



სსიპ სოფლის მეურნეობის
სახელმწიფო ლაბორატორია

Annex 2

			Cadmium	Manufacturer's method manual, Agilent, GFAAS	Type 1
		Gamma-beta spectrometry	Radionuclides:	МВИ.МН 1181-2011	Type 1
			Cesium-137		
			Strontium-90		
Microbiological indicators:					
		Surface and depth seeding - detection, counting	Mold fungi	ISO 21527-2:2008/2012	Type 1
		Gravimetric method	Humidity	GOST 15113.4-2021	
		Kjeldahl method	Protein	M.M 4237-86	Type 1
		Extraction	Fat	M.M 4237-86	Type 1
		Computational Method	Hydrocarbon	M.M 4237-86	Type 1
		Gravimetric method	Extractive substances	GOST 32775-2014	
		Gravimetric method	Solubility	GOST 32776-2014	
		Gravimetric method	Metallo-magnetic impurities	GOST 15113.2-77	
		Gravimetric method	Ash	GOST 15113.8-77	



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			Computational method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11			
43	2002, 2003, 2004, 2005	Salads of raw, boiled and stewed vegetables and fruits	Titration Method	Acidity	ISO 750-2013 GOST 34127-2017			
			Gravimetric method	Moisture and dry matter	GOST 28561-90 GOST 33977-2016			
			Kjeldahl method	Protein	M.M 4237-86			
			Extraction	Fat	M.M 4237-86			
			Computational Method	Hydrocarbon	M.M 4237-86			
			Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11			
			Microbiological indicators:					
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	Type 1		
			Surface sowing-counting		ISO 4833-2:2013/2015			
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009	Type 1		
			Deep seeding - Detection, counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	Type 1		
Surface seeding - detection	Salmonella spp.	ISO 6579-1:2017/2019	Type 1					



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			Disc-diffusion method	Antibiotic susceptibility profile of Salmonella s	WHO protocol 2010 GFNLA002	Type 1
			Surface seeding - detection	Shigella spp	ISO 21567:2004/2014	Type 1
			Surface seeding - detection, counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci	WHO protocol 2010 GFNLA002	Type 1
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90	Type 1
			Surface seeding - detection	Listeria monocytogenes	ISO 11290-1:2017/2021	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Listeria monocytogenes	WHO protocol 2010 GFNLA002	Type 1
			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1
			Polymerase chain reaction (PCR)	Listeria monocytogenes	Dupont BAXQ7 SYSTEM Manual page 43-46	Type 1
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1
44	1602, 1604	Salads with meat, poultry, fish, shrimp, etc. Add	Titration method	Acidity	GOST 4288-76	
			Gravimetric method	Moisture and dry matter	GOST 4288-76	
			Kjeldahl method	Protein	M.M 4237-86	



	Extraction	Fat	M.M. 4237-86	
	Computational method	Hydrocarbon	M.M. 4237-86	
	Spectrophotometric method	Determination of oxyproline	GOST 23041-2015	
	Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11	
Microbiological indicators:				
	Depth seeding-counting Surface seeding -counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015	Type 1
	Depth seeding-counting	Coliform bacteria	ISO 4832:2009	Type 1
	Depth seeding-detection, counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	Type 1
	Surface seeding -counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	Type 1
	Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci	WHO protocol 2010 GFNLA002	Type 1
	Surface seeding -detection	Bacteria of the genus Proteus	GOST 28560-90	Type 1
	Surface seeding -detection	Salmonella spp.	ISO 6579-1:2017/2019	Type 1



