



სსიპ სოფლის მეურნეობის  
სახელმწიფო ლაბორატორია



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

LEPL State Laboratory of Agriculture (SLA)

Kutaisi Zonal Diagnostic Laboratory (ZDL) - Veterinary

№	TESTING/SAMPLING PRODUCT/MATERIAL	SPECIFIC TEST	TEST PARAMETER	TESTING/SAMPLING METHOD IDENTIFICATION	FLEXIBLE SCOPE/TYPE
1	2	3	4	5	6
1	Animal Samples	<b>Molecular Biology:</b>  Real Time Polymerase Chain Reaction (qRT-PCR)	Anthrax	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.1	Type 2
2			Foot and Mouth Disease (FMD)	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.8	Type 2
3			African Swine Fever (ASF)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.9.1	Type 2
4			Peste Des Petits Ruminants (PPR)	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.8.9	Type 2
5			Rinderpest Virus	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.20	Type 2
6			Avian Influenza Virus (AIV); (Matrix, H5, H7, )	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.4	Type 2
7			Paramyxovirus (APMV)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.14	Type 2



8			New Castle Virus (NDV)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.14	Type 2
9			Classical Swine Fever (CSF)	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.8.3	Type 2
10			Sheep pox (SPPV) and Goat pox (GTPV), Capripox Virus	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.3.12	Type 2
11			Lumpy skin disease (LSD), Capripox Virus	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.4.12	Type 2
12			Q Fever	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.17	Type 2
13			Rabies	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.18	Type 2

14	Animal Samples	<b>Serology: Agglutination</b> Assay: Rose Bengal Test	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4	Type 2
15		<b>Serology: Agglutination</b> Assay: Milk Ring Test	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4	Type 2
16		<b>Serology: Fluorescence</b> Polarization Assay (FPA)	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4	Type 2



17		Serology:  ELISA-Ab	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.4	Type 2
18			Foot and Mouth Disease (FMD); Non-Structural Protein Antibody (NSP) Detection ELISA-Ab	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.8	Type 2
19			Foot and Mouth Disease (FMD); Structural Protein Antibody (SP) Detection ELISA-Ab	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.8	Type 2
20			Peste Des Petits Ruminants (PPR) ELISA-Ab	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.8.9	Type 2
21			Bovine Spongiform Encephalopathy (BSE), Scrapie - ELISA-Ag	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; თავი 3.4.5 OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; Chapter Chapter 3.8.11.	Type 2
22			Leishmaniosis ELISA-Ab	Leishmania infantum-ELISA diagnostic kit instruction <a href="http://www.idvet.com">www.idvet.com</a> , <a href="mailto:info@id-vet.com">info@id-vet.com</a> ; OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; chapter 3.1.11	Type 2

23	Animal Samples	Bacteriology:  Culture isolation	Brucellosis	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; Section 3.1.4; CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013;	Type 2
----	----------------	--	-------------	--	--------



24			Anthrax	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; Section 3.1.1. CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013;	Type 2
25	Environmental sample		Anthrax	OIE Manual for Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; Section 3.1.1. CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013;	Type 2
26	Animal Samples		Salmonellosis	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; თავი 3.10.7 CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013;	Type 2
27			Hemorrhagic septicemia- Pasteurellosis	CLINICAL VETERINARY MICROBIOLOGY - Second Edition - Bryan Markey – 2013	Type 2
28			American Foulbrood of Honey Bees	OIE – Manual of Diagnostic Test and Vaccines for Terrestrial Animals. Section 3.2.2; CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013;	Type 2
29			European Foulbrood of Honey Bees	OIE – Manual of Diagnostic Test and Vaccines for Terrestrial Animals. Section 3.2.2;	Type 2



