

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-17414-01-00
according to ISO/IEC 17025:2017

Period of validity: 21.08.2020 to 25.09.2022 Date of issue: 21.08.2020

Holder of certificate:

**Federal State Budgetary Institution
Krasnodar Interregional Veterinary Laboratory
Kalinina 15, 350004 Krasnodar
Russian Federation**

Tests in the fields:

**physical, physico-chemical, chemical and microbiological analysis of food, feed and drinking water;
molecularbiological analysis of GMP in food and samples from surrounding environment;
immunological analysis food and feed;
radiological analysis in foodstuffs**

Abbreviations used: see last page

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates. The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

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1 Physical, physico-chemical and chemical analysis

1.1 Gas liquid chromatography

GOST 30349-96 Fruits, vegetables and derived products. Methods for determination of organochlorine pesticide residues.

1.2 Atomic absorption method

GOST R 53101-2008 Medical remedies for veterinary use, feed and feed additives. Detection of mass fraction of arsenic by atomic absorption spectrometric method

GOST R 54639-2011 Foodstuffs and animal feeding stuffs. Determination of mercury by Zeeman atomic absorption spectrometry

1.3 Atomic issue with the inductive connected argon plasma

GOST R ISO 27085-2012 Animal feeding stuffs. Determination of calcium, phosphorus, zinc, copper, lead and cadmium by ICP-AES

MUK 4.1.1482-03 Determination of content of chemical elements in the diagnosed biosubstrata, polyvitaminic medicines with minerals, in dietary supplements to food and in raw materials for their production by method of atomic issue spectrometry with inductively connected argon plasma

GOST 31870-2012 Drinking water. Determination of elements content by atomic spectrometry methods

1.4 High-performance liquid chromatography

GOST 31768-2012 Natural honey. Methods for determination of hydroxymethylfurfural

1.5 High-performance liquid chromatography with the mass spectrometer detector (HPLC/MS/MS)

GOST 31694-2012 Food products, food raw materials. Method of determination of the antibiotic residues of tetracycline group by High Performance Liquid Chromatography. Mass Spectrometry

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GOST 32014-2012 Food products, food raw materials. Method of determination of the nitrofuran mytobolites by high performance liquid chromatography - mass spectrometry (HPLC-MS)

2 Microbiological analysis

2.1 Microbiological method of the analysis of foodstuff and feeds

GOST 31659-2012 Food products. Method for the detection of Salmonella spp.
(ISO 6579: 2002)

GOST 32031-2012 Food products. Methods for detection of Listeria monocytogenes
(ISO 11290-1:1996)

GOST 31746-2012 Food products. Methods for detection and quantity determination of
(ISO 6888-1:1999 coagulase-positive staphylococci and Staphylococcus aureus
ISO 6888-2:1999
ISO 6888-3:2003)

GOST 7218-2015 p. 9,10. Microbiology of food and animal feed. General requirements and
guidance for microbiological examinations.

GOST R 51426-2016 Microbiology. Feedstuffs, compound feeds, feed raw materials.
(ISO 6887-1:1999) General guidance for the preparation of dilutions for microbiological
examination

GOST ISO/TS 22964 Milk and milk products. Detection of Enterobacter sakazakii.
2013

GOST 29185-2014 Microbiology of food and animal feeding stuffs. Methods for detection
(ISO 15213:2003) and enumeration of sulfitereducing bacteria growing under anaerobic
conditions.

GOST ISO 10273-2013 Microbiology of food and animal feeding stuffs. Horizontal method for
(ISO 10273:2003) the detection of presumptive pathogenic Yersinia enterocolitica

GOST ISO 6785-2015 Milk and milk products. Detection of Salmonella spp.

GOST 30347-2016 Milk and milk products. Methods for determination of the
Staphylococcus aureus.

GOST 32901-2014 Milk and milk products. Methods of microbiological analysis.

GOST R ISO 13720 Meat and meat products. Enumeration of presumptive Pseudomonas
2011 spp.

2.2 Microbiological method of the analysis of drinking water

GOST 31955.1-2013 (ISO 9308-1:2000)	Drinking water. Detection and enumeration of Escherichia coli and coliform bacteria. Part 1. Membrane filtration method
MUK 4.2.1018-01	Control methods. Biological and microbiological factors. Sanitary and microbiological analysis of drinking water.
MU 2.1.4.1184-03	«Drinking water. Hygienic requirements to quality of the water packaged in capacity. Quality control »
MUK 4.2.1884-04	Control methods. Biological and microbiological factors. Sanitary and microbiological and sanitary and parasitological water analysis of superficial water objects.

3 PCR method of definition of genetically modified organisms

GOST R 53214-2008 (ISO 24276:2006)	Foodstuffs. Methods of analysis for the detection of genetically modified organisms and derived products. General requirements and definitions
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4 Immuno-enzyme method of the analysis

MUK 5-1-14/1001	Methodical instructions by express definition of mycotoxins in grain, stems and components for their production
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5 Analysis of activity of radionuclide in foodstuff using spectrometer method

GOST 32161-2013 MR NPO VNIIFTRI 2003	The analysis of activity of Cs-137 in food with use of a scintillation spectrometer with the software "Progress"
GOST R 54040-2010 MR NPO VNIIFTRI 2003	The analysis of activity of Cs-137 in products of crop production and stems with use of a scintillation spectrometer with the software "Progress".
GOST 32163-2013 MR NPO VNIIFTRI 2004	The analysis of activity of Sr-90 in foodstuff by means of a scintillation spectrometer with the software "Progress".

Abbreviations used:

- ISO International Organization for Standardization
- IEC International Electrotechnical Commission
- GOST Gosudarstvennyy standart
- MU Methodical instructions. Federal Office for Inspectorate in the field of customers and human well-being protection
- MUK Methodological Instructions (Federal Register of Federal Service on a Supervision in the Field of Defence of Rights for Users and Prosperity of Man (Rospotrebnadzor) of Ministry of Public Health and Social Development of the Russian Federation)