

**Příloha je nedílnou součástí  
osvědčení o akreditaci č.: 105/2024 ze dne: 01/03/2024**

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

**Ústřední kontrolní a zkušební ústav zemědělský**  
CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

**Testing laboratory locations:**

- |  |                                       |
|--|---------------------------------------|
| 1. ÚKZÚZ, NRL, Department of NRL Praha                         | Za Opravnou 4, 150 06 Praha 5 - Motol |
| 2. ÚKZÚZ, NRL, Division of NRL Brno                            | Hroznová 63/2, 603 00 Brno            |
| 3. ÚKZÚZ, NRL, Division of NRL Opava                           | Jaselská 16, 746 23 Opava             |
| 4. ÚKZÚZ, NRL, Department of NRL Plzeň                         | Slovanská alej 20, 326 00 Plzeň       |
| 5. ÚKZÚZ, NRL Department of Special Plant and Feed Analysis    | Lípa 121, 582 57                      |
| 6. ÚKZÚZ, NRL, Department of Microbiology and Biochemistry     | Hroznová 63/2, 603 00 Brno            |
| 7. ÚKZÚZ, NRL, Department of Testing Plant Protection Products | Zemědělská 1a, 613 00 Brno            |

*The laboratory applies a flexible approach to the scope of accreditation.*

*The current list of activities carried out within the flexible scope is publicly available on the laboratory's website <https://eagri.cz/public/portal/ukzuz/laboratore/akreditace/cia-1071-sr-zl-pd-010124> in the form "List of activities within the flexible scope".*

*Detailed information on the activities within the scope of accreditation (determined analytes) is given in the section "Specification of the scope of accreditation".*

**1. ÚKZÚZ, NRL, Department of NRL Praha**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
1	Determination of moisture by gravimetric method and calculation of dry matter	JPP ÚKZÚZ, procedure No.10002.1	Animal feeding stuffs and raw materials for their production	-
2	Reserved			
3	Determination of fat and fat after hydrolysis by gravimetric method	JPP ÚKZÚZ, procedure No.10058.1	Animal feeding stuffs and raw materials for their production	-
4	Determination of fibre by gravimetric method	JPP ÚKZÚZ, procedure No. 10068.1	Animal feeding stuffs and raw materials for their production	-
5	Determination of ash and burnable substances by gravimetric method	JPP ÚKZÚZ, procedure No. 10004.1	Animal feeding stuffs and raw materials for their production	-
6-7	Reserved			
8	Determination of nitrogen content by titrimetric method and nitrogen substances by calculation	JPP ÚKZÚZ, procedure No. 10014.1	Animal feeding stuffs and raw materials for their production	-

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
9	Determination of chlorides by titrimetric method	JPP ÚKZÚZ, procedure No. 10131.1	Animal feeding stuffs and raw materials for their production	-
10	Reserved			
11	Determination of sugars by titrimetric method	JPP ÚKZÚZ, procedure No. 10084.1	Animal feeding stuffs and raw materials for their production	-
12	Determination of phosphorus by spectrophotometric method	JPP ÚKZÚZ, procedure No. 10128.1	Animal feeding stuffs and raw materials for their production	-
13	Reserved			
14	Determination of content of selected elements by FAAS method	JPP ÚKZÚZ, procedure No. 10325.1	Animal feeding stuffs and raw materials for their production	-
15-16	Reserved			
17	Determination of content of selected macroelements by FAAS and FAES method	JPP ÚKZÚZ, procedure No. 10135.1	Animal feeding stuffs and raw materials for their production	-
18-24	Reserved			
25	Determination of vitamin A, E content by HPLC/DAD, FLD method	JPP ÚKZÚZ, procedure No. 10380.1	Animal feeding stuffs and raw materials for their production	D
26	Determination of amprolium by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10636.1	Animal feeding stuffs and raw materials for their production	D
27	Determination of robenidin by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10394.1	Animal feeding stuffs and raw materials for their production	D
28	Determination of diclazuril by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10393.1	Animal feeding stuffs and raw materials for their production	D
29	Determination of selected feed additives by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10350.1	Animal feeding stuffs and raw materials for their production	D

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
30	Determination of lasalocid sodium by HPLC/FLD method	JPP ÚKZÚZ, procedure No. 10400.1	Animal feeding stuffs and raw materials for their production	D
31	Determination of dimetridazol by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10391.1	Animal feeding stuffs and raw materials for their production	D
32	Determination of nicarbazin by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10360.1	Animal feeding stuffs and raw materials for their production	D
33	Determination of coccidiostats by LC-MS/MS method	JPP ÚKZÚZ, procedure No. 10620.2	Animal feeding stuffs and raw materials for their production	B, D
34	Determination of unauthorised additives by LC-MS/MS method	JPP ÚKZÚZ, procedure No. 10630.2	Animal feeding stuffs and raw materials for their production	B, D
35	Determination of amino acids by ion exchange chromatography	JPP ÚKZÚZ, procedure No. 10021.1	Animal feeding stuffs and raw materials for their production	-
36	Determination of starch by polarimetric method	JPP ÚKZÚZ, procedure No. 10083.1	Animal feeding stuffs and raw materials for their production	-
37-54	Reserved			
55	Determination of urea by spectrophotometric method	JPP ÚKZÚZ, procedure No. 10012.1	Animal feeding stuffs and raw materials for their production	-
56	Determination of methionine hydroxy analog by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10330.1	Animal feeding stuffs and raw materials for their production	D
57	Determination of nifursol by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10635.1	Animal feeding stuffs and raw materials for their production	D
58	Determination of benzoic acid by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10336.1	Animal feeding stuffs and raw materials for their production	D
59	Determination of total and free tryptophan by HPLC/FLD method	JPP ÚKZÚZ, procedure No. 10023.2	Animal feeding stuffs and raw materials for their production	D

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
60	Determination of maduramicine by HPLC/UV method	JPP ÚKZÚZ, procedure No. 10341.1	Animal feeding stuffs and raw materials for their production	D
61	Determination of decoquinatate by HPLC/FLD method	JPP ÚKZÚZ, procedure No. 10370.1	Animal feeding stuffs and raw materials for their production	D

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
8	Expressed as: nitrogenous substances ( <i>factor</i> ), nitrogenous substances ( <i>factor</i> ) in dry matter, total nitrogen (N), <i>factor</i> = conversion factor for nitrogenous substances
9	Expressed as: chlorides as NaCl
11	Expressed as: total sugars after hydrolysis as saccharose, non-reducing sugars as saccharose, reducing sugars as fructose, reducing sugars as glucose, reducing sugars as invert, reducing sugars as maltose, reducing sugars as lactose
14	Cu, Fe, Mn, Zn
17	Ca, K, Mg, Na
25	Expressed as: Vitamin A – total retinol (all cis trans), Vitamin E – DL-alpha-tocopherol, Vitamin E – DL-alpha-tocopherolacetate
29	monensin sodium, salinomycin sodium, narasin
33	Analytes: robenidin hydrochloride, monensin sodium, salinomycin sodium, narasin, lasalocid sodium, halofuginon hydrobromide, semduramicin sodium, maduramicin ammonium alpha, diclazuril, nicarbazin
34	Olaquinox, Carbadox, Zinc-bacitracin, Virginiamycin, Tylosin, Tylosin phosphate
35	Lysine, asparagine acid, threonine, serine, glutamic acid, proline, glycine, alanine, cystine, valine, methionine, isoleucine, leucine, tyrosine, phenylalanine, histidine, arginine.

