

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 ⁻

**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

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

**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

Ordinal Number	PT scheme name; PT item; PT scheme identification	Measurands and characteristics
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 Fumonisin 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
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 P _{nc}

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

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."