



Scope of National Accreditation - SST ISO/IEC 17025:2017/2018

LEPL State Laboratory of Agriculture (SLA)

Akhaltsikhe Zonal Diagnostic Laboratory (ZDL) - Veterinary

<i>№</i>	<i>SES/ ESN code</i>	<i>Test/Sampling Product/Material</i>	<i>Type of exams</i>	<i>Research parameters</i>	<i>Identification and designation of the test/sampling method</i>	<i>Flexible field/type</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
1		Animal Samples	Serology: Rose Bengal test	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4	
2		Animal Samples	Serology: FPA	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4	
3		Animal Samples	Serology: Antibody detection competitive ELISA- Ab	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4	



4		Animal Samples	Serology: Ring reaction of milk	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4	
5		Animal Samples	Bacteriology: culture isolation	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4; R-227-2023-G, 21.07.2023 v 02	
6		Animal Samples	Molecular Biology: RT-PCR	Anthrax	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.1	
7		Animal Samples	Bacteriology: culture isolation	Anthrax	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.1; R-235-2023-G 21.07.2023 v 02	
8		Environment Samples	Bacteriology: culture isolation	Anthrax	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.1; R-234-2023-G 21.07.2023 v 02	



9		Animal Samples	Serology: Non-Structural Protein Antibody (NSP) Detection ELISA-Ab	Foot and Mouth Disease (FMD)	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.8	
10		Animal Samples	Serology: Structural Protein Antibody (SP) Detection ELISA-Ab	Foot and Mouth Disease (FMD)	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.8	
11		Animal Samples	Molecular Biology: RT-PCR	Lumpy skin disease (LSD), Capripox Virus	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3.4.12	
12		Animal Samples	Molecular Biology: RT-PCR	Avian Influenza Virus (AIV);	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.4	
13		Animal Samples	Serology: Avian Influenza Virus (AIV); ELISA-Ab	Avian Influenza Virus (AIV);	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.4	
14		Animal Samples	Molecular Biology: RT-PCR	Paramyxovirus (APMV)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.14	



15		Animal Samples	Molecular Biology: RT-PCR	New Castle Virus (NDV)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.14	
16		Animal Samples	Serology: New Castle Virus (NDV) ELISA-Ab	New Castle Virus (NDV)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.14	
17		Animal Samples	Molecular Biology: RT-PCR	African Swine Fever (ASF)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.9.1	
18		Animal Samples	Serology: African Swine Fever ELISA-Ab	African Swine Fever (ASF)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.9.1	
19		Animal Samples	Serology: African Swine Fever ELISA-Ag	African Swine Fever (ASF)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.9.1	
20		Animal Samples	Serology: ELISA-Ab	Classical Swine Fever (CSF)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3.9.3	



21	Animal Samples	Serology: ELISA-Ag	Classical Swine Fever (CSF)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3. 9. 3
22	Animal Samples	Molecular Biology: RT-PCR	Classical Swine Fever (CSF)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3.9.3
23	Animal Samples	Serology: ELISA-Ag	Bovine Spongiform Encephalopathy (BSE), Scrapie	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition;chapter 3.4.5 OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3.8.11
24	Animal Samples	Serology: ELISA-Ab	Peste Des Petits Ruminants (PPR)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3.8.9
25	Animal Samples	Molecular Biology: RT-PCR	Sheep pox (SPPV) and Goat pox (GTPV), Capripox Virus	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3.8.12



26		Animal Samples	Bacteriology: culture isolation	Salmonellosis	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.10.7	
27		Animal Samples	Bacteriology: culture isolation	Hemorrhagic septicemia- Pasteurellosis	R-236-2023-G 21.07.2023 v 02.	
28		Animal Samples	Bacteriology: culture isolation	Colibacteriosis	CLINICA VETERINARY MICROBIOLOGY - Second Edition - Bryan Markey – 2013. R-232-2023-G 21.07.2023 v 02.	
29		Animal Samples	Bacteriology: culture isolation	Erysipelas	R-242-2023-G 21.07.2023 v 02.	
30		Animal Samples	Bacteriology: culture isolation	Clostridia spp.: Braxy, Blackleg, Malignant edema, Anaerobic dysentery, Enterotoxemia	R-231-2023-G 21.07.2023 v 02.	



