601-1604, 1901-1905,2001-2009 | Mass fraction of total ash / ash | (0.1-100)% |
| 9 | GOST R 54607.7 | Catering products, including dishes and drinks made using protein-containing foods | 56.10.11 | - | Mass fraction of protein / protein | (0.1-100)%g/100g |
| 10 | GOST 34454 | Dairy products (milk, milk composite and milk-containing products, milk-containing products with milk fat substitute) | 10.51 | 0401-0406 | Mass fraction of protein / protein | (0.10-100.00)%g/100g |
| 11 | GOST 34118 | Meat, raw fat, meat and meat-containing products, lard products | 10.11, 10.12, 10.13 | 0201-0210 | Peroxide value | (0 - 40) mmol active oxygen/kg fat |
| 12 | GOST ISO 3960 | Vegetable oils and animal fat | 10.41.2,10.11.5, 10.11.50 | 1507-1518 | Peroxide value | (0-30) meq of active oxygen per kilogram |
| 13 | GOST 33838 | Grain processing products (flour, cereal, bran) | 10.61.2, 10.61.310.61.4 | 1101-1106 | Gluten / gluten content | (2-200) ppmmg/kg |
| 14 | GOST 32196 | Gluten-free pasta | 10.73 | 1902 | Gluten / gluten content | (2-200) mg/kg |
| 15 | MU 1-40/3805(p. 1.2) | Catering products | 56.10.11 | 1601-1604, 1901-1905,2001-2009 | Output of the dish | (0.01-1210) g |
| 16 | Method for measuring the mass fraction of microbial transglutaminase "MTG-ELISA" K961 | Food, food products | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.89 | 0201-02100301-03080401-04100701-07140801-08140901-09101001-10081101-11091201-12141601-16051701-17041801-18061901-19052001-20092101-2106 | Microbial transglutaminase | Detected / Not Detected(presence / absence // positive / negative) |
| 17 | GOST R 55063 p.7.10 | Cheeses, processed cheeses | 10.51.40.100,10.51.40.140 | 0406 | Mass fraction of sodium chloride / mass fraction of table salt / chlorides | (1.0-8.0)% |
| 18 | GOST R 57164 | Natural and drinking water, including packaged in containers. Distilled water | 20.13.52 | 2853 | Appearance | meets the requirements of ND/does not meet the requirements of ND/description |
| Odor / odor at 20°C / odor at 60°C | (0-5) points |
| 19 | GOST 31958 | All types of water.Packaged drinking water,including natural mineral, artificially mineralized, drinking water for baby food | 11.0711.07.1110.86.10 | 2201220110 | Total organic carbon | (1-1000) mg/dm3 |
| 20 | M-02-2405-13 | Drinking, waste, natural (including underground), process water, distilled water | 36.00.120.13.52 | 22012853 | Total carbon (TC) | (0.1-250) mg/ dm3(250-25·103) mg/ dm3 with dilution |
| Total inorganic carbon (IC) | (0.1-250) mg/ dm3(250-25·103) mg/ dm3 with dilution |
| Non-volatile organic carbon (NPOC) | (0.1-250) mg/ dm3(250-25·103) mg/ dm3 with dilution |
| Total organic carbon (TOC) | (0.1-250) mg/ dm3(250-25·103) mg/ dm3 with dilution |
| 21 | M 01-45-2009(2014 edition) | Drinking water, natural (surface and underground), including water from drinking water supply sources.Packaged drinking water,including natural mineral, artificially mineralized, drinking water for baby food | 08.93.10.140, 36, 36.00.12, 10.86.10, 20.13, 36.00, 11.07 | 2201,2202 | Bromide ion | (0.05-100) mg/ dm3 |
| Iodide ion | (0.1-100) mg/ dm3 |
| 22 | GOST 31867 (p. 5) | Drinking water, natural (surface and underground), including water from drinking water supply sources.Packaged drinking water,including natural mineral,artificially mineralized drinking water for baby food.Distilled water | 08.93.10.140, 36, 36.00.12, 10.86.10, 20.13, 36.00, 11.07 | 2201,2202 | Chloride ions / chloride ion / chlorides / chloride / chloride (Cl) / chlorides (by Cl) | (0.5-50) mg/ dm3 |
| Nitrite ions / nitrite ion / nitrites / nitrite / nitrite (NO2) / nitrites (by NO2) | (0.5-50) mg/ dm3 |
| Sulfate ions / sulfate ion /sulfates / sulfate / sulfate (SO4) / sulfates (by SO4) | (0.5-50) mg/ dm3 |
| Nitrate ions / nitrate ion / nitrates / nitrate / nitrate (NO3) / nitrates (by NO3) | (0.5-50) mg/ dm3 |
| Fluoride ions fluoride ion / fluorides / fluoride / fluoride ion / fluoride (F) / fluorine for climatic region III | (0.3-20) mg/ dm3 |
| Phosphate ions / phosphate ion / phosphates / phosphate / phosphate (PO4) | (0.5-20) mg/ dm3 |
| 23 | GOST 31869 | Distilled water | 20.13.52 | 2853 | Cations: |  |
| ammonium | (0.500-5000) mg/ dm3 |
| potassium | (0.500-5000) mg/ dm3 |
| calcium | (0.500-5000) mg/ dm3 |
| sodium | (0.500-5000) mg/ dm3 |
| barium | (0.050-5.0) mg/ dm3 |
| lithium | (0.015-2.0) mg/ dm3 |
| magnesium | (0.25-2500) mg/ dm3 |
| strontium | (0.5-50.0) mg/ dm3 |
| 24 | PND F 14.1:2:3:4.282-18 (Methodology M 01-58-2018) | Drinking water, natural.Treated wastewater.Packaged drinking water, including natural mineral, artificially mineralized, drinking water for baby food  | 08.93.10.140, 36.00.12, 10.86.10, 20.13, 36.00, 11.07 | 2201,2202 | Chloride ions / chloride ion / chlorides / chloride / chloride (Cl) / chlorides (by Cl) | (0.5-20000) mg/ dm3 (mg/l) |
| Nitrite ions / nitrite ion / nitrites / nitrite / nitrite (NO2) / nitrites (by NO2) | (0.20-100) mg/ dm3 (mg/l) |
| Sulfate ions / sulfate ion /sulfates / sulfate / sulfate (SO4) / sulfates (by SO4) | (0.5-20000) mg/ dm3 (mg/l) |
| Nitrate ions / nitrate ion / nitrates / nitrate / nitrate (NO3) / nitrates (by NO3) | (0.20-500) mg/ dm3 (mg/l) |
| Fluoride ions / fluoride ion / fluorides / fluoride / fluoride ion / fluoride (F) / fluorine for climatic region III | (0.1-25) mg/ dm3 (mg/l) |
| 25 | M 04-59-2009 | Food raw materials and food products, dietary supplements | 10.32, 10.3910.51, 10.85, 10.86, 10.8911.01 - 11.04, 11.0756.1010.89.19 | 22022007-20092208 | Sorbic acid (E200)and its salts | (20-10000) mg/kg ppm |
| Benzoic acid (E210)and its salts | (20-10000) ppm(20-10000) mg/kg |
| Acesulfame potassium / acesulfame K (E950) | (20-10000) ppm(20-10000) mg/kg |
| Saccharin E954(I) and its salts | (20-10000) ppm(20-10000) mg/kg |
| 26 | M 04-66-2010 | Non-alcoholic, low-alcohol and alcoholic drinks | 11.01 11.07.19 | 22022208 | Quinine | (10-1000) mg/ dm3 |
| 27 | M 04-69-2011(2013 edition) | Non-alcoholic, low-alcohol and alcoholic drinks. Fruits and vegetables and juice products, dietary supplements, honey | 11.07.1911021103110410.3210.89.1901.49 | 2202-22082009 | Mass concentration of mono- and disaccharides / Mass fraction of mono- and disaccharides |  |
