

| <b>N<br/>P/P</b> | <b>Documents establishing rules<br/>and methods of research<br/>(tests) and measurements</b>                                     | <b>Name of the object</b>  | <b>OKPD 2 CODE</b> | <b>EAEU HS CODE</b>   | <b>Defined<br/>characteristic<br/>(Indicator)</b>   | <b>Detection range</b>                                      |
|------------------|--|--|--------------------|---|---|---|
| 1.1              | GOST ISO 16140;<br>Microbiological/bacteriological;<br>other methods of<br>microbiological<br>(bacteriological) research (tests) | Food products  | -                  | -   | Inclusiveness   | detected/not<br>detected                                    |
|                  |  |  |                    |   | Relative specificity  | 0 to 100 (%)  |
|                  |  |  |                    |   | Relative accuracy   | 0 to 100 (%)  |
|                  |  |  |                    |   | Relative sensitivity  | 0 to 100 (%)  |
|                  |  |  |                    |   | Relative detection<br>rate  | 1,0*10 <sup>n</sup> to<br>9,9*10 <sup>n</sup> (CFU/g)       |
| Exclusivity      | detected/not<br>detected   |  |                    |   |   |   |
| 1.2              | GOST 34111; Chemical tests,<br>physico-chemical tests;<br>titrimetric (volumetric)   | Fruit and vegetable juice products;  | 10.32              | 2009  | Mass fraction of<br>nitrogen  | Calculated<br>value: - 300 to<br>2000 (mg/dm <sup>3</sup> ) |
| 1.3              | GOST 34551; Chemical tests,<br>physico-chemical tests;<br>titrimetric (volumetric)   | Sugar products and biscuits; flour<br>confectionery, cakes and long-life<br>cakes;<br>Cocoa, chocolate and sugar<br>confectionery products | 10.72;10.82        | 1901;1902;1903000000;<br>1904;1905                                      | Protein mass<br>fraction  | 0.1 to 50 (%)   |
| 1.4              | GOST 34811; Chemical tests,<br>physico-chemical tests;<br>titrimetric (photometric)  | Processed and tinned fish,<br>crustaceans and molluscs ;   | 10.20              | 1602;160300;1604;1605;<br>0302;0303;0304;0305;0<br>306;0307             | Mass fraction of<br>water-soluble<br>phosphorus<br>compounds (in<br>terms of<br>phosphorus) | 0.8 to 20 (g/kg)  |
|                  |  |  |                    |   | Mass fraction of<br>total phosphorus  | 1 to 20 (g/kg)  |
|                  |  |  |                    |   | Mass fraction of<br>orthophosphate (in<br>terms of<br>phosphorus)                           | 0.5 to 20 (g/kg)  |
| 1.5              | GOST 34987, item 6; Chemical<br>tests, physico-chemical tests;<br>gas/gas-liquid chromatography                                  | Meat and other slaughter products,<br>including tinned meat; Meat food<br>products, including poultry meat ;                               | 10.11;10.13        | 0201;0202;0203;0204;0<br>20500;0206;0207;0208;<br>0209;0210;160100;1602 | Fatty acid<br>composition   | 0.1 to 100 (%)  |
| 1.6              | GOST R 54761, p.6;<br>Calculation method; calculation<br>method  | Milk and dairy products ;  | 10.51              | 0401;0402;0403;0404;0<br>405;0406                                       | Mass fraction of<br>skimmed milk<br>solids  | Estimated<br>indicator: - from<br>0.5 to 99.0 (%)           |