31		Animal Samples	Molecular Biology: RT-PCR	Clostridia spp.	R-238-2023-G 21.07.2023 v 02.	
32		Animal Samples	Molecular Biology: RT-PCR	Glanders	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3.6.11	
33		Bees	Bacteriology: culture isolation	American Foulbrood of Honey Bees	OIE – Manual of Diagnostic Test and Vaccines for Terrestrial Animals. chapter 3.2.2; R-238-2023-G 21.07.2023 v 02.	
34		Bees	Bacteriology: culture isolation	European Foulbrood of Honey Bees	OIE – Manual of Diagnostic Test and Vaccines for Terrestrial Animals. Section 3.2.3 R-239-2023-G 21.07.2023 v 02.	
35		Milk	Express test	Mastitis	R-233-2023-G 21.07.2023 v 02.	
36		Animal Samples	Bacteriology: culture isolation	Listeriosis	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8 th Edition; chapter 3.10.5	



					R-237-2023-G 21.07.2023 v 02.	
37		Animal Samples	Bacteriology: culture isolation	Gram positive cocci: Staphylococcosis, Streptococcosis, Diplococosis	R-228-2023-G 21.07.2023 v 02.	
38		Animal Samples	Microscopy	Trichinellosis	Internal SOP (Validated method)	



Akhaltsikhe Zonal Diagnostic Laboratory (ZDL) - Food Safety

№	SES/ESN CODE	TESTING/SAMPLING PRODUCT/MATERIAL	SPECIFIC TEST	TEST PARAMETER	TESTING/SAMPLING METHOD IDENTIFICATION	FLEXIBLE SCOPE/TYPE
1	2	3	4	5	6	7
1	0201, 0202, 0203, 0204, 0205 00, 0208	Meat, including semi-finished products, fresh, chilled, frozen (all types of slaughtered, farmed and wild animals) mechanically separated meat Part 2- -Colony counting by 30°C deep seeding technique) Mechanically separated meat, Abrasive sponge, (Salmonella) Enterobacteriaceae of cattle, sheep, goats, pigs and horses)	Microbiological indicators: Depth seeding-counting Surface seeding-counting Depth seeding-counting Surface seeding - detection	Total number of aerobic microorganisms Coliform bacteria Salmonella spp.	ISO 4833 -1:2013/2015 ISO 4833 -2:2013/2015 ISO 4832:2009 ISO 6579-1:2017/2019	



		Mechanically separated meat, semi-finished meat, spent meat (beta-glucuronidase positive E.coli - qualitative and quantitative)	Surface seeding - detection	Shigella spp -	ISO 21567:2004/2014		
			Surface seeding - detection	listeria monocytogenes	ISO 11290-1:2017/2021		
			Deep seeding - To detect, to count	Enterobacteriaceae	ISO 21528-2:2017/2021		
			Deep seeding - To detect, to count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
2	0206	Chilled, frozen offal of slaughter animals (liver, kidneys, tongue, brain, heart, food blood, etc.)	Microbiological Indicators				
			Surface seeding - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding - detection	Listeria monocytogenes	ISO 11290-1:2017/2021		
3	1601 00, 0210	Sausage products, minced meat, culinary products	Microbiological Indicators				



			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface seeding- counting		ISO 4833-2:2013/2015	
			Depth seeding - count	Coliform bacteria	ISO 4832:2009	
			Surface seeding - detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface seeding - detection	Shigella spp -	ISO 21567:2004/2014	
			Surface seeding - detection	Listeria monocytogenes	ISO 11290- 1:2017/2021	
			Depth seeding - detection ,count	Sulfite-reducing clostridium	ISO 15213:2003/2013	
			Surface seeding - detection	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Surface seeding - detection	Bacteria of the genus Proteus-	GOST 28560-90	