| Fructose | (2-800) g/ dm3(0.2-80)% |
| Glucose | (2-800) g/ dm3(0.2-80)% |
| Sucrose | (2-800) g/ dm3(0.2-80)% |
| 28 | M 04-79-2013 | Non-alcoholic (including sports and energy drinks), juices and juice products, wines and wine products (including cognac distillates), vodka and liquor products, beer and brewing products | 10.32; 11.07; 11.01; 11.02.12 | 2201-22062009 | Chloride ions / chloride ion / chlorides / chloride / chloride (Cl) / chlorides (by Cl) | (05-200000) mg/ dm3 |
| Sulfate ions / sulfate ion /sulfates / sulfate / sulfate (SO4) / sulfates (by SO4) | (0.5-5000) mg/ dm3 |
| Nitrate ions / nitrate ion / nitrates / nitrate / nitrate (NO3) / nitrates (by NO3) | (0.4-500) mg/ dm3 |
| 29 | M 04-81-2013 | Juices and juice products | 10.32 | 2009 | Isocitric acid, free forms | (5-600) mg/ dm3, ppm |
| Isocitric acid, total content | (20-600) mg/ dm3, ppm |
| Citric acid and its salts | (20-25000) mg/ dm3, ppm |
| 30 | M 04-90-2019 | Food products, food raw materials | 10.11-10.13, 10.20, 10.3, 10.4, 10.5-10.8;  | 0201-0210, 0302-0308, 0401-0410, 0702-0714, 0801-0814, 0901-0910,1001-1008, 1101-1108,1201-1214,1501-1518, 1601-1605, 1701-1704,1804-1806, 1901-1905, 2001-2009,2101-2106, 2201-2209, 2301 | Glutamic acid (E620)and its salts | (1.0-100) g/kg, ‰ |
| Nutritional supplements | Glutamic acid (E620)and its salts | (2.5-100) g/kg, ‰ |
| 31 | M 04-92-2020 | Food products, food raw materials, feed and food additives | 10.11-10.13, 10.20, 10.3, 10.4, 10.5-10.8, 10.89.19, 10.89.19.150, 10.89.19.210 | 0201-0210, 0302-0308, 0401-0410, 0702-0714, 0801-0813, 0901-0910,1001-1008, 1101-1108, 1201-1214,1501-1518, 1601-1605, 1701-1704,1804-1806, 1901-1905, 2001-2009,2101-2106, 2201-2209, 2301 | Fructose | (0.2-100)%, g/100g |
| Glucose | (0.2-100)%, g/100g |
| Lactose | (0.2-100)%, g/100g |
| Sucrose | (0.2-100)%, g/100g |
| 32 | M 04-85-2015 | Nutritional supplements | 11.02.-11.02.12, 11.03-11.03.10.130 | 2204-2206 | D-tartaric acid | (5-100)% |
| L-tartaric acid | (5-100)% |
| L-malic acid | (5-100)% |
| D- malic acid | (5-100)% |
| Wine products and wine materials | 11.01.1011.02, 11.03 | 2204 | D-tartaric acid | (50-10000) mg/ dm3 |
| L-tartaric acid | (50-10000) mg/ dm3 |
| L-malic acid | (50-10000) mg/ dm3 |
| D- malic acid | (50-10000) mg/ dm3 |
| 33 | GOST 32073 p.8 | Alcohol products | 11.02.-11.02.12, 11.03-11.03.10.130 | 2203-2208 | Tartrazine (E 102) | (1-100) ppm (mg/kg) |
| Yellow quinoline (E 104) | (1-100) ppm (mg/kg) |
| Yellow “Sunset” (E110) | (1-100) ppm (mg/kg) |
| Azorubine, carmoisine (E 122) | (1-100) ppm (mg/kg) |
| Ponceau 4R (E 124) | (1-100) ppm (mg/kg) |
| Erythrosine (E 127) | (1-100) ppm (mg/kg) |
| Red 2G (E 128) | (1-100) ppm (mg/kg) |
| Red charming AC (E129) | (1-100) ppm (mg/kg) |
| Patented blue V (E 131) | (1-100) ppm (mg/kg) |
| Indigo carmine (E 132) | (1-100) ppm (mg/kg) |
| Blue shiny FCF (E 133) | (1-100) ppm (mg/kg) |
| Black shiny PN (E 151) | (1-100) ppm (mg/kg) |
| 34 | GOST 31671(EN 13805:2020) | Food products and food raw materials | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.89 | - | Preparation of samples for metal determination studies | - |
| 35 | GOST EN 13804 | Food raw materials and food products | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.89 | - | Preparation of samples for metal determination studies | - |
| 36 | GOST 33462 | Juice products (fruit and vegetable juices, nectars, juice drinks, fruit and vegetable concentrated juices, purees and concentrated purees, fruit drinks and concentrated fruit drinks) | 10.32 | 2009 | Mass concentration of sodium / Mass fraction of sodium / Sodium content / Sodium | (5-2000) mg/ dm3 |
| Mass concentration of potassium / Mass fraction of potassium / Potassium content / Potassium | (5-5000) mg/ dm3 |
| Mass concentration of calcium / Mass fraction of calcium / Calcium content / Calcium | (5-1000) mg/ dm3 |
| Mass concentration of magnesium / Mass fraction of magnesium / Magnesium content / Magnesium | (5-500) mg/ dm3 |
| 37 | GOST EN 15505 | Food products and food raw materials | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.89 | 0201-02100301-03080401-04040701-07140801-08130901-09101001-1008 | Mass concentration of sodium / Mass fraction of sodium / Sodium content / Sodium | (1500-4000) mg/kg(150-400) mg/100g |
| Mass concentration of magnesium / Mass fraction of magnesium / Magnesium content / Magnesium | (250-1500) mg/kg(25-150) mg/100g |
| 38 | GOST 33425 | All types of meat, including poultry, meat and meat-containing products | 10.11, 10.12, 10.13 | 0201-0208,0210 | Mass concentration of nickel / Mass fraction of nickel / Nickel content / Nickel | (0.01-100.0) mg/kg(0.001-10.0) mg/100g |
| Mass concentration of cobalt / Mass fraction of cobalt / Cobalt content / Cobalt | (0.01-100.0) mg/kg(0.001-10.0) mg/100g |
| Mass concentration of chromium / Mass fraction of chromium / Chromium content / Chromium | (0.1-500.0) mg/kg(0.01-50.0) mg/100g |
| 39 | GOST EN 14084 | Food products other than oils, fats and other foods high in fat.Packaged drinking water, including natural mineral, artificially mineralized, drinking water for baby food | 10.11-10.8911.07.1 | 0201-02100302-03080401-04080701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-17041801-1806 | Mass concentration of lead / Mass fraction of lead / Lead content / Lead | (0.02-4.0) mg/kg(0.002-0.4) mg/100g |
| Mass concentration of cadmium / Mass fraction of cadmium / Cadmium content / Cadmium | (0.002-0.4) mg/kg(0.0002-0.04) mg/100g |
| Mass concentration of zinc / Mass fraction of zinc / Zinc content / Zinc | (0.2-200) mg/kg(0.02-20) mg/100g |
| Mass concentration of copper / Mass fraction of copper / Copper content / Copper | (0.2-400) mg/kg(0.02-40) mg/100g |
| Mass concentration of iron / Mass fraction of iron / Iron content / Iron | (0.2-400) mg/kg(0.02-40) mg/100g |
| 40 | GOST R 55484 | Meat, offal, raw fat, meat and meat-containing products, lard products | 10.11, 10.12, 10.13 | 0201-0210, 1501-1505, 1601-1603 | Mass concentration of sodium / Mass fraction of sodium / Sodium content / Sodium | (1.0-500.0) mg/kg(0.1-50.0) mg/100g |