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| 1.7  | GOST R 59072;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) investigations<br>(tests)                | Pesticides and agrochemical products<br>other; Medicinal preparations and<br>materials used for medical purposes;<br>Medicinal preparations and materials<br>used for medical purposes | 20.20;21.20 | - | Bactericidal<br>activity against<br><i>Aspergillus<br/>brasiliensis</i> | presence/absence                           |
|      |  |  |             |   | Bactericidal<br>activity against<br><i>Bacillus cereus</i>              | presence/absence                           |
|      |  |  |             |   | Bactericidal<br>activity against<br><i>Candida albicans</i>             | presence/absence                           |
|      |  |  |             |   | Bactericidal<br>activity against<br><i>Escherichia coli</i>             | presence/absence<br>presence/absence       |
|      |  |  |             |   | Bactericidal<br>activity against<br><i>Pseudomonas<br/>aeruginosa</i>   | presence/absence                           |
|      |  |  |             |   | Bactericidal<br>activity against<br><i>Staphylococcus<br/>aureus</i>    | presence/absence                           |
| 1.8  | R 4.2.3676-20, item 3.2.3.1;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) investigations<br>(tests) | Medicinal preparations and materials<br>used for medical purposes ;<br>Pesticides and agrochemical products<br>other ;   | 20.20;21.20 | - | Bactericidal<br>activity  | presence/absence                           |
| 1.9  | R 4.2.3676-20, item 3.2.3.2;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) research (tests)          | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;   | 20.20;21.20 | - | Bactericidal<br>activity  | Calculated<br>indicator: - 0 to<br>100 (%) |
| 1.10 | R 4.2.3676-20, item 3.4.3.1;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) research (tests)          | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;   | 20.20;21.20 | - | Fungicidal activity   | presence/absence                           |
| 1.11 | R 4.2.3676-20, item 3.4.3.2;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological  | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;   | 20.20;21.20 | - | Fungicidal activity   | Estimate: - 0 to<br>100 (%)                |

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|      | (bacteriological) research (tests)   |   |                   |                           |                               |                                    |
| 1.12 | R 4.2.3676-20, item 3.6.13.1;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) research (tests)           | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;      | 20.20;21.20       | -                         | Sporocidal activity           | presence/absence                   |
| 1.13 | R 4.2.3676-20, item 3.6.13.2;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) investigation<br>(testing) | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;      | 20.20;21.20       | -                         | Sporocidal activity           | Estimate: - 0 to<br>100 (%)        |
| 1.14 | R 4.2.3676-20, item 3.2.6;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) investigation<br>(testing)    | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;      | 20.20;21.20       | -                         | Bactericidal<br>activity      | Estimate: - 0 to<br>99.99 (%)      |
| 1.15 | R 4.2.3676-20, item 3.4.7;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) research (tests)              | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;      | 20.20;21.20       | -                         | Fungicidal activity           | Estimate: - 0 to<br>99.99 (%)      |
| 1.16 | R 4.2.3676-20, item 3.6.17;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) research (tests)             | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;      | 20.20;21.20       | -                         | Sporocidal activity           | Estimate: - 0 to<br>100 (%)        |
| 1.17 | R 4.2.3676-20, item 3.9;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) investigations<br>(tests)       | Medicinal products and materials<br>used for medical purposes; Pesticides<br>and agrochemicals other ;      | 20.20;21.20       | -                         | Disinfection<br>efficiency    | Estimate: - 0 to<br>100 (%)        |
| 1.18 | R 4.2.3676-20, item 3.11;<br>Microbiological /<br>bacteriological; other methods<br>of microbiological<br>(bacteriological) investigations<br>(tests).     | Medicinal preparations and materials<br>used for medical purposes ;<br>Pesticides and agrochemicals other ; | 20.20;21.20       | -                         | Decontamination<br>efficiency | Estimated value:<br>- 0 to 100 (%) |
| 1.19 | GOST R 70145; Microscopy;  | Meat and other slaughter products,  | 10.11;10.12;10.13 | 160100; 1602; 0201; 0202; | Animal connective             | detected/not                       |