4	0207	Poultry, including semi-finished products, fresh, chilled, frozen (all types of slaughter, industrial and wild poultry, fresh poultry meat) frozen and quick-frozen chicken and chicken pieces Fresh poultry meat	Microbiological Indicators			
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface seeding-counting		ISO 4833-2:2013/2015	
			Depth seeding - count	Coliform bacteria	ISO 4832:2009	
			Surface seeding - detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Horizontal method of detection, enumeration and serotyping.	Salmonella typhimurium; Salmonella enteritidis	ISO 6579-3:2014/2015	Horizontal method of detection, enumeration and serotyping.
			Surface seeding-detection	Shigella spp -	ISO 21567:2004/2014	
			Surface seeding-detection	Listeria monocytogenes	ISO 11290-1:2017/2021	
5	1602	Poultry offal, chilled, frozen	Microbiological Indicators			



			Surface seeding- detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding- detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
6	1601	Sausage products made from poultry meat, culinary products	Microbiological Indicators				
			Depth seeding- counting Surface seeding- counting	Total number of aerobic microorganisms •	ISO 4833 1:2013/2015 ISO 4833-2:2013/2015		
			Depth seeding- counting	Coliform bacteria	ISO 4832:2009		
			Surface seeding- counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface seeding- counting	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding- counting	Shigella spp -	ISO 21567:2004/2014		
			Surface seeding- counting	Listeria monocytogenes	ISO 11290- 1:2017/2021		



7	0407	Egg and its processing products (egg, melange) Egg products (enterobacteria)	Microbiological Indicators			
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface seeding-counting		ISO 4833-2:2013/2015	
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009	
			Surface seeding - detection	Shigella spp	ISO 21567:2004/2014	
			Surface seeding - detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface seeding - detection	Listeria monocytogenes	ISO 11290-1:2017/2021	
			Depth seeding - Detection, counting	Enterobacteriaceae	ISO 21528-2:2017/2021	



8	0302	(for dry egg products)	Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90		
		(for dry egg products)	Surface seeding - detection, Counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
	0303 0304	Fish alive, chilled, frozen, minced, fillet, semi-finished products	Microbiological Indicators				
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface seeding- counting		ISO 4833-2:2013/2015		
			Depth seeding- counting	Coliform bacteria	ISO 4832:2009		
			Surface seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
			Surface seeding- Detection, Counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		



9	1604	Microbiological Indicators			
		Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
		Surface seeding- counting		ISO 4833-2:2013/2015	
		Depth seeding - counting	Coliform bacteria	ISO 4832:2009	
		Surface seeding - detection	Shigella spp	ISO 21567:2004/2014	
		Surface seeding - detection	Salmonella spp.	ISO 6579-1:2017/2019	
		Surface and depth seeding - detection, counting	Mold and yeast fungi	ISO 21527- 1:2008/2014	
		surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
		Depth seeding	Sulfite-reducing clostridium	ISO 15213:2003/2013	
10	0305				



	Fish dried, sun-cured, smoked, salted, marinated and other fish products prepared for human consumption	Microbiological Indicators			
		Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015	
		Surface seeding-counting		ISO 4833 2:2013/2015	
		Depth seeding - count	Coliform bacteria	ISO 4832:2009	
		Surface seeding - detection	Salmonella spp.	ISO 6579-1:2017/2019	
		Surface seeding - detection	Shigella spp	ISO 21567:2004/2014	
		Surface seeding - detection, Counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
		Surface seeding - detection	Listeria monocytogenes	ISO 11290-1:2017/2021	
	(extracted, dried)	Surface and deep seeding - detection, counting	Mold and yeast fungi	ISO 21527-2:2008/2012	