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**2. ÚKZÚZ, NRL, Division of NRL Brno**

**Tests:**

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
1	Determination of soil pH by ISE method	JPP ÚKZÚZ, procedure No. 30040.1	Soil	D
2	Reserved			
3	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 30350.2; 3 procedure No. 0500.2	Soil and sludge	B, D
4	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 40020.1; procedure No. 40032.1; procedure No. 40090.1	Vegetable material	B, D
5	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 10150.1; procedure No. 10320.1; procedure No. 10180.1	Animal feeding stuffs and raw materials for their production	B, D
6	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 30068.1; procedure No. 30074.1	Soil	B, D
7-8	Reserved			
9	Determination of phosphorus by spectrophotometric method	JPP ÚKZÚZ, procedure No. 30068.1; procedure No. 30072.1	Soil	D
10	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 10001.1	Animal feeding stuffs and raw materials for their production	D
11	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 40010.1	Vegetable material	D
12	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 30020.1	Soil, sludge, sediments	D
13	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 50010.1	Vegetable material	D

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
14	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 10420.1	Animal feeding stuffs and raw materials for their production	D
15	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 30460.1	Soil, sludge, sediments	D
16	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 40190.1	Vegetable material	D
17	Determination of nitrogen content by titrimetric method and nitrogen substances by calculation	JPP ÚKZÚZ, procedure No. 10014.1	Animal feeding stuffs and raw materials for their production	D
18	Determination of nitrogen (nitrogenous substances) by titrimetric method	JPP ÚKZÚZ, procedure No. 40020.1; 40053.1	Vegetable material	D
19	Determination of nitrogen (nitrogenous substances) by titrimetric method	JPP ÚKZÚZ, procedure No. 50015.1	Vegetable and variety material	D
20	Reserved			
21	Determination of fat (oil) by gravimetric method	JPP ÚKZÚZ, procedure No. 10058.1	Animal feeding stuffs and raw materials for their production	D
22	Determination of fat (oil) by gravimetric method	JPP ÚKZÚZ, procedure No. 50078.1	Vegetable material	D
23	Reserved			
24	Determination of fibre by gravimetric method	JPP ÚKZÚZ, procedure No. 10068.1	Animal feeding stuffs and raw materials for their production	D
25	Determination of acid detergent and neutral detergent fibre (ADF, NDF) by gravimetric method	JPP ÚKZÚZ, procedure No. 10070.1; procedure No. 10080.1	Animal feeding stuffs and raw materials for their production	D
26	Determination of starch by polarimetric method	JPP ÚKZÚZ, procedure No. 10083.1	Animal feeding stuffs and raw materials for their production	D
27	Determination of starch by polarimetric method	JPP ÚKZÚZ, procedure No. 50030.1	Vegetable material	D

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
28	Determination of sugars by titrimetric method	JPP ÚKZÚZ, procedure No. 10084.1	Animal feeding stuffs and raw materials for their production	D
29	Determination of ash (loss caused by burning) by gravimetric method	JPP ÚKZÚZ, procedure No. 10004.1	Animal feeding stuffs and raw materials for their production	D
30	Determination of ash which is insoluble in hydrochloric acid by gravimetric method	JPP ÚKZÚZ, procedure No. 10005.1	Animal feeding stuffs and raw materials for their production	D
31	Determination of water-soluble chlorides as NaCl by titrimetric method	JPP ÚKZÚZ, procedure No. 10131.1	Animal feeding stuffs and raw materials for their production	D
32	Determination of vitamin A, E by HPLC/DAD, FLD method	JPP ÚKZÚZ, procedure No. 10381.1	Animal feeding stuffs and raw materials for their production	D
33	Determination of the Falling number chronometrically	JPP ÚKZÚZ, procedure No. 50140.1	Cereals	D
34	Sedimentation index – Zeleny test	JPP ÚKZÚZ, procedure No. 50150.1	Cereals	D
35	Determination of water absorption using farinograph	JPP ÚKZÚZ, procedure No. 50160.1	Cereals	D
36	Determination of fatty acids by GC/FID method	JPP ÚKZÚZ, procedure No. 50100.1	Vegetable material	B, D
37	Determination of glucosinolates by HPLC/DAD method	JPP ÚKZÚZ, procedure No. 50110.1	Vegetable material	D
38	Determination of selected parameters by NIRS method	JPP ÚKZÚZ, procedure No. 50050.1	Oil plants, legumes	D
39	Determination of selected parameters by NIRS method	JPP ÚKZÚZ, procedure No. 50050.1	Silage maize	D
40	Determination of selected parameters by NIRS method	JPP ÚKZÚZ, procedure No. 50050.1	Cereals, flour	D

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<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
41	Determination of selected parameters by NIRS method	JPP ÚKZÚZ, procedure No. 30980.3	Soil	D
42	Determination of polychlorinated biphenyls indicator congeners (PCB) and persistent organic chlorinated pesticides (OCP) by GC-MS/MS method	JPP ÚKZÚZ, procedure No. 30680.1; 30690.1	Soil, sludge, sediments	D
43	Determination of polychlorinated biphenyls indicator congeners (PCB) and persistent organic chlorinated pesticides (OCP) by GC-MS/MS method	JPP ÚKZÚZ, procedure No. 10580.1; 10590.1	Animal feeding stuffs and raw materials for their production	D
44	Determination of cannabinoids by GC/FID method	JPP ÚKZÚZ, procedure No. 40280.1	Vegetable material	D
45	Determination of selected feed additives by HPLC/DAD, FLD method	JPP ÚKZÚZ, procedure No. 10350.1; procedure No. 10360.1; procedure No. 10390.1; procedure No. 10400.1	Animal feeding stuffs and raw materials for their production	D
46	Multiresidual method for determination of pesticides by GC-MS/MS method	JPP ÚKZÚZ, procedure No. 10610.1	Animal feeding stuffs and raw materials for their production, Vegetable material	A, B, D
47	Multiresidual method for determination of pesticides by LC-MS/MS method	JPP ÚKZÚZ, procedure No. 10600.1	Animal feeding stuffs and raw materials for their production, Vegetable material	A, B, D
48	Multiresidual method for determination of pesticides by LC-MS/MS method	JPP ÚKZÚZ, procedure No. 10600.1	Soil	B, D



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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
49	Determination of selected elements by ICP-MS method	JPP ÚKZÚZ, procedure No. 40032.1; 40224.1	Vegetable material	B, D
50	Determination of selected elements by ICP-MS method	JPP ÚKZÚZ, procedure No. 10290.1; procedure No. 10300.1; procedure No. 10410.1; procedure No. 10412.1; procedure No. 10440.1; procedure No. 10470.1; procedure No. 10472.1	Animal feeding stuffs and raw materials for their production	B, D
51	Determination of methanol in glycerol by HS-GC/FID method	JPP ÚKZÚZ, procedure No. 10520.1	Glycerol	D
52	Determination of selected polybrominated diphenyl ethers by GC-MS/MS method	JPP ÚKZÚZ, procedure No. 30691.1	Soil, sludge, sediments	D
53	Determination of melamine and cyanuric acid by LC-MS/MS method	JPP ÚKZÚZ, procedure No. 10530.2	Animal feeding stuffs and raw materials for their production	D
54	Determination of glycerol by titrimetric method	JPP ÚKZÚZ, procedure No. 10200.1	Raw glycerol	D
55	Determination of water in glycerol by titrimetric method	JPP ÚKZÚZ, procedure No. 10220.1	Raw glycerol	D
56	Determination of vitamin D by LC-MS method	JPP ÚKZÚZ, procedure No. 10271.1	Animal feeding stuffs and raw materials for their production	D
57	Determination of selected polar residues of pesticides by LC-MS/MS method	JPP ÚKZÚZ, procedure No. 10605.4; 10606.1	Animal feeding stuffs and raw materials for their production, Vegetable material	B, D
58	Multiresidual method for determination of selected mycotoxins by LC-MS/MS method	JPP ÚKZÚZ, procedure No. 10575.1	Animal feeding stuffs and raw materials for their production, Vegetable material	B, D