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|      | optical method  | including preserved meat ; Poultry meat and other slaughter products, including preserved meat ; Food meat products, including poultry meat ;                              |   | 0203; 0204;020500;0206; 0207; 0208; 0209; 0210   | tissue protein  | detected  |
| 1.20 | GOST 34989; Microscopy; optical method  | Meat and other slaughter products, including tinned meat ; Poultry meat and other slaughter products, including tinned meat ; Food meat products, including poultry meat ; | 10.11;10.12;10.13   | 160100; 1602; 0201; 0202; 0203; 0204;020500;0206; 0207; 0208; 0209; 02100204;020500;0206; 0207; 0208; 0209; 0210 | Animal connective tissue protein  | detected/not detected from Occasionally to Predominantly    |
|      |   |  |   |  | Identification of blood proteins  | detected/not detected from Occasionally to Predominantly    |
|      |   |  |   |  | Identification of plant ingredients of protein nature   | detected/not detected from Occasionally to Predominantly    |
|      |   |  |   |  | Identification of plant ingredients of carbohydrate nature  | detected/not detected from Occasionally to Predominantly    |
|      |   |  |   |  | Presence of poultry meat  | detected/not detected from Occasionally to Predominantly    |
|      |   |  |   |  | Evaluation of microstructure of animal tissue and organs: presence of muscle tissue, fat and connective tissue, epithelial tissue; by-products. | detected/not detected from Occasionally to Predominantly    |
| 1.21 | GOST R 70296; Molecular biological research; Polymerase chain reaction method (PCR) | Meat and other slaughter products, including tinned meat; Poultry meat and other slaughter products, including tinned meat; Meat food                                      | 10.11;10.12;10.13;10.20;10.31;10.32;10.41;10.42;10.39;10.51;10.52;10.61;10.62;10.71;10. | 160100;1602;160300;1604;1605;1701;1702;1703;1704;1801000000;1802000000;1803;1804000                              | Species-specific DNA of the domestic bovine (Bos taurus)  | detected/not detected from less than 0.1 (%) 0.1 to 1.0 (%) |

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|------|--|--|---|--|---|---|
|      |  | products, including poultry meat; Processed and tinned fish, crustaceans and molluscs; Processed and tinned potatoes; Fruit and vegetable juice products; Oils and fats; Margarine, vegetable-cream and vegetable-fat spreads, mixtures of melted vegetable-cream and vegetable-fat spreads, special purpose fats, milk fat substitutes, equivalents, improvers, cocoa butter substitutes; Fruit, vegetables and mushrooms processed and preserved, not included in other groupings; Milk and dairy products; Ice cream; Flour and cereal products; Starch and starch products; Bakery products; Flour confectionery, cakes and pastries of short shelf life; Dry goods and biscuits; Flour confectionery, cakes and pastries of long shelf life; Pasta, couscous and similar flour products; Sugar; Cocoa, chocolate and sugar confectionery products; Processed tea and coffee; Spices and spices; Prepared food products and meals; Baby food and dietetic products; Other food products not included in other groupings; | 72;10.73;10.81;10.82; 10.83;10.84;10.85;10.86;10.89 | 000;1805000000;1806  |   | from 1.0 to 10 (%)<br>over 10 (%)   |
|      |  |  |   |  | Species-specific DNA of chicken (Gallus gallus)                                 | detected/not detected from less than 0.1 (%)<br>0.1 to 1.0 (%)<br>from 1.0 to 10 (%)<br>over 10 (%)           |
|      |  |  |   |  | Species-specific DNA of the horse (Equus caballus)                              | detected/not detected from less than 0.1 (%)<br>0.1 to 1.0 (%)<br>from 1.0 to 10 (%)<br>over 10 (%)           |
|      |  |  |   |  | Specific DNA of pig (Sus scrofa)  | detected/not detected from less than 0.1 (%)<br>0.1 to 1.0 (%)<br>from 1.0 to 10 (%)<br>over 10 (%)           |
| 1.22 | MI 241.0078/RA.RU.311866/2023; Chemical tests, physico-chemical tests; titrimetric (volumetric)          | Meat and other slaughter products, including tinned meat ; Meat food products, including poultry meat  | 10.11;10.13   | 0201;0202;0203;0204;020500;0206;0207;0208; 0209;0210;160100;1602 | Mass fraction of nitrogen<br>Protein mass fraction                              | 0.9 to 15.2 (%)<br>6.0 to 95.0 (%)  |
| 1.23 | MI No. 241.0022/RA.RU.311866/2023; Molecular biological research; Polymerase chain reaction method (PCR) | Meat and other slaughter products, including tinned meat ; Meat food products, including poultry meat;   | 10.11;10.13   | 0201;0202;0203;0204;020500;0206;0207;0208; 0209;0210;160100;1602 | DNA of chickens (Gallus gallus)<br>Mass fraction of meat ingredient of chickens | detected/not detected<br>detected/not detected from less than 0.1 (%)<br>0.1 to 1.0 (%)<br>from 1.0 to 10 (%) |