		(Fillet in vacuum, brought out in the sun and dried)	Deep seeding - detection;counting	Sulfite-reducing clostridium	ISO 15213:2003/2013		
11	1604	Fish roe and products derived from it	Microbiological Indicators				
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface seeding-counting				ISO 4833-2:2013/2015
			Surface seeding-counting	Coliform bacteria	4832:2009		
			Surface seeding-detection,	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding-detection,	Shigella spp	ISO 21567:2004/2014		
			Surface seeding-detection,	Listeria monocytogenes	ISO 11290-1:2017/2021		
			Surface seeding-detection, counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		



			Surface seeding- detection, counting	Mold and yeast fungi	ISO 21527- 1:2008/2014		
			Surface seeding- detection,counting	Sulfite-reducing clostridium	ISO 15213:2003/2013		
12	0306, 0307, 0308	Marine invertebrates crabs, krill, mussels	Microbiological Indicators				
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface seeding- counting		ISO 4833-2:2013/2015		
			Depth seeding- counting	Coliform Bacteria	ISO 4832:2009		
			Surface seeding- detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding- detection	Shigella spp	ISO 21567:2004/2014		



		(mussel, snail, scallop alive and cured in the sun) (mollusk alive, mollusk alive, tunicate alive, gastropod mollusk)	Surface seeding- detection.counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Deep seeding - detection; counting	Sulfite-reducing clostridium	ISO 15213:2003/2013		
			Surface seeding- detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
13	0401	Milk - raw, cream - raw, pasteurized, sterilized and boiled milk, sour cream, lactic acid drinks	Microbiological Indicators				
			Depth seeding- counting Surface seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
			Surface seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
14	0401	Milk, cream (pasteurized)	Microbiological Indicators				



			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface seeding-counting		ISO 4833-2:2013/2015		
			Depth seeding-counting	Coliform Bacteria	ISO 4832:2009		
			Surface seeding-detection.counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface seeding-Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding-Detection	Shigella spp	ISO 21567:2004/2014		
		Pasteurized milk (enterobacteria)	Depth seeding-Detection, counting	Enterobacteriaceae	ISO 21528-2:2017/2021		
		Cream (beta - glucuronidase positive E.coli - qualitative and quantitative	Surface seeding-Detection	Listeria monocytogenes	ISO 11290-1:2017/2021		
			Depth seeding-Detection, counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		



15	0403	Lactic drinks, sour cream	Microbiological Indicators			
			Depth seeding- counting	Coliform Bacteria	ISO 4832:2009	
			Surface seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface seeding- Detection	Shigella spp	ISO 21567:2004/2014	
			Surface seeding- detection.counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Surface seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021	
16	0406	Cheese and creamy processed cheese	Microbiological Indicators			
			Depth seeding- counting	Coliform Bacteria	ISO 4832:2009	



			Surface seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface seeding- detection.counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
17	0404	Milk, dry products, cream, (mixture for ice cream)					
			Microbiological Indicators				
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface seeding- counting		ISO 4833-2:2013/2015		
			Depth seeding - counting	Coliform bacterias	ISO 4832:2009		
			Depth seeding - Detection, counting	Enterobacteriaceae	ISO 21528- 2:2017/2021		



			Surface seeding- Detection ,counting	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface seeding- Detection ,counting	Shigella spp	ISO 21567:2004/2014		
			Surface seeding- Detection,Countin g	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
		Dry milk and whey powder (enterobacteria) Dry milk and whey powder (dry whey) coagulase positive staphylococci	Depth seeding - Detection, counting	Enterobacteriaceae	ISO 21528- 2:2017/2021		
18	0406	Cheese and creamy processed cheese	Microbiological Indicators				
			Depth seeding - counting	Coliform bacterias	ISO 4832:2009		
			Surface-seeding - counting	Shigella spp	ISO 21567:2004/2014		
			Surface-seeding - counting	Salmonella spp.	ISO 6579-1:2017/2019		