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			Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1
			Surface seeding -detection	Shigella spp	ISO 21567:2004/2014	Type 1
			Surface seeding -detection	Listeria monocytogenes	ISO 11290-1:2017/2021	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Listeria monocytogenes	WHO protocol 2010 GFNLA002	Type 1
			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1
			Polymerase chain reaction (PCR)	Listeria monocytogenes	Dupont BAXQ7 SYSTEM Manual page 43-46	Type 1
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1
45	2104	ცივი წვნიანი კერძები	Titration method	Acidity	GOST 3624-92 GOST 4288-76	
			Gravimetric method	Humidity and dry matter	GOST 3626-73 GOST 4288-76	
			Kjeldahl method	Protein	M.M. 4237-86	
			Extraction	Fat	M.M.. 4237-86	
			Computational Method	Hydrocarbon	M.M. 4237-86	



		Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11	
		Microbiological indicators:			
		Depth seeding - counting	Coliform bacteria	ISO 4832:2009	Type 1
		Depth seeding - detection, counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	Type 1
		Surface seeding - detection; counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	Type 1
		Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002	Type 1
		Surface seeding - detection;	Bacteria of the genus Proteus	GOST 28560-90	Type 1
		Surface seeding - detection;	Salmonella spp.	ISO 6579-1:2017/2019	Type 1
		Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1
		Surface seeding - detection;	Shigella spp	ISO 21567:2004/2014	Type 1
		Surface seeding - detection;	Listeria monocytogenes	ISO 11290-1:2017/2021	Type 1
		Disc-diffusion method	Antibiotic susceptibility profile of Listeria monocytogenes	WHO protocol 2010 GFNLA002	Type 1



			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1	
			Polymerase chain reaction (PCR)	Listeria monocytogenes	Dupont BAXQ7 SYSTEM Manual page 43-46	Type 1	
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1	
46	2104	Hot soup dishes	Titration method	Acidity	GOST 3624-92 GOST 4288-76		
			Gravimetric method	Humidity and dry matter	GOST 3626-73 GOST 42888-76		
			Kjeldahl method	Protein	M.M. 4237-86		
			Extraction	Fat	M.M.. 4237-86		
			Computational Method	Hydrocarbon	M.M. 4237-86		
			Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11		
			Microbiological indicators:				
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 2:2013/2015	ISO 4833- Type 1	
			Surface sowing-counting				
			Depth seeding-counting	Coliform bacteria	ISO 4832:2009	Type 1	



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			Surface seeding-detecton	Salmonella spp.	ISO 6579-1:2017/2019	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1
			Surface seeding-detecton	Shigella spp	ISO 21567:2004/2014	Type 1
			Surface seeding-detecton	Listeria monocytogenes	ISO 11290-1:2017/2021	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Listeria monocytogenes	WHO protocol 2010 GFNLA002	Type 1
			Surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002	Type 1
			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1
			Polymerase chain reaction (PCR)	Listeria monocytogenes	Dupont BAXQ7 SYSTEM Manual page 43-46	Type 1
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1
47		Egg dishes	Titration method	Acidity	GOST 3624-92	



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		Gravimetric Method	Humidity and Dry matter	GOST 31469-2012	
		Kjeldahl method	Protein	M.M. 237-86	
		Extraction	Fat	M.M.237-86	
		Computational Method	Hydrocarbon	M.M.4237-86	
		Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11	
Microbiological indicators:					
		Depth seeding-counting Surface sowing-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015	Type 1
		Depth seeding - count	Coliform bacteria	ISO 832:2009	Type 1
		Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 888-1:2021/2021	Type 1
		Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002	Type 1
		Surface seeding - detection,counting	Bacteria of the genus Proteus	GOST 28560-90	Type 1
		Surface seeding - detection,	Salmonella spp.	ISO 6579-1:2017/2019	Type 1



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			Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1		
			Surface seeding - detection,	Shigella spp	ISO 21567:2004/2014	Type 1		
			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1		
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1		
48		cottage cheese dishes	Titration Method	Acidity	GOST 3624-92			
			Gravimetric Method	Humidity and dry matter	GOST 3626-73			
			Kjeldahl method	Protein	M.M. 4237-86			
			Extraction	Fat	M.M. 4237-86			
			Computational Method	Hydrocarbon	M.M. 4237-86			
			Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11			
			Microbiological indicators:					
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833- 1:2013/2015	Type 1		
			Surface seeding-counting		ISO 4833- 2:2013/2015			
Depth seeding - counting	Coliform bacteria	ISO 4832:2009	Type 1					