	Animal Samples			CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013;	
30			Colibacteriosis	CLINICAL VETERINARY MICROBIOLOGY - Second Edition - Bryan Markey – 2013; VETERINARY MICROBIOLOGY and MICROBIAL DISEASE. Second Edition-P.J.Quinn-2011.	Type 2
31			Clostridia spp.: Braxy, Blackleg, Malignant edema, Anaerobic dysentery, Enterotoxemia	CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013. GOST - 26503-85 Laboratory of clostridia.diagnostic methods;	Type 2
32			Listeriosis	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals 2018; 8th Edition; Section 3.9.6;  CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013	Type 2
33	Animal Samples	<b>Bacteriology:</b> Culture isolation	Gram positive cocci: Staphylococcosis, Streptococcosis, Diplococosis	CLINICAL VETERINARY MICROBIOLOGY - Second Edition - Bryan Markey – 2013;	
34	Milk	<b>Bacteriology: rapid test</b>	Mastitis	Instructions for use of the California Mastitis Test	Type 2
35	Animal Samples	<b>Bacteriology: rapid test</b>	American Foulbrood of Honey Bees	OIE – Manual of Diagnostic Test and Vaccines for Terrestrial Animals. Section 3.2.2;	Type 2



				CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013; Instructions for the American and European diagnostic kit for diagnosing bee rot.	
			European Foulbrood of Honey Bees	OIE – Manual of Diagnostic Test and Vaccines for Terrestrial Animals. Section 3.2.3; Instructions for the American and European diagnostic kit for diagnosing bee rot. CLINICAL VETERINARY MICROBIOLOGY – Second Edition – Bryan Markey – 2013;	Type 2
36	pathological material		Study of pathological material	Sas, Sam. Fundamentals of pathological autopsy of animals, Ark. Jorbenadze, V. Mamatelashvili. paragraphs 62-74; 108-129; 135-141	
37	Animal Samples	Microscopy trichinelloscopy	Trichinellosis	Laboratory studies of viral, rickettsial and parasitic diseases in veterinary medicine. Edited by B. I. Antonov, p. 179	
38	Bird/animal carcass		Pathological and anatomical autopsy of animal/bird carcasses.	Sas, Sam. Fundamentals of pathological autopsy of animals, Ark. Jorbenadze, V. Mamatelashvili. paragraphs 62-162; 163-168; Fish diseases" - reference	
39	Animal Samples	Microscopy	Rabies	OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals	



სსიპ სოფლის მეურნეობის  
სახელმწიფო ლაბორატორია

Annex 2

40	Animal Samples	Craniotomy	Rabies	Sas, Sam. Fundamentals of pathological autopsy of animals, Ark. Jorbenadze, V. Mamatelashvili. paragraphs 62-74; 108-129; 135-141	
----	----------------	------------	--------	---	--

Kutaisi Zonal Diagnostic Laboratory (ZDL) – Food Safety

	N CODE	PRODUCT/MATERIAL			G METHOD IDENTIFICATION	LE SCOPE/ TYPE	
სსიპ სოფლის მეურნეობის მასწავლებლო ლაბორატორია	3		4	5	6	7 Annex 2	
1	0201, 0202, 0203, 0204, 0205 00, 0208	<p>Meat, including semi-finished products, fresh, chilled, frozen (all types of slaughtered, farmed and wild animals) mechanically separated meat.</p> <p>Mechanically separated meat, horizontal method of enumeration of microorganisms.</p> <p>Part 2- (Colony counting by 30°C deep seeding technique)</p> <p>Mechanically separated meat, Abrasive sponge, (Salmonella)</p> <p>Enterobacteriaceae of cattle, sheep, goats, pigs and horses)</p> <p>Mechanically separated meat, meat semi-finished products, spent meat (beta - glucuronidase positive E.coli -qualitative and quantitative)</p>	Microbiological indicators:				
			Depth seeding- counting Surface sowin count	Total number of aerobic microorganisms	ISO 4833 -1:2013/2015  ISO 4833 -2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			Surface sowing - 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	Offal of animals for slaughter, chilled, frozen (liver, kidney, tongue, brain, heart, edible blood, etc.)	Microbiological indicators:			
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Surface sowing - 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 sowing - counting		ISO 4833-2:2013/2015	
			Depth sowing - count	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 seeding - detection;	Listeria monocytogenes	ISO 11290-1:2017/2021	
			deep seeding - to reveal count	Sulfite-reducing clostridium	ISO 15213:2003/2013	
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	



