

11. NORMATIVE AND GUIDANCE DOCUMENTS FOR METHODS AND PROCEDURES OF MICROBIOLOGICAL CONTROL OF SAFETY AND NUTRITIONAL VALUE OF DIFFERENT FOOD PRODUCTS GROUPS

11.1. When taking samples of food products, preparing them for the analysis for microbiological research and cultivation of microorganisms the provisions of the following documents should be followed:

- 1 GOST 26668-85 Food Products and Flavors. Methods of Sampling for Microbiological Analysis.
- 2 GOST 26669-85 Food Products and Flavors. Preparation of Samples for Microbiological Analysis.
- 3 GOST 26670-85 Food Products and Flavors. Methods of Microorganisms Cultivation.
- 4 GOST 51446-99 (ISO 7218-96) Food Products. General Rules for Microbiological Studies.
- 5 GOST 10444.1-84 Canned Foods. Preparation of Solutions of Reagents, Dyes, Indicators and Growth Media Used in Microbiological Analysis.
- 6 GOST 8756.18-70 Canned Foods. Methods for Evaluating the Appearance, Air-tightness of the Container and Condition of the Inner Surface of Metal Containers.
- 7 MUK 4.2.590-96 Bacteriological Studies Using Rapid Response Analyzer Bak-Trak 4100.

11.2. Taking of samples of specific products, their preparation for analysis and microbiological studies shall be carried out in accordance with the effective documents.

Infant food products

- 8 MUK 4.2.577-96 Methods of Microbiological Control of Products for Children and Therapeutic Nourishment and their Components.
- 9 GOST 26972-86, Grains, Cereals, Flour, Oatmeal for Children Food. Methods of Microbiological Analysis.
- 10 GOST 30705-2000 Dairy Products for Children Food. Method for Detection of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 11 GOST 30706-2000 Dairy Products for Children Food. The Method of Determining the Amount of Yeast and Moulds.
- 12 SanPiN 42-123-4423-87 Normative Standards and Methods for Microbiological Control of Children Food Products Made by Milk Kitchens of the Health Care System.
- 13 MUK 4.2.1122-02 Organization of Control and Methods for Detection of *Listeria monocytogenes* Bacteria in Food Products.

Full (sterilized) canned foods of all kinds of general purpose and for children food.

- 14 Instructions on the Procedure of Sanitary and Technical Control of Canned Foods at the Production Plants, Wholesale Facilities, Retail and Public Catering Enterprises (Moscow, 1993; State Committee for Health and Epidemiological Supervision of the Russian Federation No. 01-19.9-11 of 21.07.92).
- 15 GOST 8756.18-70 Canned Foods. Methods for Evaluating the Appearance, Air-tightness of the Container and Condition of the Inner Surface of Metal Containers.
- 16 GOST 30425-97 Canned Foods. Industrial Sterility Detection Method.
- 17 GOST 10444.11-89 Food Products. Methods for Detection of Lactic Acid Microorganisms.
- 18 GOST 10444.12-88 Food Products. Methods for Detection of Yeast and Moulds.
- 19 GOST 10444.15-94 Food Products. Methods for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 20 GOST 10444.2-94 Food Products. Methods for Finding and Quantity Measurement of *Staphylococcus Aureus*.

Pasteurized canned meat, meat and vegetables and poultry.

- 21 Instructions on the Procedure of Sanitary and Technical Control of Canned Foods at the Production Plants, Wholesale Facilities, Retail and Public Catering Enterprises (Moscow, 1993; State Committee for Health and Epidemiological Supervision of the Russian Federation No. 01-19.9-11 of 21.07.92).
- 22 Instruction on the Procedure of Microbiological Control of Pasteurized Canned Meat Production. Moscow, 1984.
- 23 GOST 10444.15-94 Food Products. Methods for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 24 GOST 30518-97 (GOST R 50474-93) Food Products. Methods for Finding and Quantity Measurement of *Escherichia coli* Bacteria (Coliform Bacteria).
- 25 GOST 30519-97 (GOST R 50480-93) Food Products. Method of Identifying Bacteria of Genus *Salmonella*.
- 26 GOST 29185-91 Food Products. Methods for Finding and Quantity Measurement of Sulfite-Reducing Clostridia.

