



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. 132/2026

AL INVEST Břidličná, a.s.
with registered office Bruntálská 167, 793 51 Břidličná
Company Registration No. 27376184

for the Testing Laboratory No. 1407
Chemical Laboratory

Scope of accreditation:

Chemical analyses of drinking, surface, ground and waste water, aluminium alloys and foils, input raw materials, organic solvents, paints, varnishes, adhesives and residual solvents on the surface of aluminium foils 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.

This Certificate of Accreditation replaces, to the full extent, Certificate No.: 524/2023 of 06/10/2023, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **19/03/2031**

Prague: 19/03/2026



Signed in the Czech original:
Gor Petrosjan on 19/03/2026

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. 132/2026 of 19/03/2026**

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

AL INVEST Břidličná, a.s.
CAB number 1407, Chemical Laboratory
Bruntálská 167, 793 51 Břidličná

Detailed information on activities within the scope of accreditation (determined analytes) is given in the section „Specification of the scope of accreditation“.

Tests:

Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Tested subject	Degrees of freedom³
1	Determination of the content of elements by ICP-OES method	SP 001 (ČSN EN ISO 11885)	Drinking, surface, ground and waste water	-
2	Determination of the content of elements by ICP-OES method	SOP 002 (ČSN EN 14242)	Aluminium alloys, input raw materials	-
3	Determination of biochemical oxygen demand after 5 days (BOD ₅) by dilution method, optical probe measurement	SOP 008 (ČSN EN ISO 5815-1)	Drinking, surface and waste water	-
4	Determination of hydrocarbons C ₁₀ -C ₄₀ by GC-FID method	SOP 010 (ČSN EN ISO 9377-2)	Drinking, surface and waste water	-
5	Determination of pH by potentiometry	SOP 030 (ČSN ISO 10523)	Drinking, surface, ground and waste water	-
6	Determination of electrical conductivity	SOP 031 (ČSN EN 27888)	Drinking, surface, ground and waste water	-
7	Determination of phosphate by spectrophotometry and total phosphorus by calculation from measured values	SOP 033 (ČSN EN ISO 6878)	Drinking, surface, waste water	-
8	Determination of ammonium by spectrophotometry and ammonia nitrogen by calculation from measured values	SOP 034 (ČSN ISO 7150-1)	Drinking, surface, ground and waste water	-
9	Determination of nonpolar extractives (NES) by FTIR spectrometry	SOP 038 (ČSN 75 7505:1998)	Drinking, surface, ground and waste water	-
10	Determination of dried (RL105) and annealed (RAS) dissolved solids by gravimetry	SOP 039 (ČSN 75 7346; ČSN 75 7347)	Drinking, surface, waste water	-
11	Determination of suspended solids (NL) by gravimetry	SOP 039 A (ČSN EN 872)	Drinking, surface, waste water	-
12	Determination of chloride by argentometry	SOP 044 (ČSN ISO 9297)	Drinking, surface, ground and waste water	-
13	Determination of chemical oxygen demand with dichromate (COD _{Cr}) by semimicromethod by spectrophotometry using Merck commercial analytical kit	SOP 047 (ČSN ISO 6060; Merck manual)	Drinking, surface, ground and waste water	-

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
14	Determination of nitrite by spectrophotometry and nitrite nitrogen by calculation from measured values	SOP 049 (ČSN EN 26777)	Drinking, surface, waste water	-
15	Determination of adsorbable organically bound halogens (AOX) by coulometry	SOP 053 (ČSN EN ISO 9562)	Drinking, surface, waste water	-
16	Determination of volatile organic compounds by HS/GC-FID	SOP 054 (ČSN EN 13628-2)	Organic solvents, paints, varnishes, adhesives and residual solvents on the surface of aluminium foils	-
17	Determination of nitrate nitrogen by spectrophotometry with HACH Lange commercial analytical kit and nitrate by calculation from measured values	SOP 072 (ČSN 75 7455; Hach Lange manual)	Drinking, surface, ground and waste water	-
18	Determination of anionic surfactants (PAL) by spectrophotometry by Hach Lange commercial analytical kit	SOP 073 (ČSN EN 903; Hach Lange manual)	Drinking, surface, waste water	-
19	Determination of sulphate (SO ₄ ²⁻) by spectrophotometry by Hach Lange commercial analytical kit	SOP 074 (Hach Lange manual)	Drinking, surface, ground and waste water	-
20	Determination of mercury (Hg) and hydride-forming elements (As, Sb, Se) by ICP-OES method with GLS	SOP 076 (ČSN EN ISO 11885; GLS manual)	Drinking, surface, ground and waste water	-

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)
1	Na, K, Ca, Mg, Al, Fe, Zn, Mn, Pb, Cr _{tot.} , Ni, V, Cu, Co, Ba, Cd, Be, P _{tot}
2	Fe, Mg, Mn, Cu, Si, Cr _{tot.} , Ni, Ti, Zn, V, Zr
3	ethanol, acetone, isopropanol, 1-propanol, 2-butanone, 2-butanol, ethylacetate, t-butanol, isopropylacetate, 1-methoxy-2-propanol, propylacetate, 1-ethoxy-2-propanol, isobutylacetate, toluene, n-butylacetate, methoxypropylacetate

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Explanations:

SOP	- Standard Operating Procedure
HS	- head space
ICP-OES	- Inductively Coupled Plasma Optical Emission Spectrometry
FTIR	- Fourier Transform Infrared Spectrometry
GC-FID	- Gas Chromatography with Flame Ionization Detector
AOX	- Halogenated Organic Compounds
GLS	- Gas Liquid Separator, hydride generation equipment

"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."