**SCOPE 134 ЛИ**

**Sofia, 16.07.2025**

**KOMIHRIS LTD, PLOVDIV**

KOMIHRIS ANALYTICAL CENTRE FOR LABORATORY TESTS,

**Management address:** 4000 Plovdiv, 17, Presiyan Str, Floor 4, Apt. 5

**Laboratory address:** 4109 Brani pole, Rodopi Municipality, Razklona Area, 20 A

**To perform testing of**:

| **Type of the scope:** *Flexible for a part of the scope\** | | | | |
| --- | --- | --- | --- | --- |
| **№** | **Tested products** | **Type of test/characteristic** | | **Testing methods (standard / validated method)** |
| 1 | 2 | 3 | | 4 |
| 1. | Meat (1) and meat products (2) | Physico- chemical tests | | |
| 1.1 | Moisture/ dry matter | БДС 5712 (1) (2) |
| 1.2 | Chlorides/ Sodium chloride | БДС 7168, cl. 4 (1)(2) |
| 1.3 | Fat | БДС 8549, cl. 4 (1)(2) |
| 1.4 | рН | БДС 1323, cl. 2.3.1 (1) |
| 1.5 | Total ash | БДС 9373 (1) (2) |
| 1.6 | Nitrites | ILM 2 UV-VIS/2024(1)(2) |
| 1.7 | Protein | БДС 9374, cl. 2 (1)(2) |
| 1.8 | Water activity | БДС ISO 18787 (1) (2) |
| 1.9 | Saturated/ Unsaturated fatty acids | ILM 63 GC FID/2024 (2) |
| 1.10 | Carbohydrates | ILM 22/2024 (1)(2) |
| 1.11 | Dietary fibre (fibres)-total, soluble and insoluble | AOAC 985.29 (1)(2)  AOAC 991.43 (1)(2) |
| 1.12 | Energy value | Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) (1) (2) |
| 1.13 | Organoleptic testing | БДС 1323 (1)  БДС 9381 (2) |
| 1.14 | Arsenic/ As | ILM75 ICP-OES/2024(2) |
| 1.15 | Mercury/Hg | ILM75 ICP-OES/2024(2) |
| 1.16 | Nickel/ Ni | ILM75 ICP-OES/2024(2) |
| 1.17 | Sodium/ Na | ILM 45 ААS/2024(2) |
| ILM75 ICP-OES/2024(2) |
| 1.18 | Lead/ Pb | ILM75 ICP-OES/2024 (2) |
| 1.19 | Cadmium/ Cd | ILM75 ICP-OES/2024 (2) |
| 1.20 | Calcium/Ca | ILM 45 ААS/2024 (2) |
| ILM75 ICP-OES/2024 (2) |
| 1.21 | Magnesium / Mg | ILM75 ICP-OES/2024 (2) |
| 1.22 | Chromium/ Cr | ILM75 ICP-OES/2024 (2) |
| 1.23 | Zinc/ Zn | ILM75 ICP-OES/2024 (2) |
| 1.24 | Copper/ Cu | ILM75 ICP-OES/2024 (2) |
| 1.25 | Potassium/K | ILM75 ICP-OES/2024 (2) |
| 1.26 | Tin/Sn | ILM75 ICP-OES/2024 (2) |
| 1.27 | Iron/Fe | ILM75 ICP-OES/2024 (2) |
| 1.28 | Phosphorus/P | ILM75 ICP-OES/2024 (2) |
| Microbiological testing | | |
| 1.29 | Total plate count | БДС EN ISO 4833-1/A1 (1)(2)  БДС EN ISO 4833-2/A1 (1)(2) |
| 1.30 | Listeria monocytogenes  (Listeria monocytogenes)/  Listeria spp. | БДС EN ISO 11290-1 (1)(2)  БДС EN ISO 11290-2 (1)(2) |
| 1.31 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1 (1)(2) |
| 1.32 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2 (1)(2)  БДС EN ISO 21528-1 (1)(2) |
| 1.33 | Escherichia coli | БДС ISO 16649-1 (1)(2)  БДС ISO 16649-2 (1)(2)  БДС EN ISO 16649-3 cl. 9.1 (1)(2) |
| 1.34 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1 (1)(2) БДС EN ISO 6888-2 (1)(2)  БДС EN ISO 6888-3+АС cl. 9.1 (1)(2) |
| 1.35 | Moulds and yeasts | БДС ISO 21527-1 (1)(2)  БДС ISO 21527-2 (1)(2) |
| 1.36 | Coliforms | ISO 4832 (1)(2)  ISO 4831 cl. 9.1 (1)(2) |
| 1.37 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 (1)(2) |
| 1.38 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 (1)(2) |
| 1.39 | Antibiotics and sulfonamides | БДС 1323 cl. 4.3.1 (1) |
| 2. | Milk (1)  Dairy products (2) | Physico- chemical tests | | |
| 2.1 | Water content/dry matter | БДС 1109 (1) (2) |
| 2.2 | Density | БДС 1110 (1) |
| 2.3 | Acidity | БДС 1111 (1) (2) |
| 2.4 | Fat | БДС ISO 19662 (1) ISO 3433 (2)  БДС EN ISO 17189 (2)  БДС EN ISO 2450 (2) |
| 2.5 | Sodium chloride | БДС 8274, cl. 5 (2)  БДС 8274, cl. 6 (2) |
| 2.6 | Protein/Crude protein | БДС 6231, cl. 2 (1)(2)  БДС EN ISO 8968-1 (1)(2) |
| 2.7 | Aflatoxin М1 | БДС EN ISO 14501 (1) |
| 2.8 | Fatty acid composition/  Saturated/ Unsaturated fatty acids | ILM 63 GC FID/2024(2) |
| 2.9 | Trans fatty acid isomers | ILM 63 GC FID/2024(2) |
| 2.10 | Sugars/lactose, glucose, sucrose,  fructose | ILM 33 HPLC/2024 (1)(2) |
| 2.11 | Total ash | БДС 6154 (1)(2) |
| 2.12 | Carbohydrates | ILM 22 (2024) (1)(2) |
| 2.13 | Dietary fibre (fibres)-total, soluble and insoluble | AOAC 985.29 (1)(2)  AOAC 991.43 (1)(2) |
| 2.14 | Energy value | Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) (1)(2) |
| 2.15 | Water activity | БДС ISO 18787 (2) |
| 2.16 | Organoleptic testing | БДС 15612 (2) |
| 2.17 | Arsenic/ As | ILM75 ICP-OES/2024 (1)(2) |
| 2.18 | Mercury/Hg | ILM75 ICP-OES/2024 (1)(2) |
| 2.19 | Nickel/ Ni | ILM75 ICP-OES/2024 (1)(2) |
| 2.20 | Sodium/ Na | ILM45 AAS/2024 (1)(2) |
| ILM75 ICP-OES/2024 (1)(2) |
| 2.21 | Lead/ Pb | ILM75 ICP-OES/2024 (1)(2) |
| 2.22 | Cadmium/ Cd | ILM75 ICP-OES/2024 (1)(2) |
| 2.23 | Calcium/Ca | ILM45 AAS/2024 (1)(2) |
| ILM75 ICP-OES/2024 (1)(2) |
| 2.24 | Magnesium / Mg | ILM75 ICP-OES/2024 (1)(2) |
| 2.25 | Chromium/ Cr | ILM75 ICP-OES/2024 (1)(2) |
| 2.26 | Zinc/ Zn | ILM75 ICP-OES/2024 (1)(2) |
| 2.27 | Copper/ Cu | ILM75 ICP-OES/2024 (1)(2) |
| 2.28 | Potassium/K | ILM75 ICP-OES/2024 (1)(2) |
| 2.29 | Tin/Sn | ILM75 ICP-OES/2024 (1)(2) |
| 2.30 | Iron/Fe | ILM75 ICP-OES/2024 (1)(2) |
| 2.31 | Phosphorus/P | ILM75 ICP-OES/2024 (1)(2) |
| 2.32 | Aluminium/Al | ILM75 ICP-OES/2024 (1)(2) |
| Microbiological testing | | |
| 2.33 | Total plate count | БДС EN ISO 4833-1/A1(1)(2)  БДС EN ISO 4833-2/A1(1)(2) |
| 2.34 | Listeria monocytogenes  (Listeria monocytogenes)/ Listeria spp. | БДС EN ISO 11290-1 (1)(2)  БДС EN ISO 11290-2 (1)(2) |
| 2.35 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1(1)(2) |
| 2.36 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2 (1)(2)  БДС EN ISO 21528-1 (1)(2) |
| 2.37 | Escherichia coli | БДС ISO 16649-1 (1)(2)  БДС ISO 16649-2 (1)(2) |
| 2.38 | Coagulase-positive staphylococci (Staphylococcus aureus) | БДС EN ISO 6888-1 (1)(2)БДС EN ISO 6888-2 (1)(2) БДС EN ISO 6888-3+АС cl. 9.1 (1)(2) |