- 27 GOST 10444.2-94 Food Products. Method of Finding and Detection of *Staphylococcus aureus*.
- Meat of livestock for slaughter, poultry, eggs and their derived products
- 28 Instruction on the Procedure and Frequency of Control over the Content of Microbiological and Chemical Contaminants in Meat, Poultry, Eggs and their Derived Products. Moscow, 2000.
- 29 The Procedure of the Sanitary-Microbiological Control in the Production of Meat and Meat Products. Moscow, 1996 (Industry Regulatory Document).
- 30 GOST 9792-73 Sausage Goods and Products from Pork, Lamb, Beef and from Meat of other Types of Livestock and Poultry for Slaughter. Rules for Acceptance and Sampling Methods.
- 31 Instructions on Sanitary-Microbiological Control of Carcasses, Poultry Meat, Poultry Products, Eggs and Egg Products at Poultry Farms and Poultry Processing Plants. Moscow, 1990.
- 32 GOST 7702.2.0.-95 Poultry Meat, By-Products and Semi-finished Products. Methods of Sampling and Preparation for Microbiological Studies.
- 33 GOST 30519-97 (GOST R 50480-93) Food Products. Method of Identifying Bacteria of the Genus *Salmonella*.
- 34 GOST 30518-97 (GOST R 50474-93) Food Products. Methods for Finding and Quantity Measurement of *Escherichia coli* Bacteria (Coliform Bacteria).
- 35 GOST 10444.15-94 Food Products. Methods for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 36 GOST 7702.2.2.-93 Poultry Meat, By-Products and Semi-finished Products. Methods for Finding and Quantity Measurement of *Escherichia coli* Bacteria (Coliform Bacteria of Genera *Escherichia*, *Citrobacter*, *Enterobacter*, *Klebsiella*, *Serratia*).
- 37 GOST 7702.2.3.-93 Poultry Meat, By-Products and Semi-finished Products. *Salmonella* Detection Method.
- 38 GOST 7702.2.4-93 Poultry Meat, By-Products and Semi-finished Products. Method for Finding and Quantity Measurement of *Staphylococcus aureus*.
- 39 GOST 7702.2.5.-93 Poultry Meat, By-Products and Semi-finished Products. Methods for Finding and Quantity Measurement of *Listeria*.
- 40 GOST 7702.2.6-93 Poultry Meat, By-Products and Semi-finished Products. Method for Finding and Quantity Measurement of Sulfite-reducing *Clostridia*.
- 41 GOST 7702.2.7.-95 Poultry Meat, By-Products and Semi-finished Products. Method of Identifying Bacteria of the Genus *Proteus*.
- 42 GOST 7702.2.1.-95 Poultry Meat, By-Products and Semi-finished Products. Method for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 43 GOST 28560-90 Food Products. Methods of Identifying Bacteria of the Genera *Proteus*, *Morganella*, *Providencia*.
- 44 GOST 29185-91 Food Products. Methods for Finding and Quantity Measurement of Sulfite-reducing *Clostridia*.
- 45 GOST 10444.9-88 Food Products. Method for Detection of *Clostridium perfringens*.
- 46 GOST 28566-90 Food Products. Method for Finding and Quantity Measurement of *Enterococci*.
- 47 GOST 21237-75 Meat. Methods of Bacteriological Analysis.
- 48 GOST 9958-81 Sausage Goods and Meat Products. Methods of Bacteriological Analysis.
- 49 GOST 30726-2001 Food Products. Methods for Finding and Quantity Measurement of Bacteria of the Species *Escherichia coli* (Reference Method).
- 50 GOST 50454-92 Meat and Meat Products. Identifying and Registering of the Alleged Coliform Bacteria and *Escherichia coli* (Reference Method).
- 51 GOST 50455-92 Meat and Meat Products. Identifying of *Salmonella* (Reference Method).
- 52 GOST 29184-91 Food Products. Methods for Finding and Quantity Measurement of Bacteria of the Family *Enterobacteriaceae*.
- 53 GOST 30364.2-96 Egg Products. Microbiological Methods Of Control.
- 54 MUK 4.2.1122-02 Arrangement of Control and Methods for Detection of *Listeria monocytogenes* Bacteria in Food Products.
- Milk and all kinds of dairy products (except for infant food products)
- 55 GOST 9225-84 Milk and Dairy Products. Methods of Microbiological Analysis.
- 56 Instruction on Microbiological Control of Production at Enterprises of Dairy Industry. Moscow, 1988.
- 57 Instruction on the Procedure and Frequency of Control over Microbiological and Chemical Contaminants at Enterprises of Dairy Industry. Moscow, 1995.
- 58 GOST 51331-99. Dairy Products. Yoghurt. General Specifications (as related to Detecting Lactic Acid Microorganisms; Detection of *Bifidobacteria* in Yogurt).
- 59 GOST 13264-88 Cow Milk. Requirements for the Procurement.
- 60 GOST 30519-97 (GOST 50480-93) Food Products. Method of Identifying Bacteria of the Genus *Salmonella*.
- 61 GOST 10444.11-89 Food Products. Method of Detection of Lactic Acid Microorganisms.
- 62 GOST 30347-97 Milk. Method of Finding and Detection of *Staphylococcus aureus*.