| Mass concentration of potassium / Mass fraction of potassium / Potassium content / Potassium | (1.0-500.0) mg/kg(0.1-50.0) mg/100g |
| Mass concentration of manganese / Mass fraction of manganese / Manganese content / Manganese | (0.1-500.0) mg/kg(0.01-50.0) mg/100g |
| 41 | GOST EN 14083 | Food products and food raw materials.Packaged drinking water, including natural mineral, artificially mineralized, drinking water for baby food | 10.01-10.81, 10.8611.07.1 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-17041801-1806 | Mass concentration of lead / Mass fraction of lead / Lead content / Lead | (0.16-4.0) mg/kg(0.016-0.4) mg/100g |
| Mass concentration of cadmium / Mass fraction of cadmium / Cadmium content / Cadmium | (0.016-0.4) mg/kg(0.0016-0.04) mg/100g |
| Mass concentration of chromium / Mass fraction of chromium / Chromium content / Chromium | (0.16-4.0) mg/kg(0.016-0.4) mg/100g |
| Mass concentration of molybdenum / Mass fraction of molybdenum / Molybdenum content / Molybdenum | (0.16-4.0) mg/kg(0.016-0.4) mg/100g |
| 42 | GOST R 55573 p. 5 | Meat, offal, meat and meat-containing products | 10.11, 10.12, 10.13 | 0201-02080210 | Mass concentration of calcium / Mass fraction of calcium / Calcium content / Calcium | (2.0-1200.0) mg/kg(0.2-120.0) mg/100g |
| 43 | GOST 33424 | All types of meat, including poultry, meat and meat-containing products, incl. specialized food products, dietary, therapeutic and dietary preventive nutrition | 10.11, 10.12, 10.1310.89.19 | 0201-0208, 0210 | Mass concentration of magnesium / Mass fraction of magnesium / Magnesium content / Magnesium | (0.1-500.0) mg/kg(0.01-50.0) mg/100g |
| 44 | GOST 31707 | Food products and food raw materials | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.8911.01-11.07 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-17041801-1806 | Mass concentration of arsenic / Mass fraction of arsenic / Arsenic content / Arsenic | (0.01-10.0) mg/kg(0.001-1.0) mg/100g |
| Mass concentration of selenium / Mass fraction of selenium / Content of selenium / Selenium | (0.02-10.0) mg/kg(0.002-1.0) mg/100g |
| 45 | MUK 4.1.3606-20MUK 4.1.3688-21 | Food products and food raw materials | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.8911.01-11.07 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-17041801-1806 | Mass concentration of sodium / Mass fraction of sodium / Sodium content / Sodium | (25-20000) mg/kg(2.5-2000) mg/100g |
| Mass concentration of potassium / Mass fraction of potassium / Potassium content / Potassium | (25-5000) mg/kg(2.5-500) mg/100g |
| Mass concentration of calcium / Mass fraction of calcium / Calcium content / Calcium | (25-5000) mg/kg(2.5-500) mg/100g |
| Mass concentration of magnesium / Mass fraction of magnesium / Magnesium content / Magnesium | (25-10000) mg/kg(2.5-1000) mg/100g |
| 46 | M-02-1109-08 | Drinking water, natural water, mineral water, waste water.Liquid precipitation | 11.07.1 | 2201 | Mass concentration: |  |
| silver | (0.005-0.5) mg/ dm3 |
| aluminum | (0.005-5) mg/ dm3 |
| boron | (0.005-50) mg/ dm3 |
| barium | (0.005-5) mg/ dm3 |
| beryllium | (0.00010-0.05) mg/ dm3 |
| calcium | (0.05-50) mg/ dm3 |
| cadmium | (0.0005-0.25) mg/ dm3 |
| cobalt | (0.005-5) mg/ dm3 |
| chromium | (0.0010-2.0) mg/ dm3 |
| copper | (0.0010-10) mg/ dm3 |
| gland | (0.002-1.0) mg/ dm3 |
| potassium | (0.050-50) mg/ dm3 |
| magnesium | (0.005-5) mg/ dm3 |
| manganese | (0.005-50) mg/ dm3 |
| arsenic | (0.050-5) mg/ dm3 |
| sodium | (0.050-5) mg/ dm3 |
| nickel | (0.005-5) mg/ dm3 |
| lead | (0.010-50) mg/ dm3 |
| Selena | (0.0050-5) mg/ dm3 |
| strontium | (0.001-4) mg/ dm3 |
| zinc | (0.005-5) mg/ dm3 |
| antimony | (0.05-50) mg/ dm3 |
| tin | (0.005-2.5) mg/ dm3 |
| lithium | (0.005-5) mg/ dm3 |
| molybdenum | (0.005-5) mg/ dm3 |
| 47 | GOST 33023 | Perfume and cosmetic products. Individual protection means | 20.4222.19 | 3301-33074014-4015 | Mass concentration of lead / Content of lead / Mass fraction of lead / Lead | (0.20-25.00) ppm (mg/kg) |
| 48 | GOST 31870 (method 1) | Drinking water, natural (surface and underground), including sources of drinking water supply.Distilled water.Water for hemodialysis.Packaged drinking water, including natural mineral, artificially mineralized, drinking water for baby food.Toys. Products for children and teenagers. Individual protection means. Package.Juice products from fruits and vegetables | 11.07.136.00.110.86.1010.3920.13.5232.4032.9922.21.322.21.422.2214.11-14.1414.19-14.2014.3114.3915.20 | 2201220110200928533901-39143919-39244014-401542034418-44214804-48086101-61176201-62176401-64059503-9506 | Mass concentration of cobalt / Cobalt content / Mass fraction of cobalt / Cobalt | (0.001-0.05) mg/ dm3 |
| Mass concentration of antimony / Antimony content / Mass fraction of antimony / Antimony | (0.005-0.02) mg/ dm3 |
| Mass concentration of silver / Content of silver / Mass fraction of silver / Silver | (0.0005-0.01) mg/ dm3 |
| Mass concentration of iron / Iron content / Mass fraction of iron / Iron | (0.04-0.25) mg/dm³ |
| 49 | GOST 34427 | Food and animal feed | 10.11-10.13, 10.20, 10.31, 10.39, 10.41,10.42, 10.51, 10.52, 10.61, 10.71-10.73,10.81-10.8910.89.19.21011.01-1107 | 0201-02100302-03080401-04100702-07140801-08130901-09101001-10081101-11081201-12141501-15181601-16051701-17041804-18061901-19052001-20092101-21062201-22092301 | Mass concentration of mercury / Content of mercury / Mass fraction of mercury / Mercury | (0.0025-5.0000) ppm (mg/kg) |
| 50 | GOST 31870 (method 2) | Drinking water, natural (surface and underground), including sources of drinking water supply. Distilled water. Water for hemodialysis. Packaged drinking water, including natural mineral, artificially mineralized, drinking water for baby food. Toys. Products for children and teenagers. Individual protection means. Package.Juice products from fruits and vegetables | 11.07.136.00.110.86.10 | 2201220110 | Mass concentration: |  |
| silver | (0.005-50) mg/ dm3 |
| aluminum | (0.01-50) mg/ dm3 |
| boron | (0.01-50) mg/ dm3 |
| barium | (0.001-50) mg/ dm3 |
