



APPROVED BY ORDER

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RA.RU.21ПА05

Scope of Accreditation of the Testing Laboratory
of the Federal State Budgetary Institution Sverdlovsk Reference Center of the Federal Service for
Veterinary and Phytosanitary Surveillance

RA.RU.21ПА05

15 b, Mostovaya St., Ekaterinburg, Sverdlovsk Region, 620016

address of place of economic activity

Item No.	Documents Establishing the Rules and Methods of Research (Tests) and Measurements	Item Description	Code per OKPD (Russian Classification of Products by Economic Activity) 2	Code per EAEU CN of FEA (EAEU Commodity Nomenclature of Foreign Economic Activity) 5	Characteristic (Parameter) to Be Defined 6	Range of Evaluation 7
15 b, Mostovaya St., Ekaterinburg, Sverdlovsk Region, 620016						
1	GOST 29301	Meat and meat-containing products (sausage products, meat products, semi-finished products, ready-to-serve foods, canned foods) that do not contain additives other than starch, which lead to decrease in glucose during hydrolysis	10.13; 10.11; 10.12; 10.86.10.600;	0201–0210; 1501–1502; 1601–1602; 2106;	Mass fraction of starch / mass fraction of starch as percentage of the product weight	(0.1–30.0)%
2	GOST ISO 1841-2	Meat and meat products, including poultry meat and products therefrom, with a mass fraction of sodium chloride equal to or exceeding 0.25%			Content of chlorides / mass fraction of sodium chloride	(0.25–15.0)%
3	GOST 32008-2012	Meat, meat and meat-containing products			Mass fraction of nitrogen / mass fraction of nitrogen as percentage of the product weight / mass fraction of protein	(0.1–40.0)%

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4	GOST 31727	All types of meat, including poultry meat and meat products	10.13; 10.11; 10.12; 10.86.10.600;	0201–0210; 1501–1502; 1601–1602; 2106;	Mass fraction of total ash	(0–20)%
5	GOST 33426	All types of meat, including poultry meat, meat and meat-containing products			Lead	(0.001–10.0) mg/kg
					Cadmium	(0.001–10.0) mg/kg
6	GOST R 51478	Meat, including poultry meat and meat products			Hydrogen ion concentration (pH) / pH	(4.00–6.88) pH units
7	GOST 23392 para. 6.1 (chemical method)	Meat of all types of meat-producing animals and by-products (excluding liver, brain, lungs, spleen and kidneys)			Volatile fatty acids / VFA	(0.3–20.0) mg KOH in 25 g of sample
8	GOST 23392 para. 6.2 (chemical method)				Primary protein breakdown products (freshness analysis) / freshness	Fresh; Suspected; Stale
9	Rules for veterinary inspection of meat-producing animals and veterinary and sanitary inspection of meat and meat products. (Veterinary and Sanitary Rules dated 27/12/1983) Appendix 1, clause 1 (qualitative reaction)	Meat and meat products			Reaction with cupric sulphate	Clear broth; broth with flake formation (broth turbidity); broth with deposited jelly-like clot of moderately blue (greenish) color
10	Rules for veterinary inspection of meat-producing animals and veterinary and sanitary inspection of meat and meat products. (Veterinary and Sanitary Rules dated 27/12/1983) Appendix 1, clause 3	Meat and meat products	10.13; 10.11; 10.12; 10.86.10.600;	0201–0210; 1501–1502; 1601–1602; 2106;	Reaction with formalin (formol reaction)	Transparent filtrate; slightly turbid filtrate; filtrate in the form of a dense clot; flake filtrate
11	Rules for veterinary inspection of meat-producing	Meat and meat products	10.13; 10.11;	0201–0210; 1501–1502;	Reaction to peroxidase	Positive reaction;

