



EA MLA Signatory
Český institut pro akreditaci, o.p.s.
(Czech Accreditation Institute)
Hájkova 2747/22, Žižkov, 130 00 Praha 3

issues

according to section 16 of Act No. 22/1997 Coll., on technical requirements for products and on changes and amendments to some Acts, as amended

CERTIFICATE OF ACCREDITATION

No. **99/2026**

Labwerk s.r.o.
with registered office Mlýnská 99, 798 27 Němčice nad Hanou
Company Registration No. 23604166

for the Testing Laboratory No. **1816**
LABWERK

Scope of accreditation:

Analytical and physicochemical analyses of water; ecotoxicological testing of water, eluates, soils, sludge, sediments, and waste, including sampling to the extent as specified in the appendix to this Certificate.

This Certificate of Accreditation is a proof of accreditation issued on the basis of assessment of fulfillment of the accreditation criteria in accordance with

ČSN EN ISO/IEC 17025:2018

In its activities performed within the scope and for the period of validity of this Certificate, the abovementioned Accredited Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the Accredited Body meets the specified accreditation requirements in accordance with the relevant regulations applicable to the activity of an accredited conformity assessment body.

The Certificate of Accreditation is valid until: **27/02/2029**

Prague: 27/02/2026



Signed in the Czech original:
Jan Velíšek on 27/02/2026

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Eliška Frycová

**The Appendix is an integral part of
Certificate of Accreditation No: 99/2026 of 27. 2. 2026**

Accredited entity according to ČSN EN ISO/IEC 17025:2018:

Labwerk s.r.o.
CAB number 1816, LABWERK
Hudcova 296/70, 621 00 Brno

Detailed information on activities within the scope of accreditation (determined analytes / tested subject) is given in the section "Specification of the scope of accreditation".

Tests:

Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested subject	Degrees of freedom ³
1	Determination of pH by potentiometry	SOP LW-01 (ČSN ISO 10523)	Drinking, ground, surface and waste water, eluate from a solid matrix, aqueous solution	-
2	Determination of electrical conductivity	SOP LW-02 (ČSN EN 27888)	Drinking, ground, surface and waste water, eluate from a solid matrix, aqueous solution	-
3	Determination of fluoride electrochemically (ISE)	SOP LW-03 (ČSN ISO 10359-1)	Drinking, ground, surface and waste water, eluate from a solid matrix, aqueous solution	-
4	Determination of dissolved solids by gravimetry	SOP LW-04 (ČSN 75 7346; ČSN EN 15216)	Drinking, ground, surface and waste water, eluate from a solid matrix, aqueous solution	-
5	Determination of monohydric phenols – commercial analytical kit	SOP LW-05 (HACH LANGE Manual)	Drinking, ground, surface and waste water, eluate from a solid matrix	-
6	Determination of total organic carbon (TOC) and dissolved organic carbon (DOC) photometrically using a commercial analytical kit	SOP LW-06 (HACH LANGE Manual)	Drinking, ground, surface and waste water, eluate from a solid matrix	-
7	Determination of elements by ICP-MS method	SOP LW-07 (ČSN EN ISO 17294-1; ČSN EN ISO 17294-2; EPA Method 6020A)	Drinking, ground, surface and waste water, eluate from a solid matrix	-
8	Determination of elements by ICP-MS method	SOP LW-08 (ČSN EN ISO 17294-1; ČSN EN ISO 17294-2; EPA Method 6020A; EPA Method 3050B)	Solid matrices	-

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Ordinal number ¹	Test procedure/method name	Test procedure/method identification ²	Tested subject	Degrees of freedom ³
9	Determination of PAH by HPLC/FLUD, DAD and calculation of the sum of PAH from the measured values	SOP LW-09 (ČSN EN ISO 17993)	Drinking, ground, surface and waste water, eluate from a solid matrix, aqueous solution	-
10	Determination of PAH by HPLC/FLUD, DAD and calculation of the sum of PAH from the measured values	SOP LW-10 (ČSN EN 17503)	Solid matrices	-
11	Determination of dry matter in a solid sample by gravimetry and moisture content by calculation from measured values	SOP LW-11 (ČSN EN 15934)	Solid matrices	-
12	Determination of the inhibitory effect of water samples on the light emission of <i>Vibrio fischeri</i>	SOP LW-12 (ČSN EN ISO 11348-2; ČSN EN ISO 11348-3)	Drinking, ground, surface and waste water, eluate from a solid matrix, aqueous solution	-
13	Determination of acute toxicity to <i>Daphnia magna Straus</i>	SOP LW-13 (ČSN EN ISO 6341)	Drinking, ground, surface and waste water, eluate from a solid matrix, aqueous solution	-
14	Determination of acute toxicity to green algae <i>Desmodesmus subspicatus</i>	SOP LW-14 (ČSN EN ISO 8692)	Drinking, ground, surface and waste water, eluate from a solid matrix, aqueous solution	-
15	Determination of root growth inhibition in lettuce <i>Lactuca sativa</i>	SOP LW-15 (ČSN EN ISO 112691)	Solid matrices	-

¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

³ the laboratory does not apply a flexible approach to the scope of accreditation

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
7	Al, As, B, Ba, Be, Cd, Co, Cr, Cu, Hg, Mo, Ni, Pb, Sb, Se, Si, Sr, Zn, U, V, Na, Li, Fe, Mg, Ca, K, P, S total hardness (Ca+Mg), hardness as CaCO ₃
8	As, Cd, Cr, Hg, Ni, Pb, V, Cu, Zn, Ba, Be, Co, Mo, Sn,

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
9, 10	Naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene, by calculation: the sum of the selected PAHs

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (tested subject)
1, 7, 9	Aqueous solution – absorption solution of a defined composition or a solution of a chemical in water
1, 2, 3, 4, 5, 6, 7, 9	Waste water – WWTP, industrial, process
1, 2, 3, 4, 5, 6, 7, 9	Ground water – mineral, spa, mine
8, 10, 11, 15	Solid matrices – various types of solid samples of soils, sediments, composts, sludge, waste, soils, building structures
10, 11	Solid matrices – various types of solid samples of soils, sediments, composts, sludge, waste, soils, building structures, AHV, penetrating macadam

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
1	Soil sampling	SOP LWS-101 (ČSN 015111)	Soil
2	Sampling of bottom sediments and sludge	SOP LWS-102 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-12; ČSN EN ISO 5667-13)	Bottom sediments, sludge
3	Sampling of waste and waste from building structures	SOP LWS-103 (ČSN EN 14899; MoE Bulletin No. 4, April 2008)	Waste, waste from building structures

¹ if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

Explanatory notes:

PAH Polyaromatic Hydrocarbons
TOC Total Organic Carbon
DOC Dissolved Organic Carbon
HPLC High-Performance Liquid Chromatography
FLUD Fluorescence Detector
ICP/MS Inductively Coupled Plasma Mass Spectrometry
DAD Diode Array Detector

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AHV Compacted Asphalt Layer
ISE Ion Selective Electrode
EPA Environmental Protection Agency (USA)

"This document is an appendix to the certificate of accreditation. In case of any discrepancies between the English and Czech versions, the Czech version shall prevail, both for the certificate appendix and the certificate itself."