| beryllium | (0.0001-10) mg/ dm3 |
| calcium | (0.01-50) mg/ dm3 |
| cadmium | (0.0001-10) mg/ dm3 |
| cobalt | (0.001-10) mg/ dm3 |
| chromium | (0.001-50) mg/ dm3 |
| copper | (0.001-50) mg/ dm3 |
| gland | (0.05-50) mg/ dm3 |
| potassium | (0.05-500) mg/ dm3 |
| magnesium | (0.05-50) mg/ dm3 |
| manganese | (0.001-10) mg/ dm3 |
| arsenic | (0.005-50) mg/ dm3 |
| sodium | (0.1-500) mg/ dm3 |
| nickel | (0.001-10) mg/ dm3 |
| lead | (0.003-10) mg/ dm3 |
| Selena | (0.005-10) mg/ dm3 |
| strontium | (0.001-50) mg/ dm3 |
| zinc | (0.005-50) mg/ dm3 |
| tin | (0.005-5.0) mg/ dm3 |
| lithium | (0.001-50) mg/ dm3 |
| silicon | (0.05-5.0) mg/ dm3 |
| molybdenum | (0.001-10) mg/ dm3 |
| antimony | (0.005-50) mg/ dm3 |
| 51 | RD 52.18.191-2018 | Soil, soil and bottom sediments | 08.11, 08.12 | - | Mass fraction of iron / iron | (5-250000) mg/kg |
| Mass fraction of cadmium / cadmium | (2.5-2500.0) mg/kg(0.01-10.0) mg/kg |
| Mass fraction of cobalt / cobalt | (2.5-5000.0) mg/kg (0.1-250.0) mg/kg |
| Mass fraction of manganese / manganese | (2.5-5000.0) mg/kg |
| Mass fraction of copper / copper | (2.5-5000.0) mg/kg(0.1-25.0) mg/ |
| Mass fraction of arsenic / arsenic | (0.25-125.0) mg/kg |
| Mass fraction of nickel / nickel | (2.5-5000.0) mg/kg(0.1-50.0) mg/kg |
| Mass fraction of lead / lead | (25-50000) mg/kg(0.2-250.0) mg/kg |
| Mass fraction of chromium / chromium | (10-10000.0) mg/kg(0.1-25.0) mg/kg |
| Mass fraction of zinc / zinc | (1.5-2500.0) mg/kg |
| 52 | GOST 32916 | Milk and dairy products | 10.51 | 0401-0404 | Mass fraction of vitamin D / Cholecalciferol | (0.01-1.0) ppm(0.001-0.1) mg/100 g |
| 53 | M 04-10-2007 | Food products, food raw materials, dietary supplements | 01.1101.4101.4701.4903.2110.01-10.8110.89.19.210 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-1008 | Mass fraction of vitamin A / Retinol | (0.2-200) ppm(0.02-20)mg/100 g |
| Mass fraction of vitamin E / Alpha tocopherol | (1-100,000)ppm(0.1-10,000)mg/100 g |
| 54 | GOST EN 14122 | Food products.Food raw materials | 01.1101.4101.4701.4903.2110.01-10.8111.01-11.07 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-17041801-1806 | Vitamin B1 / Thiamine chloride hydrochloride | (0.1-5.00)mg/100 g |
| 55 | GOST EN 14152 | Food products.Food raw materials | 01.1101.4101.4701.4903.2110.01-10.8111.01-11.07 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-17041801-1806 | Vitamin B2 / Riboflavin | (0.05-12.5)mg/100 g |
| 56 | GOST 31694 | Milk, dairy products, eggs, egg powder, honey, animal organs and tissues in processed meat products, poultry meat, offal, including poultry, fish, non-fish objects and products from them | 10.1110.12 10.5110.89.1201.47.201.49.21 | 0201-0204, 0206-0210, 0401-0408, 0409 00 000 | Tetracycline | (1.0-1000.00) µg/kg(0.001-1) mg/kg (dm3) |
| Oxytetracycline | (1.0-1000.00) µg/kg(0.001-1) mg/kg (dm3) |
| Doxycycline | (1.0-1000.00) µg/kg(0.001-1) mg/kg (dm3) |
| Chlortetracycline | (1.0-1000.00) µg/kg(0.001-1) mg/kg (dm3) |
| 57 | GOST 33809 | Meat, including poultry, offal, meat and meat-containing products | 10.11, 10.12, 10.13 | 0201-02080210 | Mass fraction of sorbic acid and its sorbate salts: sodium sorbate (E201), potassium sorbate (E202), calcium sorbate (E203) | (0.01-2.00)%(100-20,000) mg/kg |
| Mass fraction of benzoic acid and its benzoate salts: sodium benzoate (E211), potassium benzoate (E212), calcium benzoate (E213) | (0.01-2.00)%(100-20,000) mg/kg |
| 58 | GOST 31669 | Juice products: fruit and vegetable juices, nectars, concentrated juices, purees and concentrated purees, fruit drinks and concentrated fruit drinks, juice drinks, fruit and vegetable juice products, fortified and for baby food | 10.3210.86 | 2209 | Mass concentration of sucrose /Mass fraction of sucrose | (1.0-650.0) g/ dm3(1 – 650) ‰ |
| Mass concentration of Glucose /Mass fraction of glucose | (1.0-650.0) g/ dm3(1 – 650) ‰ |
| Mass concentration of fructose /Mass fraction of fructose | (1.0-650.0) g/ dm3(1 – 650) ‰ |
| 59 | MVI.MN 806-98 | Food products, food raw materials, food additives and dietary supplements | 01.1101.4101.4701.4903.2110.01-10.8110.89.19 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-1704 | Mass fraction of sorbic acid and its sorbate salts: sodium sorbate (E201), potassium sorbate (E202), calcium sorbate (E203) | (50-2000) mg/kg (mg/l)(0.05-2) g/kg |
| Mass fraction of benzoic acid and its benzoate salts: sodium benzoate (E211), potassium benzoate (E212), calcium benzoate (E213) | (20-4000) mg/kg (mg/l)(0.02-4) g/kg |
| 60 | MUK 4.1.3605-20  | Fortified products: fruits and vegetables, bakery, dairy, meat | 10.3210.5110.86 | 0201-02100401-04082009 | Vitamin B9 / folic acid / pteroylglutamic acid / folate | (15-300) µg/100g(0.015-0.3) mg/100g |
| 61 | GOST 31691 | Grain (wheat, corn, barley) and its processed products, feed and raw materials for their production on a grain basis (cake, meal) | 01.11 | 1101 | Zearalenone/ZON | (0.1-10) mg/kg |
| 62 | FR.1.31.2012.13727 | Grain, cereals, cereals, legumes and oilseeds, flour, cereals, bread, bakery and pasta products, nuts, animal feed | 01.1110.6110.7110.73 | 1101-11081902 | Ochratoxin A | (0.0005-0.020) mg/kg |
| 63 | STB 2547-2019 | Alcoholic and non-alcoholic drinks | 11.0211.0311.0411.07 | 2202-2208 | Tartrazine (E 102) / mass concentration of tartrazine dye (E 102) | (1.0-250) mg/kg |
| Quinoline yellow (E 104) / quinoline yellow (E 104) / mass concentration of quinoline yellow dye (E 104) | (1.0-250) mg/kg |
| Yellow "sunset" FCF (E 110) / mass concentration of dye yellow "Sunset" FCF (E 110) | (1.0-250) mg/kg |
| Carmoisine (azorubine, E 122) / mass concentration of dye carmoisine (azorubine, E 122) | (1.0-250) mg/kg |
| Amaranth (E 123) / mass concentration of dye amaranth (E 123) | (1.0-250) mg/kg |
| Ponceau 4R (E 124) / mass concentration of dye Ponceau 4R (E 124) | (1.0-250) mg/kg |
| Erythrosine (E 127) / mass concentration of erythrosine dye (E 127) | (1.0-250) mg/kg |
| Red 2G (E 128) / mass concentration of dye red 2G (E 128) | (1.0-250) mg/kg |
| Redcharming AC (E 129) / mass concentration of dye red charming AC (E 129) | (1.0-250) mg/kg |