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
59	Determination of natural toxins by LC-MS/MS method	JPP ÚKZÚZ, procedure No. 10576.1	Animal feeding stuffs and raw materials for their production	B, D
60	Determination of residues of dithiocarbamates by GC-MS/MS method determined indirectly as CS <sub>2</sub>	JPP ÚKZÚZ, procedure No. 10615.1	Animal feeding stuffs and raw materials for their production, Vegetable material	D
61	Determination of selected opium alkaloids by HPLC method with DAD detection	JPP ÚKZÚZ, procedure No. 50250.1	Poppy capsules	B, D
62	Determination of fluorides by ISE method	JPP ÚKZÚZ, procedure No. 10500.1	Animal feeding stuffs and raw materials for their production	D
63	Determination of urea by spectrophotometric method	JPP ÚKZÚZ, procedure No. 10012.1	Animal feeding stuffs and raw materials for their production	D
64	Determination of hydrocarbons C <sub>10</sub> – C <sub>40</sub> content by GC/FID method	JPP ÚKZÚZ, procedure No. 30720.1	Soil, sediments	D

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**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
3	P, K, Ca, Mg, Na, Cu, Zn, Ni, Co, Pb, Cd, Be, Cr, Al, Fe, Mn, As, S, Mo, V
4	P, K, Ca, Mg, Na, S

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
5	P, K, Ca, Mg, Na, Cu, Zn, Fe, Mn, S
6	Al, B, Ca, Cu, Fe, K, Mg, Mn, P, S, Zn
36	arachic acid, behenic acid, eicosanoic acid, erucic acid, lauric acid, lignoceric acid, linolenic acid, linolic acid, myristic acid, oleic acid, palmitic acid, stearic acid
38	Fat, oil, dry matter, nitrogenous substances
39	Dry matter, nitrogenous substances, digestible nitrogenous substances, fibre, acid detergent fibre and neutral detergent fibre, starch, sugar, cellulose
40	Dry matter, nitrogenous substances, starch, ash
41	Oxidizable carbon- COX, total nitrogen-NTOT, total organic carbon- TOC
42	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, HCB, alpha-HCH, beta-HCH, gamma-HCH, delta-HCH, o,p'-DDT, o,p'-DDD, o,p'-DDE, p,p'-DDT, p,p'-DDD, p,p'-DDE
43	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, HCB, alpha-HCH, beta-HCH, gamma-HCH, delta-HCH, o,p'-DDT, o,p'-DDD, o,p'-DDE, p,p'-DDT, p,p'-DDD, p,p'-DDE, aldrin, dieldrin, endrin, endrin-ke-ton, isodrin, heptachlor, alpha-heptachloroepoxide, beta-heptachloroepoxide, alpha-endosulfan, beta-endosulfan, endosulfan sulphate, alpha-chlordan, gamma-chlordan, oxychlordan, methoxychlor, mirex, congeners of toxaphene Parlar-26, Parlar-32, Parlar-50 and Parlar-62
44	THC, CBD
45	Salinomycin, monensin, narasin, robenidin, nicarbazin, lasalocid
46	Azinphos-ethyl, Azinphos-methyl, Azoxystrobin, Bifenox, Bifenthrin, Bixafen, Boscalid, Bromuconazole, Captan, Carbaryl, Carfentrazone-ethyl, Cyfluthrin, Cyhalothrin-lambda, Cypermethrin, Cyproconazole, Cyprodinil, Deltamethrin, Diazinon, Dicloran, Dicofol, Difenoconazole, Dichlorvos, Dichlormid, Dimethoate, Dimethomorph, Diphenylamine, Endosulfan, Endosulfan sulfate, Epoxiconazole, Ethion, Etofenprox, Ethofumesate, Famoxadone, Fenamidone, Fenbuconazole, Fenhexamid, Fenitrothion, Fenpropidin, Fenpropimorph, Fenthion, Fenvalerate, Fipronil, Flonicamid, Fludioxonil, Flufenacet, Flumioxazin, Fluquinconazole, Flurochloridone, Flusilazole, Flutolanil, Flutriafol, Fluvalinate-tau, Folpet, Isoxadifen-ethyl, Isoxaflutole, Hexaconazole, Chlorfenvinphos, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Indoxacarb, Iprodione, Iprovalicarb, Isoproturon, Kresoxim-methyl, Malaoxon, Malathion, Mefenpyr-diethyl, Mefentrifluconazole, Metalaxyl, Metconazole, Methacrifos, Methidathion, Metrafenone, Metribuzin, Monocrotophos, Myclobutanil, Napropamide, Nitrofen, Omethoate, Oxyfluorfen, Parathion, Penconazole, Pendimethalin, Permethrin, Phenthoate, Phosalone, Phosmet, Phtalimide, Picoxystrobin, Pirimicarb, Pirimiphos-methyl, Procymidone, Profenofos, Propiconazole, Propyzamide, Pyraflufen-ethyl, Pyrimethanil, Quinoxifen, Resmethrin, Spiroxamine, Tefluthrin, THPI, Tetraconazole, Triadimefon, Triadimenol, Triazophos, Trifloxystrobin, Trifluralin, Triticonazole, Vinclozolin

**Příloha je nedílnou součástí  
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**Accredited entity according to ČSN EN ISO/IEC 17025:2018:**