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			Annex 2			
			Surface seeding - detection; counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002	Type 1
			Surface seeding - detection;	Bacteria of the genus Proteus	GOST 28560-90	Type 1
			Surface seeding - detection;	Salmonella spp.	ISO 6579-1:2017/2019	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1
			Surface seeding - detection;	Shigella spp	ISO 21567:2004/2014	Type 1
			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 43-46	Type 1
49	1604	Fish dishes	Titration Method	Acidity	GOST 7636-85	
			Gravmetric Method	Humidity and Dry matter	GOST 7636-85	
			Kjeldahl method	Protein	M.M.4237-86	
			Extraction	Fat	M.M. 4237-86	
			Computational Method	Hydrocarbon	M.M. 4237-86	



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	Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11	
Microbiological indicators:				
	Depth seeding-counting Surface seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 2:2013/2015	ISO 4833- Type 1
	Depth seeding-counting	Coliform bacteria	ISO 4832:2009	Type 1
	Surface seeding - detection; counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	Type 1
	Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002	Type 1
	Surface seeding - detection;	Bacteria of the genus Proteus	GOST 8560-90	Type 1
	Surface seeding - detection;	Salmonella spp.	ISO 6579-1:2017/2019	Type 1
	Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1
	Surface seeding - detection;	Shigella spp	ISO 21567:2004/2014	Type 1
	Surface seeding - detection;	Listeria monocytogenes	ISO 11290-1:2017/2021	Type 1



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			Disc-diffusion method	Antibiotic susceptibility profile of <i>Listeria monocytogenes</i>	WHO protocol 2010 GFNLA002	Annex 2 Type 1	
			Polymerase chain reaction (PCR)	<i>Salmonella</i> spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1	
			Polymerase chain reaction (PCR)	<i>S.aureus</i>	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1	
			Polymerase chain reaction (PCR)	<i>Listeria monocytogenes</i>	Dupont BAXQ7 SYSTEM Manual page 43-46	Type 1	
50	1602	Dishes of meat and meat products	Titration Method	Acidity	GOST 4288-76		
			Gravimetric Method	Humidity and dry matter	GOST 4288-76		
			Kjeldahl method	Protein	M.M. 4237-86		
			Extraction	Fat	M.M. 4237-86		
			Computational Method	Hydrocarbon	ბ.ბ. 4237-86		
			Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11		
			Microbiological indicators:				
			Depth seeding-counting Surface seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015	Type 1	
			Depth seeding - count	Coliform bacteria	ISO 4832:2009	Type 1	



		Surface seeding - detection; counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	Type 1
		Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002	Type 1
		Surface seeding - detection;	Bacteria of the genus Proteus	GOST 28560-90	Type 1
		Surface seeding - detection;	Salmonella spp.	ISO 6579-1:2017/2019	Type 1
		Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1
		Surface seeding - detection;	Shigella spp	ISO 21567:2004/2014	Type 1
		Surface seeding - detection;	Listeria monocytogenes	ISO 11290-1:2017/2021	Type 1
		Disc-diffusion method	Antibiotic susceptibility profile of Listeria monocytogenes	WHO protocol 2010 GFNLA002	Type 1
		Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1
		Polymerase chain reaction (PCR)	Listeria monocytogenes	Dupont BAXQ7 SYSTEM Manual page 43-46	Type 1
		Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1
51	1602	Titration Method	Acidity	GOST 4288-76	



