

Scope of accreditation of the testing laboratory (center)

Testing Reference-Laboratory of the State Budgetary Establishment
 «The National Center for Safety of Fishery and Aquaculture Products» (FSBE «NCSFAP»)

name of testing laboratory (center)

bl. 22A, Murmanskiy pr., Moscow, RF, 129075

place of activity

| No | Documents establishing rules and methods used to study (test) measurements | Name of object | OKPD2 code | EAEU TNVED code | Determinable characteristics (indicator) | Determination range |
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1. | GOST R 54518 | Food products, feedstuffs and food raw materials | 10.11.11 – 10.11.15 10.11.20 10.11.31 – 10.11.39 10.11.50 10.12.10 10.12.20 10.12.30 10.12.40 10.13.11 – 10.13.16 10.20.11 – 10.20.15 10.20.21 – | 0201 10 000 1 – 0205 00 800 0; 0206 10 100 1 – 0206 90 990 0; 0207 11 100 1 – 0207 06 990 9; 0210 11 110 0 – 0210 20 900 0; 0210 99 100 0 – 0210 99 850 0; 1601 00 100 0 – 1602 90 990 0 0302 11 100 0 – 0308 90 900 0 1604 11 000 0 – 1605 69 000 0 | Cocciostats: Clopidol Ronidazole Ternidazole Tinidazole Halofuginone hydrobromide Dinitrocarbanilide Diclazuril Toltrazuril Robenidine hydrochloride Decoquate Lasalocid sodium salt Monensin sodium salt Maduramicin ammonium Salinomycin sodium salt Narasin | 1,0 – 1000,0 mkg/kg |
| 2. | GOST 34137 | Food products and food raw materials | 10.20.26 10.20.31 – 10.20.34 10.32.11 – 10.32.25 10.39.11 – 10.39.25 | 2009 11 110 0 – 2009 90 980 0 | Cephalosporins: Cephacetrile Cephalexin Cephalonim Cephaperazon Cefquinome Cefapirin | 5 – 500 mkg/kg |

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| 3. | GOST 34136 | Food products and food raw materials | 01.49.21 10.51.11 – 10.51.56 10.52.10 | 0401 10 100 0 – 0406 90 990 0 2105 00 100 0 – 2105 00 990 0 | Macrolides: Erythromycin Tylosin | 1-320 mkg/kg (with exception of by-products 1-3200 mkg/kg (for by-products)) |
| 4. | GOST 34138 | Meat, meat products | 10.42.10 | 1517 10 100 0 – 1517 10 900 0 1517 90 910 0 – 1517 90 990 0 | Macrocylic lactones: Emamectin Doramectin | 0,5-250,0 mkg/kg |
| 5. | MUK 4.2.3262-15 | Food products and objects of the environment | 01.11. – 01.12 10.61. – 10.62 | 1001 11 000 0 – 1109 00 000 0 | Bacteria of Salmonella genera | Presence / absence |
| 6. | MUK 4.2.3261-15 | Food products and objects of the environment | 01.25.31 – 01.25.39 | 0801 21 000 0 – 0802 90 850 0 | Listeria monocytogenes | Presence / absence |
| | | | 10.72.11 – 10.72.19 | 1905 10 000 0 – 1905 90 900 0 | Quantity of aerobic mesophilic microorganisms | $10^2 - 4,9 \times 10^7$ CFU/ml |
| | | | 10.86.10 | 1602 10 001 0 1901 10 000 0 2005 10 001 0 2007 10 101 0 | CGB / coliforms | 0 - $4,9 \times 10^4$ CFU/ml |
| | | | 10.91.10 – 10.92.10 | 2301 10 000 0 – 2309 90 960 0 1214 10 000 0 | Eshcerichia coli | $10 - 4,9 \times 10^4$ CFU/ml |
| | | | 01.47.21 | 0407 21 000 0 – | Enterobacteria | $10 - 4,9 \times 10^7$ CFU/ml |
| | | | 10.89.12 | 0408 99 800 0 | Staphylococcus aureus | $10 - 4,9 \times 10^4$ CFU/ml |
| | | | | | Lactobacteria | $10 - 4,9 \times 10^9$ CFU/ml |
| | | | | | Yeasts and molds | $10 - 4,9 \times 10^4$ CFU/ml |
| | | B. cereus | $10 - 4,9 \times 10^4$ CFU/ml | | | |

