

**The Appendix is an integral part of
Certificate of Accreditation No. 337/2021 of 23/06/2021**

Accredited entity according to ČSN EN ISO/IEC 17043:2010:

Ústřední kontrolní a zkušební ústav zemědělský
Department of Proficiency Testing Programmes
Hroznová 63/2, Pisárky, 603 00 Brno

Proficiency Testing Schemes:

Ordinal number	Proficiency testing scheme	Proficiency testing scheme identification	Proficiency testing item
1	Analysis of Soils Determination of P_ICP – phosphorus determined by ICP-OES, P_SP – phosphorus determined by spectrophotometry, Ca, K, Mg, Al, B, Cu, Fe, Mn, S, Zn in extract according to Mehlich 3, pH exchangeable in 0,01M CaCl ₂ , EC – specific electrical conductivity, determination of As, Be, Cd, Co, Cr, Cu, Mo, Ni, Pb, V, Zn in aqua regia extract, determination of total Hg, determination of ammonium (N-NH ₄) and nitrate (N-NO ₃) forms of soil nitrogen	MPZ UKZUZ – Soil Analysis	Soil
2	Analysis of Sludge and Sediments Determination of As, Be, Cd, Co, Cr, Cu, Mo, Ni, Pb, V, Zn, Na, Ca, Mg, K, P, Fe, Mn, Al in Aqua Regia extract, determination of total contents of Hg and N, determination of loss on ignition – LOI, determination of pH (H ₂ O 1:5), EC (w/v 1:25) – specific electrical conductivity.	MPZ UKZUZ – Sludge and Sediment Analysis	Sludge and Sediment
3	Analysis of Plants Determination of total contents of Ca, Mg, K, P, Na, N, As, Be, Cd, Co, Cr, Cu, Mo, Ni, Pb, V, Zn, Hg, Fe, Mn, B, Al, determination of nitrate NO ₃ ⁻ content	MPZ UKZUZ – Plant Analysis	Plant Material
4	Analysis of Feedstuffs Determination of basic parameters (moisture, ash, crude protein, starch, total sugars expressed as saccharose, crude fibre, fat, total contents of Ca, K, P, Mg, Na, Mn, Zn, Fe, Cu, NaCl), determination of amino acids (aspartic acid, threonin, serine, glutamic acid, proline, glycine, alanine, cystine, valine, isoleucine, leucine, tyrosine, phenylalanine, histidine, lysine, arginine, methionine, tryptophane), determination of acid detergent fibre – ADF, neutral detergent fibre – NDF, determination of total contents of S, Se, Co, As, Cd, Cr, Hg, Pb, Ni	MPZ UKZUZ – Feedstuff Analysis	Feedstuff
5	Analysis of Oil Plant Seeds Determination of fat and crude protein	MPZ UKZUZ – Oil Plant Seeds	Plant Material

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6	Additives in Feedstuffs - Coccidiostats Determination of coccidiostats: salinomycin, monensin, nicarbazin, robenidione, narasin, lasalocid	MPZ UKZUZ – Analysis of Coccidiostats in Feedstuffs	Feedstuff
7	Additives in Feedstuffs - Vitamins Determination of vitamins: A, E and D ₃	MPZ UKZUZ – Analysis of Vitamins in Feedstuffs	Feedstuff
8	Determination of Mycotoxins in Feedstuffs and Food Determination of deoxynivalenol, ochratoxin A, zearalenon, 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	MPZ UKZUZ – Analysis of Mycotoxins	Feedstuff, Food, Plant Material
9	Analysis of Fertilizers Determination of As, Cd, Cr, Ni, Pb, Cu, Zn, B, Mn, Fe, Mo in Aqua Regia extract, determination of total Hg, determination of moisture content	MPZ UKZUZ – Analysis of Fertilizers	Fertilizer

Explanatory notes:

P_ICP – phosphorus determined by ICP-OES
P_SP – phosphorus determined by spectrophotometry
EC – specific electrical conductivity
ADF – acid detergent fibre
NDF – neutral detergent fibre,
LOI – loss on ignition

The identification of a scheme during the year: MPZ UKZUZ 20XX – Y, X – actual year, Y – number of period