| Blue patent V (E131) / patent blue V (E 131) / mass concentration of dye patent blue V (E 131) | (1.0-250) mg/kg |
| Indigo carmine (E 132) / mass concentration of indigo carmine dye (E 132) | (1.0-250) mg/kg |
| Blue shiny FCF (E 133) / mass concentration of dye blue shiny FCF (E 133) | (1.0-250) mg/kg |
| Green S (E 142) / mass concentration of dye green S (E 142) | (1.0-250) mg/kg |
| Brilliant black PN (E 151) / mass concentration of dye brilliant black PN (E 151) | (1.0-250) mg/kg |
| Liqueurs, liquid sauces, fruit syrups | 11.01, 11.03, 11.02, 11.04 11.05, 11.06, 11.07, 10.86.10 | 2201-2208 | Tartrazine (E 102) / mass concentration of tartrazine dye (E 102) | (2.5 – 250.0) mg/kg |
| Quinoline yellow (E 104) / quinoline yellow (E 104) / mass concentration of quinoline yellow dye (E 104) | (2.5 – 250.0) mg/kg |
| Yellow "sunset" FCF (E 110) / mass concentration of dye yellow "Sunset" FCF (E 110) | (2.5 – 250.0) mg/kg |
| Carmoisine (azorubine, E 122) / mass concentration of dye carmoisine (azorubine, E 122) | (2.5 – 250.0) mg/kg |
| Amaranth (E 123) / mass concentration of dye amaranth (E 123) | (2.5 – 250.0) mg/kg |
| Ponceau 4R (E 124) / mass concentration of dye Ponceau 4R (E 124) | (2.5 – 250.0) mg/kg |
| Erythrosine (E 127) / mass concentration of erythrosine dye (E 127) | (2.5 – 250.0) mg/kg |
| Red 2G (E 128) / mass concentration of dye red 2G (E 128) | (2.5 – 250.0) mg/kg |
| Redcharming AC (E 129) / mass concentration of dye red charming AC (E 129) | (2.5 – 250.0) mg/kg |
| Blue patent V (E131) / patent blue V (E 131) / mass concentration of dye patent blue V (E 131) | (2.5 – 250.0) mg/kg |
| Indigo carmine (E 132) / mass concentration of indigo carmine dye (E 132) | (2.5 – 250.0) mg/kg |
| Blue shiny FCF (E 133) / mass concentration of dye blue shiny FCF (E 133) | (2.5 – 250.0) mg/kg |
| Green S (E 142) / mass concentration of dye green S (E 142) | (2.5 – 250.0) mg/kg |
| Brilliant black PN (E 151) / mass concentration of dye brilliant black PN (E 151) | (2.5 – 250.0) mg/kg |
| Other food products | 01.1101.4101.4701.4903.2110.01-10.8110.89 | 0201-0210, 0301-0308, 0401-04100701-0714, 0801-0814, 0901-09101001-1008, 1101-1109, 1201-12141601-1605, 1701-1704, 1801-18061901-1905, 2001-2009, 2101-2106 | Tartrazine (E 102) / mass concentration of tartrazine dye (E 102) | (5.0 – 250.0) mg/kg |
| Quinoline yellow (E 104) / quinoline yellow (E 104) / mass concentration of quinoline yellow dye (E 104) | (5.0 – 250.0) mg/kg |
| Yellow "sunset" FCF (E 110) / mass concentration of dye yellow "Sunset" FCF (E 110) | (5.0 – 250.0) mg/kg |
| Carmoisine (azorubine, E 122) / mass concentration of dye carmoisine (azorubine, E 122) | (5.0 – 250.0) mg/kg |
| Amaranth (E 123) / mass concentration of dye amaranth (E 123) | (5.0 – 250.0) mg/kg |
| Ponceau 4R (E 124) / mass concentration of dye Ponceau 4R (E 124) | (5.0 – 250.0) mg/kg |
| Erythrosine (E 127) / mass concentration of erythrosine dye (E 127) | (5.0 – 250.0) mg/kg |
| Red 2G (E 128) / mass concentration of dye red 2G (E 128) | (5.0 – 250.0) mg/kg |
| Redcharming AC (E 129) / mass concentration of dye red charming AC (E 129) | (5.0 – 250.0) mg/kg |
| Blue patent V (E131) / patent blue V (E 131) / mass concentration of dye patent blue V (E 131) | (5.0 – 250.0) mg/kg |
| Indigo carmine (E 132) / mass concentration of indigo carmine dye (E 132) | (5.0 – 250.0) mg/kg |
| Blue shiny FCF (E 133) / mass concentration of dye blue shiny FCF (E 133) | (5.0 – 250.0) mg/kg |
| Green S (E 142) / mass concentration of dye green S (E 142) | (5.0 – 250.0) mg/kg |
| Brilliant black PN (E 151) / mass concentration of dye brilliant black PN (E 151) | (5.0 – 250.0) mg/kg |
| 64 | GOST 34229 | Ready-made juice products from fruits and vegetables | 10.32 | 2209 | Tartrazine (E 102) / mass concentration of tartrazine dye (E 102) | (5.0-200.0)(mg/ dm3) |
| Indigo carmine (E 132) / mass concentration of indigo carmine dye (E 132) | (5.0-200.0)(mg/ dm3) |
| Sunset yellow FCF (E110)/dye mass concentration Sunset yellow FCF (E110) | (5.0-200.0)(mg/ dm3) |
| Azorubine (E 122) / mass concentration of dye azorubine (E 122) / carmoisine (E 122) / mass concentration of dye carmoisine (E 122) | (5.0-200.0)(mg/ dm3) |
| Red charming AC (E 129) / mass concentration of dye red charming AC (E 129) | (5.0-200.0)(mg/ dm3) |
| Ponceau 4R (E 124) / mass concentration of dye Ponceau 4R (E 124) | (5.0-200.0(mg/ dm3) |
| Brilliant blue FCF (E 133) / mass concentration of dye brilliant blue FCF (E 133) / brilliant blue FCF (E 133) / mass concentration of dye brilliant blue FCF (E 133) | (5.0-200.0(mg/ dm3) |
| Blue patent V (E131) / patent blue V (E 131) / mass concentration of dye patent blue V (E 131) | (5.0-200.0)(mg/ dm3) |
| Quinoline yellow (E104) / quinoline yellow (E 104) / mass concentration of quinoline yellow dye (E 104) | (5.0-200.0)(mg/ dm3) |
| Concentrated juice products from fruits and vegetables | 10.32 | 2209 | Tartrazine (E 102) / mass fraction of tartrazine dye (E 102) | (25-1000) ppm (mg/kg) |
| Indigo carmine (E 132) / mass fraction of indigo carmine dye (E 132) | (25-1000) ppm (mg/kg) |
| Sunset yellow FCF (E110)/dye mass fraction Sunset yellow FCF (E110) | (25-1000) ppm (mg/kg) |
| Azorubine (E 122) / mass fraction of dye azorubine (E 122) / carmoisine (E 122) / mass fraction of dye carmoisine (E 122) | (25-1000) ppm (mg/kg) |
| Red charming AC (E 129) / mass fraction of dye red charming AC (E 129) | (25-1000) ppm (mg/kg) |
| Ponceau 4R (E 124) / mass fraction of dye Ponceau 4R (E 124) | (25-1000) ppm (mg/kg) |
| Brilliant blue FCF (E 133) / mass fraction of dye brilliant blue FCF (E 133) / brilliant blue FCF (E 133) / mass fraction of dye brilliant blue FCF (E 133) | (25-1000) ppm (mg/kg) |
| Blue patent V (E131) / patent blue V (E 131) / mass fraction of dye patent blue V (E 131) | (25-1000) ppm (mg/kg) |
| Quinoline yellow (E104) / quinoline yellow (E 104) / mass fraction of quinoline yellow dye (E 104) | (25-1000) ppm (mg/kg) |
| 65 | M-02-0609-19 | Food products of plant and animal origin and other food products; all soil types | 10.11-10.13, 10.20, 10.31, 10.32, 10.39 10.41, 10.42, 10.51, 10.52, 10.61, 10.62, 10.71-10.73, 10.81-10.86, 10.8911.01-11.07 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-17041801-1806 | Qualitative determination of pesticides / identification of pesticides | detected /not detected |