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| 7. | GOST R 54755 | Food products | | | Bacteria of Pseudomonas aeruginosa genera | 0 - 3x10 ⁷ CFU/g Presence / absence |
| 8. | GOST 32010 | Food products | | | Bacteria of Shigella genera | Presence / absence |
| 9. | GOST 34106 | Food and raw materials from animal meat, fish, roe | | | DNA of target biological species of agricultural animals, poultry, fish, roe | Presence / absence |
| 10. | GOST R 53244 | Foodstuffs, feeds and plant samples taken from the environment | | | Quantification of GMO | 0,1 – 5,0 % |
| 11. | GOST 23268.10 | Drinking medicinal, medicinal-table and natural-table mineral waters | 11.07.11 11.07.19 36.00. | 2201 10 110 0 – 2201 90 000 0 | Mass concentration of ammonium ions | 0,05 – 4 mg/dm ³ |
| 12. | Instruction 072-0210 Methods of sanitary and microbiological control of mineral waters. Manual for use | Mineral waters, drinking artificially mineralized waters | | | Mesophilic aerobic and facultative anaerobic microorganisms | 0 - 3x10 ⁶ CFU/ml |
| | | | | | Coliforms | 0 - 3x10 ⁶ CFU/ml Presence / absence |
| | | | | | Bacteria of Pseudomonas aeruginosa genera | Presence / absence |
| | | | | | Bacteria of Salmonella genera | Presence / absence |

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| | | | | | Yeasts and molds | 0 - 1,5x10 ⁴ CFU/ml |
| 13. | GOST 33934 | Meat, including poultry meat, by-products, meat and meat containing products | 10.11.11 – 10.11.15 10.11.20 10.11.31 – 10.11.39 10.11.50 10.12.10 | 0201 10 000 1 – 0205 00 800 0; 0206 10 100 1 – 0206 90 990 0; 0207 11 100 1 – 0207 06 990 9; 0210 11 110 0 – | Mass fraction of Zn-bacitracin / bacitracin | 0,02 – 100 mg/kg |
| 14. | GOST 7702.2.1 p.7.1, p.7.3 | Poultry slaughtering products, semi-finished poultry meat products, finished poultry meat products, washoffs from the surface of environment production objects | 10.12.20 10.12.30 10.12.40 10.13.11 – 10.13.16 | 0210 20 900 0; 0210 99 100 0 – 0210 99 850 0; 1601 00 100 0 – 1602 90 990 0 | Mesophilic aerobic and facultative anaerobic microorganisms/QMAFAnM | 10 - 3x10 ⁷ CFU/g |
| 15. | GOST R 57480 | Poultry slaughtering products, semi-finished poultry meat products, finished poultry meat and eggs products, washoffs from the surface of environment production objects | | | Bacteria of Salmonella genera | Presence / absence |

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| 16. | MR 4.2.0019-11 p.8 | Slaughtering products of agricultural animals, poultry, as well as plant DNA | | | DNA of target biological species of agricultural animals, poultry, plants | Presence / absence |
| 17. | GOST R 53594 | Feedstuffs Animal organs and tissues | 10.13.16 10.20.41 10.39.30 10.41.41 10.61.40 10.62.20 10.91.10 10.92.10 10.81.20 11.02.20 11.05.20 10.11.11 – 10.11.15 10.11.20 10.11.31 – 10.11.39 10.11.50 10.12.10 10.12.20 10.12.30 10.12.40 10.13.11 – 10.13.16 | 2301 10 000 0 – 2309 90 960 0 1214 10 000 0 0201 10 000 1 – 0205 00 800 0; 0206 10 100 1 – 0206 90 990 0; 0207 11 100 1 – 0207 06 990 9; 0210 11 110 0 – 0210 20 900 0; 0210 99 100 0 – 0210 99 850 0; 1601 00 100 0 – 1602 90 990 0 | Diethylstilbestrol | 2,5 – 1562,5 mkg/kg 0,5 – 156,25 mkg/kg |
| 18. | GOST 34454 | Milk products | 10.51.11 – | 0401 10 100 0 – | Protein mass fraction | 0,1-100,0 % |
| 19. | GOST R 54667-2011 p. 6 | Milk and milk products | 10.51.56 | 0406 90 990 0 | Mass fraction of sugars (saccharose, lactose and total sugar) | 1,0-50,0 % |