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	animals and veterinary and sanitary inspection of meat and meat products. (Veterinary and Sanitary Rules dated 27/12/1983) Appendix 1, clause 4		10.12; 10.86.10.600;	1601–1602; 2106;		Negative reaction
12	GOST 54667 para. 6 (iodometric method)	Milk products whose formulation includes sucrose	10.51; 10.52.10;	0401–0404; 0406; 0410;	Mass fraction of sucrose (in product)	(1.0–50.0)%
13	GOST 54667 para. 7 (Bertrand's method)	Milk products containing fruit and berry fillers, fruit in syrup, invert sugar and other sugars and sweeteners	10.86; 01.41.2; 10.86.10.100;		Mass fraction of sucrose (in product) / mass fraction of total sugar in terms of invert sugar	(2.0–50.0)%
14	GOST 54667 para. 9 (accelerated ferricyanide method)	Fermented milk products with fruit and berry fillers	10.51; 10.52.10; 10.86;	0401–0404; 0406; 0410;	Mass fraction of total sugar	(2.0–50.0)%
15	GOST 31981-2013 para. 7.9 (computational method)	Yoghurts made from cow milk and (or) milk products for direct consumption packaged in consumer packages	01.41.2; 10.86.10.100;		Mass fraction of milk solids-not-fat (MSNF)	(0.1–25.0)%
16	GOST 12536 para. 4.2 (sieve method)	Dispersed sandy and clayey soils, excluding peat and rocky soils	-	-	Content of each fraction in soil (grain size distribution):	
					- soil grain of more than 10 mm;	(0.1–99.9)%
					- soil grain of 10–5 mm;	(0.1–99.9)%
					- soil grain of 5–2 mm;	(0.1–99.9)%
					- soil grain of 2–1 mm;	(0.1–99.9)%
					- soil grain of 1–0.5 mm;	(0.1–99.9)%
					- soil grain of 0.5–0.25 mm;	(0.1–99.9)%
					- soil grain of 0.25–0.1 mm;	(0.1–99.9)%
					- soil grain of less than 0.1 mm;	(0.1–99.9)%

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17	GOST 12536 para. 4.3 (areometric method)	Dispersed sandy and clayey soils, excluding peat and rocky soils	-	-	Content of each fraction in soil (grain size distribution):	
					- soil grain of 0.1–0.05 mm;	(0.1–99.9)%
					- soil grain of 0.05–0.01 mm;	(0.1–99.9)%
					- soil grain of 0.01–0.002 mm;	(0.1–99.9)%
					- soil grain of less than 0.002 mm;	(0.1–99.9)%
18	GOST 26488	Soils, overburden and enclosing rock	-	-	Mass fraction of nitrate nitrogen (nitrate nitrogen) / nitrate nitrogen / nitrates	(0.1–30) mg/kg (mln ⁻¹) (0.1–300) mg/kg (mln ⁻¹) when diluted
19	GOST R 58596 p. 7.1 (titration method)	Soils of natural and disturbed structure, overburden and enclosing rock	-	-	Total nitrogen	(0.1–25)%
20	GOST R 58594	Soils, overburden and enclosing rock	-	-	Exchange acidity	(0.01–10) mmol in 100 g of soil
21	GOST 26210 (Maslova's method)	Sod-podzolic, grey forest, chernozem, red soils and other soils, overburden and enclosing rock	-	-	Mass fraction of K ₂ O / exchangeable potassium	(0.1–400) mg/kg (mln ⁻¹)
22	GOST 5180 para. 5 (method of drying to constant weight)	Dispersed sandy and clayey soils, excluding very coarse soil	-	-	Soil moisture	(0.2–80.0)%
23	GOST 26424	Soil	-	-	Number of equivalents of carbonate ion / mass fraction of carbonate ion	(0.02–10) mmol in 100 g (0.0006–0.3)%
					Number of equivalents of bicarbonate ion / mass fraction of bicarbonate ion	(0.01–10) mmol in 100 g (0.00061–0.61)%
24	GOST 31774	Honey	01.49.21	0409	Mass fraction of water	(13.0–25.0)%
25	GOST 32167 para. 6 (colorimetric method)	Honey	01.49.21	0409	Mass fraction of reducing sugars (before inversion / after inversion) (on an anhydrous substance basis)	(63.00–100.00)%