**Ústřední kontrolní a zkušební ústav zemědělský**  
CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
47	2,4-D, Acephate, Acetamiprid, Acetochlor, Aclonifen, Alachlor, Amidosulfuron, Aminopyralid, Atrazine, Azadirachtin, Azinphos-methyl, Azoxystrobin, Benalaxyl, Bentazone, Benzovindiflupyr, Bitertanol, Bixafen, Boscalid, Bromoxynil, Bromuconazole, Carbaryl, Carbendazim, Carbofuran, Carbofuran-3-hydroxy, Carboxin, Carfentrazone-ethyl, Clomazone, Clopyralid, Clothianidin, Cyantraniliprole, Cyazofamid, Cyflufenamid, Cymoxanil, Cyproconazole, Cyprodinil, Demeton-S-methylsulfone, Desmedipham, Diazinon, Difenoconazole, Diflubenzuron, Diflufenican, Dichlorprop, Dichlorvos, Dimethachlor, Dimethenamid, Dimethoate, Dimethomorph, Dimoxystrobin, Diuron, Epoxiconazole, Ethofumesate, Famoxadone, Fenamidone, Fenbuconazole, Fenhexamid, Fenoxaprop-P, Fenoxaprop-P-ethyl, Fenpropidin, Fenpropimorph, Fenpyroximate, Fenthion, Florasulam, Fluazifop, Fluazifop-P-butyl, Fluazinam, Fludioxonil, Flufenacet, Fluopicolide, Fluopyram, Fluoxastrobin, Flupyradifuron, Flurochloridone, Fluquinconazole, Fluroxypyr, Flusilazole, Flutolanil, Flutriafol, Fluvalinate-tau, Fluxapyroxad, Foramsulfuron, Forchlorfenuron, Halauxifen-methyl, Haloxyfop, Haloxyfop-etotyl, Haloxyfop-methyl, Hexaconazole, Hexazinone, Hexythiazox, Chlorantraniliprole, Chloridazon, Chlorotoluron, Chlorpropham, Chlorpyrifos, Chlorpyrifos-methyl, Chlorsulfuron, Imazalil, Imazamox, Imidacloprid, Indoxacarb, Iodosulfuron-methyl, Iprodione, Iprovalicarb, Isofetamid, Isoproturon, Isoxaflutole, Kresoxim-methyl, Linuron, Lenacil, Malaoxon, Malathion, Mandestrobin, Mandipropamid, MCPA, MCPB, Mecoprop, Mefenpyr-diethyl, Mefentrifluconazole, Mesosulfuron-methyl, Mesotrione, Metalaxyl, Metamitron, Metazachlor, Metconazole, Metobromuron, Methiocarb, Methiocarb sulfone, Methomyl, Methoxyfenozide, Metolachlor, Metrafenone, Metribuzin, Metsulfuron-methyl, Monocrotophos, Myclobutanil, Napropamide, Nicosulfuron, Omethoate, Paclobutrazol, Penconazole, Pencycuron, Pendimethalin, Penoxsulam, Pethoxamid, Phenmedipham, Phosalone, Phosmet, Phosphamidon, Picloram, Picolinafen, Picoxystrobin, Pinoxaden, Pirimicarb, Pirimicarb-desmethyl, Pirimiphos-methyl, Prochloraz, Propamocarb, Prometryn, Propachlor, Propaquizafop, Propiconazole, Propyzamide, Proquinazid, Prosulfocarb, Prothioconazole-desthio, Pyraclostrobin, Pyraflufen-ethyl, Pyridaben, Pyridate, Pyrimethanil, Pyriproxyfen, Pyroxsulam, Quinclorac, Quinmerac, Quinoxifen, Quizalofop-P, Quizalofop-P-ethyl, Quizalofop-P-tefuryl, Oxydemeton-methyl, Rimsulfuron, Silthiofam, Simazine, Spinosad, Spinosyn A, Spinosyn D, Spiroxamine, Sulfosulfuron, Tebuconazole, Tebufenozide, Tebufenpyrad, Tembotrione, Terbutylazine, Terbutryn, Tetraconazole, Thiabendazole, Thiacloprid, Thiamethoxam, Thiencarbazone-methyl, Thifensulfuron-methyl, Thiodicarb, Thiophanate-methyl, Triadimefon, Triadimenol, Tri-Allate, Triasulfuron, Triazophos, Tribenuron-methyl, Triclopyr, Trifloxystrobin, Triflusulfuron-methyl, Trinexapac, Trinexapac-ethyl, Triticonazole, Tritosulfuron, Zoxamide
48	2,4-D, Acetamiprid, Acetochlor, Aclonifen, Alachlor, Amidosulfuron, Aminopyralid, Asulam, Atrazine, Atrazine-2-hydroxy, Atrazine-desethyl, Atrazine-desethyl-desisopropyl, Atrazine-desisopropyl, Azoxystrobin, Bentazone, Boscalid, Bromoxynil, Carbendazim, Chlorantraniliprole, Chloridazon, Chlorotoluron, Chlorpropham, Chlorpyrifos, Chlorsulfuron, Clomazone, Clopyralid, Cyflufenamid, Cymoxanil, Cyproconazole, Desmedipham, Dicamba, Dichlorprop, Difenoconazole, Diflufenican, Dimethachlor, Dimethenamid, Dimethoate,

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

**Ústřední kontrolní a zkušební ústav zemědělský**  
CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	Dimethomorph, Dimoxystrobin, Diuron, Epoxiconazole, Ethofumesate, Fenhexamid, Fenpropidin, Fenpropimorph, Fenpyroximate, Florasulam, Fluazifop, Fluazifop-P-butyl, Fludioxonil, Flufenacet, Fluopicolide, Fluopyram, Fluoxastrobin, Flurochloridone, Fluroxypyr, Flusilazole, Fluvalinate-tau, Foramsulfuron, Haloxyfop, Haloxyfop-methyl, Hexazinone, Imazamox, Iodosulfuron-methyl, Iprovalicarb, Isoproturon, Isoxaflutole, Lenacil, Linuron, MCPA, Mecoprop, Mefenpyr-diethyl, Mesotrione, Metalaxyl, Metamitron, Metazachlor, Metconazole, Methomyl, Methoxyfenozide, Metolachlor, Metribuzin, Metsulfuron-methyl, Napropamide, Nicosulfuron, Omethoate, Penconazole, Pendimethalin, Pethoxamid, Phenmedipham, Picloram, Picoxystrobin, Pinoxaden, Pirimiphos-methyl, Prochloraz, Prometryn, Propachlor, Propamocarb, Propaquizafop, Propiconazole, Propyzamide, Proquinazid, Prothioconazole-desthio, Pyraclostrobin, Pyridate, Pyroxsulam, Quinclorac, Quinmerac, Quinoxifen, Quizalofop, Quizalofop-P-ethyl, Rimsulfuron, Simazine, Spiroxamine, Sulfosulfuron, Tebuconazole, Tebufenpyrad, Terbutylazine, Terbutylazine-2-hydroxy, Terbutylazine-desethyl, Terbutryn, Tetraconazole, Thiacloprid, Thiencarbazone-methyl, Thifensulfuron-methyl, Thiophanate-methyl, Triadimenol, Triasulfuron, Triclopyr, Trifloxystrobin, Trinexapac-ethyl, Tritosulfuron
49	Pb, As, Mo, Ni, Cu, Mn, Co, B, Be, Al, Cd, Zn, V, Cr, Fe
50	Cd, Pb, Cr, As, Se, I, Co, Ni
52	PBDE 28, 47, 66, 85, 99, 100, 153, 154, 183
57	Chlormequat, mepiquat, glyphosate, N-acetyl-glyphosate, glufosinate, aminomethylphosphonic acid (AMPA), N-acetyl-glufosinate (NAG), Fosetyl-Al, Ethephon, 3-methylphosphinicopropionic acid (MPP)
58	Aflatoxin B1, B2, G1, G2, T-2 toxin, deoxynivalenol, ochratoxin A, enniatin A, A1, B, B1, fumonisin B1, fumonisin B2, beauvericin, zearalenon, HT-2 toxin
59	Ergocornine, ergocorninine, ergosine, ergosinine, ergocrystine, ergocrystinine, ergocryptine, ergocryptinine, ergotamine, ergotaminine, ergometrine, ergometrinine, retrosine, monokrotaline, senecionine, senecifiline, senkirkine
61	Morphine

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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

