

## ACCREDITATION CERTIFICATE

### No. LA.01.148

Lithuanian National Accreditation Bureau hereby certifies that

complies with the requirements of

**JSC INDEPENDENT TESTING LABORATORY**

**LST EN ISO/IEC 17025:2018**

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

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

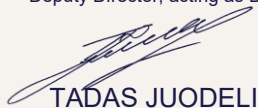
Initial accreditation date: **2015-09-29**

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The certificate may be changed, its validity suspended or withdrawn by the decision of the National Accreditation Bureau.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](http://nab.lrv.lt)





## 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)
<b>Sampling</b>			
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
<b>Microbiological tests</b>			
Food chain samples	Number of coliforms	LST ISO 4832	Counting method. Pour plate technique
	Number of $\beta$ -glucuronidase positive Escherichia coli	LST ISO 16649-2	
		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 coliforms Most probable number of coliforms		
	Detection of enterobacteria (Enterobacteriaceae) Most probable number of enterobacteria (Enterobacteriaceae)	LST EN ISO 21528-1	

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)
	Number of total microorganisms	LST EN ISO 4833-1	Counting method. The principle of the most probable number using a liquid medium
	Number of enterobacteria (Enterobacteriaceae)	LST EN ISO 21528-2	Counting method. Pour plate technique
	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	MI19LA	Counting method. Principle of surface cultivation
Samples of environment surface	Number of yeasts and moulds	MI19LA	Counting method. Pour plate technique
	Number of culturable microorganisms	LST EN ISO 6222	Counting method. Pour plate technique
	Number of coliforms	LST EN ISO 9308-1	
	Number of <i>Escherichia coli</i>	LST EN ISO 9308-1	
Water	Number of <i>Pseudomonas aeruginosa</i>	LST EN ISO 16266	Counting method. Principle of membrane filtration
	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	LST EN ISO 8968-1	Kjeldahl method and protein calculation
	Protein content		
	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	
	Fat content	LST EN ISO 2450	Gravimetry, Röse - Gottlieb'o principle
	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)
Water	Fat content	LST EN ISO 7208	Gravimetry
	Moisture content	MA of LR 2008 03 14 order No. 3D-138, Annex 4	
	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	LST ISO 7150-1	Spectrophotometry
	Ammonium nitrogen content		
	Nitrite content	LST EN 26777	
	Nitrite nitrogen content		
	Nitrate content	LST ISO 7890-3	
	Nitrate nitrogen content		
	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 phosphorus 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](http://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