LIETUVOS AKREDITACIJOS IR
STANDARTIZACIJOS AGENTŪRA

The Lithuanian Accreditation and Standardization Agency, the designated National accreditation body in Lithuania, is a signatory to the Multilateral Recognition Agreements of the European co-operation for Accreditation and the Global Accreditation Cooperation Incorporated for calibration, testing and medical laboratories, certification of persons, products and management systems, as well as inspection bodies.

ACCREDITATION CERTIFICATE
No. LA.176-01

National accreditation body hereby certifies that

JSC „Vandens tyrimai”

legal entity: UAB „Vandens tyrimai“
legal entity code: 300569809

complies with the requirements of

LST EN ISO/IEC 17025:2018

and is competent to perform this accredited activity:

chemical tests of water, waste water, field-moist soil, soil, sludge and treated biowaste

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: **2021-02-01**

Certificate issued / valid since: **2026-02-01**
Version of: **2026-01-19**
Expiry date: **2031-01-31**

Director of the Accreditation Department

TADAS JUODELIS

The certificate may be changed, its validity suspended or withdrawn by the decision of the National accreditation body.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

LIETUVOS AKREDITACIJA

Bandymai / tyrimai ISO/IEC 17025

SCOPE OF ACREDITATION

JSC „Vandens tyrimai”, accredited in accordance with **LST EN ISO/IEC 17025:2018**

Location of the conformity assessment body

Žirmūnų str. 106, LT-09121 Vilnius

Materials or products to be 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)
Drinking, ground, surface water, waste water	Lithium, ammonium, calcium, magnesium, potassium, sodium content	LST EN ISO 14911:2000	Ion chromatography (IC)
Drinking, ground, surface water, waste water	Chloride, fluoride, nitrate, nitrite, sulphate, orthophosphate, bromide content	LST EN ISO 10304-1:2009	Ion chromatography (IC)
Surface water, waste water	Chemical oxygen demand (COD)	ISO 15705:2002, except cl.10.3	Spectrophotometry
Drinking, ground, surface, pool water	Permanganate index	LST EN ISO 8467:2000	Titrimetry
Drinking, ground, surface, pool water, waste water	pH value	LST EN ISO 10523:2012	Potentiometry
Drinking, ground, surface water, waste water	Electrical conductivity	LST EN 27888:1999	Conductometry
Surface water, waste water	Hydrocarbon oil	LST EN ISO 9377-2:2002	Gas chromatography (GC)
Drinking, ground, surface, rain water, waste water	Mercury content	LST EN ISO 12846:2012, except cl. 6	Atomic absorption spectrometry (AAS)
Drinking, ground, surface, rain water, waste water	Content of aluminium, arsenic, chromium, zinc, antimony, cadmium, copper, lead, manganese, molybdenum, nickel, selenium, vanadium, cobalt	LST EN ISO 15586:2004	Atomic absorption spectrometry (AAS)

Materials or products to be 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)
Drinking, surface, ground water, waste water	Content of phthalates: dimethyl phthalate, diethyl phthalate, dipropyl phthalate, diisobutyl phthalate, dibutyl phthalate, dicyclohexyl phthalate, di(2-ethylhexyl) phthalate, butyl benzyl phthalate	LST EN ISO 18856:2005	Gas chromatography/ mass spectrometry (GC-MS)
Surface, ground water	Bromate content	SVP 7.2-1:2019	Spectrophotometry
Drinking, ground, surface water, waste water	Content of chloroform, bromodichloromethane, dibromochloromethane, bromoform, trichloroethene, tetrachloroethene, tetrachloromethane, 1,2-dichloroethane, benzene, toluene, ethyl benzene, o-, m-, p-xylene, 1,2,4-trimethylbenzene	ISO 20595:2018	Gas chromatography/ mass spectrometry (GC-MS)
Drinking, ground, surface water, waste water	Content of hexachlorobenzene, α-hexachlorocyclohexane, γ- hexachlorocyclohexane, β-exachlorocyclohexane, δ- hexachlorocyclohexane, heptachlor, aldrin, isodrin, trans-heptachlorepoxide(A), cis-heptachlorepoxide(B), dieldrin, endrin, 4,4‘-methoxychlor	LST EN ISO 6468:2000	Gas chromatography (GC) method
Surface, ground water, waste water	Suspended solids	LST EN 872:2005	Gravimetry
Drinking, ground, surface water	Iron (II), iron (total) content	SVP 7.2-3:2022	Spectrophotometry
Drinking, ground, surface water, waste water	Boron content	SVP 7.2-2:2022	Spectrophotometry
Drinking, ground, surface water, waste water	Orthophosphate content	LST EN ISO 6878:2004, cl.4	Spectrophotometry
Drinking, ground, surface water, waste water	Total phosphorus content	LST EN ISO 6878:2004, cl.7	Spectrophotometry
Drinking, ground, surface water, waste water	Total and composite alkalinity, hydrogen carbonate content	LST EN ISO 9963-1:1999, except cl. 8.2	Potentiometry (electrochemistry)
Drinking, ground, surface water, waste water	Biochemical oxygen demand (BOD)	LST EN ISO 5815-1:2019, except cl. 9.6.1	Potentiometry (electrochemistry)