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| 20. | GOST R 54667-2011 p. 7 | | | | Mass fraction of sugars (saccharose, lactose and total sugar) | 2,0-50,0 % |
| 21. | GOST R 54759-2011 p.7 | Milk products in a part of compound and milk containing products | | | Starch mass fraction | 1,0-10,0% |
| 22. | GOST ISO 6785 | Milk and milk products | | | Salmonella spp. | Presence / absence |
| 23. | GOST 33924 | Milk and milk products | | | Bifidobacteria | $10^2 - 3 \times 10^7$ CFU/g |
| 24. | GOST R 52305-2005 p. 6.3.5 | Raw sugar | 10.81.12 | 1701 99 100 1 – 1701 99 900 9 | Colority | 10-7000 opt.density unit. |
| 25. | GOST 34201 | White sugar and other types of sugar | | | Sulfur dioxide mass fraction | 1-20 mg/kg |
| 26. | GOST 5903-89 p.3, p.4 | Confectionery products and semiproducts | 10.72.11 – 10.72.19 | 1905 10 000 0 – 1905 90 900 0 | Mass fraction of reducing substances Mass fraction of total sugar Saccharose mass fraction | 5-80% |
| 27. | GOST 5899-85 p..5 | Confectionery products and semiproducts | | | Fat mass fraction | 2-60 % |
| 28. | GOST 31902-2012 p.8 | Confectionery products and semiproducts | | | Fat mass fraction | 2-60 % |
| 29. | MUK 4.2.2428-08 MUK 4.2.3144-13 | Infant food | 10.86.10 | 0401 20 910 1 0401 20 990 1 0403 90 510 1 0403 90 530 1 0406 10 500 1 1901 10 000 0 | E. sakazakii | 0 - $1,5 \times 10^4$ CFU/g Presence / absence |

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| 30. | DIN EN 16278 «Determination of inorganic arsenic by hydride generation atomic absorption spectrometry after microwave digestion and separation by solid phase extraction» | Fish, non-fish objects of fishery, aquaculture and derived products | 10.20.11 – 10.20.15 10.20.21 – 10.20.26 10.20.31 – 10.20.34 10.20.41 – 10.20.42 10.20.22 10.20.41 | 0302 11 100 0 – 0308 90 900 0 1604 11 000 0 – 1605 69 000 0 0305 10 000 0 2301 20 000 0 | Mass fraction of inorganic substance / inorganic arsenic | 0,001-0,8 mg/kg |
| 31. | MUK 3.2.988-00 p.2.1, p.3.1, p.3.2-3.2.11.3, p.3.3, p.3.4, p.4, p.5.1, p.7.1, p.7.2 | Fish, non-fish objects of fishery (molluscs, crustaceans, amphibians, reptiles), and derived products | 10.20.11 – 10.20.15 10.20.21 – 10.20.26 10.20.31 – 10.20.34 10.20.41 – 10.20.42 | 0302 11 100 0 – 0308 90 900 0 1604 11 000 0 – 1605 69 000 0 | Parasitic purity: Parasites and their viable and inviable larvae | Revealed / Not revealed |
| 32. | ST RK 2779-2015 p.4.3, p.4.4-4.4.9.3, p.4.5, p.4.6, p.5, p.6.1 | Fish, non-fish objects of fishery (molluscs, crustaceans, amphibians, reptiles), and derived products | | | Parasitic purity: Parasites and their viable and inviable larvae | Revealed / Not revealed |
| 33. | Instruction 4.2.10-21-25-2006 p.1-12, p.19-21.3, p.22-25, p.26.1, p.27-3, p.37, p.38 | Fish, fish roe, non-fish objects of fishery (molluscs, crustaceans, amphibians) and derived products | | | Parasitic purity: Parasites and their viable and inviable larvae | Revealed / Not revealed |