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|      |  |  |                   |   |  | (%)<br>over 10 (%)   |
| 1.24 | MR №3.0002-23<br>Molecular biological research;<br>Polymerase chain reaction<br>method (PCR) | Meat food products, including<br>poultry meat; Meat and other<br>slaughter products, including tinned<br>meat;   | 10.11;10.13       | 0201;0202;0203;0204;0<br>20500;0206;0207;0208;<br>0209;0210;160100;1602 | DNA of turkey<br>(Meleagris<br>gallopavo)                | detected/not<br>detected   |
|      |  |  |                   |   | Mass fraction of<br>meat ingredient of<br>turkey         | Estimated value:<br>-<br>from less than<br>0.1 (%)<br>0.1 to 1.0 (%)<br>from 1.0 to 10<br>(%)<br>over 10 (%) |
| 1.25 | MR №1.0001-23<br>Molecular biological research;<br>Polymerase chain reaction<br>method (PCR) | Food products  | -                 | -   | Soy allergens  | detected/not<br>detected   |
| 1.26 | MR №1.0002-23<br>Molecular biological research;<br>Polymerase chain reaction<br>method (PCR) | Food products  | -                 | -   | Peanut allergens   | detected/not<br>detected   |
| 1.27 | MR №1.0003-23<br>Molecular biological research;<br>Polymerase chain reaction<br>method (PCR) | Food products  | -                 | -   | Allergens of the<br>cabbage family,<br>including mustard | detected/not<br>detected   |
| 1.28 | MR №1.0004-23<br>Molecular biological research;<br>Polymerase chain reaction<br>method (PCR) | Food products  | -                 | -   | Allergens of<br>gluten-containing<br>cereal plants       | detected/not<br>detected   |
| 1.29 | MR №1.0005-23<br>Molecular biological research;<br>Polymerase chain reaction<br>method (PCR) | Fruit juice products;<br>Vegetable juice products;   | -                 | -   | Ruminant milk<br>allergens                               | detected/not<br>detected   |
| 1.30 | MR №2.0001-23<br>Molecular biological research;<br>Polymerase chain reaction<br>method (PCR) | Cereals (except rice), leguminous<br>crops, seeds of oilseeds; Products of<br>flour-milling and baking industry;<br>Pasta, couscous and similar flour<br>products; | 01.11;10.61;10.73 | -   | Mass fraction of<br>common wheat<br>contaminant          | Estimated value:<br>- 1.0 to 25 (%)  |
| 1.31 | SOP M.5-01 to GOST 31719-<br>2012;<br>Molecular biological research;                         | Food products  | -                 | -   | Species-specific<br>DNA of ram (Ovis<br>aries)           | detected/not<br>detected   |