**3. ÚKZÚZ, NRL, Division of NRL Opava**

**Tests:**

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested object</b>	<b>Degrees of freedom<sup>3</sup></b>
1	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 10002.1	Animal feeding stuffs and raw materials for their production	-
2	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 40010.1	Vegetable material	-
3	Determination of moisture (dry matter) by gravimetric method	JPP UKZÚZ, procedure No. 30020.1	Soil, sludge, sediments	-
4	Determination of ash by gravimetric method	JPP ÚKZÚZ, procedure No. 10004.1	Animal feeding stuffs and raw materials for their production	-
5	Determination of organic substances (loss caused by burning, burnable substances) by gravimetric method	JPP ÚKZÚZ, procedure No. 30900.1	Soil, sludge, sediments	-
6	Determination of fat (oil) by gravimetric method	JPP ÚKZÚZ, procedure No. 10058.1	Animal feeding stuffs and raw materials for their production	-
7	Determination of fat (oil) by gravimetric method	JPP ÚKZÚZ, procedure No. 10060.1	Animal feeding stuffs and raw materials for their production	-
8	Determination of fibre by gravimetric method	JPP ÚKZÚZ, procedure No. 10068.1	Animal feeding stuffs and raw materials for their production	-
9	Reserved			
10	Determination of ash which is insoluble in hydrochloric acid by gravimetric method	JPP ÚKZÚZ, procedure No. 10005.1	Animal feeding stuffs and raw materials for their production	-
11	Determination of water-soluble chlorides as NaCl by titrimetric method	JPP ÚKZÚZ, procedure No. 10131.1	Animal feeding stuffs and raw materials for their production	-

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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested object</b>	<b>Degrees of freedom<sup>3</sup></b>
12	Determination of starch by polarimetric method	JPP ÚKZÚZ, procedure No. 10083.1	Animal feeding stuffs and raw materials for their production	-
13	Determination of sugars by titrimetric method	JPP ÚKZÚZ, procedure No. 10084.1	Animal feeding stuffs and raw materials for their production	-
14	Determination of nitrogen content by titrimetric method and nitrogen substances by calculation	JPP ÚKZÚZ, procedure No. 10014.1	Animal feeding stuffs and raw materials for their production	-
15	Determination of nitrogen by titrimetric method	JPP ÚKZÚZ, procedure No. 40018.1; procedure No. 40053.1	Vegetable material	-
16	Reserved			
17	Determination of robenidine by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10390.1	Animal feeding stuffs and raw materials for their production	-
18	Determination of vitamin A, E by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10380.1	Animal feeding stuffs and raw materials for their production	-
19	Reserved			
20	Determination of phosphorus by spectrophotometric method	JPP ÚKZÚZ, procedure No. 40018.1; procedure No. 40060.1	Vegetable material	-
21	Determination of selected feed additives by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10350.1	Animal feeding stuffs and raw materials for their production	-
22	Determination of polycyclic aromatic hydrocarbons by HPLC method with UV and FL detection	JPP ÚKZÚZ, procedure No. 40260.1	Vegetable material	-

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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure / method identification<sup>2</sup></b>	<b>Tested object</b>	<b>Degrees of freedom<sup>3</sup></b>
23	Determination of polycyclic aromatic hydrocarbons by HPLC method with UV and FL detection	JPP ÚKZÚZ, procedure No. 30660.1	Soil, sludge, sediments	-
24	Reserved			
25	Determination of selected elements by FAES method	JPP ÚKZÚZ, procedure No. 40018.1; 40080.1	Vegetable material	-
26	Determination of selected elements by FAES method	JPP ÚKZÚZ, procedure No. 10450.1	Animal feeding stuffs and raw materials for their production	-
27	Reserved			
28	Determination of selected elements by FAAS method	JPP ÚKZÚZ, procedure No. 40018.1; procedure No. 40034.1; procedure No. 40070.1; procedure No. 40110.1	Vegetable material	-
29	Determination of soil granularity by pipetting method and gravimetric method	JPP ÚKZÚZ, procedure No. 30250.1	Soil, sludge, sediments	-
30	Determination of soil pH - ISE	JPP ÚKZÚZ, procedure No. 30040.1; procedure No. 30041.1; procedure No. 30042.1	Soil, sludge, sediments	-
31	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 10150.1; procedure No. 10320.1; procedure No. 10480.1; procedure No. 10282.1	Animal feeding stuffs and raw materials for their production	-
32	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 30068.1; procedure No. 30074.1	Soil, sludge, sediments	-



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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure / method identification <sup>2</sup>	Tested object	Degrees of freedom <sup>3</sup>
33	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 30350.2; procedure No. 30360.1; procedure No. 30500.2	Soil, sludge, sediments	-
34	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 40018.1; procedure No. 40030.1; procedure No. 40032.1; procedure No. 40034.1; procedure No. 40090.1; procedure No. 40100.1	Vegetable material	-
35	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 10420.1	Animal feeding stuffs and raw materials for their production	-
36	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 30460.1	Soil, sludge, sediments	-
37	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 40190.1	Vegetable material	-
38	Determination of parameters by NIRS method (fat (oil))	JPP ÚKZÚZ, procedure No. 50050.1	Vegetable material	-
39	Determination of selected parameters by NIRS method	JPP ÚKZÚZ, procedure No. 50050.1	Vegetable material	-
40	Determination of theobromin and caffeine by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10542.2	Animal feeding stuffs and raw materials for their production	-

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes

<sup>3</sup> degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
21	Salinomycin, monensin and narasin
22-23	Naphthalene, acenaphthylene, acenaphthene, fluorene, fluoranthene, phenanthrene, anthracene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene, benzo(e)pyrene, perylene
25	Na, K
26	Pb, Cd
28	Ca, Mg, Pb, Cd
29	Designated fractions: particles below 0,001 mm, particles below 0,002 mm, particles below 0,006 mm, particles below 0,01 mm, particles below 0,05 mm, particles below 0,063 mm, particles from 0,001 to 0,01 mm, particles from 0,01 to 0,05 mm, particles from 0,051 to 0,25 mm, particles from 0,25 to 2,0 mm, particles from 2,0 to 4,0 mm
31	Zn, Co, Ni, Cr, Cu, Mn, Fe, Ca, K, Mg, Na, P, As, Se
32	Al, Ca, Cd, K, Mg, P, S, Cu, Mn, Zn, Fe, B
33	Zn, Co, Ni, Cr, V, Be, Cu, Mn, Mo, Fe, Al, Ca, K, Mg, Na, P, S, As, Pb, Cd
34	Al, As, B, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, S, V, Zn
39	Dry matter, nitrogenous substances, digestible nitrogenous substances, fibre, acidodetergent fibre (ADF), neutral detergent fibre (NDF), starch, sugar, cellulose

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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

**4. ÚKZÚZ, NRL, Department of NRL Plzeň**

**Tests:**

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure/ method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
1	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No.30020.1	Soil, sludge, sediments	D
2	Determination of moisture by gravimetric method and calculation of dry matter	JPP ÚKZÚZ, procedure No. 20001.1	Fertilizers and raw materials for their production	D
3	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 40010.1	Vegetable material	D
4	Determination of nitrogen by titrimetric method	JPP ÚKZÚZ, procedure No. 40020.1; procedure No. 40053.1	Vegetable material	D
5	Reserved			
6	Determination of phosphorus by spectrophotometric method	JPP ÚKZÚZ, procedure No. 40020.1; procedure No. 40060.1	Vegetable material	D
7	Determination of sodium by FAES method	JPP ÚKZÚZ, procedure No. 40034.1, procedure No. 40080.1	Vegetable material	D
8	Determination of potassium by FAES method	JPP ÚKZÚZ, procedure No. 40020.1; procedure No. 40080.1	Vegetable material	D
9	Reserved			
10	Determination of selected elements by FAAS method	JPP ÚKZÚZ, procedure No. 40020.1; procedure No. 40070.1	Vegetable material	D
11 - 12	Reserved			
13	Determination of pH value by electrochemical method	JPP ÚKZÚZ, procedure No. 20221.1; procedure No. 20376.1	Fertilizers and raw materials for their production	D
14	Determination of pH value by electrochemical method	JPP ÚKZÚZ, procedure No. 30040.1	Soil, sludge, sediments	D