			Surface-seeding - Detection,counting	Mold and yeast fungi	ISO 21527- 1:2008/2014		
			Surface-seeding - counting	Listeria monocytogenes	ISO 11290- 1:2017/2021		
			Deep seeding - Detection,Countin g Cheese that has undergone heat treatment and is made from milk or milk whey	Beta-glucuronidase positive E.coli	ISO 16649- 2:2001/2015		
		(Creamy)	Depth seeding- counting Surface seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
		(Raw)	Surface seeding- Detection,Countin g	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
				Coagulase positive staphylococci (S.aureus)	ISO 6888-2:2021/2022		
			Microbiological Indicators				



19	2105	Ice Cream	Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015	
			Surface seeding- counting		ISO 4833 -2:2013/2015	
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009	
			Surface sowing- Detection	Shigella spp	ISO 21567:2004/2014	
			Surface sowing- Detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface sowing- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021	
			Surface seeding- Detection,Countin g	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
Depth seeding - Detection.Countin g	Enterobacteriaceae	ISO 21528- 2:2017/2021				
20	0405, 1501	Butter, lard, poultry fat	Microbiological Indicators			



			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface seeding- counting		ISO 4833-2:2013/2015		
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Surface sowing- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface sowing- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface sowing- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
		Butter (beta-glucuronidase positive E.coli - qualitative and quantitative	Depth seeding - Detection, countin g	Beta-glucuronidase positive E.coli	ISO 16649- 2:2001/2015		
21	1517	Vegetable and animal oils and fats (all types)	Microbiological Indicators				
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Surface sowing- Detection	Salmonella spp.	ISO 6579-1:2017/2019		



			Surface sowing- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
			Surface and deep seeding - detection, counting	Mold and yeast fungi	ISO 21527- 1:2008/2014		
22	1902	Pasta products	Microbiological Indicators				
			Surface sowing- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
23	1704,18 06	Sugar confectionery: chocolate, caramel, candies, toffee, halva, marmalade, marshmallow, chewing gum, etc.	Microbiological Indicators				
			Depth Seeding- counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015		
			Surface Seeding- counting		ISO 4833 2:2013/2015		
			Depth Seeding- counting	Coliform Bacteria	ISO 4832:2009		
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		



			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Depth and surface seeding- Detection,counting	Mold and yeast fungi	ISO 21527- 2:2008/2012		
24	1801	Cocoa Powder	Microbiological Indicators				
			Depth Seeding- counting Surface Seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
			Depth Seeding- counting	Coliform Bacteria	ISO 4832:2009		
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Depth and surface seeding- Detection,counting	Mold and yeast fungi	ISO 21527- 2:2008/2012		



25	1106	Flour confectionery	Microbiological Indicators			
			Depth Seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface Seeding-counting		ISO 4833-2:2013/2015	
			Depth Seeding-counting	Coliform Bacteria	ISO 4832:2009	
			Surface seeding-Detection,Counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Depth and surface seeding-Detection,counting	Mold and yeast fungi	ISO 21527-2:2008/2012	
			Surface Seeding-Detection	Shigella spp	ISO 21567:2004/2014	
			Surface Seeding-Detection	Salmonella spp.	ISO 6579-1:2017/2019	



26	0701, 0702, 0703, 0704, 0705, 0706, 0707, 0709	Vegetables, green and leafy vegetables, fresh, freshly frozen and their processing products	Microbiological Indicators			
			Depth Seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface Seeding- counting		ISO 4833-2:2013/2015	
			Depth Seeding- counting	Coliform Bacteria	ISO 4832:2009	
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014	
			Sowing method	Mold and yeast fungi	ISO 21527- 1:2008/2014	
			Surface Seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021	
27	0803, 0804, 0806, 0808, 0809, 0810	Fruits, berries, grapes quickly frozen and their processing products	Microbiological Indicators			
			Depth Seeding- counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015	