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	Dishes of poultry, wild fowl, wild game	Gravimetric Method	Humidity and Dry matter	GOST 4288-76	
		Kjeldahl method	Protein	M.M.4237-86	
		Extraction	Fat	M.M.4237-86	
		Computational Method	Hydrocarbon	M.M. 4237-86	
		Spectrophotometric method	Determination of oxyproline	GOST 23041-2015	
		Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11	
		Microbiological indicators:			
	Depth seeding-counting Surface seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 4833-2:2013/2015	ISO	Type 1
	Depth seeding-counting	Coliform bacteria	ISO 4832:2009		Type 1
	Surface seeding-detection, counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		Type 1
	Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002		Type 1
	Surface seeding-detection,	Bacteria of the genus Proteus	GOST 28560-90		Type 1



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			Surface seeding-detection,	Salmonella spp.	ISO 6579-1:2017/2019	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp	WHO protocol 2010 GFNLA002	Type 1
			Surface seeding-detection,	Shigella spp	ISO 21567:2004/2014	Type 1
			Surface seeding-detection,	Listeria monocytogenes	ISO 11290-1:2017/2021	Type 1
			Disc-diffusion method	Antibiotic susceptibility profile of Listeria monocytogenes	WHO protocol 2010 GFNLA002	Type 1
			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1
			Polymerase chain reaction (PCR)	Listeria monocytogenes	Dupont BAXQ7 SYSTEM Manual page 43-46	Type 1
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1
52		Garnishes	Titration Method	Acidity	ISO 750-1998 GOST 3624-92	
			Gravimetric Method	Humidity and dry matter	GOST 28561-90 GOST 13586.5-2015 GOST 33977-2016	
			Kjeldahl method	Protein	M.M. 4237-86	
			Extraction	Fat	M.M. 4237-86	



	Computational Method	Hydrocarbon	M.M. 4237-86	
	Computational Method	Energy value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11	
Microbiological indicators:				
	Depth seeding-counting Surface seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015	Type 1
	Depth seeding - counting	Coliform bacteria	ISO 4832:2009	Type 1
	Depth seeding - detection, counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	Type 1
	Surface seeding - detection; counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	Type 1
	Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002	Type 1
	Surface seeding - detection;	Bacteria of the genus Proteus	GOST 28560-90	Type 1
	Surface seeding - detection; counting	Salmonella spp.	ISO 6579-1:2017/2019	Type 1
	Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1
	Surface seeding - detection;	Shigella spp	ISO 21567:2004/2014	Type 1



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			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Annex 2 Type 1	
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1	
			Microbiological indicators:				
53	2104	Baby food (adapted milk mixtures - dry, skimmed, lactic acid)	Depth seeding-counting Surface seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015	Type 1	
			Depth seeding-counting	Coliform bacteria	ISO 4832:2009	Type 1	
			Depth seeding-detection,counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	type 1	
			Surface seeding-detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	type 1	
			Disc-diffusion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002	type 1	
			Surface seeding-detection,counting	Salmonella spp.	ISO 6579-1:2017/2019	type 1	
			Disc-diffusion method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	type 1	



			Surface and Depth seeding-detection,counting	Mold and yeast fungi	ISO 21527-2:2008/2012		type 1	
			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36		type 1	
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69		type 1	
			Microbiological indicators:					
√5 4	2104	Baby food - dry quick-dissolving milk porridges (rice, buckwheat, wheat, etc.)	Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 2:2013/2015	ISO 4833-	type 1	
			Surface seeding-counting					
			Depth seeding-counting	Coliform Bacteria	ISO 4832:2009		type 1	
			Surface seeding - detection; counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		type 1	
			Disc-difussion method	Antibiotic susceptibility profile of Coagulase positive staphylococci (S.aureus)	WHO protocol 2010 GFNLA002		type 1	
			Surface seeding - detection; counting	Salmonella spp.	ISO 6579-1:2017/2019		Type 1	
			Disc-Difussion Method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002		Type 1	
			Surface seeding - detection;	Shigella spp	ISO 21567:2004/2014		Type 1	