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					Mass fraction of total sugars after inversion (on an anhydrous substance basis)	(70.00–96.00)%
					Mass fraction of sucrose (on an anhydrous substance basis)	(1.00–26.00) %
26	GOST 34232 para. 7; 8	Honey	01.49.21	0409	Diastatic number (in terms of 1 g of anhydrous substance)	(3.0–40.0) Gothe units
					Diastatic number	(0–40.0) Schade units
27	GOST 34232 para. 10	Honey	01.49.21	0409	Mass fraction of insoluble matter	(0–0.500)%
28	GOST 31768 para. 3.2 (White's method)	Honey	01.49.21	0409	Content of hydroxymethylfurfural (GMF) / Mass fraction of hydroxymethylfurfural (GMF) / Hydroxymethylfurfural (GMF)	(1.0–85.0) mg/kg
29	GOST 31768 para. 3.4 (qualitative reaction of Selivanov-Fige)	Honey	01.49.21	0409	Mass fraction of hydroxymethylfurfural (GMF) / Hydroxymethylfurfural (GMF)	negative reaction – (no more than 25.0 mg/kg); positive reaction – (not less than 25.0 mg/kg)
30	GOST 32169	Honey	01.49.21	0409	Hydrogen ion concentration	(3.56–9.18) pH units
31	GOST 19792 para. 7.2	Honey	01.49.21	0409	Sample preparation	-
32	GOST 31766 para. 6.3	Monofloral honeys produced by honeybees from the nectar of flowers of plants of a predominantly specific species	01.49.21	0409	Hydrogen ion concentration (pH) of an aqueous solution of honey of mass fraction 10% / hydrogen ion concentration (pH) / pH	(1.65–9.18) pH units
33	GOST 31766 para. 6.5	Monofloral honeys produced by honeybees from the nectar of flowers of plants of a predominantly specific species	01.49.21	0409	Mass fraction of ash	(0.05–4.00)%
34	GOST 32483	Beekeeping products (honey, pollen,	01.49.21; 01.49.24;	0409; 0410;	Mass fraction of ash	(0.05–4.00)%

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		royal jelly, propolis, bee bread)				
35	MU A-1/054 Procedural guidelines for determination of pesticides in honey by gas-liquid chromatography with mass spectrometric detection	Honey	01.49.21	0409	Mass fraction of pesticides: - Thiamethoxam - Amitraz - Acetamiprid - Coumaphos - t-Fluvalinate - Thiacloprid	(0.005–1.0) mg/kg (mln ⁻¹) (0.005–1.0) mg/kg (mln ⁻¹)
36	GOST 32689.1	Food products of plant origin	10.31; 10.32; 10.39, 10.82.24;	0710–0713; 0811–0813; 2001–2009; 2106;	Sample preparation for determination of pesticides	-
37	GOST 32689.2 (methods L, M)	Food products of plant origin			Sample preparation for determination of pesticides	-
38	GOST 32689.3	Food products of plant origin			Sample preparation for determination of pesticides	-
39	GOST 34533	Food products and alimentary raw materials – milk, milk products, eggs, whole egg powder, egg melange, meat and meat products (all types of animals), poultry meat and poultry meat products, honey, fish, seafood	10.11; 10.12; 10.13; 10.20; 10.5; 10.86; 10.13; 01.47; 01.41.2;	0401–0410; 1601–1605; 0201–0210; 0301–0308; 2106;	Amphenicols: Chloramphenicol (laevomycetin) Florfenicol amine Florfenicol	(0.2–1000) mkg/kg (0.0002–1) mg/kg (1.0–1000) mkg/kg (0.001–1) mg/kg (1.0–1000) mkg/kg (0.001–1) mg/kg
40	No. K961 Measurement procedure for mass fraction of microbial transglutaminase in food samples, method of enzyme-linked immunosorbent assay with the use of MTG-	Food products including slaughter products and meat products; alimentary fish products produced from harvests of marine living resources and aquaculture objects of animal origin, in processed form; milk products	10.89; 03.21; 03.22; 01.49.21;		Mass fraction of microbial transglutaminase / transglutaminase / microbial transglutaminase (mTG)	Negative / positive presence / absence