- 63 MUK 4.2.1122-02 Arrangement of Control and Methods for Detection of *Listeria monocytogenes* Bacteria in Food Products.
Fish, fish products and other sea foods
- 64 Instructions on Sanitary-Microbiological Control of Food Production from Fish and Marine Invertebrates. Leningrad, 1991
- 65 Methodological Instructive Regulations for the Control in Fish Products of *Vibrio parahaemolyticus* — Agents of Food Toxicoinfection. Leningrad, 1991
- 66 Instructions on Sanitary-Microbiological Control of Mussels in their Areas of Cultivation, at Processing Plants and on Cleansing Mussels from Bacterial Contamination. Kerch, 1987
- 67 GOST 10444.15-94 Food Products. Methods for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 68 GOST 30518-97 (GOST R 50474-93) Food Products. Methods for Finding and Quantity Measurement of *Escherichia coli* Bacteria (Coliform Bacteria).
- 69 GOST 30519-97 (GOST R 50480-93) Food Products. Method of Identifying Bacteria of the Genus *Salmonella*.
- 70 GOST 10444.12-88 Food Products. Yeast and Moulds Detection Methods.
- 71 GOST 10444.2-94 Food Products. Method of Finding and Detection of *Staphylococcus aureus*.
- 72 GOST 29185-91 Food Products. Methods for Finding and Quantity Measurement of Sulfite-reducing *Clostridia*.
- 73 GOST 28566-90 Food Products. Method for Finding and Quantity Measurement of *Enterococci*.
- 74 GOST 30726-2001 Food Products. Methods for Finding and Quantity Measurement of Bacteria of Species *Escherichia coli*.
- 75 MUK 4.2.1122-02 Arrangement of Control and Methods for Detection of *Listeria monocytogenes* Bacteria in Food Products.
Bread, flour and cereal products and confectionery
- 76 75. GOST 27543-87 Confectionery, Equipment, Materials, Reagents and Culture Media for Microbiological Analysis.
- 77 GOST 26968-86 Refined Sugar Sand. Methods of Microbiological Analysis.
- 78 Methodological Instructive Regulations MUK 4.2.762-99 Methods for Microbiological Control of Finished Products with Cream.
- 79 GOST 26972-86, Grains, Cereals, Flour, Oatmeal for Children Food Products. Methods of Microbiological Analysis.
- 80 GOST 10444.15-94 Food Products. Methods for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 81 GOST R 50474-93 Food Products. Methods for Finding and Quantity Measurement of *Escherichia coli* Bacteria (Coliform Bacteria).
- 82 GOST 30519-97 (GOST R 50474-93) Food Products. Method of Identifying Bacteria of the Genus *Salmonella*.
- 83 GOST 30518-97 (GOST R 50474-93) Food Products. Yeast and Moulds Detection Methods.
- 84 GOST 10444.2-94 Food Products. Method of Finding and Detection of *Staphylococcus aureus*.
Vegetables, fruits, berries, mushrooms, their derived products and spices
- 85 84. Instructions on Microbiological Control of Fast-frozen Fruits and Vegetables. Gosagroprom of the USSR, dated 29.09.89.
- 86 Instructions on Sanitary-Microbiological Control of Dry and Fast-frozen Potato Products. Gosagroprom of the USSR, dated 20.11.84.
- 87 GOST 10444.15-94 Food Products. Methods for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 88 GOST 30518-97 (GOST R 50474-93) Food Products. Methods for Finding and Quantity Measurement of *Escherichia coli* Bacteria (Coliform Bacteria).
- 89 GOST 30519-97 (GOST R 50480-93) Food Products. Method of Identifying Bacteria of the Genus *Salmonella*.
- 90 GOST 10444.12-88 Food Products. Yeast and Moulds Detection Methods.
- 91 GOST 10444.8-88 Food Products. *Bacillus cereus* Detection Methods.
- 92 Instruction on Epidemiology and Laboratory Diagnosis of Yersiniosis, Arrangement and Implementation of Prevention and Antiepidemic Measures. Ministry of Health of the USSR No. 15-6/042, 1990.
Oil and fat products
- 93 Instruction on Sanitary-Bacteriological Control over Production of Margarine and Mayonnaise at Enterprises of Margarine Industry. Gosagroprom of the USSR dated 21.11.88.
- 94 GOST 50173-92 Mayonnaise. Rules for Acceptance and Test Methods.
- 95 GOST 10444.12-88 Food Products. Yeast and Moulds Detection Methods.
- 96 MUK 4.2.577-96 Methods of Microbiological Control of Products for Children and Therapeutic Nourishment and their Components — Oils for Children Food Products.