| 66 | GOST 33608 | Meat, including poultry, offal, meat and meat-containing products | 10.1010.1110.12 | 0201-0210, 1601-1603 | Brassicasterine | (1-1000) mg/kg |
| Campesterol | (1-1000) mg/kg |
| Stigmasterin | (1-1000) mg/kg |
| β-Sitosterol | (1-1000) mg/kg |
| 67 | MUK 4.1.3666-2020 | Meat and meat products | 10.10, 10.13, 10.13.13 | 0201-0210, 1601-1603 | Cholesterol | (0.3-35.0) mg/100g |
| Brassicasterine | (0.3-35.0) mg/100g |
| Campesterol | (0.3-35.0) mg/100g |
| Stigmasterin | (0.3-35.0) mg/100g |
| β-Sitosterol | (0.3-35.0) mg/100g |
| 68 | MUK 4.1.3667-2020 | Milk and dairy products | 10.5110.86 | 0401-0406 | Cholesterol | (0.2-20.0) mg/100g |
| Brassicasterine | (0.2-20.0) mg/100g |
| Campesterol | (0.2-20.0) mg/100g |
| Stigmasterin | (0.2-20.0) mg/100g |
| β-Sitosterol | (0.2-20.0) mg/100g |
| 69 | GOST R 53217 | Soil of all types | - | - | α-HCH/hexachlorocyclohexane α-isomer | (1-1000) µg/kg |
| β-HCH/hexachlorocyclohexane β-isomer | (1-1000) µg/kg |
| γ-HCH/hexachlorocyclohexane γ-isomer | (1-1000) µg/kg |
| Estimated indicator:Hexachlorocyclohexane (α, β, γ-isomers) (HCCH) | (1-1000) µg/kg |
| DDD/dichlorodiphenyldichloroethane | (1-1000) µg/kg |
| DDT/dichlorodiphenyltrichloroethane | (1-1000) µg/kg |
| DDE/dichlordiphenyl nyldichlorethylene | (1-1000) µg/kg |
| Estimated indicator:DDT and its metabolites | (1-1000) µg/kg |
| Heptachlor | (1-1000) µg/kg |
| Aldrin | (1-1000) µg/kg |
| Hexachlorobenzene | (1-1000) µg/kg |
| 70 | GOST 34178 Appendix B | Spreads and baked mixtures, milk and dairy products | 10.4210.51 | 0401-0404 | mass fraction of milk fat in the fat phase | (3-85)% |
| 71 | GOST R 54686 | Confectionery and confectionery semi-finished products | 10.71, 10.71.2, 10.72, 10.72.3, 10.72.39, 10.80, 10.82 | 1701-1704, 1806, 1901-1905 | mass fraction of butyric acid / mass fraction of butanoic acid (C4:0) | (0.1-50)% |
| mass fraction of caproic acid / mass fraction of hexanoic acid (C6:0) | (0.1-50)% |
| mass fraction of caprylic acid / mass fraction of octanoic acid (C8:0) | (0.1-50)% |
| mass fraction of capric acid / mass fraction of decanoic acid (C10:0) | (0.1-50)% |
| mass fraction of lauric acid / mass fraction of dodecanoic acid (C 12:0) | (0.1-50)% |
| mass fraction of myristic acid / mass fraction of tetradecanoic acid (C14:0) | (0.1-50)% |
| mass fraction of palmitic acid / mass fraction of hexadecanoic acid (C16:0) | (0.1-50)% |
| mass fraction of margaric acid / mass fraction of heptadecanoic acid (C17:0) | (0.1-50)% |
| mass fraction of stearic acid / mass fraction of octadecanoic acid (C18:0) | (0.1-50)% |
| mass fraction of arachidic acid / mass fraction of eicosanoic acid (C20:0) | (0.1-50)% |
| mass fraction of behenic acid / mass fraction of docosanoic acid (C22:0) | (0.1-50)% |
| Estimated indicator:mass fraction of saturated fatty acids | (0.1-50)% |
| 72 | GOST R 55483 | Meat, offal, raw fat, meat and meat-containing products, lard products | 10.11, 10.12, 10.13, 10.13.3, 10.13.4, 10.13.5 | 0201-0210, 1501-1505, 1601-1603 | mass fraction of caproic acid / mass fraction (C6:0) of the total fatty acids | (0.03-98)% |
| mass fraction of caprylic acid / mass fraction (C8:0) of the total fatty acids | (0.03-98)% |
| mass fraction of capric acid / mass fraction (C10:0) of the total fatty acids | (0.03-98)% |
| mass fraction of decene/mass fraction (C101:1) of the total fatty acids | (0.03-98)% |
| mass fraction of lauric acid / mass fraction (C 12:0) of the total fatty acids | (0.03-98)% |
| mass fraction of tridecanoic acid/mass fraction (C 13:0) of the total fatty acids | (0.03-98)% |
| mass fraction of myristic acid / mass fraction (C14:0) of the total fatty acids | (0.03-98)% |
| mass fraction of myristoleic acid / mass fraction (C14:1 cis-9) of the total fatty acids | (0.03-98)% |
| mass fraction of pentadecanoic acid/mass fraction (C15:0) of the total fatty acids | (0.03-98)% |
| mass fraction of cis 10-pentadecenoic acid/mass fraction (C15:1 cis-10) of the total fatty acids | (0.03-98)% |
| mass fraction of palmitic acid / mass fraction (C16:0) of the total fatty acids | (0.03-98)% |
| mass fraction of cis-9-palmitoleic acid/mass fraction (C16:1 cis-9) of the total fatty acids | (0.03-98)% |
| mass fraction of margaric acid / mass fraction (C17:0) of the total fatty acids | (0.03-98)% |
| mass fraction. heptadecenoic acid/mass fraction (C17:1 cis-10) of the total fatty acids | (0.03-98)% |
| mass fraction of stearic acid / mass fraction (C18:0) of the total fatty acids | (0.03-98)% |
| mass fraction of oleic acid / mass fraction (C18:1 cis-9) of the total fatty acids | (0.03-98)% |
| mass fraction of elaidic acid/mass fraction (C18:1 trans-9) of the total fatty acids | (0.03-98)% |
| mass fraction of linoleic acid / mass fraction (C18:2n6) of the total fatty acids | (0.03-98)% |
| mass fraction of gamma-linoleic acid (C18:3 all cis-6,9,12) from the total fatty acids | (0.03-98)% |
| mass fraction of alpha-linolenic acid / (C18:3 all cis-9,12,15) of the total fatty acids | (0.03-98)% |
| mass fraction of gadoleic acid/mass fraction (C20:1 cis-11) of the total fatty acids | (0.03-98)% |
| mass fraction of arachidic acid / mass fraction (C20:0) of the total fatty acids | (0.03-98)% |
| mass fraction of cis-11,14-eicosadienoic acid (C20:2 all cis-11,14) from the total fatty acids | (0.03-98)% |
| mass fraction of cis-8,11.14-eicosatrienoic acid (C20:3 all cis-8,11,14) from the total fatty acids | (0.03-98)% |
| mass fraction of cis-11,14,17-eicosatrienoic acid (C20:3 all cis-11,14,17) from the total fatty acids | (0.03-98)% |
| mass fraction of arachidonic acid / mass fraction (C20:4n6) of the total fatty acids | (0.03-98)% |
| mass fraction of ecosapentaenoic acid/mass fraction (C20:5n3 all cis-5,8,11,14,17) of the total fatty acids | (0.03-98)% |
| mass fraction of heneicosanoic acid/mass fraction (C21:0) of the total fatty acids | (0.03-98)% |
| mass fraction of behenic acid / mass fraction (C22:0) of the total fatty acids | (0.03-98)% |
