



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. 250/2026

Ústřední kontrolní a zkušební ústav zemědělský
with registered office Hroznová 63/2, Pisárky, 603 00 Brno
Company Registration No. 00020338

for the Proficiency Testing Provider No. 7005
National Reference Laboratory, Department of Proficiency Testing Programmes

Scope of accreditation:

Proficiency testing schemes in the field of chemical testing of soils, sludges and sediments, feedstuffs, food, plant material and fertilizers 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 17043:2023

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.: 337/2021 of 23/06/2021, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **19/05/2031**

Prague: 19/05/2026



Signed in the Czech original:
Milena Lochmanová on 19/05/2026

Milena Lochmanová
Director of the Department
of Medical Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Andrea Muzikářová

**The Appendix is an integral part of Certificate
of Accreditation No. 250/2026 of 19/05/2026**

Accredited entity according to ČSN EN ISO/IEC 17043:2023:

Ústřední kontrolní a zkušební ústav zemědělský
CAB number 7005, National Reference Laboratory, Department of Proficiency Testing Programmes
Hroznová 63/2, Pisárky, 603 00 Brno

Proficiency testing schemes:

Ordinal Number	PT scheme name; PT item; PT scheme identification	Measurands and characteristics
1.	Analysis of Soils; Soil; MPZ UKZUZ – Analysis of Soils	Determination of P_ICP, P_SP, Ca, Mg, K, Al, B, Cu, Fe, Mn, S, Zn in Mehlich 3 Extract; pH exchangeable in 0,01 M CaCl ₂ ; Determination of As, Be, Cd, Co, Cr, Cu, Mo, Ni, Pb, V, Zn in Aqua Regia Extract; Determination of Total Hg Content; Determination of Specific Electrical Conductivity EC (1:5); Determination of Soil Nitrogen Forms (Ammonium Nitrogen N-NH ₄ and Nitrate Nitrogen N-NO ₃)
2.	Analysis of Sludges and Sediments; Sludge and Sediment; MPZ UKZUZ – Analysis of Sludges and Sediments	Determination of As, Be, Cd, Co, Cr, Cu, Mo, Ni, Pb, V, Zn, Na, Ca, Mg, K, P, Fe, Mn, Al, Ba in Aqua Regia Extract; Determination of Total Hg Content; Determination of Loss on Ignition (LOI); Determination of Total N Content; Determination of pH (H ₂ O 1:5); Determination of Specific Electrical Conductivity EC (1:25)
3.	Analysis of Plants; Plant Material; MPZ UKZUZ – Analysis of Plants	Determination of Total Contents of Ca, Mg, K, P, Na, N, S, As, Be, Cd, Co, Cr, Cu, Mo, Ni, Pb, V, Zn, Hg, Fe, Mn, B, Al; Determination of Nitrate Content NO ₃ ⁻

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Ordinal Number	PT scheme name; PT item; PT scheme identification	Measurands and characteristics
4.	Analysis of Feedstuffs; Feedstuff; MPZ UKZUZ – Analysis of Feedstuffs	Determination of Basic Parameters: Moisture, Ash, Crude Protein, Starch, Total Sugars Expressed as Saccharose, Crude Fibre, Fat, Determination of Total Contents of Ca, K, P, Mg, Na, Mn, Zn, Fe, Cu, NaCl; Determination of Amino Acids: Aspartic Acid, Threonine, Serine, Glutamic Acid, Proline, Glycine, Alanine, Cystine, Valine, Isoleucine, Leucine, Tyrosine, Phenylalanine, Histidine, Lysine, Arginine, Methionine, Tryptophan; Determination of Acid Detergent Fibre (ADF) and Neutral Detergent Fibre (NDF); Determination of Total Contents of S, Se, Co, As, Cd, Cr, Pb, Ni, Hg
5.	Analysis of Oil Plant Seeds; Plant Material; MPZ UKZUZ – Analysis of Oil Plant Seeds	Determination of Fat and Crude Protein
6.	Analysis of Coccidiostats in Feedstuffs; Feedstuff; MPZ UKZUZ – Analysis of Coccidiostats in Feedstuffs	Determination of Coccidiostats: Lasalocid, Nicarbazin, Salinomycin, Narasin, Monensin, Robenidine
7.	Analysis of Vitamins in Feedstuffs; Feedstuff; MPZ UKZUZ – Analysis of Vitamins in Feedstuffs	Determination of Vitamins: A, E, D ₃
8.	Analysis of Mycotoxins; Feedstuff, Food, Plant Material; MPZ UKZUZ – Analysis of Mycotoxins	Determination of Mycotoxins: Deoxynivalenol, Ochratoxin A, Zearalenone, T-2 Toxin, HT-2 Toxin, Sum of T-2 + HT-2 Toxins, Fumonisin B1, Fumonisin B2, Sum of Fumonisins B1 + B2, Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Sum of Aflatoxins B1+B2+G1+G2, Enniatin A, Enniatin A1, Enniatin B, Enniatin B1, Beauvericin, Nivalenol

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Ordinal Number	PT scheme name; PT item; PT scheme identification	Measurands and characteristics
9.	Analysis of Fertilizers; Fertilizer; MPZ UKZUZ – Analysis of Fertilizers	Determination of As, Cd, Cr, Ni, Pb, Cu, Zn, B, Mn, Fe, Mo, Co in Aqua Regia Extract; Determination of Total Hg Content; Determination of Moisture Content; Determination of Total Contents of Nutrients (N, P, P ₂ O ₅ , K, K ₂ O, Ca, CaO, Mg, MgO, S, SO ₄); Determination of Water-Soluble Forms of Elements (B _{H₂O} , Mo _{H₂O} , Cu _{H₂O} , Mn _{H₂O} , Zn _{H₂O} , Fe _{H₂O} , Co _{H₂O} , S _{H₂O} , Ca _{H₂O} , K _{H₂O} , Mg _{H₂O} , P _{H₂O}); Determination of Nitrogen Forms (Ammonium Nitrogen N-NH ₄ , Nitrate Nitrogen N-NO ₃ , Amide Nitrogen N-NH ₂); Determination of Chloride Content Cl ⁻ ; Determination of Phosphorus Content in Neutral Ammonium Citrate Pnca

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Explanatory notes:

P_ICP – Phosphorus Determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES)

P_SP – Phosphorus Determined Spectrophotometrically

The identification of a scheme during the year:

MPZ UKZUZ – 20XX – Y, (X – actual year, Y – PT Round Number)

"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."