| 2.39 | Moulds and yeasts | БДС ISO 21527-1 (1)(2)  БДС ISO 21527-2 (1)(2)  БДС ISO 6611 (1) (2) |
| 2.40 | Coliforms | ISO 4832 (1)(2)  ISO 4831 cl. 9.1 (1)(2) |
| 2.41 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 (1)(2) |
| 2.42 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 (1)(2) |
| 2.43 | Bacillus cereus | БДС EN ISO 7932 (1)(2) |
| 2.44 | Inhibiting substances/  Inhibitors | БДС 6688 cl. 2 (1)  БДС 6688 cl. 4 (1) |
| 2.45 | Total number of somatic cells | БДС EN ISO 13366-1 (1) |
| 2.46 | Characteristic microorganisms in yogurt /Lactobacillus delbrueckii subsp. bulgaricus and Streptococcus thermophilus | БДС ISO 7889 (2) |
| 2.47 | Bifidobacteria | ISO 29981 (2) |
| 3. | Water- drinking water  (natural mineral water,  spring water, table water, waters, intended for drinking and household purposes, bottled water and source water) (1).  Underground waters (2)  Swimming pool water (3).  Ice (4) | Physico- chemical tests | | |
| 3.1 | Nitrites | ILM 3 UV-VIS/2024 (1)(2)(3) |
| 3.2 | Sulphates | ILM4 UV-VIS/2024 (1)(2) |
| 3.3 | Ammonium ion | ILM5 UV-VIS/2024 (1)(2)(3) |
| 3.4 | Aluminium/Al | ILM6 UV-VIS/2024 (1)(2) |
| ILM75 ICP-OES/2024 (1)(2) |
| 3.5 | Iron/Fe | ILM7 UV-VIS/2024 (1)(2)(3) |
| ILM75 ICP-OES/2024 (1)(2)(3) |
| 3.6 | Nitrates | ILM8 UV-VIS/2024 (1)(2) |
| 3.7 | Chlorides | ILM9 UV-VIS/2024 (1)(2) |
| 3.8 | Manganese/Mn | ILM10 UV-VIS/2024 (1)(2)(3) |
| ILM75 ICP-OES/2024 (1)(2)(3) |
| 3.9 | Electrical conductivity | БДС EN 27888 (1) (2) |
| 3.10 | рН | БДС 17.1.4.27 (2)(3)  БДС 3424 cl. 1 (1) |
| 3.11 | Colour | БДС 8451 (1) |
| 3.12 | Smell | БДС 8451 (1) |
| 3.13 | Taste | БДС 8451 (1) |
| 3.14 | Arsenic/ As | ILM75 ICP-OES/2024 (1)(2) |
| 3.15 | Mercury/Hg | ILM75 ICP-OES/2024 (1)(2) |
| 3.16 | Nickel/ Ni | ILM75 ICP-OES/2024(1)(2) |
| 3.17 | Sodium/ Na | ILM45 AAS/2024 (1)(2) |
| ILM75 ICP-OES/2024 (1)(2) |
| 3.18 | Lead/ Pb | ILM75 ICP-OES/2024(1)(2) |
| 3.19 | Cadmium/ Cd | ILM75 ICP-OES/2024(1)(2) |
| 3.20 | Calcium/Ca | ILM45 AAS/2024 (1)(2) |
| ILM75 ICP-OES/2024(1)(2) |
| 3.21 | Magnesium / Mg | ILM75 ICP-OES/2024(1)(2) |
| 3.22 | Chromium/ Cr | ILM75 ICP-OES/2024(1)(2) |
| 3.23 | Zinc/ Zn | ILM75 ICP-OES/2024(1)(2) |
| 3.24 | Copper/ Cu | ILM75 ICP-OES/2024(1)(2) |
| 3.25 | Total hardness | ILM34 UV-VIS/2024 (1)(2) |
| 3.26 | Free chlorine residual | ILM23 UV-VIS/2024 (1)(2)(3) |
| 3.27 | Fluorides | ILM 32 UV-VIS/2024 (1)(2) |
| 3.28 | Phosphates | ILM12 UV-VIS/2024 (1)(2) |
| 3.29 | Potassium/K | ILM75 ICP-OES/2024(1)(2) |
| 3.30 | Active chlorine residual (combined+free) | ILM23 UV-VIS/2024 (1)(2)(3) |
| 3.31 | Permanganate index | БДС EN ISO 8467 (1) (2) (3) |
| Microbiological testing | | |
| 3.32 | Total bacterial count (TBC) | БДС EN ISO 6222 (1) (2) (3) (4)  БДС 17335 (3) |
| 3.33 | Enterococci/  Faecal streptococci | БДС EN ISO 7899-2 (1) (3) (4) |
| 3.34 | Pseudomonas aeruginosa  (Pseudomonas aeruginosa) | БДС EN ISO 16266 (1)(3)(4) |
| 3.35 | Escherichia coli | БДС EN ISO 9308-1/A1 (1)(3)(4) |
| 3.36 | Coliforms | БДС EN ISO 9308-1/A1 (1)(3)(4) |
| 3.37 | Clostridium/  Spore-forming sulfite-reducing anaerobe bacteria | БДС EN 26461-2 (1)(3)(4) |
| 3.38 | Clostridium perfringens  (Clostridium perfringens)/Spores of Clostridium perfringens | БДС EN ISO 14189 (1)(3)(4) |
| 3.39 | Escherichia coli titre | БДС 17335 (3) |
| 3.40 | Coli titre | БДС 17335 (3) |
| 3.41 | Staphylococcus titre | БДС 17335 (3) |
| 3.42 | Enterococcus titre | БДС 17335 (3) |
| 4. | Confectionery | Physico- chemical tests | | |
| 4.1 | Dry matter/moisture content | БДС 5313 cl. 2.1 |
| 4.2 | Total ash | БДС 5313 |
| 4.3 | Fat | БДС 5439 cl. 2.2.3 |
| 4.4 | Water activity | БДС ISO 18787 |
| 4.5 | Saturated/  Unsaturated fatty acids | ILM 63 GC FID/2024 |
| 4.6 | Trans fatty acid isomers | ILM 63 GC FID/2024 |
| 4.7 | Protein | ILM71 Kjeldahl/2024 |
| 4.8 | Sugars/lactose, glucose, sucrose,  fructose | ILM 33 HPLC/2024 |
| 4.9 | Ash, insoluble in hydrochloric acid | БДС 5313 |
| 4.10 | Sorbic acid/Potassium sorbate | ILM 40 HPLC/2024 |
| 4.11 | Benzoic acid/Sodium benzoate | ILM 40 HPLC/2024 |
| 4.12 | Carbohydrates | ILM 22/2024 |
| 4.13 | Dietary fibre (fibres)-total, soluble and insoluble | AOAC 985.29  AOAC 991.43 |
| 4.14 | Energy value | Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) |
| 4.15 | Organoleptic testing | БДС 6279\*\*\* |
| 4.16 | Arsenic/ As | ILM75 ICP-OES/2024 |
| 4.17 | Mercury/Hg | ILM75 ICP-OES/2024 |
| 4.18 | Nickel/ Ni | ILM75 ICP-OES/2024 |
| 4.19 | Sodium/ Na | ILM 45ААS/2024 |
| ILM75 ICP-OES/2024 |
| 4.20 | Lead/ Pb | ILM75 ICP-OES/2024 |
| 4.21 | Cadmium/ Cd | ILM75 ICP-OES/2024 |
| 4.22 | Calcium/Ca | ILM 45ААS/2024 |
| ILM75 ICP-OES/2024 |
| 4.23 | Magnesium / Mg | ILM75 ICP-OES/2024 |
| 4.24 | Chromium/ Cr | ILM75 ICP-OES/2024 |
| 4.25 | Zinc/ Zn | ILM75 ICP-OES/2024 |
| 4.26 | Copper/ Cu | ILM75 ICP-OES/2024 |
| 4.27 | Potassium/K | ILM75 ICP-OES/2024 |
| 4.28 | Tin/Sn | ILM75 ICP-OES/2024 |
| 4.29 | Iron/Fe | ILM75 ICP-OES/2024 |
| 4.30 | Phosphorus/P | ILM75 ICP-OES/2024 |
| Microbiological testing | | |
| 4.31 | Total plate count | БДС EN ISO 4833-1/ A1  БДС EN ISO 4833-2/ A1 |
| 4.32 | Listeria monocytogenes  (Listeria monocytogenes)/Listeria spp. | БДС EN ISO 11290-1  БДС EN ISO 11290-2 |
| 4.33 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/ A1 |
| 4.34 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2  БДС EN ISO 21528-1 |
| 4.35 | Escherichia coli | БДС ISO 16649-1  БДС ISO 16649-2  БДС EN ISO 16649-3 cl. 9.1 |
| 4.36 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1 БДС EN ISO 6888-2  БДС EN ISO 6888-3+AC cl. 9.1 |
| 4.37 | Moulds and yeasts | БДС ISO 21527-1  БДС ISO 21527-2 |
| 4.38 | Coliforms | ISO 4832  ISO 4831 cl. 9.1 |