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			Surface and depth seeding - detection, counting	Mold and yeast fungi	ISO 21527-2:2008/2012	Annex 2 Type 1
			Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Manual page 31-36	Type 1
			Polymerase chain reaction (PCR)	S.aureus	Dupont BAXQ7 SYSTEM Manual page 67-69	Type 1
Microbiological indicators:						
		Dry formula for infants and food for special medical purposes, intended for feeding children up to 6 months of age	Depth seeding - detection, counting	enterobacteriaceae	ISO 21528-2:2017/2021	
55	1213, 1214, 2301, 2302, 2303,	animal food	Atomic absorption spectrometry	Toxic elements: Lead Cadmium	Yen 13804:2003; Yen 13805:2003; Manufacturer's method manual, Agilent, GFAAS	Type 1



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2304,23 05, 2306	Atomic emission spectrometry	Copper	Yen 13804:2003; Yen 13805:2003;	Type 1
		Zinc	Manufacturer's method manual, Agilent, AES	
	Gamma-beta spectrometry	Radionuclides:	МВИ.МН 1181-2011	Type 1
		Cesium-137		
		Strontium-90		
	Kjeldahl method	Protein	GOST 32044.1-2012 (ISO 5983-1: 2005)	
	Extraction	Fat	GOST 13496.15-2016	
	Computational Method	Hydrocarbon	M.M. 4237-86	
	Potentiometric method	Active Acidity	GOST 26180-84	
	Potentiometric method	Total acidity	GOST 13496.12-98	
	Gravimetric Method	Humidity	GOST 13496.3-92 (ISO 6496-83)	
	Titration Method	A mass fraction of table salt	GOST 13496.1-2019	
	Gravimetric method	Metal-magnetic impurities	GOST 13496.9-96	
	Gravimetric method	Silt content	GOST 13496.14-75	



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	Gravimetric method	Grinding quality	GOST 13496.8-72
	Titration Method	Carbamide (urease)	GOST 29113-2016
	Titration Method	Raw cellulose	GOST 31675-2012
	Gravimetric method	Ash	GOST 32933-2014 (ISO 5984:2002)
	Titration Method	Determination of Calcium	GOST 26570-95
	Titration Method	Determination of phosphorus	GOST26657-97
	Computational Method	Energy Value	Order #301 from sanitary rules and norms 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11
Microbiological indicators:			
	Depth seeding -counting	Coliform Bacteria	ISO 4832:2009 Type 1
	Surface seeding - detection;	Salmonella spp.	ISO 6579-1:2017/2019 Type 1
	Disc-Difussion Method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002 Type 1
	Polymerase chain reaction (PCR)	Salmonella spp.	Dupont BAXQ7 SYSTEM Type 1
	Depth seeding -counting	Enterobacteriaceae	ISO 21528-2:2017/2021 Type 1
	Depth seeding-counting Surface seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015 Type 1



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56	2201	Drinking water (centralized, non-centralized, packaged)	Atomic absorption spectrometry	Toxic elements:	GOST 31870-2012	Type 1
				Lead	Manufacturer's method manual, Agilent, GFAAS	
				Cadmium		
			Atomic absorption spectrometry (mercury analyzer AMA 254)	Mercury	Manufacturer's Method Manual, Altec, AMA 254	
			Atomic emission spectrometry	Copper	Manufacturer's Method Manual, Agilent, AES	Type 1
				Zinc		
				iron		
			Ion chromatography	Determination of anions (chlorine, bromine, fluorine, nitrates, nitrites, sulfates, phosphates)	ISO 10304-1:2007	
			GC/MS/MS Gas Chromatography/Mass Spectrometry/Mass Spectrometry, LC/MS/MS Liquid Chromatography/Mass Spectrometry/Mass Spectrometry	Accredited method for determination of organochlorine pesticides	Accredited method	Type 1
				Determination of organophosphorus pesticides		
	(color, smell, taste)	Organoleptics	Organoleptic indicators	GOST 3351-74		