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|------|---|---------------|---|---|---|------------------------------------|
|      | Polymerase chain reaction method (PCR)  |               |   |   | Species-specific DNA of buffalo ( <i>Bubalus bubalis</i> )  | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of goose ( <i>Anser anser</i> )  | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of ruminants (Ruminant)  | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of turkey ( <i>Meleagris gallopavo</i> )                                     | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of goat ( <i>Capra hircus</i> ).   | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of rabbit ( <i>Oryctolagus cuniculus</i> ),                                  | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of chickens and turkey ( <i>Gallus gallus</i> / <i>Meleagris gallopavo</i> ) | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of the horse ( <i>Equus caballus</i> ),                                      | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of reindeer ( <i>Rangifer tarandus</i> ),                                    | detected/not detected              |
|      |   |               |   |   | Species-specific DNA of river (domestic) duck ( <i>Anas spp.</i> )                                | detected/not detected              |
| 1.32 | SOP M.5-02p/k<br>Molecular biological research;<br>Polymerase chain reaction method (PCR) | Food products | - | - | Relative content of species-specific DNA of <i>Bos spp.</i>                                       | Estimated value: - 0.012 to 50 (%) |
|      |   |               |   |   | Relative content of species-specific  | Estimated value: - 0.012 to 50 (%) |

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|  |  |  |  |  | DNA of ram ( <i>Ovis aries</i> )   |                                    |
|  |  |  |  |  | Relative content of species-specific DNA of buffalo ( <i>Bubalus bubalis</i> )       | Estimated value: - 0.012 to 50 (%) |
|  |  |  |  |  | Relative content of species-specific DNA of goose ( <i>Anser anser</i> ),            | Estimated value: - 0.012 to 50 (%) |
|  |  |  |  |  | Relative content of species-specific DNA of turkey ( <i>Meleagris gallopavo</i> )    | Estimated value: - 0.012 to 50 (%) |
|  |  |  |  |  | Relative content of species-specific DNA of goat ( <i>Capra hircus</i> ).            | Estimated value: - 0.012 to 50 (%) |
|  |  |  |  |  | Relative content of species-specific DNA of rabbit ( <i>Oryctolagus cuniculus</i> ), | Estimated value: - 0.012 to 50 (%) |
|  |  |  |  |  | Relative content Species-specific DNA content of chicken ( <i>Gallus gallus</i> )    | Estimated value: - 0.012 to 50 (%) |
|  |  |  |  |  | Relative content of species-specific DNA of the horse ( <i>Equus caballus</i> ),     | Estimated value: - 0.012 to 50 (%) |
|  |  |  |  |  | Relative content of species-specific DNA of the pig ( <i>Sus scrofa</i> );           | Estimated value: - 0.012 to 50 (%) |
|  |  |  |  |  | Relative content of species-specific DNA of reindeer                                 | Estimated value: - 0.012 to 50 (%) |

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|      |   |   |             |   | (Rangifer tarandus),  |  |
|      |   |   |             |   | Relative content of species-specific DNA of river (domestic) duck (Anas spp.) | Estimated value: - 0.012 to 50 (%)                 |
| 1.33 | SOP M.5-03 to GOST 34179-2017;<br>Molecular biological research;<br>Polymerase chain reaction method (PCR)                    | Meat food products, including poultry meat; Pharmaceutical substances;                                | 10.13;21.10 | 160100910;300290  | Species-specific DNA<br>Lactobacillus plantarum                               | detected/not detected                              |
|      |   |   |             |   | Species-specific DNA<br>Lactobacillus sake                                    | detected/not detected                              |
|      |   |   |             |   | Species-specific DNA<br>Pediococcus pentosaceus                               | detected/not detected                              |
|      |   |   |             |   | Species-specific DNA<br>Staphylococcus carnosus                               | detected/not detected                              |
| 1.34 | GOST R 70354; Calculation method  | Meat and other slaughter products, including tinned meat ; Meat food products, including poultry meat | 10.11;10.13 | 0201;0202;0203;0204;020500;0206;0207;0208;0209;0210;160100;1602 | Duration of the test period   | 1 to 35040 (h)                                     |
| 1.35 | GOST R 70354;<br>Microbiological / bacteriological; other methods of microbiological (bacteriological) investigations (tests) | Meat and other slaughter products, including tinned meat ; Meat food products, including poultry meat | 10.11;10.13 | 0201;0202;0203;0204;020500;0206;0207;0208;0209;0210;160100;1602 | Bacteria of the genus Brochothrix   | 1.0*10 <sup>n</sup> to 9.9*10 <sup>n</sup> (CFU/g) |