| 4.39 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 |
| 4.40 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 |
| 4.41 | Bacillus cereus | БДС EN ISO 7932 |
| 5. | Fruit, vegetables and products produced out of them, canned fruit, vegetables and mix of meat and vegetables (1).  Canned meat (2)  Prepared meals and dishes, sauces (3) | Physico- chemical tests | | |
| 5.1 | Titratable acidity | БДС 6996 (1) |
| 5.2 | Total ash | БДС 7646 (1)(2)(3) |
| 5.3 | Protein | БДС 14431 (1)(2)(3)  БДС 15438 (2) (3) |
| 5.4 | рН | БДС 11688 (1) (2) |
| 5.5 | Nitrates | БДС EN 12014-2 (1) |
| 5.6 | Chlorides | БДС 7168 cl. 4 (1)(2)(3) |
| 5.7 | Moisture/ dry matter | БДС 15437 (1) (2) (3) |
| 5.8 | Free fat | БДС 6997 (1) (2) (3) |
| 5.9 | Fat | БДС 8549, cl. 4 (2)(3) |
| 5.10 | Sugars (total) | БДС 7169 (1) |
| 5.11 | Sugars/lactose, glucose, sucrose,  fructose | ILM 33 HPLC/2024 (1)(2)(3) |
| 5.12 | Soluble substances/Dry soluble residue | БДС 17257 (1) |
| 5.13 | Patulin | БДС EN 14177 (1) |
| 5.14 | Saturated/ Unsaturated fatty acids | ILM 63 GC FID/2024(1)(2) |
| 5.15 | Trans fatty acid isomers | ILM 63 GC FID/2024 (1)(2) |
| 5.16 | Sorbic acid/Potassium sorbate | ILM 40 HPLC/2024 (1)(2) |
| 5.17 | Benzoic acid/Sodium benzoate | ILM 40 HPLC/2024 (1)(2) |
| 5.18 | Carbohydrates | ILM 22/2024 (1)(2)(3) |
| 5.19 | Dietary fibre(fibres)-total, soluble and insoluble | AOAC 985.29 (1)(2)(3)  AOAC 991.43 (1)(2)(3) |
| 5.20 | Energy value | Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) (1)(2)(3) |
| 5.21 | Organoleptic testing | БДС 1035 (1) (2) |
| 5.22 | Water activity | БДС ISO 18787 (1)(2)(3) |
| 5.23 | Hydroxymethylfurfural (HMF) | ILM 69 HPLC/2024(1) |
| 5.24 | Total sulphur dioxide | БДС 11709 cl. 1.2 (1) |
| 5.25 | Arsenic/ As | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5/26 | Mercury/Hg | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5/27 | Nickel/ Ni | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.28 | Sodium/ Na | ILM45 ААS/2024 (1)(2)(3)(4) |
| ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.29 | Lead/ Pb | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.30 | Cadmium/ Cd | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.31 | Calcium/Ca | ILM45 ААS/2024 (1)(2)(3)(4) |
| ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.32 | Magnesium / Mg | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.33 | Chromium/ Cr | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.34 | Zinc/ Zn | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.35 | Copper/ Cu | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.36 | Potassium/K | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.37 | Antimony/Sb | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.38 | Selenium/Se | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.39 | Tin/Sn | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.40 | Manganese/Mn | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.41 | Iron/Fe | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.42 | Phosphorus/P | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.43 | Aluminium/Al | ILM75 ICP-OES/2024 (1)(2)(3) |
| 5.44 | Starches | Regulation (EU) № 118 Annex I (2) |
| Microbiological testing | | |
| 5.45 | Total plate count | БДС EN ISO 4833-1/A1 (1)(2)(3)  БДС EN ISO 4833-2/ A1 (1)(2)(3)  БДС 6916 (1)  БДС 1035 (2) |
| 5.46 | Listeria monocytogenes  (Listeria monocytogenes)/Listeria spp | БДС EN ISO 11290-1 (1) (2) (3)  БДС EN ISO 11290-2 (1) (2) (3) |
| 5.47 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1 (1)(2)(3) |
| 5.48 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2 (1) (2) (3)  БДС EN ISO 21528-1 (1) (2) (3) |
| 5.49 | Escherichia coli | БДС ISO 16649-1 (1)(2)(3)  БДС ISO 16649-2 (1)(2)(3)  БДС EN ISO 16649-3т.9.1 (1)(2)(3) |
| 5.50 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1 (1) (2) (3)  БДС EN ISO 6888-2 (1) (2) (3)  БДС EN ISO 6888-3 + AC cl. 9.1 (1)(2)(3) |
| 5.51 | Moulds and yeasts | БДС ISO 21527-1 (1)(2)(3)  БДС ISO 21527-2 (1)(2)(3)  БДС 1035 (2)  БДС 6916 (1) |
| 5.52 | Coliforms | ISO 4832 (1)(2)(3)  ISO 4831 cl. 9.1 (1)(2)(3) |
| 5.53 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 (1)(2)(3) |
| 5.54 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 (1)(2)(3) |
| 5.55 | Bacillus cereus | БДС EN ISO 7932 (1)(3) |
| 5.56 | Mesophilic anaerobic microorganisms | БДС 1035 (2)  БДС 6916 (1) |
| 5.57 | Thermophilic aerobes and facultative anaerobes | БДС 1035 (2)  БДС 6916 (1) |
| 5.58 | Thermophilic anaerobic microorganisms | БДС 1035 (2)  БДС 6916 (1) |
| 6. | Cereals- wheat, legumes and products produced out of them (1)  Fodder/Animal feed (2) | Physico- chemical tests | | |
| 6.1 | Moisture/ dry matter | БДС EN ISO 712-1 (1)  БДС ISO 6496 (2) |
| 6.2 | Protein/Crude protein | БДС 13490 (1)  БДС EN ISO 5983-1 (2) |
| 6.3 | Crude fat/Fat | БДС 11374 (1) (2) |
| 6.4 | Total ash / Crude ash | БДС EN ISO 2171 (1)  БДС 11374 (2) |
| 6.5 | Ash, insoluble in 10% hydrochloric acid | БДС 754 cl. 7.4 (1) |
| 6.6 | Acidity | БДС 754, cl. 7.9(1)  БДС 11374 (2) |
| 6.7 | Chlorides | БДС 11374 (1) (2) |
| 6.8 | Crude fibres | БДС 11374 (1) (2) |
| 6.9 | Sugars/lactose, glucose, sucrose, fructose | ILM 33 HPLC/2024 (1)(2) |
| 6.10 | Wet gluten | БДС EN ISO 21415-1 (1) |
| 6.11 | Allocation of gluten | БДС 754 cl. 7.6 (1) |
| 6.12 | Aflatoxin В1  and the sum of aflatoxins В1, В2, G1 and G2 | БДС EN ISO 16050 (1)(2) |
| 6.13 | Ochratoxin A | ILM 76 HPLC/2024 (1)(2) |
| 6.14 | Zearalenone | БДС EN 15792 (1) (2) |
| 6.15 | Deoxynivalenol | БДС EN 15791 (1) (2) |
| 6.16 | Saturated/ Unsaturated fatty acids | ILM 63 GC FID/2024 (1)(2) |
