



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. 120/2023

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

to the Reference Materials Producer No. 7501
Department of Reference Materials

Scope of accreditation:

Production of reference materials including certified ones: single and multi-element aqueous calibration solutions, calibration solutions for pH and electrical conductivity measurements, matrix reference materials (agricultural soils, soils, sludge, sediments, plant material) 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 17034:2017

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.: 177/2022 of 13. 4. 2022, or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **14. 3. 2028**

Prague: 14. 3. 2023




Milena Lochmanová
Director of the Department of Medical Laboratories
Czech Accreditation Institute
Public Service Company

The Appendix is an integral part of
Certificate of Accreditation No. 120/2023 of 14/03/2023

Accredited entity according to ČSN EN ISO 17034:2017:

ANALYTIKA, spol. s r. o.
CAB Number 7501, Department of Reference Materials
Ke Klíčovu 816/2a, 190 00 Praha 9 – Vysočany

Workplaces of Reference Materials Producer:

1. **Production Centre – Location No. 1** Radlík 156, 254 01 Jílové u Prahy – Radlík
2. **Business Processes – Location No. 3** Ke Klíčovu 816/2a, 190 00 Praha 9 – Vysočany

Reference materials:

Ordinal number	Matrix, artefact type	Nominal properties / characterized properties	Assignment of property values incl. measurements method
Chemical substances – RM/CRM			
1	Single element and multi-element aqueous calibration solutions RM/CRM	Ions 0.001 mg/l to 10,000 mg/l	Gravimetric preparation using pure raw materials ¹
2	Aqueous calibration solutions for the measurement of pH RM/CRM	pH 1.688 to 10.062	Gravimetric preparation using pure raw materials ²
3	Aqueous calibration solutions for the measurement of electrical conductivity RM/CRM	Electrical conductivity 14.7 mS/m to 11,130.0 mS/m	Gravimetric preparation using pure raw materials ³
4	Agricultural soil, soil, sludge, sediment RM/CRM	Elements 0.001 mg/kg to 100,000 mg/kg	Native material verified by interlaboratory comparison using spectroscopic methods (AAS, ICP-MS, ICP-OES)
5	Agricultural soil, soil, sludge, sediment RM/CRM	Semivolatile organic compounds 0.001 mg/kg to 100,000 mg/kg	Native material verified by interlaboratory comparison using chromatographic methods (HPLC, HPLC-MS, GC, GC-MS)
6	Plant material RM/CRM	Elements 0.001 mg/kg to 100,000 mg/kg	Native material verified by interlaboratory comparison using spectroscopic methods (AAS, ICP-MS, ICP-OES)
7	Plant material RM/CRM	Semivolatile organic compounds 0.01 mg/kg to 100,000 mg/kg	Native material verified by interlaboratory comparison using chromatographic methods (HPLC, HPLC-MS, GC, GC-MS)

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Ordinal number	Matrix, artefact type	Nominal properties / characterized properties	Assignment of property values incl. measurements method
Chemical substances – RM/CRM			
8	Plant material extract RM/CRM	Cannabinoids 0.001 mg/l to 100,000 mg/l	Plant material extract in mineral oil, verified by interlaboratory comparison using chromatographic methods (HPLC, HPLC-MS)

Explanatory notes:

- ¹ assigned property values are verified by using gravimetric, volumetric and spectroscopic methods (AAS, ICP-MS, ICP-OES)
² assigned property value is verified by using potentiometric method
³ assigned property value is verified by using conductometric method