28	0712, 0813	Cut fruits and vegetables (beta-glucuronidase positive E.coli - qualitative and quantitative, Salmonella	Surface Seeding-counting		ISO 4833 2:2013/2015		
			Depth Seeding-counting	Coliform Bacteria	ISO 4832:2009		
			Depth seeding-detection,counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
			Surface and depth seeding - detection, counting	Mold and yeast fungi	ISO 21527-1:2008/2014		
			Surface Seeding-Detection	Shigella spp	ISO 21567:2004/2014		
		Dried vegetables, potatoes, fruits, berries, mushrooms	Surface Seeding-Detection	Salmonella spp.	ISO 6579-1:2017/2019		
		Microbiological Indicators					
		Depth Seeding-counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015			
		Surface Seeding-counting		ISO 4833 2:2013/2015			



			Depth Seeding-counting	Coliform Bacteria	ISO 4832:2009		
			Surface Seeding-Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface and depth seeding - detection, counting	Mold and yeast fungi	ISO 21527-1:2008/2014		
29	0904, 0907, 0908, 0909, 0910	spices and seasonings	Microbiological Indicators				
			Depth Seeding-counting Surface Seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
			Depth Seeding-counting	Coliform Bacteria	ISO 4832:2009		
			Surface Seeding-Detection	Salmonella spp.	ISO 6579-1:2017/2019		



			Surface and deep seeding - detection, counting	Mold fungi	ISO 21527-2:2008/2012		
		(made to use)	Depth seeding - detection, counting	Sulfite-reducing clostridium	ISO 15213:2003/2013		
30	0801, 0802	Natural nuts (almonds, walnuts, peanuts, hazelnuts, coconut)	Microbiological Indicators				
			Depth Seeding-counting	Coliform Bacteria	ISO 4832:2009		
			Surface Seeding-Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface and deep seeding - detection, counting	Mold fungi	ISO 21527-2:2008/2012		
31	0902	Tea	Microbiological Indicators				
			Surface and deep seeding - detection, counting	Mold fungi	ISO 21527-2:2008/2012		



32	0901	Coffee				
			Microbiological Indicators			
			Surface and deep seeding - detection, counting	Mold fungi	ISO 21527-2:2008/2012	
33	2002, 2003, 2004, 2005	Salads of raw, boiled and stewed vegetables and fruits				
			Microbiological Indicators			
			Depth seeding - counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface sowing - counting		ISO 4833-2:2013/2015	
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009	
			Deep seeding - Detection, counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	
			Surface Seeding - Detection	Salmonella spp.	ISO 6579-1:2017/2019	
Surface Seeding - Detection	Shigella spp	ISO 21567:2004/2014				



			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90		
			Surface Seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
34	1602, 1604	Salads with meat, poultry, fish, shrimp, etc. Add	Microbiological Indicators				
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface sowing- counting		ISO 4833-2:2013/2015		
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Depth seeding- detection,counting	Beta-glucuronidase positive E.coli	ISO 16649- 2:2001/2015		



			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90	
			Surface Seeding- Detection	Salmonella spp.	სსტ ისო 6579- 1:2017/2019	
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014	
			Surface Seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021	
35	2104	Cold soup dishes	Microbiological Indicators			
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009	
			Depth seeding- detection,counting	Beta-glucuronidase positive E.coli	ISO 16649- 2:2001/2015	



			Surface seeding - detection, counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90	
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014	
			Surface Seeding- Detection	Listeria monocytogenes	ISO 11290-1:2017/2021	
36	2104	Hot soup dishes	Microbiological Indicators			
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015	
			Surface sowing- counting			
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009	
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019	



			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface Seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
37		Egg dishes	Microbiological Indicators				
			Depth seeding- counting Surface sowing- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90		



			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
38		cottage cheese dishes	Microbiological Indicators				
			Depth seeding- counting Surface sowing- counting	Total number of aerobic microorganisms	ISO 4833- 1:2013/2015 ISO 4833- 2:2013/2015		
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90		
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		