| mass fraction of erucic acid / mass fraction (C22:1n9) of the total fatty acids | (0.03-98)% |
| mass fraction of docosapentaenoic acid/mass fraction of cis-5,8,11,14,17- (C20:5n3) from the total fatty acids | (0.03-98)% |
| mass fraction of docosahexaenoic acid cis-4,7,10,13,16,19- (C22:6n3) from the total fatty acids | (0.03-98)% |
| mass fraction of lignoceric acid / mass fraction of tetracosanoic acid (C24:0) from the total fatty acids | (0.03-98)% |
| mass fraction of tricosanoic acid | (0.03-98)% |
| mass fraction of tetracosenoic acid/mass fraction (C24:1 cis-15) of the total fatty acids | (0.03-98)% |
| 73 | GOST 32150 p. 7.8 | Edible eggs and food products for processing poultry eggs (liquid, concentrated and dry - egg mass, egg melange, egg yolk) | 10.89.1 | 0407-0408 | mass fraction of capric acid (C10:0) from the total fatty acids | (0.2-20)%(0.3-20)% |
| mass fraction of undecanoic acid (C11:0) from the total fatty acids | (0.2-20)% |
| mass fraction of lauric acid (C 12:0) from the total fatty acids | (0.2-20)% |
| mass fraction of tridecanoic acid (C 13:0) from the total fatty acids | (0.2-20)% |
| mass fraction of myristic acid (C14:0) from the total fatty acids | (0.2-20)% |
| mass fraction of myristoleic acid (C14:1 cis-9) from the total fatty acids | (0.2-20)% |
| mass fraction of pentadecanoic acid (C15:0) from the total fatty acids | (0.2-20)% |
| mass fraction of cis 10-pentadecenoic acid (C15:1 cis-10) from the total fatty acids | (0.2-20)% |
| mass fraction of palmitic acid (C16:0) from the amount of fatty acids | (0.2-20)% |
| mass fraction of cis-9-palmitoleic acid (C16:1 cis-9) from the total fatty acids | (0.2-20)% |
| mass fraction of margaric acid (C17:0) from the total fatty acids / | (0.2-20)% |
| mass fraction of cis-10-margaric acid (C17:1 cis-10) from the total fatty acids | (0.2-20)% |
| mass fraction of stearic (C18:0) acid from the total fatty acids | (0.2-20)% |
| mass fraction of elaidic acid from the total fatty acids (C18:1 trans-9) | (0.2-20)% |
| mass fraction of oleic acid(C18:1 cis-9) from the total fatty acids | (0.2-20)% |
| mass fraction of linoleidic acid (C18:2 all trans-9.12) from the total fatty acids | (0.2-20)% |
| mass fraction of linoleic acid (C 18:2 all cis-9.12) from the total fatty acids | (0.2-20)% |
| mass fraction of arachidic acid (C20:0) from the total fatty acids | (0.2-20)% |
| mass fraction of gamma-linoleic acid (C18:3 all cis-6,9,12) from the total fatty acids | (0.2-20)% |
| mass fraction of cis-11-eicosenoic acid (C20:1 cis-11) from the total fatty acids | (0.2-20)% |
| mass fraction of linolenic acid (C18:3 all cis-9,12,15) from the total fatty acids | (0.2-20)% |
| mass fraction of heneicosanoic acid (C21:0) from the total fatty acids | (0.2-20)% |
| mass fraction of cis-11,14-eicosadienoic acid (C20:2 all cis-11,14) from the total fatty acids | (0.2-20)% |
| mass fraction of behenic acid (C22:0) from the total fatty acids | (0.2-20)% |
| mass fraction of cis-8,11,14-eicosatrienoic acid (C20:3 all cis-8,11,14) from the total fatty acids | (0.2-20)% |
| mass fraction of erucic acid (C22:1 cis-13) from the total fatty acids | (0.2-20)% |
| mass fraction of cis-11,14,17-eicosatrienoic acid (C20:3 all cis-11,14,17) from the total fatty acids | (0.2-20)% |
| mass fraction of arachidonic acid (C20:4 all cis-5,8,11.14) from the total fatty acids / | (0.2-20)% |
| mass fraction of cis-13,16-docosadienoic acid (C22:2 all cis-13,16) from the total fatty acids | (0.2-20)% |
| mass fraction of lignoceric acid (C24:0) from the total fatty acids | (0.2-20)% |
| mass fraction of cis-5,8,11,14,17-eicosapentaenoic (C20:5 all cis-5,8,11,14,17) acid from the total fatty acids | (0.2-20)% |
| mass fraction of nervonic acid (C24:1 cis-15) from the total fatty acids | (0.2-20)% |
| mass fraction of cis-4,7,10,13,16,19-docosahexaenoic acid (C22:6 all cis-4,7,10,13,16,19) from the total fatty acids | (0.2-20)% |
| 74 | MP 4.1.0213-20 | Confectionery products containing vegetable oils, animal fats and products of their processing; vegetable oils, animal fats and products of their processing; milk, dairy products and their products; meat, meat products and their processed products; eggs and egg products | 10.51, 10.11, 10.12, 10.13, 10.13.3, 10.13.4, 10.13.5, 10.72 | - | Preparation of samples for research | - |
| 75 | Operating manual for the device "GANK-4"(KPGU 413322 022 RE) | Work area air, atmospheric air | - | - | Methane CH4 | AR - (25-35000) mg/m3 |
| 76 | ATMAS Dust Analyzer Operating Manual(BVEK 610000.001 RE) | Work area air, atmospheric air | - | - | Mass concentration of aerosol particles/mass concentration of dust/mass concentration of suspended particles | (0.1-150) mg/ m3 |
| Mass concentration of aerosol particles PM2.5 / Suspended solids PM2.5 / Suspended particles PM2.5 | (0.1-150) mg/ m3 |
| Mass concentration of aerosol particles PM10 / Suspended solids PM10 / Suspended particles PM10 | (0.1-150) mg/ m3 |
| 77 | GOST 31660 | Non-alcoholic drinks, mineral drinking, medicinal, medicinal table waters | 11.07.1 | 2201220110220225000401-04041101-1108 | Iodine / Mass concentration / Mass fraction of iodine | (0.005–1.5)mg/ m3 |
| Bread and bakery products | 10.71 | Iodine / Mass concentration / Mass fraction of iodine | (0.2–2.5) mg/kg(0.02-0.25)mg/100 g |
| Yeast | 10.89 | Iodine / Mass concentration / Mass fraction of iodine | (5.0–100) mg/kg(0.5-10.0)mg/100 g |
| Table and therapeutic salt | 10.84 | Iodine / Mass concentration / Mass fraction of iodine | (1.0–60) mg/kg(0.1-6.0)mg/100 g |
| Milk, fermented milk and fat products | 10.51 | Iodine / Mass concentration / Mass fraction of iodine | (0.05–10) mg/kg ormg/dm3 |
| 78 | MU 31-07/04 (FR.1.31.2004.01166) | Food products, food raw materials, feed and their processed products, medicines, vitamins, biologically active food additives (BAS), biological objects | 01.1101.4101.4701.4903.2110.01-10.8110.89.19 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-1522 | Iodine/mass fraction of iodine/mass concentration of iodine/iodine content | (0.02-2000) mg/kg(0.002-200) mg/100 g |