| 6.17 | Trans fatty acid isomers | ILM 63 GC FID/2024 (1)(2) |
| 6.18 | Sorbic acid/Potassium sorbate | ILM 40 HPLC/2024 (1)(2) |
| 6.19 | Benzoic acid/Sodium benzoate | ILM 40 HPLC/2024 (1)(2) |
| 6.20 | Carbohydrates | ILM 22/2024(1)(2) |
| 6.21 | Dietary fibre (fibres)-total, soluble and insoluble | AOAC 985.29 (1)(2)  AOAC 991.43 (1)(2) |
| 6.22 | Energy value | Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) (1) (2) |
| 6.23 | Water activity | БДС ISO 18787 (1) (2) |
| 6.24 | Phosphorus | ILM75 ICP-OES/2024 (1)(2) |
| 6.25 | Arsenic/ As | ILM75 ICP-OES/2024 (1)(2) |
| 6.26 | Mercury/Hg | ILM75 ICP-OES/2024 (1)(2) |
| 6.27 | Nickel/ Ni | ILM75 ICP-OES/2024 (1)(2) |
| 6.28 | Sodium/ Na | ILM45 AAS/2024 (1)(2) |
| ILM75 ICP-OES/2024 (1)(2) |
| 6.29 | Lead/ Pb | ILM75 ICP-OES/2024 (1)(2) |
| 6.30 | Cadmium/ Cd | ILM75 ICP-OES/2024 (1)(2) |
| 6.31 | Calcium/Ca | ILM45 AAS/2024 (1)(2) |
| ILM75 ICP-OES/2024 (1)(2) |
| 6.32 | Magnesium / Mg | ILM75 ICP-OES/2024 (1)(2) |
| 6.33 | Chromium/ Cr | ILM75 ICP-OES/2024 (1)(2) |
| 6.34 | Zinc/ Zn | ILM75 ICP-OES/2024 (1)(2) |
| 6.35 | Copper/ Cu | ILM75 ICP-OES/2024 (1)(2) |
| 6.36 | Potassium/K | ILM75 ICP-OES/2024 (1)(2) |
| 6.37 | Tin/Sn | ILM75 ICP-OES/2024 (1)(2) |
| 6.38 | Iron/Fe | ILM75 ICP-OES/2024 (1)(2) |
| Microbiological testing | | |
| 6.39 | Total plate count | БДС EN ISO 4833-1/A1(1)(2)  БДС EN ISO 4833-2/A1(1)(2) |
| 6.40 | Listeria monocytogenes  (Listeria monocytogenes)/Listeria spp | БДС EN ISO 11290-1 (1)(2)  БДС EN ISO 11290-2 (1)(2) |
| 6.41 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1(1)(2) |
| 6.42 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2 (1)(2)  БДС EN ISO 21528-1 (1)(2) |
| 6.43 | Escherichia coli | БДС ISO 16649-1 (1)(2)  БДС ISO 16649-2 (1)(2)  БДС EN ISO 16649-3 cl. 9.1 (1)(2) |
| 6.44 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1 (1)(2)  БДС EN ISO 6888-2 (1)(2)  БДС EN ISO 6888-3+АС cl. 9.1 (1)(2) |
| 6.45 | Moulds and yeasts | БДС ISO 21527-1 (1)(2)  БДС ISO 21527-2 (1)(2) |
| 6.46 | Coliforms | ISO 4832 (1)(2)  ISO 4831 cl. 9.1 (1)(2) |
| 6.47 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 (1)(2) |
| 6.48 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 (1)(2) |
| 6.49 | Bacillus cereus | БДС EN ISO 7932 (1)(2) |
| 6.50 | (Bacillus subtilis/  mesentericus) | БДС 15090\*\*\*(1) |
| 7. | Bread and bread products | Physico- chemical tests | | |
| 7.1 | Protein | БДС 3412 |
| 7.2 | Moisture/ dry matter | БДС 3412 |
| 7.3 | Fat | БДС 3412 cl. 3.7.4 |
| 7.4 | Total ash | БДС EN ISO 2171 |
| 7.5 | Acidity | БДС 3412 |
| 7.6 | Cooking salt | БДС 3412 |
| 7.7 | Saturated/ Unsaturated fatty acids | ILM 63 GC FID/2024 |
| 7.8 | Trans fatty acid isomers | ILM 63 GC FID/2024 |
| 7.9 | Sugars/lactose, glucose, sucrose,  fructose | ILM 33 HPLC/2024 |
| 7.10 | Sorbic acid/Potassium sorbate | ILM 40 HPLC/2024 |
| 7.11 | Benzoic acid/Sodium benzoate | ILM 40 HPLC/2024 |
| 7.12 | Carbohydrates | ILM 22/2024 |
| 7.13 | Dietary fibre (fibres)-total, soluble and insoluble | AOAC 985.29  AOAC 991.43 |
| 7.14 | Energy value | Regulation (EU) № 1169 Annex XIV (Calculation using conversion factors) |
| 7.15 | Organoleptic testing | БДС 3412 |
| 7.16 | Crumb moisture | БДС 3412 |
| 7.17 | Aflatoxin В1  and the sum of aflatoxins В1, В2, G1 and G2 | ILM 76 HPLC/2024 |
| 7.18 | Ochratoxin A | ILM 76 HPLC/2024 |
| 7.19 | Zearalenone | ILM 76 HPLC/2024 |
| 7.20 | Deoxynivalenol | ILM 76 HPLC/2024 |
| 7.21 | Arsenic/ As | ILM 75 ICP-OES/2024 |
| 7.22 | Mercury/Hg | ILM 75 ICP-OES/2024 |
| 7.23 | Nickel/ Ni | ILM 75 ICP-OES/2024 |
| 7.24 | Sodium/ Na | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 7.25 | Lead/ Pb | ILM 75 ICP-OES/2024 |
| 7.26 | Cadmium/ Cd | ILM 75 ICP-OES/2024 |
| 7.27 | Calcium/Ca | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 7.28 | Magnesium / Mg | ILM 75 ICP-OES/2024 |
| 7.29 | Chromium/ Cr | ILM 75 ICP-OES/2024 |
| 7.30 | Zinc/ Zn | ILM 75 ICP-OES/2024 |
| 7.31 | Copper/ Cu | ILM 75 ICP-OES/2024 |
| 7.32 | Potassium/K | ILM 75 ICP-OES/2024 |
| 7.33 | Tin/Sn | ILM 75 ICP-OES/2024 |
| 7.34 | Iron/Fe | ILM 75 ICP-OES/2024 |
| Microbiological testing | | |
| 7.35 | Total plate count | БДС EN ISO 4833-1/ A1  БДС EN ISO 4833-2/ A1 |
| 7.36 | Listeria monocytogenes  (Listeria monocytogenes)/Listeria spp | БДС EN ISO 11290-1  БДС EN ISO 11290-2 |
| 7.37 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/ A1 |
| 7.38 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2  БДС EN ISO 21528-1 |
| 7.39 | Escherichia coli | БДС ISO 16649-1  БДС ISO 16649-2  БДС EN ISO 16649-3 cl. 9.1 |
| 7.40 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1  БДС EN ISO 6888-2  БДС EN ISO 6888-3+AC cl. 9.1 |
| 7.41 | Moulds and yeasts | БДС ISO 21527-1  БДС ISO 21527-2 |
| 7.42 | Coliforms | ISO 4832  ISO 4831, cl. 9.1 |
| 7.43 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 |
| 7.44 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 |
| 7.45 | Bacillus cereus | БДС EN ISO 7932 |
| 7.46 | (Bacillus subtilis/  mesentericus) | БДС 16939\*\*\* |
| 8. | Contact surfaces | Microbiological testing | | |
| 8.1 | Total plate count | БДС EN ISO 18593 БДС EN ISO 4833-2/ A1 |
| 8.2 | Moulds and yeasts | БДС EN ISO 18593  БДС ISO 21527-1 |
| 8.3 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/ A1 |
| 8.4 | Listeria monocytogenes  (Listeria monocytogenes)/Listeria spp | БДС EN ISO 11290-1 |
| 8.5 | Escherichia coli | БДС EN ISO 16649-3 cl. 9.1 |
| 8.6 | Coliforms | ISO 4831 cl. 9.1 |
| 8.7 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-3+AC cl. 9.1 |
| 8.8 | Enterobacteriaceae | БДС EN ISO 21528-1 |
| 9. | Spices and herbs | Physico- chemical tests | | |
| 9.1 | Extractable coloring substances using the ASTA method | БДС EN ISO 7541 |