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	IFA reagent kit manufactured by KHEMA, LLC (FR. 1.31.2019.33721) Qualitation procedure				
41	MU A-1/032 Procedural guidelines for determination of insectoacaricides in products of animal origin	Products of animal origin			Mass fraction of pesticides: - Fipronil (0.005–0.1) mg/kg - Beta-cyfluthrin (0.005–0.1) mg/kg - Propoxur (0.005–0.1) mg/kg - Esfenvalerate (0.005–0.1) mg/kg - Malathion (0.005–0.1) mg/kg - Chlorpyrifos-methyl (0.005–0.1) mg/kg - Fenvalerate (0.01–1.0) mg/kg - Biphenthrin (0.01–1.0) mg/kg - Deltamethrin (0.01–1.0) mg/kg - Cypermethrin (0.01–1.0) mg/kg - Lambda-cyhalothrin (0.01–5.0) mg/kg - Carbaryl (0.01–5.0) mg/kg - Permethrin (0.01–5.0) mg/kg
42	GOST 34592 (GC-MS method)	Food products and alimentary raw materials (meat and by-products of all types of animals, poultry meat and poultry by-products, milk, honey)			Mass fraction of pesticides: - Fipronil (5–100) mkg/kg (0.005–0.1) mg/kg - Beta-cyfluthrin (5–100) mkg/kg (0.005–0.1) mg/kg - Propoxur (5–100) mkg/kg (0.005–0.1) mg/kg - Esfenvalerate (5–100) mkg/kg (0.005–0.1) mg/kg - Malathion (5–100) mkg/kg (0.005–0.1) mg/kg - Chlorpyrifos-methyl (5–100) mkg/kg (0.005–0.1) mg/kg - Fenvalerate (10–1000) mkg/kg (0.010–1) mg/kg - Biphenthrin (10–1000) mkg/kg (0.010–1) mg/kg

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					- Deltamethrin (10–1000) mkg/kg (0.010–1) mg/kg
					- Cypermethrin (10–1000) mkg/kg (0.010–1) mg/kg
					- Lambda-cyhalothrin (10–5000) mkg/kg (0.010–5) mg/kg
					- Carbaryl (10–5000) mkg/kg (0.010–5) mg/kg
					- Permethrin (10–5000) mkg/kg (0.010–5) mg/kg
43	GOST 34178 (Annex B)	Spread and rendered mixtures, products with mixed fat composition (fat phase of spread, rendered mixture, milk and milk products)	10.42; 10.51.30	2106; 0410;	Mass fraction of milk fat (in product fat phase) (3.0–85.0)%
44	GOST 34108	Feedstuff, compound feed and feed raw materials, excluding products of mineral origin and organic synthesis	10.91; 10.92; 01.11; 10.39.3; 10.61.4; 01.19.1; 10.41.4; 10.13.16; 10.20.4;	1213–1214; 2301–2309;	Desoxynivalenol (DON) (0.250–5.000) mg/kg (mln ⁻¹)
45	GOST 32122	Vegetable oils	10.41; 10.51.3; 10.41.2; 10.41.5; 10.41.6;	1507–1518;	DDT and its metabolites Mass fraction of organochlorine pesticides: - DDT-4,4'- dichlorodiphenyltrichloroethane, DDE-4,4'- dichlorodiphenyldichloroethylene, DDD-4,4'- dichlorodiphenyldichloroethane (0.001–0.2) mg/kg
					- α -, β -, γ -isomers of HCCH (hexachlorocyclohexane) / HCCH and its isomers (0.001–0.2) mg/kg
46	GOST 30089	Vegetable oils			Mass fraction of erucic acid (0.1–70.0)%
47	GOST R 57849	Beekeeping products	01.49.21; 01.49.24;	0409; 0410;	Sample preparation -

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48	GOST 34570	Fresh fruit, vegetables and products of processing thereof, excluding cruciferous vegetables, salted and pickled vegetables, salted and soaked fruit	10.31; 10.32; 10.39; 10.82.24	0710–0713; 0811–0813; 2001–2009; 2106	Mass fraction of nitrates / nitrates	(30–5000) mg/kg (mln ⁻¹) (with disregard for sample dilution)

Bound, numbered and sealed 9 sheets

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INN (Taxpayer's Identification Number) 7736638268 KPP (Tax Registration Reason Code) 770301001

The accreditation scope has been signed by the accredited person and expert group members with electronic digital signatures.