| 79 | MU 31-21/06 (FR.1.31.2008.05138) | Food products, food raw materials, dietary supplements | 01.1101.4101.4701.4903.2110.01-10.8110.89.19 | 0201-02100301-03080401-04100701-07140801-08130901-09101001-10081101-11091201-12141501-15221601-16051701-1704 | Selenium/mass concentration of selenium/selenium content | (0.020 – 70.0) mg/kg(0.002-7.0) mg/100 g |
| **RADIOLOGICAL STUDIES** |
| 80 | MP 2.6.1.0064-12 p. 12.1 | Drinking water, natural (surface and underground), including sources of drinking water supply. Packaged drinking water, including natural watermineral, artificialmineralized drinking waterfor baby food | 36.00.1111.07.11.11011.07.11.12036.00.12 | 22012202 | Specific activity of radium isotopes (226Ra,228Ra,224Ra) | (0.1-1000) Bq/dm3 |
| p. 12.2 | Specific activity of polonium isotopes (210Po) | (0.009-5000) Bq/dm3 |
| Specific activity of lead isotopes (210Pb) | (0.001-1000) Bq/dm3 |
| p. 12.3 | Specific activity of uranium isotopes(234U,238U) | (0.1-1000) Bq/dm3 |
| p. 12.4 | Specific activity of thorium isotopes (232Th,230Th,228Th) | (0.1-1000) Bq/dm3 |
| p. 12.6 | Specific activitypotassium (40K) | (0.1-1000) Bq/dm3 |
| 81 | Radiation monitoring method No. 40073.3G178//01.00294-2010 dated 04.22.2013 | Drinking water, natural (surface and underground), including sources of drinking water supply. Packaged drinking water, including natural mineral, artificially mineralized, drinking water for baby food | 36.00.1111.07.11.11011.07.11.12036.00.12 | 22012202 | Specific total alpha activity | (0.02-100) Bq/kg |
| Specific total beta activity | (0.1-1000) Bq/kg |
| 82 | Methodology of CMII "VNIIFTRI" 30.07.2008 | Drinking water, natural (surface and underground), including sources of drinking water supply. Packaged drinking water, including natural watermineral, artificialmineralized drinking waterfor baby food | 36.00.1111.07.11.11011.07.11.12036.00.12 | 22012202 | Specific activity of radon-222 | (0.3-1000) Bq/dm3 |
| **355000, Stavropol region, Stavropol city, October Revolution Avenue, 15/123 Dzerzhinsky street in block 53** |
| **HABITAT FACTORS OF INDUSTRIAL FACILITIES (WORKPLACES, PRODUCTION AREA), RESIDENTIAL AND PUBLIC BUILDINGS, INSTRUMENTAL MEASUREMENTS OF PHYSICAL FACTORS** |
| 83 | Electromagnetic radiation level meter P3-42Operating manual PTMB.411153.005 RE | Production (working) environment, workplaces, territory of enterprises,Residential, public, administrative premises,residential area,mechanical engineering and instrument making products, medical equipment products,children's products: toys, educational supplies | 32.40.12.17132.40.12.17232.40.332.40.39.13032.40.42.19232.40.39.15432.40.39.15732.40.39.153 | 9503 00950300210095030031009503005000950300700095030091009504950490100095043010009504909002 | energy flux density | (0.3 – 40) GHz(0.26 – 100,000) µW/cm2(0.3 – 95) GHz(3 – 1,000,000) µW/cm2 |
| 84 | Sound level meter-vibrometer, spectrum analyzer Ecophysics-110A. Operating manual. PKDU.411000.001.02 RE  | Workplaces, industrial zone, residential and public buildings, residential areas | - | - | Sound level | (25-140) dB |
| Equivalent sound level | (25-140) dB |
| Sound pressure levels (in dB) in octave bands with geometric mean frequencies 31.5-8000 Hz | (25-140) dB |
| Equivalent sound level | (25-140) dB |
| Maximum sound level | (25-140) dB |
| Peak sound level | (25-140) dB |
| general infrasound level | (35-140) dB |
| sound pressure levels in octave frequency bands 2,4,8,16 Hz | (25-140) dB |
| Equivalent total infrasound level per work shift | (25-140) dB |
| Maximum adjusted levels of vibration acceleration of local vibration per work shift | (66-185) dB |
| 85 | Sound level meter-vibrometer, spectrum analyzer Ecophysics-110A. Operating manual. PKDU.411000.001.02 RE clause 6; 7.1;7.2; application | Workplaces, industrial zone, residential and public buildings, residential areas | - | - | Sound level | (25-140) dB |
| Equivalent sound level | (25-140) dB |
| Sound pressure levels (in dB) in octave bands with geometric mean frequencies 31.5-8000 Hz | (25-140) dB |
| Equivalent sound level | (25-140) dB |
| Maximum sound level | (25-140) dB |
| Peak sound level | (25-140) dB |
| general infrasound level | (35-140) dB |
| sound pressure levels in octave frequency bands 2,4,8,16 Hz | (25-140) dB |
| Equivalent total infrasound level per work shift | (25-140) dB |
| Equivalent sound pressure levels per work shift in octave frequency bands 2,4,8,16 Hz | (25-140) dB |
| Maximum overall infrasound level | (35-140) dB |
| 86 | Laser dosimeter"LD 07"Operating manual BVEK 710000.001 RE | Workplaces, production areamedical equipment products,children's products: toys, educational supplies | 32.40.12.17132.40.12.17232.40.332.40.39.13032.40.42.19232.40.39 | 9503 00950300210095030031009503005000950300700095030091009504950490100095043010009504909002 | Irradiance from continuous laser radiation, W/cm²Energy exposure from pulsed laser radiation, J/cm  | spectral ranges 1 and 2, µm1: 0.4-1.02: 1.0-201:(10-7- 2·10-2)2: (10-4-1)1:(10-8- 2·10-3)2: (10-5-5·10-1) |
| 87 | FR.1.36.2014.17499 MethodologyMI PKF-14-007 | Residential and public buildings | - | - | Equivalent adjusted vibration acceleration levels/rmsadjustedvibration acceleration | (59-164) dB |
| 88 | FR.1.36.2014.18050 Measurement technique MI PKF-14-009 | Residential and public buildings | - | - | Sound levelEquivalent sound levelSound pressure levels (in dB) in octave bands with geometric mean frequencies 31.5-8000 Hz | (22-139) dBA(15-139) dB |
| 89 | FR.1.36.2016.23848 Measurement techniqueMI PKF-15-013 | Residential and public buildings | - | - | Equivalent sound levelMaximum sound level | (22-139) dBA |
| **PARASITOLOGICAL RESEARCH** |
| 90 | MUK 4.2.2661-10 | Wastewater, sewage sludge | - | - | Viable eggs of helminths (ascaris, whipworm, toxocar, fasciol), oncospheres of taeniids | discovered/not detected |

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| Head of the ILC FBUZ "Center for Hygiene and Epidemiologyin the Stavropol Territory" |  |  |  | E.A. Vasilenko |
| position of authorized person |  | signature of an authorized person |  | initials, surname of the authorized person |