| 9.2 | Total ash | БДС ISO 928 |
| 9.3 | Acid insoluble ash | БДС ISO 930 |
| 9.4 | Aflatoxin В1  and the sum of aflatoxins В1, В2, G1 and G2 | БДС EN 14123 |
| 9.5 | Ochratoxin A | ILM 76 HPLC/2024 |
| 9.6 | Capsaicinoid | ISO 7543-2 |
| 9.7 | Moisture/ dry matter | БДС ISO 939 |
| 9.8 | Arsenic/ As | ILM 75 ICP-OES/2024 |
| 9.9 | Mercury/Hg | ILM 75 ICP-OES/2024 |
| 9.10 | Nickel/ Ni | ILM 75 ICP-OES/2024 |
| 9.11 | Sodium/ Na | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 9.12 | Lead/ Pb | ILM 75 ICP-OES/2024 |
| 9.13 | Cadmium/ Cd | ILM 75 ICP-OES/2024 |
| 9.14 | Calcium/Ca | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 9.15 | Magnesium / Mg | ILM 75 ICP-OES/2024 |
| 9.16 | Chromium/ Cr | ILM 75 ICP-OES/2024 |
| 9.17 | Zinc/ Zn | ILM 75 ICP-OES/2024 |
| 9.18 | Copper/ Cu | ILM 75 ICP-OES/2024 |
| 9.19 | Potassium/K | ILM 75 ICP-OES/2024 |
| 9.20 | Tin/Sn | ILM 75 ICP-OES/2024 |
| 9.21 | Iron/Fe | ILM 75 ICP-OES/2024 |
| 9.22 | Phosphorus/P | ILM 75 ICP-OES/2024 |
| 9.23 | Volatile (essential) oils  (hydro distillation method) | БДС EN ISO 6571 |
| Microbiological testing | | |
| 9.24 | Total plate count | БДС EN ISO 4833-1/A1  БДС EN ISO 4833-2/A1 |
| 9.25 | Listeria monocytogenes  (Listeria monocytogenes)/Listeria spp. | БДС EN ISO 11290-1  БДС EN ISO 11290-2 |
| 9.26 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1 |
| 9.27 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2  БДС EN ISO 21528-1 |
| 9.28 | Escherichia coli | БДС ISO 16649-1  БДС ISO 16649-2  БДС EN ISO 16649-3 cl. 9.1 |
| 9.29 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1  БДС EN ISO 6888-2  БДС EN ISO 6888-3+AC cl. 9.1 |
| 9.30 | Moulds and yeasts | БДС ISO 21527-1  БДС ISO 21527-2 |
| 9.31 | Coliforms | ISO 4832  ISO 4831, cl. 9.1 |
| 9.32 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 |
| 9.33 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 |
| 9.34 | Bacillus cereus | БДС EN ISO 7932 |
| 10. | Cosmetic products.(1)  Surfactants, detergents and soaps(2) | Physico- chemical tests | | |
| 10.1 | Organoleptic testing | БДС 9200 (1)  БДС 3741 (1)  БДС 10751 (1)  BS-I-01 Part 1 (1)  BS-I-02 Part 1 (1)  BS-I-03 Part 1 (1)  BS-I-04 Part 1 (1)  BS-I-05 Part 1 (1)  BS-I-06 Part 1 (1)  БДС 1549\*\*\*(2) |
| 10.2 | Moisture and volatile substances | БДС 3741 (1)  БДС ISO 672 (2) |
| 10.3 | рН | БДС 3741 (1)  BS-II-02 (1)  БДС EN 1262 (2) |
| 10.4 | Emulsion stability | БДС 3741 (1) |
| 10.5 | Thermal stability | БДС 3741 (1)  BS-I-03 Part 1 (1)  BS-I-01 Part 2 (1) |
| 10.6 | Water activity | ILM 1 Novasina/2024 (1) |
| 10.7 | Relative density | БДС ISO 279 (1) |
| 10.8 | Refractive index | БДС ISO 280 (1) |
| 10.9 | Hydrogen peroxide | ILM 72/2024 (1) |
| 10.10 | Cation-active substance | БДС EN ISO 2871-1 (1)(2)  БДС EN ISO 2871-2 (1)(2) |
| 10.11 | Anionic surfactants | БДС 10751 cl. 4.6.2.1 (1)(2) |
| 10.12 | Total surfactants content | БДС 9025 (1) (2) |
| 10.13 | Total fatty agents content | БДС ISO 685 (2) |
| 10.14 | Arsenic/ As | ILM 75 ICP-OES/ 2024(1)(2) |
| 10.15 | Mercury/Hg | ILM 75 ICP-OES/ 2024(1)(2) |
| 10.16 | Lead/ Pb | ILM 75 ICP-OES/ 2024(1)(2) |
| 10.17 | Cadmium/ Cd | ILM 75 ICP-OES/ 2024(1)(2) |
| 10.18 | Calcium/Ca | ILM 45 AAS/ 2024 (1) |
| ILM 75 ICP-OES/2024(1) |
| 10.19 | Magnesium / Mg | ILM 75 ICP-OES/2024(1) |
| 10.20 | Zinc/ Zn | ILM 75 ICP-OES/2024(1) |
| 10.21 | Antimony/Sb | ILM 75 ICP-OES/2024(1)(2) |
| 10.22 | Selenium/Se | ILM 75 ICP-OES/2024(1)(2) |
| 10.23 | Ethanol | ILM 38 GC FID/2024(1)(2) |
| 10.24 | Methanol | ILM 38 GC FID/2024(1)(2) |
| 10.25 | Essential oil | BS-II-02 (1) |
| 10.26 | Ethanol-insoluble matter | БДС ISO 673 (2) |
| 10.27 | Water-insoluble matter | БДС 1549 \*\*\*(2) |
| 10.28 | Free caustic alkali | БДС ISO 684 (2) |
| 10.29 | Total alkali | БДС ISO 685 (2) |
| 10.30 | Chlorides | БДС ISO 457 (2) |
| 10.31 | Free fatty acids | БДС 1549\*\*\* (2) |
| 10.32 | Fatty acids | БДС 1549\*\*\* (2) |
| Microbiological testing | | |
| 10.33 | Total number of aerobic mesophilic microorganisms  (bacteria, moulds and yeasts) | БДС EN ISO 21149 (1)(2)  БДС ЕN ISO 16212 (1) (2) |
| 10.34 | Total number of aerobic mesophilic microorganisms | БДС EN ISO 21149 (1)(2) |
| 10.35 | Moulds and yeasts | БДС ЕN ISO 16212 (1) (2) |
| 10.36 | Escherichia coli | БДС EN ISO 21150 (1)(2) |
| 10.37 | Pseudomonas aeruginosa  (Pseudomonas aeruginosa) | БДС EN ISO 22717 (1)(2) |
| 10.38 | Staphylococcus aureus  (Staphylococcus aureus) | БДС EN ISO 22718 (1)(2) |
| 10.39 | Candida albicans | БДС EN ISO 18416 (1)(2) |
| 10.40 | Efficiency of a preserving system of a cosmetic product | БДС EN ISO 11930 (1)(2) |
| 11. | Essential oils | Physico- chemical tests | | |
| 11.1 | Relative density | БДС ISO 279 |
| 11.2 | Refractive index | БДС ISO 280 |
| 11.3 | Chromatographic profiles\*\* | БДС ISO 11024-1  БДС ISO 11024-2 |
| 11.4 | Organoleptic testing | БДС 9200 |
| 11.5 | Arsenic/ As | ILM 75 ICP-OES/2024 |
| 11.6 | Mercury/Hg | ILM 75 ICP-OES/2024 |
| 11.7 | Lead/ Pb | ILM 75 ICP-OES/2024 |
| 11.8 | Cadmium/ Cd | ILM 75 ICP-OES/2024 |
| 11.9 | Antimony/Sb | ILM 75 ICP-OES/2024 |
| 11.10 | Selenium/Se | ILM 75 ICP-OES/2024 |
| 12. | Vegetable and animal  oils and fat | Physico- chemical tests | | |
| 12.1 | Moisture and volatile substances | БДС EN ISO 662 |
| 12.2 | Acid value/ Acidity/ Free fatty acids | БДС EN ISO 660 |
| 12.3 | Peroxide value | БДС EN ISO 3960 |
| 12.4 | Relative density | БДС ISO 279 |
| 12.5 | Fatty acid composition/  Saturated/ Unsaturated fatty acids | БДС EN ISO 12966-4 |
| 12.6 | Trans fatty acid isomers | БДС EN ISO 12966-4 |
| 12.7 | Arsenic/ As | ILM 75 ICP-OES/2024 |
| 12.8 | Mercury/Hg | ILM 75 ICP-OES/2024 |
