NÁRODNÍ AKREDITAČNÍ ORGÁN

EA MLA Signatory
Český institut pro akreditaci, o.p.s.
Olšanská 54/3, 130 00 Praha 3

issues

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

CERTIFICATE OF ACCREDITATION

No. **14/2020**

ANALYTIKA, spol. s r. o.
with registered office Khodlova 1297/47, 193 00 Praha 9, Horní Počernice, Company Registration No. 14891883

to the Testing Laboratory No. **1624**
Radlík Testing Laboratory

Scope of accreditation:

Determination of nominal mass concentration of an analytes in aqueous single-element calibration solutions by primary analytical methods (gravimetry and titration), atomic absorption and emission spectrometry methods, determination of pH and electrical conductivity 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 Body is entitled to refer to this Certificate, provided that the accreditation is not suspended and the 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.: 277/2016 of 3. 5. 2016, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **6. 1. 2025**

Prague: 6. 1. 2020

Český institut pro akreditaci, o.p.s.

Jiří Růžička
Director
Czech Accreditation Institute
Public Service Company

The Appendix is an integral part of
Certificate of Accreditation No. 14/2020 of 06/01/2020

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

ANALYTIKA, spol. s r. o.
Radlík Testing Laboratory
Radlík 156, 254 01 Jílové u Prahy

Tests:

Ordinal number[1]	Test procedure/method name	Test procedure/ method identification[2]	Tested object
1	Titrimetric chelatometric (complexometric) determination of nominal mass concentration of Al, Bi, Ca, Cd, Ce, Co ,Cu, Dy, Er, Eu, F^-, Fe^{3+}, Ga, Gd, Hf, Hg, Ho, In, La, Lu, Mg, Mn, Nd, Ni, Pb, Pr, Sc, Sm, Sn, Tb, Th, Tl, Tm, U, V, Y, Yb, Zn, Zr	SOP-L No. 1	Aqueous single-element calibration solutions
2	Titrimetric argentometric determination of nominal mass concentration of Br^-, Cl^-, I^-	SOP-L No. 2	Aqueous single-element calibration solutions
3	Titrimetric alkalimetric determination of nominal mass concentration of B, NH_4^+ and total organic carbon (TOC)	SOP-L No. 3	Aqueous single-element calibration solutions
4	Titrimetric bromatometric determination of nominal mass concentration of Sb	SOP-L No. 4	Aqueous single-element calibration solutions
5	Titrimetric manganometric determination of nominal mass concentration of Fe^{2+}, NO_2^-	SOP-L No. 5	Aqueous single-element calibration solutions
6	Reserved		
7	Gravimetric determination of nominal mass concentration of Ba in the form of $BaCrO_4$	SOP-L No. 7	Aqueous single-element calibration solutions
8	Gravimetric determination of nominal mass concentration of NO_3^-, Re, W by nitrone	SOP-L No. 8	Aqueous single-element calibration solutions
9	Gravimetric determination of nominal mass concentration of Ni, Pd by dimethylglyoxime	SOP-L No. 9	Aqueous single-element calibration solutions
10	Gravimetric determination of nominal mass concentration of Mo by 8-hydroxychinoline	SOP-L No. 10	Aqueous single-element calibration solutions
11	Gravimetric determination of nominal mass concentration of Nb by cupferron	SOP-L No. 11	Aqueous single-element calibration solutions
12	Gravimetric determination of nominal mass concentration of Be, Ta, Ti by hydrolysis with aqueous ammonia solution	SOP-L No. 12	Aqueous single-element calibration solutions
13	Gravimetric determination of nominal mass concentration of Au by hydroquinone reduction	SOP-L No. 13	Aqueous single-element calibration solutions
14	Gravimetric determination of nominal mass concentration of Sr by ammonium oxalate in the form of SrO	SOP-L No. 14	Aqueous single-element calibration solutions
15	Titrimetric iodometric determination of nominal mass concentration of Se, Cr^{6+}	SOP-L No. 15	Aqueous single-element calibration solutions
16	Gravimetric determination of nominal mass concentration of Ag in the form of AgCl	SOP-L No. 16	Aqueous single-element calibration solutions

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

ANALYTIKA, spol. s r. o.
Radlík Testing Laboratory
Radlík 156, 254 01 Jílové u Prahy

Ordinal number[1]	Test procedure/method name	Test procedure/ method identification[2]	Tested object
17	Gravimetric determination of nominal mass concentration of S, SO_4^{2-} in the form of $BaSO_4$	SOP-L No. 17	Aqueous single-element calibration solutions
18	Determination of pH by potentiometry	SOP-L No. 18 (ČSN ISO 10523)	Standard solutions prepared from drinking and deionized water
19	Determination of electrical conductivity	SOP-L No. 19 (ČSN EN 27888)	Standard solutions prepared from drinking and deionized water
20	Gravimetric determination of nominal mass concentration of platinum by mercury(I) chloride reduction	SOP-L No. 20 (ČSN EN ISO 11489)	Aqueous single-element calibration solutions
21	Gravimetric determination of nominal mass concentration of arsenic, phosphorus and phosphate in the form of magnesium pyroarsenate and pyrophosphate ($Mg_2As_2O_7$ and $Mg_2P_2O_7$)	SOP-L No. 21	Aqueous single-element calibration solutions
22	Gravimetric determination of nominal mass concentration of silicon in the form of SiO_2	SOP-L No. 22	Aqueous single-element calibration solutions
23	Determination of nominal mass concentration of alkaline metals Li, Na, K, Rb, Cs by flame AAS	SOP-L No. 23	Aqueous single-element calibration solutions
24	Determination of nominal mass concentration of alkaline metals Li, Na, K, Rb, Cs by flame AES	SOP-L No. 24	Aqueous single-element calibration solutions
25	Determination of nominal mass concentration of Ge by flame AAS	SOP-L No. 25	Aqueous single-element calibration solutions
26	Determination of nominal mass concentration Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ir, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Rh, Sb, Se, Sr, Sn, Te, Ti, Tl, V, Zn by ICP-OES method	SOP-L No. 29	Aqueous single-element and multi-element calibration solutions
27	Determination of nominal mass concentration As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Mn, Mo, Ni, P, Pb, Sb, Sn, V, Zn by ICP-OES method	SOP-L No. 30	Aqueous and aqua-regia extracts of soils and sludges

[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 edition of the specified procedure is used (including any changes).

Explanations:

AAS – Atomic Absorption Spectrometry
AES – Atomic Emission Spectrometry
ICP-OES – Inductively Coupled Plasma Optical Emission Spectrometry