			Surface sowing - detection	Bacteria of the genus Proteus -			
			titration method	Determination of table salt	standard9957-2015		
4	0207	bird  , 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 sowing- counting		ISO 4833-2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Horizontal method of detection, enumeration and serotyping.	Salmonella typhimurium; Salmonella enteritidis	ISO 6579-3:2014/2015		
			surface seeding - detection;v	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 11290-1:2017/2019		
6	1601	Sausage products made of poultry meat, culinary products	Microbiological indicators:				
			Titration method	Determination of table salt	standard9957-2015		
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015		
			Surface sowing-counting		ISO 4833-2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			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		
7	0407	Egg and its processing products (egg, melange)	Microbiological indicators:				



		Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015	
		Surface sowing- counting			
		Depth sowing - count	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	
		Deep seeding - detection, counting	Enterobacteriaceae	ISO 21528-2:2017/2021	
		(for dry egg products)	Surface sowing - detection	Bacteria of the genus Proteus -	standard 28560-90
		(for dry egg products)	surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021
		Fish live, chilled, frozen, minced, fillet, semi-finished products	Microbiological indicators:		
			surface seeding - detection;	Shigella spp	ISO 21567:2004/2014



8	0302	Canned fish and preserves	Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015			
			Surface sowing-counting					
			Depth sowing - count	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 seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021			
			Microbiological indicators:					
			Surface seeding - detection;	Shigella spp	ISO 21567:2004/2014			
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015			
			Surface sowing-counting					
			Depth sowing - count	Coliform bacteria	ISO 4832:2009			
			surface seeding - detection;	Salmonella spp.	ISO 6579-1:2017/2019			



9	1604	Fish, dried, sun-cured, smoked, salted, marinated and other prepared fish products	Surface and deep 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		
			deep seeding - to reveal count	Sulfite-reducing clostridium	ISO 15213:2003/2013		
				Microbiological indicators:			
			Depth seeding - counting Surface sowing - counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015 ISO 4833 2:2013/2015		
			Depth sowing - count	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 seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Listeria monocytogenes	ISO 11290-1:2017/2021		



1	0305	(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 - to reveal count	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 sowing-counting		ISO 4833-2:2013/2015		
			Depth sowing - count	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; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		



			Surface and deep seeding - detection, counting	Mold and yeast fungi	ISO 21527-1:2008/2014		
			deep seeding - detection; counting	Sulfite-reducing clostridium	ISO 15213:2003/2013		
12	0306, 0307, 0308	Marine invertebrates crabs, krill, mussels  (mussel, snail, scallop, live and raised in the sun)	Microbiological indicators:				
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface sowing-counting		ISO 4833-2:2013/2015		
			Depth sowing - count	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 seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			deep seeding - to reveal count	Sulfite-reducing clostridium	ISO 15213:2003/2013		
			Surface sowing - detection	Listeria monocytogenes	ISO 11290-1:2017/2021		





13	0403	Milk - raw, cream - raw, pasteurized, sterilized and boiled milk, sour cream, lactic acid drinks  raw milk	Microbiological indicators:			
	0401		Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface sowing-counting		ISO 4833-2:2013/2015	
			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	
			Keldahl's method	protein	standard 23327-98	
			Butyrometric method	fat	standard 5867-90	
			Computational method	hydrocarbon	4237-86	
			Gravimetric method	Moisture and dry matter	standard 3626-73	
			titration method	A massive portion of table salt	standard 3627-81	
			titration method	acidity	standard 3624-92	
	Computational method	energy cost	Order #301, dated 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11			