| 12.9 | Nickel/ Ni | ILM 75 ICP-OES/2024 |
| 12.10 | Sodium/ Na | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 12.11 | Lead/ Pb | ILM 75 ICP-OES/2024 |
| 12.12 | Cadmium/ Cd | ILM 75 ICP-OES/2024 |
| 12.13 | Calcium/Ca | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 12.14 | Magnesium / Mg | ILM 75 ICP-OES/2024 |
| 12.15 | Chromium/ Cr | ILM 75 ICP-OES/2024 |
| 12.16 | Zinc/ Zn | ILM 75 ICP-OES/2024 |
| 12.17 | Copper/ Cu | ILM 75 ICP-OES/2024 |
| 12.18 | Potassium/K | ILM 75 ICP-OES/2024 |
| 12.19 | Tin/Sn | ILM 75 ICP-OES/2024 |
| 12.20 | Iron/Fe | ILM 75 ICP-OES/2024 |
| 12.21 | Phosphorus/P | ILM 75 ICP-OES/2024 |
| 12.22 | Unsaponifiable matter | БДС EN ISO 3596 |
| 12.23 | Saponification value | БДС EN ISO 3657 |
| 12.24 | Iodine value | БДС EN ISO 3961 |
| 12.25 | Refractive index | БДС EN ISO 6320 |
| 12.26 | Insoluble impurities | БДС EN ISO 663 |
| 12.27 | Ash | БДС ISO 6884 |
| Microbiological testing | | |
| 12.28 | Total plate count | БДС EN ISO 4833-1/A1  БДС EN ISO 4833-2/A1 |
| 12.29 | Listeria monocytogenes  (Listeria monocytogenes)/  Listeria spp. | БДС EN ISO 11290-1  БДС EN ISO 11290-2 |
| 12.30 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1 |
| 12.31 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2  БДС EN ISO 21528-1 |
| 12.32 | Escherichia coli | БДС ISO 16649-1  БДС ISO 16649-2  БДС EN ISO 16649-3 cl. 9.1 |
| 12.33 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1  БДС EN ISO 6888-2  БДС EN ISO 6888-3+AC cl. 9.1 |
| 12.34 | Moulds and yeasts | БДС ISO 21527-1  БДС ISO 21527-2 |
| 12.35 | Coliforms | ISO 4832, ISO 4831, cl. 9.1 |
| 12.36 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 |
| 12.37 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 |
| 12.38 | Bacillus cereus | БДС EN ISO 7932 |
| 13. | Oil-bearing seeds, nuts and products, produced out of them | Physico- chemical tests | | |
| 13.1 | Alfphatoxin В1 and sum of alphatoxins В1,В2, G1 and G2 | БДС EN 14123  БДС EN ISO 16050 |
| 13.2 | Fat | БДС 12896  БДС EN ISO 659 |
| 13.3 | Moisture/ dry matter | БДС EN ISO 665 |
| 13.4 | Fatty acid composition / Saturated/fatty acid/ Unsaturated fatty acids | ILM 63 GC FID/2024 |
| 13.5 | Trans fatty acid isomers | ILM 63 GC FID/2024 |
| 13.6 | Crude protein | ILM 71 Kjeldahl/2024 |
| 13.7 | Arsenic/ As | ILM 75 ICP-OES/2024 |
| 13.8 | Mercury/Hg | ILM 75 ICP-OES/2024 |
| 13.9 | Nickel/ Ni | ILM 75 ICP-OES/2024 |
| 13.10 | Sodium/ Na | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 13.11 | Lead/ Pb | ILM 75 ICP-OES/2024 |
| 13.12 | Cadmium/ Cd | ILM 75 ICP-OES/2024 |
| 13.13 | Calcium/Ca | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 13.14 | Magnesium / Mg | ILM 75 ICP-OES/2024 |
| 13.15 | Chromium/ Cr | ILM 75 ICP-OES/2024 |
| 13.16 | Zinc/ Zn | ILM 75 ICP-OES/2024 |
| 13.17 | Copper/ Cu | ILM 75 ICP-OES/2024 |
| 13.18 | Potassium/K | ILM 75 ICP-OES/2024 |
| 13.19 | Tin/Sn | ILM 75 ICP-OES/2024 |
| 13.20 | Iron/Fe | ILM 75 ICP-OES/2024 |
| 13.21 | Phosphorus/P | ILM 75 ICP-OES/2024 |
| 13.22 | Crude fibres | БДС EN ISO 6865 |
| 13.23 | Ochratoxin A | ILM 76 HPLC/2024 |
| 13.24 | Acid value/ Acidity | БДС ISO 729 |
| 13.25 | Total ash | БДС ISO 749 |
| 13.26 | Carbohydrates | ILM 22/2024 |
| 13.27 | Energy value | Regulation (EU)№ 1169  Annex XIV (Calculation using conversion factors) |
| Microbiological testing | | |
| 13.28 | Total plate count | БДС EN ISO 4833-1/A1  БДС EN ISO 4833-2/A1 |
| 13.29 | Listeria monocytogenes  (Listeria monocytogenes)/ Listeria spp. | БДС EN ISO 11290-1  БДС EN ISO 11290-2 |
| 13.30 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1 |
| 13.31 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2  БДС EN ISO 21528-1 |
| 13.32 | Escherichia coli | БДС ISO 16649-1  БДС ISO 16649-2  БДС EN ISO 16649-3 cl. 9.1 |
| 13.33 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1  БДС EN ISO 6888-2  БДС EN ISO 6888-3+AC cl. 9.1 |
| 13.34 | Moulds and yeasts | БДС ISO 21527-1  БДС ISO 21527-2 |
| 13.35 | Coliforms | ISO 4832  ISO 4831 cl. 9.1 |
| 13.36 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 |
| 13.37 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 |
| 13.38 | Bacillus cereus | БДС EN ISO 7932 |
| 14. | Soft drinks | Physico- chemical tests | | |
| 14.1 | Acidity | БДС 3485 |
| 14.2 | Sugars | ILM 33 HPLC/2024 |
| 14.3 | Sorbic acid/Potassium sorbate | ILM 40 HPLC/2024 |
| 14.4 | Benzoic acid/Sodium benzoate | ILM 40 HPLC/2024 |
| 14.5 | Acesulfame K | БДС EN 12856 |
| 14.6 | Aspartame | БДС EN 12856 |
| 14.7 | Saccharine | БДС EN 12856 |
| 14.8 | Patulin | БДС EN 14177 |
| 14.9 | Dry matter | БДС 3485 |
| 14.10 | Energy value/Caloric content | БДС 3485 |
| 14.11 | Caffeine | БДС ISO 20481 |
| 14.12 | Organoleptic testing | БДС 3485 |
| 14.13 | Arsenic/ As | ILM 75 ICP-OES/2024 |
| 14.14 | Mercury/Hg | ILM 75 ICP-OES/2024 |
| 14.15 | Nickel/ Ni | ILM 75 ICP-OES/2024 |
| 14.16 | Sodium/ Na | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 14.17 | Lead/ Pb | ILM 75 ICP-OES/2024 |
| 14.18 | Cadmium/ Cd | ILM 75 ICP-OES/2024 |
| 14.19 | Calcium/Ca | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 14.20 | Magnesium / Mg | ILM 75 ICP-OES/2024 |
| 14.21 | Chromium/ Cr | ILM 75 ICP-OES/2024 |
| 14.22 | Zinc/ Zn | ILM 75 ICP-OES/2024 |
| 14.23 | Copper/ Cu | ILM 75 ICP-OES/2024 |
| 14.24 | Potassium/K | ILM 75 ICP-OES/2024 |
| 14.25 | Tin/Sn | ILM 75 ICP-OES/2024 |
| Microbiological testing | | |
| 14.26 | Total plate count | БДС EN ISO 4833-1/A1  БДС EN ISO 4833-2/A1  БДС 3485 |
| 14.27 | Coliforms | ISO 4832  ISO 4831 cl. 9.1  БДС 3485 |
| 14.28 | Moulds and yeasts | БДС ISO 21527-1  БДС 3485 |
| 15. | Food additives | Physico- chemical tests | | |