39	1604	Fish dishes	Microbiological Indicators			
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface sowing-counting		ISO 4833-2:2013/2015	
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009	
			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90	
			Surface Seeding-Detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface Seeding-Detection	Shigella spp	ISO 21567:2004/2014	
			Surface Seeding-Detection	Listeria monocytogenes	ISO 11290-1:2017/2021	
40	1602	Dishes of meat and meat products				



			Microbiological Indicators			
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015	
			Surface sowing- counting			
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009	
			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90	
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014	
			Surface Seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021	
41	1602	Dishes of poultry, wild fowl, wild game				
			Microbiological Indicators			



			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
			Surface sowing- counting				
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90		
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface Seeding- Detection	Listeria monocytogenes	ISO 11290- 1:2017/2021		
42		Garnishes					
			Microbiological Indicators				



			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
			Surface sowing- counting				
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Depth seeding - detection,counting	Beta-glucuronidase positive E.coli	ISO 16649- 2:2001/2015		
			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface seeding - detection	Bacteria of the genus Proteus -	GOST 28560-90		
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Microbiological Indicators				
43	2104	Baby food (adapted milk mixtures - dry, skimmed, lactic acid)	Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		



			Surface sowing-counting				
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Depth seeding - detection, counting	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
			Surface seeding - detection, counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface Seeding-Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface and Depth seeding-detection, counting	Mold and yeast fungi	ISO 21527-2:2008/2012		
44	2104	Baby food - dry quick-dissolving milk porridges (rice, buckwheat, wheat, etc.)	Microbiological Indicators				
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
			Surface sowing-counting				



			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		
			Surface seeding - detection,counting	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface and Depth seeding- detection,counting	Mold and yeast fungi	ISO 21527- 2:2008/2012		
		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		
45	1213, 1214, 2301, 2302, 2303,	animal food	Microbiological Indicators				
			Depth seeding - counting	Coliform bacteria	ISO 4832:2009		



	2304,23 05, 2306		Surface Seeding- Detection	Shigella spp	ISO 21567:2004/2014		
			Surface Seeding- Detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Depth seeding - detection,counting	enterobacteriaceae	ISO 21528- 2:2017/2021		
			Depth seeding- counting Surface sowing- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
46	2201	Drinking water (centralized, non- centralized, packaged	Microbiological Indicators				
			Depth seeding- counting	Mesophilic aerobic and facultative anaerobic microorganisms at 37°C and 22°C	ISO 6222:2008		
			Membrane filtration - counting	E. coli Coliform bacteria	ISO 9308-1:2014/2014		



			Surface seeding - detection;	Shigella spp	EPASstandard Methods 9260 Revised: March 31, 2022		
			Surface seeding - detection	Shigella spp.	MY 1150-74		
			Surface seeding - detection	Salmonella spp.	ISO 19250-2010/2013		
			Membrane filtration-counting;	enterococci	ISO 7899-2:2007		
		(for bottled water only)	Membrane filtration-counting;	Pseudomonas aeruginosa	ISO 16266:2007		
47		Ready-to-eat food in which Listeria monocytogenes can 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		
48		Prepared food in which Listeria monocytogenes does not grow, except	Microbiological Indicators				



		for ready-to-eat baby food and food for special medical purposes	Surface seeding - detection; counting	Listeria monocytogenes	ISO 11290-2:2017/2017	
49		Rinse (from food production inventory, equipment, production lines, packaging material for temporary and permanent storage	Sowing Method	Listeria monocytogenes Salmonella spp. Total number of aerobic microorganisms Coliform bacteria Coagulase positive staphylococci (S.aureus) Shigella spp Enterobacteriaceae Beta-glucuronidase positive E.coli	ISO 11290-1:2017/2021 ISO 6579-1:2017/2019 ISO 4833-1:2013/2015 ISO 4832:2009 ISO 6888-1:2021/2021 ISO 21567:2004/2014 ISO 21528-2:2017/2021 ISO 16649-2:2001/2015	