Materials or products to be 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)
Drinking, ground, surface water	Colour	LST EN ISO 7887:2012, method C	Spectrophotometry
Drinking, ground, surface water	Turbidity	LST EN ISO 7027-1:2016, except cl. 5.4	Nephelometry
Surface, ground water, waste water	Naphthalene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, chrysene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene content	LST EN ISO 17993:2004	High performance liquid chromatography (HPLC)
Surface, ground water, sea water, waste water, leachates	Total bound nitrogen Total organic carbon	LST EN ISO 20236:2025	High temperature catalytic oxidative combustion, IR spectrometry and chemiluminescence
Surface, ground water, waste water	Content of benzene, toluene, ethyl benzene, o-, m-, p-xylene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene	US EPA 8015B:1996	Gas chromatography (GC)
Drinking, surface, ground water, waste water	Total and liberatable cyanide content	LST ISO 6703-1:1998, except cl. 3,4	Spectrophotometry
Surface, ground water, waste water	Bisphenol A, 4-n-octylphenol, 4-tert-octylphenol, 4-n-nonylphenol, nonylphenol content	SVP 7.2-4:2023	Liquid chromatography/ mass spectrometry (LC-MS)
Field-moist soil, soil	Hydrocarbon oil C10 – C40	ISO 16703:2004	Gas chromatography (GC)
Field-moist soil, soil, sludge, treated biowaste	Naphthalene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, chrysene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene content	ISO 13859:2014, except cl.8.2, 10.6	High performance liquid chromatography (HPLC)
Field-moist soil, soil	Content of arsenic	ISO 20280:2007, method A	Atomic absorption spectrometry (AAS)
Field-moist soil, soil	Mercury content	ISO 16772:2004, except cl. 5.3, 7.4.2	Atomic absorption spectrometry (AAS)

Materials or products to be 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)
Surface water, waste water	Phenol index	LST ISO 6439:1998, method A	Spectrophotometry
Drinking, surface water, waste water	Content of anionic surface-active substances (ASAS)	LST EN 903:2000	Spectrophotometry
Drinking water	Total organic carbon Dissolved organic carbon	LST EN 1484:2000	High temperature catalytic oxidative combustion, IR spectrometry and chemiluminescence
Drinking, ground, surface water, waste water	Perfluoro-n-butanoic acid, perfluoro-n-butanesulfonic acid, perfluoro-n-decanesulfonic acid, perfluoro-n-decanoic acid, perfluoro-n-dodecanoic acid, perfluoro-n-heptanesulfonic acid, perfluoro-n-heptanoic acid, perfluoro-n-hexanesulfonic acid, perfluoro-n-hexanoic acid, perfluoro-n-nonanesulfonic acid, perfluoro-n-nonanoic acid, perfluoro-n-octanesulfonic acid, perfluoro-n-octanoic acid, perfluoro-n-pentanoic acid, perfluoro-n-tridecanoic acid, perfluoro-n-undecanoic acid	ISO 21675:2019	Liquid chromatography/mass spectrometry (LC-MS)
Field-moist soil, soil	Content of cadmium, zinc, chromium, copper, lead, nickel	LST ISO 11047:2004 method B	Atomic absorption spectrometry (AAS)
Field-moist soil, soil	Vanadium content	US EPA 7010:2007	Atomic absorption spectrometry (AAS)

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 decision of the National accreditation body, by which it was approved