

ACCREDITATION CERTIFICATE

No. LA.01.165

National accreditation body hereby certifies that

complies with the requirements of

**Environmental research laboratory of JSC
“AV Consulting”**

LST EN ISO/IEC 17025:2018

legal entity: UAB "AV CONSULTING"
legal entity code: 300010061

and is competent to perform this accredited activity:

**sampling, physico-chemical testing of water, waste water and pollutants emitted to ambient air by
fixed sources, toxicity and noise tests**

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: **2016-11-04**

Certificate issued / valid since: **2025-05-27**

Version of: **2026-01-16**

Expiry date: **2026-11-02**

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The certificate may be changed, its validity suspended or withdrawn by the decision of the National accreditation body.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



Environmental research laboratory of JSC “AV Consulting”, accredited in accordance with LST EN ISO/IEC 17025:2018

Location of the conformity assessment body:

V. Druskio str. 2, LT-04303 Vilnius

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)
Sample collection			
Waste water	Sample collection for chemical and physical testing	ISO 5667-10:2020, except cl. 4.3.2	Manual
Surface water of rivers and streams	Sample collection for chemical and physical testing	LST EN ISO 5667-6:2017	Manual
Physico-chemical tests			
Surface water, ground water, waste water	Sulphate content	EPA METHOD 9038:1986	Turbidimetry
Surface water, ground water, waste water	Dissolved oxygen content	ISO 17289:2014	Optical sensor method
Surface water, waste water	Biochemical oxygen demand over n days (BOD _n)	LST EN ISO 5815-1:2019, except cl. 9.6.1 and Annex A ISO 5815-2:2003, except cl. 7.2.1	Potentiometry
Surface water, waste water	Kjeldahl nitrogen	LST EN 25663:2000, except cl.11	Titrimetry
Surface water, ground water, waste water	Nitrite/nitrite-nitrogen content	LST EN 26777:1999	Spectrophotometry
Surface water, waste water	Suspended (floating) solids	LST EN 872:2005	Gravimetry
Surface water, ground water, waste water	Anionic surfactants content	LST EN 903:2000, except cl.7.1	Spectrophotometry
Surface water, ground water, waste water	pH value	LST EN ISO 10523:2012	Potentiometry

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)
Surface water, waste water	Phosphate-phosphorus content	LST EN ISO 6878:2004, Section 4	Spectrophotometry
Surface water, waste water	Total phosphorus content	LST EN ISO 6878:2004, Section 7	Spectrophotometry
Surface water, ground water, waste water	Ammonium/ammonium-nitrogen content	LST ISO 7150-1:1998	Spectrophotometry
Surface water, ground water, waste water	Nitrate/nitrate-nitrogen content	LST ISO 7890-3:1998	Spectrophotometry
Surface water, ground water, waste water	Chloride content	LST ISO 9297:1998	Titrimetry
Surface water, ground water, waste water	Determination of chemical oxygen demand (COD _{Cr})	SVP-11/3-2025 (3 rd Edition, 2025-12-19)	Titrimetry
Pollutants emitted to ambient air by stationary sources of pollution	Low range mass concentration of dust and sampling	LST EN 13284-1:2018	Manual gravimetric method under isokinetic sampling conditions
Pollutants emitted to ambient air by stationary sources of pollution	Carbon monoxide (CO), nitrogen oxides,(NO and NO ₂), sulphur dioxide (SO ₂), oxygen (O ₂) temperature	SVP-2/5-2025 (5 th Edition, 2025-12-19)	Electrochemistry
Pollutants emitted to ambient air by stationary sources of pollution	Gas velocity, volume flowrate	LST ISO 10780:2003	Differential pressure measurement using a Pitot tube
Pollutants emitted to ambient air by stationary sources of pollution	Mass concentration of total gaseous organic carbon	LST EN 12619:2013	Continuous flame ionization detector method
Noise tests			
Environmental noise (road traffic, rail traffic, air traffic, industrial plants)	Equivalent continuous sound pressure level; Maximum sound pressure level; Sound exposure level; Percentage exceedance level; Day- evening-night sound pressure levels Lden, Ld, Le, Lnight,h Sound pressure levels in octave-band and one-third-octave-band	LST ISO 1996-1:2017 LST ISO 1996-2:2017	Sampled on-site sound pressure level measurements while monitoring the meteorological conditions
Toxicity tests			
Soluble chemicals or chemicals which can	Inhibition of motility in <i>Daphnia magna</i> Straus (<i>Cladocera</i> ,	LST EN ISO 6341:2013	Immobilized test organism's calculation

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)
be maintained as a stable suspension or dispersion, industrial or sewage effluents, treated or untreated waste water, aqueous extracts or leachates, freshwater (surface and ground water), eluate of freshwater sediment, pore water of fresh water sediment	<i>Crustacea</i>). Acute toxicity concentration		

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