| 15.1 | Arsenic/ As | ILM 75 ICP-OES/2024 |
| 15.2 | Mercury/Hg | ILM 75 ICP-OES/2024 |
| 15.3 | Nickel/ Ni | ILM 75 ICP-OES/2024 |
| 15.4 | Sodium/ Na | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 15.5 | Lead/ Pb | ILM 75 ICP-OES/2024 |
| 15.6 | Cadmium/ Cd | ILM 75 ICP-OES/2024 |
| 15.7 | Calcium/Ca | ILM 45 AAS/2024 |
| ILM 75 ICP-OES/2024 |
| 15.8 | Magnesium / Mg | ILM 75 ICP-OES/2024 |
| 15.9 | Chromium/ Cr | ILM 75 ICP-OES/2024 |
| 15.10 | Zinc/ Zn | ILM 75 ICP-OES/2024 |
| 15.11 | Copper/ Cu | ILM 75 ICP-OES/2024 |
| 15.12 | Potassium/K | ILM 75 ICP-OES/2024 |
| 15.13 | Antimony/Sb | ILM 75 ICP-OES/2024 |
| 15.14 | Selenium/Se | ILM 75 ICP-OES/2024 |
| 15.15 | Tin/Sn | ILM 75 ICP-OES/2024 |
| 15.16 | Manganese/Mn | ILM 75 ICP-OES/2024 |
| 15.17 | Iron/Fe | ILM 75 ICP-OES/2024 |
| 15.18 | Phosphorus/P | ILM 75 ICP-OES/2024 |
| 15.19 | Aluminium/Al | ILM 75 ICP-OES/2024 |
| Microbiological testing | | |
| 15.20 | Total plate count | БДС EN ISO 4833-1/A1  БДС EN ISO 4833-2/A1 |
| 15.21 | Listeria monocytogenes  (Listeria monocytogenes)/ Listeria spp. | БДС EN ISO 11290-1  БДС EN ISO 11290-2 |
| 15.22 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1 |
| 15.23 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2  БДС EN ISO 21528-1 |
| 15.24 | Escherichia coli | БДС ISO 16649-1  БДС ISO 16649-2  БДС EN ISO 16649-3 cl. 9.1 |
| 15.25 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1  БДС EN ISO 6888-2  БДС EN ISO 6888-3+AC cl. 9.1 |
| 15.26 | Moulds and yeasts | БДС ISO 21527-1  БДС ISO 21527-2 |
| 15.27 | Coliforms | ISO 4832  ISO 4831 cl. 9.1 |
| 15.28 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 |
| 15.29 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 |
| 15.30 | Bacillus cereus | БДС EN ISO 7932 |
| 15.31 | Bifidobacteria | ISO 29981 |
| 16. | Honey (1)  Bee products (2) | Physico- chemical tests | | |
| 16.1 | Organoleptic testing | БДС 3050 (1) |
| 16.2 | Water content | БДС 3050 (1) |
| 16.3 | Reducing sugars | ILM 33 HPLC/2024(1) |
| 16.4 | Sucrose | ILM 33 HPLC/2024(1) |
| 16.5 | Water insoluble matter (impurities) | БДС 3050 (1) |
| 16.6 | Mineral substances /Ash | БДС 3050 (1) |
| 16.7 | Total (Free) acidity | ILM 73/2024 (1) |
| 16.8 | Diastase activity after Gote | БДС 3050 (1) |
| 16.9 | Diastase activity after Shade | ILM 73/2024 (1) |
| 16.10 | Hydroxymethylfurfural (HMF) | ILM 69HPLC/2024 (1) |
| 16.11 | Electrical conductivity | ILM 73/2024 (1) |
| 16.12 | pH | ILM 73/2024 (1) |
| 16.13 | Arsenic/ As | ILM 75 ICP-OES/ 2024(1)(2) |
| 16.14 | Mercury/Hg | ILM 75 ICP-OES/ 2024(1)(2) |
| 16.15 | Nickel/ Ni | ILM 75 ICP-OES/2024(1)(2) |
| 16.16 | Sodium/ Na | ILM 45 AAS/2024 (1)(2) |
| ILM 75 ICP-OES/2024(1)(2) |
| 16.17 | Lead/ Pb | ILM 75 ICP-OES/2024(1)(2) |
| 16.18 | Cadmium/ Cd | ILM 75 ICP-OES/2024(1)(2) |
| 16.19 | Calcium/Ca | ILM 45 AAS/2024 (1)(2) |
| ILM 75 ICP-OES/2024(1)(2) |
| 16.20 | Magnesium / Mg | ILM 75 ICP-OES/2024(1)(2) |
| 16.21 | Chromium/ Cr | ILM 75 ICP-OES/2024(1)(2) |
| 16.22 | Zinc/ Zn | ILM 75 ICP-OES/2024(1)(2) |
| 16.23 | Copper/ Cu | ILM 75 ICP-OES/2024(1)(2) |
| 16.24 | Potassium/K | ILM 75 ICP-OES/2024(1)(2) |
| 16.25 | Antimony/Sb | ILM 75 ICP-OES/2024(1)(2) |
| 16.26 | Selenium/Se | ILM 75 ICP-OES/2024(1)(2) |
| 16.27 | Tin/Sn | ILM 75 ICP-OES/2024(1)(2) |
| Microbiological testing | | |
| 16.28 | Total plate count | БДС EN ISO 4833-1/A1 (1)(2)  БДС EN ISO 4833-2/A1 (1)(2) |
| 16.29 | Listeria monocytogenes  (Listeria monocytogenes)/ Listeria spp. | БДС EN ISO 11290-1 (1)(2)  БДС EN ISO 11290-2 (1)(2) |
| 16.30 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1 (1)(2) |
| 16.31 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2 (1)(2)  БДС EN ISO 21528-1 (1)(2) |
| 16.32 | Escherichia coli | БДС ISO 16649-1 (1)(2)  БДС ISO 16649-2 (1)(2)  БДС EN ISO 16649-3 cl. 9.1 (1)(2) |
| 16.33 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1 (1)(2)  БДС EN ISO 6888-2 (1)(2)  БДС EN ISO 6888-3+AC cl. 9.1(1)(2) |
| 16.34 | Moulds and yeasts | БДС ISO 21527-1 (1)(2)  БДС ISO 21527-2 (1)(2) |
| 16.35 | Coliforms | ISO 4832 (1)(2)  ISO 4831 cl. 9.1 (1)(2) |
| 16.36 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 (1)(2) |
| 16.37 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1 (1)(2) |
| 16.38 | Bacillus cereus | БДС EN ISO 7932 (1)(2) |
| 17. | Cocoa beans (1), cocoa powder and products thereof (2) | Physico- chemical tests | | |
| 17.1 | Moisture/ dry matter | БДС 12547 (1)  БДС 8273, cl. 2.1 (2) |
| 17.2 | Fat | БДС 12547 (1)  БДС 8273, cl. 3.1 (2) |
| 17.3 | Total ash | БДС 8273 (2) |
| 17.4 | Free fatty acids | ILM 77/2024 (1) |
| Microbiological testing | | |
| 17.5 | Total plate count | БДС EN ISO 4833-1/A1 (1)(2)  БДС EN ISO 4833-2/A1 (1)(2) |
| 17.6 | Listeria monocytogenes  (Listeria monocytogenes)/Listeria spp. | БДС EN ISO 11290-1 (1)(2) |
| 17.7 | Salmonella (Salmonella spp.) | БДС EN ISO 6579-1/A1 (1)(2) |
| 17.8 | Enterobacteriaceae (Enterobacteriaceae) | БДС EN ISO 21528-2 (1)(2)  БДС EN ISO 21528-1 (1)(2) |
| 17.9 | Escherichia coli | БДС ISO 16649-1 (1)(2)  БДС ISO 16649-2 (1)(2)  БДС EN ISO 16649-3, cl. 9.1 (1)(2) |
| 17.10 | Coagulase-positive staphylococci  (Staphylococcus aureus) | БДС EN ISO 6888-1 (1)(2)  БДС EN ISO 6888-2 (1)(2)  БДС EN ISO 6888-3+АС cl. 9.1 (1)(2) |
| 17.11 | Moulds and yeasts | БДС ISO 21527-1 (1)(2)  БДС ISO 21527-2 (1)(2) |
| 17.12 | Coliforms | ISO 4832 (1)(2)  ISO 4831 cl. 9.1 (1)(2) |
| 17.13 | Clostridium perfringens  (Clostridium perfringens) | ISO 15213-2 (1)(2)  СД CEN ISO/TS 15213-3 (1)(2) |
| 17.14 | Sulfite-reducing Clostridium spp./Spores of sulfite-reducing Clostridium spp. | ISO 15213-1(1)(2) |
| 17/15 | Bacillus cereus | БДС EN ISO 7932 (1)(2) |