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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
15	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 30350.2; 30500.2	Soil, sludge, sediments	D
16	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 20061.1; procedure No. 20062.1; procedure No. 20070.3	Fertilizers and raw materials for their production	D
17	Determination of sulphur by ICP-OES method	JPP ÚKZÚZ, procedure No. 40030.1; procedure No. 40100.1	Vegetable material	D
18	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 40034.1; procedure No. 40090.1; procedure No. 40100.1	Vegetable material	D
19	Determination of selected elements by ICP-OES method	JPP ÚKZÚZ, procedure No. 30068.1; procedure No. 30074.1	Soil, sludge, sediments	D
20	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 20110.1	Fertilizers and raw materials for their production	D
21	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 40190.1	Vegetable material	D
22	Determination of mercury using AMA instrument	JPP ÚKZÚZ, procedure No. 30460.1	Soil, sludge, sediments	D
23	Determination of ammonium nitrogen by titrimetric method	JPP ÚKZÚZ, procedure No. 20130.1	Fertilizers and raw materials for their production	D
24	Determination of amidic nitrogen by spectrophotometric method	JPP ÚKZÚZ, procedure No. 20150.1	Fertilizers and raw materials for their production	D
25	Determination of nitrate and ammonium nitrogen pursuant to Devard by titrimetric method	JPP ÚKZÚZ, procedure No. 20131.1	Fertilizers and raw materials for their production	D

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Hroznová 63/2, Brno, 603 00, Czech Republic

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
26	Determination of total nitrogen in urea by titrimetric method	JPP ÚKZÚZ, procedure No. 20134.1	Fertilizers and raw materials for their production	D
27	Determination of total nitrogen pursuant to Jodlbauer by titrimetric method	JPP ÚKZÚZ, procedure No. 20135.2	Fertilizers and raw materials for their production	D
28 - 29	Reserved			
30	Determination of water-soluble phosphorus by gravimetric method	JPP ÚKZÚZ, procedure No. 20161.1	Fertilizers and raw materials for their production	D
31 - 32	Reserved			
33	Determination of water-soluble potassium by gravimetric method	JPP ÚKZÚZ, procedure No. 20171.1	Fertilizers and raw materials for their production	D
34	Determination of calcium and magnesium by complexometric titrimetric method	JPP ÚKZÚZ, procedure No. 20180.1	Fertilizers and raw materials for their production	D
35	Reserved			
36	Determination of calcium and magnesium by FAAS method (total and water-soluble)	JPP ÚKZÚZ, procedure No. 20065.1; procedure No. 20066.1; procedure No. 20064.1	Fertilizers and raw materials for their production	D
37	Reserved			
38	Determination of water-soluble chlorides in absence of organic matter by titrimetric method	JPP ÚKZÚZ, procedure No. 20021.1	Fertilizers and raw materials for their production	D
39	Determination of biuret in urea by spectrophotometric method	JPP ÚKZÚZ, procedure No. 20151.1	Fertilizers and raw materials for their production	D
40	Determination of ash and burnable substances by gravimetric method	JPP ÚKZÚZ, procedure No. 20010.1	Fertilizers and raw materials for their production	D

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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
41	Determination of fineness of particles by granulometric method	JPP ÚKZÚZ, procedure No. 20231.1	Fertilizers and raw materials for their production	D
42	Determination of phosphorus soluble in solution of neutral ammonium citrate by gravimetric method	JPP ÚKZÚZ, procedure No. 20162.1	Fertilizers and raw materials for their production	D
43	Determination of sulphur by gravimetric method (total and water-soluble – sulfate form)	JPP ÚKZÚZ, procedure No. 20190.	Fertilizers and raw materials for their production	D
44	Determination of electric conductivity by electrochemical method	JPP ÚKZÚZ, procedure No. 20030.1	Fertilizers and raw materials for their production	D
45	Determination of carbon and nitrogen by elemental analysis	JPP ÚKZÚZ, procedure No. 30995.1	Soil, sludge, sediments	D
46	Determination of total nitrogen pursuant to Dumas	JPP ÚKZÚZ, procedure No. 40058.1	Vegetable material	D

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<sup>3</sup> degree of freedom: A - Flexibility concerning materials/products (subject of the test), B - Flexibility concerning components/parameters/ characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
10	Ca, Mg
15	As, Be, Cd, Co, Cr, Cu, Mo, Ni, Pb, V, Zn

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
16	Al, As, B, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, S, V, Zn Expressed as P <sub>2</sub> O <sub>5</sub> or P <sub>2</sub> O <sub>5</sub> in dry matter Expressed as K <sub>2</sub> O or K <sub>2</sub> O in dry matter Expressed as MgO or MgO in dry matter Expressed as: CaO or CaO in dry matter
18	Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mo, Mn, Na, Ni, P, Pb, V, Zn
19	Al, B, Ca, Cu, Fe, K, Mg, Mn, P, S, Zn
23-25	Expressed as N
30	Expressed as P <sub>2</sub> O <sub>5</sub>
33	Expressed as K <sub>2</sub> O
34	Expressed as: magnesium as MgO or MgCO in dry matter, magnesium or MgCO <sub>3</sub> or MgCO <sub>3</sub> in dry matter, calcium as CaO or CaO in dry matter, calcium as CaCO <sub>3</sub> or CaCO <sub>3</sub> in dry matter, sum of calcium and magnesium is being expressed as: CaCO <sub>3</sub> + MgCO <sub>3</sub> , CaCO <sub>3</sub> + MgCO <sub>3</sub> in dry matter, or as CaO + MgO
36	Expressed as: magnesium as MgO or MgCO in dry matter, magnesium or MgCO <sub>3</sub> or MgCO <sub>3</sub> in dry matter, calcium as CaO or CaO in dry matter, calcium as CaCO <sub>3</sub> or CaCO <sub>3</sub> in dry matter, sum of calcium and magnesium is being expressed as: CaCO <sub>3</sub> + MgCO <sub>3</sub> , CaCO <sub>3</sub> + MgCO <sub>3</sub> in dry matter, or as CaO + MgO
40	Expressed as: ash, ash in dry matter, burnable substances in dry matter
42	Expressed as P <sub>2</sub> O <sub>5</sub>
43	Expressed as: sulphate form as S, SO <sub>3</sub> <sup>2-</sup> or SO <sub>4</sub> <sup>2-</sup>

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Hroznová 63/2, Brno, 603 00, Czech Republic