			Gravimetric method	ash	945:46		
14	0401	Milk, cream (pasteurized)					
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015		
			Surface sowing- counting				
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			deep seeding - to reveal count	Enterobacteriaceae	ISO 21528-2:2017/2021		
			Surface sowing - detection	Listeria monocytogenes	ISO 11290-1:2017/2021		
		Pasteurized milk (enterobacteria)	deep seeding - to reveal count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
		Cream (beta - glucuronidase positive E.coli - qualitative and quantitative					
15	0403	Lactic drinks, sour cream	Microbiological indicators:				
			Depth sowing - count	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 seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Surface sowing - detection	Listeria monocytogenes	ISO 11290-1:2017/2021	
16	0406	Cottage cheese and cottage cheese products	Microbiological indicators:			
			Depth sowing - count	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 seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			titration method	Determination of table salt	standard. 3627-81	
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 ISO 4833-2:2013/2015
			Surface sowing-counting		
		Dry milk and whey powder (enterobacteria)	Depth sowing - count	Coliform bacteria	ISO 4832:2009
			deep seeding - to reveal count	Enterobacteriaceae	ISO 21528-2:2017/2021
		Dry milk and whey powder (dry whey) coagulase positive staphylococci	Surface sowing - detection	Shigella spp	ISO 21567:2004/2014
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021
			deep seeding - to reveal count	Enterobacteriaceae	ISO 21528-2:2017/2021
18	0406	The cheese is cut and melted	Microbiological indicators:		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014



			Depth sowing - count	Coliform bacteria	ISO 4832:2009	
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019	
			Keldahl's method	protein	standard 23327-98	
			Butyrometric method	fat	standard 5867-90	
			Computational method	Saliva	4237-86	
			Gravimetric method	Moisture and dry matter	standard 3626-73	
			titration method	acidity	standard 3624-92	
			titration method	A massive portion of table salt	standard 3627-81	
			Gravimetric method	ash	935:42	
			Computational method	energy cost	Order #301, dated 2.3.1.000-00. Appendix #5, XII, paragraphs 10-11	
			Surface and deep seeding - detection, counting	Mold and yeast fungi	ISO 21527-1:2008/2014	
			Surface sowing - detection	Listeria monocytogenes	ISO 11290-1:2017/2021	
			deep seeding - to reveal count Cheese that has undergone heat treatment and is	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	



			made from milk or milk whey			
			titration method	Determination of table salt	standard 3627-81	
		(melted)	Depth seeding-counting Surface sowing-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/20 ISO 4833-2:2013/2015	
		(cut) (raw)	surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
				Coagulase positive staphylococci (S.aureus)	ISO 6888-2:2021/2022	
19	2105	ice cream	Microbiological indicators:			
			Depth seeding-counting Surface sowing-counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015 ISO 4833 -2:2013/2015	
			Depth sowing - count	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	



20	0405, 1501	lard, poultry	surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			surface seeding - detection; count	Shigella spp	ISO 21567:2004/2014		
			deep seeding - to reveal count	Enterobacteriaceae	ISO 21528-2:2017/2021		
			Microbiological indicators:				
		Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015 ISO 4833-2:2013/2015			
		Surface sowing- counting					
		Depth sowing - count	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			
		deep seeding - to reveal count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015			
surface seeding - detection; count	Shigella spp	ISO 21567:2004/2014					
		Butter (beta-glucuronidase positive E.coli - qualitative and quantitative					



21	1517	Vegetable oil processing products (margarines, cooking fats, mayonnaise)	Microbiological indicators:			
			Depth sowing - count	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:			
			Sowing method	Salmonella spp. Qualitative	ISO 6579-1:2017/2019	
23	1704,180 6	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 sowing-counting		ISO 4833 2:2013/2015	
			Depth sowing - count	Coliform bacteria	ISO 4832:2009	
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019	