***Flexible scope:***

***-****\*Implementing a new version of standards/documents or standards/ documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by laboratory.*

*-\*\*Within the scope of its competence the laboratory is authorized to determine all characteristics (column 3) based on the test methods stated (column 4), belonging to the product group (column 2) after verification/validation, provision of CRM/RM and calibrated technical equipment. The laboratory keeps a detailed, dated list of the products and characteristics, belonging to the products and characteristics, falling within the scope of accreditation.*

\*\*\* *Reference to a repealed standard without replacement.*

**Flexible scope references:**

1. Regulation (EU) № 1169/2011 on the provision of food information to consumers.
2. Commission Regulation (EU) № 118/2010 of 09.02.2024 amending Regulation (EC) № 900/2008 laying down the methods of analysis and other technical provisions necessary for the application of the arrangements for imports of certain goods resulting from the processing of agricultural products

**Fixed scope references**

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| --- | --- | --- |
|  | ILM 1 Novasina/2024 | Water activity |
|  | ILM 2 UV-VIS/2024 | Nitrites in meat and meat products |
|  | ILM 3 UV-VIS/2024 | Nitrites in water |
|  | ILM 4 UV-VIS/2024 | Sulphates in water |
|  | ILM 5 UV-VIS/2024 | Ammonium ion in water |
|  | ILM 6 UV-VIS/2024 | Aluminium in water. |
|  | ILM 7 UV-VIS/2024 | Iron in water. |
|  | ILM 8 UV-VIS/2024 | Nitrates in water |
|  | ILM 9 UV-VIS/2024 | Chlorides in water |
|  | ILM 10 UV-VIS/2024 | Manganese in water |
|  | ILM 12 UV-VIS/2024 | Phosphates in water |
|  | ILM 22/2024 | Calculation of carbohydrates content in food |
|  | ILM 23 UV-VIS/2024 | Free chlorine residual in water |
|  | ILM 32 UV-VIS/2024 | Fluorides in water |
|  | ILM 33HPLC/2024 | Sugars/lactose, glucose, sucrose, fructoseHPLC method |
|  | ILM 34 UV-VIS/2024 | Total hardness of water |
|  | ILM 38 GC FID/2024 | GC FID Determination of ethanol and methanol method |
|  | ILM 40 HPLC/2024 | Benzoic acid and sorbic acid HPLC method |
|  | ILM 45 AAS/2024 | Elemental Composition AAS method. |
|  | ILM 63 GC FID/2024 | Food products cold fat extraction methodology (Bleich-Dauer), fatty acid composition and trans fatty acid isomers in food |
|  | ILM 69 HPLC/2024 | Determination of hydroxymethylfurfural HPLC method |
|  | ILM 71 Kjeldahl/2024 | Protein determination on the basis of the Kjeldahl method |
|  | ILM 72/2024 | Hydrogen peroxide determination in cosmetic products |
|  | ILM 73/2024 | Honey. Physico- chemical test methods |
|  | ILM 75 ICP-OES/2024 | Elemental Composition ICP- OES method |
|  | ILM 76 HPLC/2024 | HPLC Method for determination of mycotoxins in food |
|  | ILM 77/2024 | Free fatty acids |