- 97 MUK 4.2.1122-02 Arrangement of Control and Methods for Detection of *Listeria monocytogenes* Bacteria in Food Products.
Beverages and fermentation products
- 98 GOST 30712-2001 Products of Soft Drinks Industry. Methods of Microbiological Analysis. International Standard.
- 99 Instructions on Microbiological Control over Production of Highly Resistant Soft Drinks, Gosagroprom of the USSR, IK 10-5031536105-91.
- 100 Instructions on Sanitary-Microbiological Control over Brewing and Soft Drink Production, Gosagroprom of the USSR, IK 10-04-06-140-87.
- 101 GOST 18963-73, Drinking Water. Methods of Sanitary and Bacteriological Analysis.
- 102 GOST 30519-97 (GOST R 50474-93) Food Products. Method of Identifying Bacteria of the Genus *Salmonella*.
- 103 Methodological Instructive Regulations on Detection and Identification of *Pseudomonas aeruginosa* in the Environment (Food Products, Water, Waste Liquids). Ministry of Health of the USSR, Moscow, 1984.
- 104 MUK 4.2.1018-01 Sanitary-Microbiological Analysis of Drinking Water. Moscow, 2001
Ready meals made at catering facilities and enterprises of food concentrates industry.
- 105 Methodological Instructive Regulations on Sanitary and Bacteriological Control at Catering and Food Products Trade Facilities (Moscow, 1984).
- 106 GOST 10444.15-94 Food Products. Methods for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 107 GOST 30518-97 (GOST R 50474-93) Food Products. Methods for Finding and Quantity Measurement of *Escherichia coli* Bacteria (Coliform Bacteria).
- 108 GOST 30519-97 (GOST R 50480-93) Food Products. Method of Identifying Bacteria of the Genus *Salmonella*.
- 109 GOST 10444.12-88 Food Products. Yeast and Moulds Detection Methods.
- 110 GOST 10444.2-94 Food Products. Method of Finding and Detection of *Staphylococcus aureus*.
- 111 GOST 28560-90 Food Products. Methods of Identifying Bacteria of the Genera *Proteus*, *Morganella*, *Providencia*.
- 112 GOST 30726-2001 Food Products. Methods for Finding and Quantity Measurement of Bacteria of the Species *Escherichia coli*.
- 113 MUK 4.2.1122-02 Arrangement of Control and Methods for Detection of *Listeria monocytogenes* Bacteria in Food Products.
Biologically active additives to food
- 114 MUK 4.2.577-96 Methods of Microbiological Control of Products for Children and Therapeutic Nourishment and their Components.
- 115 GOST 10444.15-94 Food Products. Methods for Quantity Measurement of Mesophilic Aerobic and Facultative Anaerobic Microorganisms.
- 116 GOST 30518-97 (GOST R 50474-93) Food Products. Methods for Finding and Quantity Measurement of *Escherichia coli* Bacteria (Coliform Bacteria).
- 117 GOST 30519-97 (GOST R 50480-93) Food Products. Method of Identifying Bacteria of the Genus *Salmonella*.
- 118 GOST 10444.2-94 Food Products. Method of Finding and Detection of *Staphylococcus aureus*.
- 119 GOST 10444.8-88 Food Products. *Bacillus cereus* Detection Methods.
- 120 GOST 10444.12-88 Food Products. Yeast and Moulds Detection Methods.
- 121 GOST 30726-2001 Food Products. Methods for Finding and Quantity Measurement of Bacteria of the Species *Escherichia coli*.

ConsultantPlus: note.

The Annex was not submitted for registration to the Ministry of Justice of the Russian Federation.