**5. ÚKZÚZ, NRL, Department of Special Analysis of Vegetable Material and Feeding Stuffs**

**Tests:**

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure/ method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
1	Testing of potato plants and varieties for presence of viruses by ELISA method	JPP ÚKZÚZ, procedure No. 40310.1	Potato tuber and haulm	-
2	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 10001.1	Animal feeding stuffs and raw materials for their production	-
3	Determination of moisture (dry matter) by gravimetric method	JPP ÚKZÚZ, procedure No. 50010.1	Vegetable material	-
4	Determination of nitrogen content by titrimetric method and nitrogen substances by calculation	JPP ÚKZÚZ, procedure No. 10014.1	Animal feeding stuffs and raw materials for their production, Vegetable material	-
5	Determination of fat by gravimetric method	JPP ÚKZÚZ, procedure No. 10058.1	Animal feeding stuffs and raw materials for their production	-
6	Determination of fat in oil seeds by gravimetric method	JPP ÚKZÚZ, procedure No. 10060.1	Animal feeding stuffs and raw materials for their production	-
7	Determination of fibre by gravimetric method	JPP ÚKZÚZ, procedure No. 10068.1	Animal feeding stuffs and raw materials for their production, Vegetable material	-
8	Determination of ash by gravimetric method	JPP ÚKZÚZ, procedure No. 10004.1	Animal feeding stuffs and raw materials for their production	-
9	Determination of starch by polarimetric method	JPP ÚKZÚZ, procedure No. 10083.1	Animal feeding stuffs and raw materials for their production	-
10	Determination of sugars by titrimetric method	JPP ÚKZÚZ, procedure No. 10084.1	Animal feeding stuffs and raw materials for their production, Vegetable material	-



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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
11	Determination of total phosphorus by spectrophotometric method	JPP ÚKZÚZ, procedure No. 10128.1	Animal feeding stuffs and raw materials for their production	-
12	Determination of water-soluble chlorides as NaCl by titrimetric method	JPP ÚKZÚZ, procedure No. 10129.1	Animal feeding stuffs and raw materials for their production	-
13	Determination of amino acids by LC method with UV detection	JPP ÚKZÚZ, procedure No. 10021.1	Animal feeding stuffs and raw materials for their production	-
14	Determination of content of selected elements by FAAS method	JPP ÚKZÚZ, procedure No. 10325.1	Animal feeding stuffs and raw materials for their production	-
15	Determination of content of selected elements by FAAS/FAES method	JPP ÚKZÚZ, procedure No. 10135.1	Animal feeding stuffs and raw materials for their production	-
16	Determination of vitamin A, E by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10380.1	Animal feeding stuffs and raw materials for their production	-
17	Determination of robenidin and nicarbazin by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10390.1; 10360.1	Animal feeding stuffs and raw materials for their production	-
18	Determination of selected feed additives by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10350.1	Animal feeding stuffs and raw materials for their production	-
19	Determination of fatty acids in fats and oils by GC method with FID detector	JPP ÚKZÚZ, procedure No. 10040.1	Oil seeds, Animal feeding stuffs and raw materials for their production	-
20	Determination of glucosinolates by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10540.1	Rape seeds and products of their processing	-
21	Determination of arsenic by AAS HG method	JPP ÚKZÚZ, procedure No. 10430.1	Animal feeding stuffs and raw materials for their production	-

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
22	Determination of cadmium and lead by AAS method	JPP ÚKZÚZ, procedure No. 10450.1	Animal feeding stuffs and raw materials for their production	-
23	Determination of mercury by spectrophotometric method	JPP ÚKZÚZ, procedure No. 10420.1	Animal feeding stuffs and raw materials for their production	-
24	Determination of 5-vinyl-2-thioxazolidone (goitrin) by GC method with FID detector	JPP ÚKZÚZ, procedure No. 10550.1	Animal feeding stuffs and raw materials for their production	-
25	Determination of phytase activity by spectrophotometric method	JPP ÚKZÚZ, procedure No. 10100.1	Animal feeding stuffs and raw materials for their production	-
26	Determination of total and free tryptophan by HPLC/FLD method	JPP ÚKZK, procedure No. 10023.2	Animal feeding stuffs and raw materials for their production	-
27	Determination of methionin hydroxyanalogue by HPLC method with UV detection	JPP ÚKZÚZ, procedure No. 10330.1	Animal feeding stuffs and raw materials for their production	-

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Hroznová 63/2, Brno, 603 00, Czech Republic

**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1	Designated viruses: LR, Y, A, X, M, S (PrimeDiagnostic)
13	Alanine, arginine, cystine, glycine, histidine, asparagine acid, glutamic acid, isoleucine, leucine, lysine, methionine, phenylalanine, proline, serine, threonine, tyrosine, valine
14	Cu, Mn, Fe, Zn
15	Na, K, Ca, Mg
18	Monensin, salinomycin, narasin
19	Capronic acid (C6:0), caprylic acid (C8:0), capric acid (C10:0), undecanoic acid (C11:0), lauric acid (C12:0), tridecanoic acid (C13:0), myristic acid (C14:0), myristoleic acid (C14:1), pentadecanoic acid (C15:0), cis-10-pentadecenoic acid (C15:1), palmitic acid (C16:0), palmiticoleic acid (C16:1), heptadecanoic acid (C17:0), cis-10-heptadecenoic acid (C17:1), stearic acid (C18:0), trans-9-elaidic acid (C18:1), cis-9-oleic acid (C18:1), trans, trans 9,12-linolelaidic acid (C18:2), cis,cis-9,12-linoleic acid (C18:2), arachic acid (C20:0), all cis-6,9,12- $\gamma$ linolenic acid (C18:3), cis-9-gadoleic acid (C20:1), cis-11-gondic acid (C20:1), all cis-9,12,15- $\alpha$ linolenic acid (C18:3), heneicosanoic acid (C21:0), cis-11,14-eicosadienic acid (C20:2), behenic acid (C22:0), all cis-8,11,14-eicosatrienic acid (C20:3), cis-13-erucic acid (C22:1), all cis-5,8,11,14-arachidonic acid (C20:4), tricosanoic acid (C23:0), cis,cis-13,16-dokosadienic acid (C22:2), lignoceric acid (C24:0), all cis-5,8,11,14,17-eicosapentaenic acid (EPA,C20:5), cis-15-nervonic acid (C24:1), all cis-4,7,10,13,16,19-docosahexaenic acid (DHA,C22:6)
20	Glucorafanin, glucotropaeolin, glucoiberin, progointrin, epiprogoittrin, sinigrin, gluconapoleiferin, glucoalyssin, gluconapin, 4-hydroxyglucobrassicin, glucobrassicinapin, 4-methoxyglucobrassicin, gluconasturtiin, gluconeobrassicin, glucobrassicin

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Hroznová 63/2, Brno, 603 00, Czech Republic

**6. ÚKZÚZ, NRL, Department of microbiology and biochemistry**

**Tests:**

Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
1	Detection of presence of GMO by PCR method	JPP ÚKZÚZ, procedure No. 60071.1; procedure No. 60072.1; procedure No. 60073.1; procedure No. 60074.1; procedure No. 10251.1; procedure No. 10252.1; procedure No. 10253.1; procedure No. 10700.1; procedure No. 10254.1; procedure No. 10255.1; procedure No. 10257.1; procedure No. 10258.1; procedure No. 10259.1	Vegetable material	B, D
2	Determination of influence of chemicals on respiration induced by substrate by incubation test	JPP ÚKZÚZ, procedure No. 31200.1	Fertilizers and raw materials for their production	-
3	Determination of influence of chemicals, soils and soil extracts on short-term nitrification activity	JPP ÚKZÚZ, procedure No. 31220.2	Fertilizers and raw materials for their production	-
4	Test of reproduction inhibition of <i>Enchytraeus crypticus</i>	JPP ÚKZÚZ, procedure No. 31290.1	Fertilizers and raw materials for their production	-
5	Test of reproduction inhibition and mortality of <i>Folsomia candida</i>	JPP ÚKZÚZ, procedure No. 31300.1	Fertilizers and raw materials for their production	-
6	Qualitative determination of screening elements and genetic modifications by qPCR method using Rotor-Gene Probe PCR kit	JPP ÚKZÚZ, procedure No. 10262.1, 10263.1	Vegetable material	B, D