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| 34. | GOST EN 14526 (BS EN 14526:2004) | Molluscs | | | Saxitoxin | (0,6 – 3,6) mg/kg |
| 35. | GOST EN 14176 (BS EN 14176:2003) | Molluscs | | | Domoic acid | (5-40) mg/kg |
| 36. | Instruction on sanitary and microbiological control of production of food products from fish and marine invertebrates | Food products from fish and non-fish objects of fishery | | | Mesophilic aerobic and facultative anaerobic microorganisms (MAFAnM) | 10 - 3x10 ⁷ CFU/g |
| | | | | | Molds and yeasts | 10 - 3x10 ⁴ CFU/g |
| | | | | | Bacteria of Proteus genera | Presence / absence |
| | | | | | Coliform bacteria/ coliforms | Presence / absence |
| | | | | | Staphylococcus aureus | 10-3x10 ⁴ CFU/g Presence / absence |
| | | | | | Sulfite-reducing clostridia | Presence / absence |
| | | | | | Bacteria of Salmonella genera | Presence / absence |
| | | | | | Spores of mesophilic aerobic and facultative anaerobic microorganisms (thermostable bacilli of mesophiles) | Presence / absence |
| | | | | | Vibrio parahaemolyticus | 10-3x10 ⁴ CFU/g Presence / absence |

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| 37. | GOST R 55447 | Feedstuffs, compound feeds and feed raw materials | 10.13.16 10.20.41 10.39.30 10.41.41 10.61.40 | 2301 10 000 0 – 2309 90 960 0 1214 10 000 0 | Chromium mass fraction/ chromium | 0,2-10,0 mg/kg |
| | | | | | Tin mass fraction/tin | 5-1000 mg/kg |
| 38. | Techniques of identification and quantification of the content of GM soya and maize lines by real-time PCR method. No. MU A-1/038 | Feedstuffs, feed additives and raw materials for their production | 10.62.20 10.91.10 10.92.10 10.81.20 11.02.20 11.05.20 | | Identification of GM soya and GM maize lines | Presence / absence |
| | | | | | Quantification of the content of GM soya and GM maize lines | 0,1 – 5,0 % |
| 39. | GOST R 56058 | Feedstuffs, feed additives and raw materials for their production | | | Identification of GM soya and GM maize lines | Presence / absence |
| | | | | | Quantification of the content of GM soya and GM maize lines | 0,1 – 5,0 % |
| 40. | GOST R 57221-2016 pp.19-21 | All types of feed yeasts and other protein feed products of microbial synthesis | 10.89.13 | 2102 20 110 0 – 2102 20 900 0 | Yeast cells | 10 - 1,5x10 ⁴ CFU/g |
| | | | | | Total bacterial number | 10 – 3x10 ⁷ CFU/g |
| | | | | | Bacteria of Salmonella genera | Presence / absence |
| 41. | MU 2657-82 | Washoffs | - | - | MAFAnM / total quantity of microbes / total bacterial count | 0-3x10 ⁴ CFU/ml |

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| | | | | | Coliforms | Presence / absence |
| | | | | | Coagulase-positive staphylococci (St. aureus) | Presence / absence |
| | | | | | Bacteria of Proteus genera | Presence / absence |
| | | | | | E. coli | Presence / absence |

Head of FSBE «NCSFAP» TRL

Position of the Authorized Person

Signature of the Authorized Person

O.N. Trubnikova

Initials, Surname of the Authorized Person