		Potentiometric method	turbidity	Instructions for instrument turbidity meter "AL 250T-IR".	
		Potentiometric method	pH	Tool pH-meter - instructions for "pH/con 510".	
		Spectrophotometric method	Ammonia	GOST 33045-2014 (ISO 6777-1984)	
		Spectrophotometric method	Nitrate	ISO 7890-3:2008	
		Spectrophotometric method	Nitrite	ISO 6777:2008	
		Titration method	Chloride	GOST 4245-72	
		Titration method	Permanganate oxidation	ISO 8467-93	
		Titration method	Residual chlorine	GOST 18190-72	
		Complexometric method	Overall stiffness	GOST 31954-2012 (ISO 6059:1984; ISO 7980:1984)	
		Titration method	Alkalinity	GOST 31957-2012 (ISO 9963-1:1994; ИСО 9963-2:1994)	
		Titration method	Sulfate ion	GOST 31940-2012	
		Potentiometric method	Overall mineralization	Tool pH-meter - instructions for "pH/con 510".	
		Potentiometric method	Electrical conductivity	ISO 4567:1985	
		Titration method	Calcium ions	ISO 6059-2008	



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			Titration method	Magnium ions	ISO 6059-2008	
			Spectrophotometric method	Iron content	ISO 6332:1988	
				Microbiological indicators:		
			Depth seeding-counting	Mesophilic aerobic and facultative anaerobic microorganisms at 37°C and 22°C	ISO 6222:2008	Type 1
			Membrane filtration - counting	E. coli Coliform bacteria	ISO 9308-1:2014/2014	Type 1
			Surface seeding - detection	Salmonella spp.	ISO 19250-2010/2013	Type 1
			Disc-Difussion Method	Antibiotic susceptibility profile of Salmonella spp.	WHO protocol 2010 GFNLA002	Type 1
			Membrane filtration-counting;	enterococci	ISO 7899-2:2007	Type 1
		(for bottled water only)	Membrane filtration-counting;	Pseudomonas aeruginosa	ISO 16266:2007	Type 1
			Surface seeding - detection;	Shigella spp	EPASandard Methods 9260 Revised: March 31, 2022	Type 1
			IDEXX's Method MPN	E. coli Coliform bacteria	ISO 9308-2:2012/2013	Type 1
57		Ready-to-eat food in which Listeria monocytogenes can		Microbiological indicators:		



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		grow, except for ready-to-eat baby food and food for special medical purposes	Surface seeding - detection; counting	Listeria monocytogenes	ISO 11290-2:2017/2017	Type 1
			Disc-Difussion Method	Antibiotic susceptibility profile of Listeria monocytogenes	WHO protocol 2010 GFNLA002	Type 1
		Prepared food in which Listeria monocytogenes does not grow, except for ready-to-eat baby food and food for special medical purposes		Microbiological indicators:		
			Surface seeding - detection; counting	Listeria monocytogenes	ISO 11290-2:2017/2017	Type 1
			Disc-Difussion Method	Antibiotic susceptibility profile of Listeria monocytogenes	WHO protocol 2010 GFNLA002	Type 1
58	0401,04 03,040, 0404	Milk and milk products	Immunoenzymatic method	Staphylococcal enterotoxin	According to the instructions for using the VIDAS test (val. ISO 19020:2017/2019)	Type 1
59		Rinse (from food production inventory, equipment, production lines, packaging material for temporary and permanent storage	Sowing Method	Lhysteria monocytogenes Salmonella spp. Total number of aerobic microorganisms Coliform bacteria	ISO 11290-1:2017/2021 ISO 6579-1:2017/2019 ISO 4833-1:2013/2015	Type 1



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				Coagulase positive staphylococci (S.aureus)	ISO 4832:2009	
				Shigella spp	ISO 6888-1:2021/2021	
				Enterobacteriaceae	ISO 21567:2004/2014	
				Beta-glucuronidase positive E.coli	ISO 21528-2:2017/2021	
				E.coli O157:H7	ISO 16649-2:2001/2015	
					Dupont BAXQ7 SYSTEM Manual page 15-19	