			Surface and deep seeding - detection, counting	Mold and yeast fungi	ISO 21527-2:2008-2012		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
24	1801	cocoa powder	<b>Microbiological indicators:</b>				
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface sowing-counting		ISO 4833-2:2013/2015		
			Depth sowing - count	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 and deep seeding - detection, counting	Mold and yeast fungi	ISO 21527-2:2008-2012		
25	1106	Flour confectionery	<b>Microbiological indicators:</b>				
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface sowing-counting		ISO 4833-2:2013/2015		



			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface and deep seeding - detection, counting	Mold and yeast fungi	ISO 21527-2:2008-2012		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			Surface sowing - 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 sowing-counting		ISO 4833-2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Sowing method	Mold and yeast fungi	ISO 21527-1:2008/2014		



			Surface sowing - detection	Listeria monocytogenes	ISO 11290-1:2017/2021		
			Ionometric method	Nitrate	Instruction of GOST 29270-95 ionometer Eekspert-001		
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 ISO 4833 2:2013/2015		
			Surface sowing-counting				
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
		Chopped fruits and vegetables (beta-glucuronidase positive E.coli - qualitative and quantitative, salmonella)	deep seeding - to reveal count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
			Surface and deep seeding - detection, counting	Mold and yeast fungi	ISO 21527-1:2008/2014		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		



			Ionometric method	Nitrate	Instruction of GOST 29270-95 ionometer Eekspert-001		
28	0712, 0813	Dried vegetables, potatoes, fruits, berries, mushrooms	Microbiological indicators:				
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833 1:2013/2015		
			Surface sowing- counting		ISO 4833 2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface and deep seeding - detection, counting	mold fungi	ISO 21527-2:2008-2012		
			29	0904, 0907, 0908, 0909, 0910	spices and seasonings	Microbiological indicators:	
Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015					
Surface sowing- counting		ISO 4833-2:2013/2015					
Depth sowing - count	Coliform bacteria	ISO 4832:2009					



			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface and deep seeding - detection, counting	mold fungi	ISO 21527-2:2008-2012		
		(made to use)	deep seeding - to reveal count	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 sowing- counting	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		
			Microbiological indicators:				
32	0901	coffee	Microbiological indicators:				
			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 sowing - count	Coliform bacteria	ISO 4832:2009		
			deep seeding - to reveal count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Bacteria of the genus Proteus	standard 28560-90		
			Surface sowing - detection	Listeria monocytogenes	ISO 11290-1:2017/2021		
34							



1602, 1604	Salads with meat, poultry, fish, shrimp, etc. additionally	Microbiological indicators:			
		Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
		Surface sowing- counting		ISO 4833-2:2013/2015	
		Depth sowing - count	Coliform bacteria	ISO 4832:2009	
		deep seeding - to reveal count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	
		surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1;2021/2021	
		Surface sowing - detection	Bacteria of the genus Proteus	standard 28560-90	
		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	
35	2104	Cold soup dishes	Microbiological indicators:		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009



			deep seeding - to reveal count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Bacteria of the genus Proteus	standard 28560-90		
			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		
36	2104	Hot soup 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 sowing - count	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; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
37		Egg 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 sowing - count	Coliform bacteria	ISO 4832:2009		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Bacteria of the genus Proteus	standard 28560-90		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			surface seeding - detection; count	Salmonella spp.	ISO 6579-1:2017/2019		
38		Dishes with cottage cheese					



			<b>Microbiological indicators:</b>			
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833- 1:2013/2015	
			Surface sowing-counting		ISO 4833- 2:2013/2015	
			Depth sowing - count	Coliform bacteria	ISO 4832:2009	
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021	
			Surface sowing - detection	Bacteria of the genus Proteus	Gost 28560-90	
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014	
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019	
39	1604	Fish dishes	<b>Microbiological indicators:</b>			
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
			Surface sowing-counting		ISO 4833-2:2013/2015	
			Depth sowing - count	Coliform bacteria	ISO 4832:2009	



			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Bacteria of the genus Proteus	Gost 28560-90		
			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 11290-1:2017/2-21		
40	1602	Dishes of meat and meat products	Microbiological indicators:				
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface sowing- counting		ISO 4833-2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Bacteria of the genus Proteus	standard 28560-90		



