NACIONALINIS
AKREDITACIJOS BIURAS

Lithuanian National Accreditation Bureau is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreement (for accreditation of testing, calibration, medical examinations, certification of products, persons and management systems and inspection) and International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (for accreditation in the fields of testing, calibration, medical examinations and inspection)

ACCREDITATION CERTIFICATE
No. LA.01.148

Lithuanian National Accreditation Bureau hereby certifies that

JSC INDEPENDENT TESTING LABORATORY

legal entity: UAB NEPRIKLAUSOMA TYRIMŲ LABORATORIJA
legal entity code: 110824551

complies with the requirements of

LST EN ISO/IEC 17025:2018

and is competent to perform:

physical-chemical and microbiological tests and sampling

The scope of accreditation below is an integral part of this certificate. Locations of the conformity assessment body are specified in the scope of accreditation

Initial accreditation date: **2015-09-29**

Certificate issued / valid since: **2025-08-06**
Version of: **2025-07-28**
Expiry date: **2030-08-05**

Deputy Director, acting as Director

TADAS JUODELIS

The certificate may be changed, its validity suspended or withdrawn by the decision of the National Accreditation Bureau. Information on the actual data of accreditation certificates may be verified at nab.lrv.lt

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Bandymai / tyrimai ISO/IEC 17025

SCOPE OF ACREDITATION
(flexible)*

JSC INDEPENDENT TESTING LABORATORY, accredited in accordance with **LST EN ISO/IEC 17025:2018**

Location of the conformity assessment body:

Sedos st. 35, LT-87101 Telšiai

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
		Sampling	
Waste	Sampling for physical-chemical tests	ISO 5667-10, except point 4.3.2	Manual and automatic
Surface water	Sampling for physical-chemical tests	LST EN ISO 5667-6, except point 8.2	Manual
Food products	Sampling for physical-chemical and microbiological tests	LST EN ISO 707	Manual
Environment samples	Sampling for microbiological studies	MI19LA, 5.1 point	Manual
		Microbiological tests	
Food chain samples	Number of coliforms	LST ISO 4832	Counting method. Pour plate technique
	Number of β- glucuronidase positive Escherichia coli	LST ISO 16649-2	
	Detection of coliforms Most probable number of coliforms	LST ISO 4831	Detection method. Principle of inoculation into a liquid medium. Counting method. The principle of the most probable number using a liquid medium
	Detection of enterobacteria (Enterobacteriaceae) Most probable number of enterobacteria (Enterobacteriaceae)	LST EN ISO 21528-1	Detection method. Principle of inoculation into a liquid medium.

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
			Counting method. The principle of the most probable number using a liquid medium
	Number of total microorganisms	LST EN ISO 4833-1	Counting method. Pour plate technique
	Number of enterobacteria (Enterobacteriaceae)	LST EN ISO 21528-2	
	Number of yeasts and moulds	LST ISO 6611	
	Number of yeasts and moulds	LST ISO 21527-2	Counting method. Principle of surface inoculation
Air	Number of total microorganisms Number of yeasts and moulds	MI19LA	Counting method. Principle of surface cultivation
Samples of environment surface	Number of yeasts and moulds	MI19LA	Counting method. Pour plate technique
Water	Number of culturable microorganisms	LST EN ISO 6222	Counting method. Pour plate technique
	Number of coliforms	LST EN ISO 9308-1	Counting method. Principle of membrane filtration
	Number of *Escherichia coli*	LST EN ISO 9308-1	
	Number of *Pseudomonas aeruginosa*	LST EN ISO 16266	
	Number of spores of sulfite – reducing anaerobes (clostridia)	LST EN 26461-2	
	Number of intestinal enterococci	LST EN ISO 7899-2	
	Physical-chemical tests		
Milk and dairy products	Active acidity (pH)	MI02LA	Potentiometry
	Nitrogen content Protein content	LST EN ISO 8968-1	Kjeldahl method and protein calculation
	Chloride content	LST EN ISO 5943	Potentiometric titration
	Fat content	LST EN ISO 23319	Gravimetry Schmid –Bondzynski-Ratzlaff principle
	Total solids content	LST EN ISO 5534	Gravimetry
	Fat and protein content	LST ISO 9622	Mid-infrared spectrophotometry
	Enumeration of somatic cells	LST EN ISO 13366-2	Flow cytometry
	Fat content	LST EN ISO 1211	Gravimetry, Röse - Gottlieb‘o principle
	Fat content	LST EN ISO 2450	
	Fat content	LST EN ISO 1736	

Materials or products tested	Component, parameter or characteristic to be tested	Reference number of the document specifying test methods, clause (if relevant)	Techniques, methods and/or equipment used (where appropriate)
	Fat content	LST EN ISO 7208	
	Moisture content	MA of LR 2008 03 14 order No. 3D-138, Annex 4	Gravimetry
Water	Permanganate index	LST EN ISO 8467	Titrimetry
	Color	LST EN ISO 7887, C method	Spectrophotometry, C method,
	Electrical conductivity	LST EN 27888	Conductometry
Water, waste water	pH	LST EN ISO 10523	Potentiometry
	Ammonium content Ammonium nitrogen content	LST ISO 7150-1	Spectrophotometry
	Nitrite content Nitrite nitrogen content	LST EN 26777	
	Nitrate content Nitrate nitrogen content	LST ISO 7890-3	
	Kjeldahl nitrogen content	MI11-1LA	Kjeldahl method
	Biochemical oxygen demand after n days (BODn) content	LST EN ISO 5815-1, except point 9.6.1 and annex A	Potentiometry
	Total phoshorus content	LST EN ISO 6878, chapter 7	Spectrophotometry
	Suspended solids content	LST EN 872	Gravimetry
	Chemical oxygen demand (COD) content	ISO 15705, except points 10.3 and 11.2	Photometry

* Two flexibilities have been identified and applied for the whole accreditation scope:
flexibility case 1 - application of the updated documents of test methods already covered by accreditation or superseding them or application of equivalent documents.
flexibility case 2 - application of the test method already covered by accreditation to the new test object/sample.

Actual accreditation scope is published on the website at www.ntlaboratorija.lt

Note. In case of any discrepancies, ambiguities or disputes regarding the subject matter content between the English and Lithuanian versions of the document, the Lithuanian version shall prevail.

The accreditation certificate is signed with a qualified electronic signature as an attachment to the order of the Director of the National Accreditation Bureau, by which it was approved