			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		
41	1602	dishes of poultry, wild birds, Botzvari	Microbiological indicators:				
			Depth seeding-counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface sowing-counting		ISO 4833-2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Bacteria of the genus Proteus	standard 28560-90		
			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		
42		Garnishes	Microbiological indicators:				
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		
			Surface sowing- counting		ISO 4833-2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			deep seeding - to reveal count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Bacteria of the genus Proteus	standard28560-90		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
43	2104	Baby food (adapted milk mixtures - dry, skimmed, lactic acid)	Microbiological indicators::				
			Depth seeding- counting	Total number of aerobic microorganisms	ISO 4833-1:2013/2015		



			Surface sowing- counting		ISO 4833-2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			deep seeding - to reveal count	Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		
			Surface and deep 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		
			Surface sowing- counting		ISO 4833-2:2013/2015		
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			surface seeding - detection; count	Coagulase positive staphylococci (S.aureus)	ISO 6888-1:2021/2021		
			Surface sowing - detection	Salmonella spp.	ISO 6579-1:2017/2019		



			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
			Surface and deep 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	deep seeding - to reveal count	Enterobacteriaceae	ISO 21528-2:2017/2021		
45	1213, 1214, 2301, 2302, 2303, 2304, 2305, 2306	animal food	Microbiological indicators:				
			Depth sowing - count	Coliform bacteria	ISO 4832:2009		
			surface seeding - detection; count	Salmonella spp.	ISO 6579-1:2017/2019		
			deep seeding - to reveal count	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		
			Surface sowing - detection	Shigella spp	ISO 21567:2004/2014		
46	2201	Drinking water (centralized, non-centralized, packaged)	Microbiological indicators:				
			Depth sowing - count	Mesophilic aerobic and facultative anaerobic	ISO 6222:2008		



				microorganisms at 37°C and 22°C			
			Membrane filtration-counting;	E. coli Coliform bacteria	ISO 9308-1:2014/2014		
			Surface sowing - detection	Salmonella spp.	ISO 19250-2010/2013		
			Surface sowing - detection	Shigella spp	EPA Standard Methods For the Examination of Water and Wastewater - 9260 INTRODUCTION TO DETECTING PATHOGENIC BACTERIA - 9260 E. Shigella - Published Online: August 27, 2018 Revised: March 31, 2022		
		(for bottled water only)	Membrane filtration-counting;	Pseudomonas aeruginosa - qualitative and quantitative	ISO 16266:2007		
			Membrane filtration-counting;	Enterococci	ISO 7899-2:2007		
47		Prepared foods in which Listeria monocytogenes can grow, except for infant formula and food for special medical purposes	<b>Microbiological indicators:</b>				
			surface seeding - detection; count	Listeria monocytogenes	ISO 11290-2:2017/2017		
48		Ready-to-eat foods in which Listeria monocytogenesis does not occur, except	<b>Microbiological indicators:</b>				
			Ready-to-eat foods in which Listeria	Listeria monocytogenes	ISO 11290-2:2017/2017		





		for infant feedin Food for special medical purposes	monocytogenesis does not occur, except for infant feeding			
49		Wash-off (from food production inventory, equipment, production lines, packaging material for temporary and permanent storage	Microbiological indicators:			
			Sowing method	Listeria monocytogenes	ISO 11290-1:2017/2021	
				Salmonella spp.	ISO 6579-1:2017/2019	
				Total number of aerobic microorganisms	ISO 4833-1:2013/2015	
				Coliform bacteria	ISO 4832:2009	
				Coagulase positive staphylococci	ISO 6888-1:2021/2021	
				(S.aureus)Shigella spp	ISO 21567:2004/2014	
				Enterobacteriaceae	ISO 21528-2:2017/2021	
				Beta-glucuronidase positive E.coli	ISO 16649-2:2001/2015	
50		Honey				
			Qualitative reaction	Hydroxymethylfurfural	Standard 31768-2012	