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
7	Quantitative determination of genetic modifications by qPCR method using Rotor-Gene Probe PCR kit, absolute quantification method	JPP ÚKZÚZ, procedure No. 10264.1, 10265.1	Vegetable material	B, D
8	Test of the effects of chemicals on the root length of lettuce <i>Lactuca sativa</i>	JPP ÚKZÚZ, procedure No. 31268.1	Fertilizers and raw materials for their production	-

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**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1	Determined screening elements: alcohol dehydrogenase C, UDP-glucose pyrophosphorylase, starch invertase, phospholipase D, gene coding group of proteins I/Y, cruciferin A, soy lectin, promotor 35S, terminator NOS, promotor FMV, bar, Cry1Ab, Ctp2-cp4epsps, cp4 epsps, nptII, pat, CaMV. Determined transgens: Cotton: 281-24-236 x 3006-210-23, GHB119, GHB614, LLCotton25, MON531, MON1445, MON15985, MON88913, T304-40, MON88701. Potato: EH-92-527-1. Corn: Bt11, Bt176, CBH351, DAS1507, DAS40278, DAS59122, GA21, GAT 98140, MIR604, MIR162, MON810, MON863, MON87460, MON88017, MON89034, NK603, T25, 3272, MON 87427, 5307, VCO-01981-5, DP4114-3, MON87403, MON87411, MZIR098. Rice: Bt63, LL601, LL62. Rape: GT73, MS1xRF1, MS1xRF2, MS8xRf3, T45, TOPAS19/2 (HCN92), DP073496.

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<b>Ordinal test number</b>	<b>Detailed information on activities within the scope of accreditation (determined analytes)</b>
	Soya: A2704-12, A5547-127, BPS-CV127-9, DP305423-1, DP356043, FG72, MON40-3-2, MON87701, MON87705, MON87708, MON89788, DAS 68416-4, MON 87769, DAS 81419-2, DAS 44406-6, MON87751.
6	Determined screening elements: bar. Determined transgens: Corn: GAT 98140, MON810. Soya: MON40-3-2, MON89788, MON87701.
7	Determined transgens: Corn: MON810. Soya: MON40-3-2, MON89788, MON87701.

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CAB number 1071, National Reference Laboratory  
Hroznová 63/2, Brno, 603 00, Czech Republic

**7. ÚKZÚZ, NRL, Department of Testing Plant Protection Products**

**Tests:**

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure/ method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
1	Determination of density by tensiometer	SOP-FCH-07-01 (CIPAC MT 3.1; CIPAC MT 3.3.1)	Plant protection products – liquid formulations	D
2	Determination of pH by potentiometric method	SOP-FCH-07-02 (CIPAC MT 75.3)	Plant protection products	D
3	Determination of remains on sieve by gravimetric method	SOP-FCH-07-07 (CIPAC MT 185)	Plant protection products applicable as dispersion in water	D
4	Determination of wetting by visual method	SOP-FCH-07-05 (CIPAC MT 53.3.1)	Plant protection products – wettable powders and granulates	D
5	Determination of water pursuant to Karl Fischer	SOP-CH-07-01 (CIPAC MT 30.5)	Plant protection products, whose active substances or formulants do not react with reagent used	D
6	Determination of stability of pesticide aqueous solutions after dilution by visual method	SOP-FCH-07-06 (CIPAC MT 41.1)	Plant protection products, aqueous solutions	D
7	Determination of stability of liquid formulations at 0 °C by visual method	SOP-FCH-07-03 (CIPAC MT 39.3)	Plant protection products – liquid formulations	D
8	Determination of particle size distribution by laser diffraction method	SOP-FCH-08-01 (CIPAC MT 187)	Plant protection products	D
9	Determination of remains on sieve by gravimetric method	SOP-FCH-08-03 (CIPAC MT 167)	Plant protection products applicable as dispersion in water	D
10	Determination of pourability of (the residue R) and the rinsed residue (r) by gravimetric method	SOP-FCH-08-02 (CIPAC MT 148; CIPAC MT 148.1)	Plant protection products – liquid formulations	D
11	Determination of persistent foaming by visual method	SOP-FCH-10-01 (CIPAC MT 47.2, 47.3)	Plant protection products	D

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Ordinal number <sup>1</sup>	Test procedure / method name	Test procedure/ method identification <sup>2</sup>	Tested subject	Degrees of freedom <sup>3</sup>
12	Determination of emulsion stability of EC and EW formulations by visual method	SOP-FCH-10-02 (CIPAC MT 36.3)	Plant protection products – emulsifiable concentrates and oil type emulsions in water	D
13	Determination of sulphate ash by gravimetric method	SOP-FCH-17-01 (CIPAC MT 29)	Plant protection products	D
14	Determination of surface tension by tensiometer	SOP-FCH-17-02 (OECD 115)	Plant protection products	-
15	Determination of dispersibility of water dispersible granules by gravimetric method	SOP-FCH-19-01 (CIPAC MT 174)	Plant protection products	D
16	Determination of free chlorophenols as 2,4-dichlorophenol or as 4-chloro-2-methylphenol by spectrophotometric method	SOP-CH-10-01 (CIPAC MT 69.1-69.6)	Plant protection products, which contain phenoxy acid as the active substance	D
17	Determination of xylene in EC formulations by GC method with FID detection	SOP-CH-07-02	Plant protection products – emulsifiable concentrates	D
18	Determination of glyphosate by HPLC method with UV detection	SOP-CH-10-02 (CIPAC 284/SL/(M)/-)	Plant protection products	D
19	Determination of dibasic and tribasic alcohols by GC method with FID detection	SOP-CH-14-01	Plant protection products	B
20	Determination of toluene by headspace GC method with FID detection	SOP-CH-17-01 (CIPAC MT 198)	Plant protection products	D
21	Determination of formulation additives in PPP by HPLC method using MS detection	SOP-CH-17-02	Plant protection products	B



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<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure/ method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
22	Determination of formulation additives and impurities in PPP by GC method with MS detection	SOP-CH-19-01	Plant protection products	B
23	Determination of active substances in PPP by GC method with FID detection	SOP-CH-19-02	Plant protection products	B
24	Determination of active substances in PPP by liquid chromatography with UV detection	SOP-CH-19-03	Plant protection products	B
25	Determination of dustiness of granulated formulations by gravimetric method	SOP-FCH-19-06 (CIPAC MT 171.1)	Plant protection products	D
26	Determination of solubility and stability of the solution by gravimetric method	SOP-FCH-19-05 (CIPAC MT 179, 179.1)	Plant protection products	D
27	Determination of dispersed stability of suspoemulsions by visual method	SOP-FCH-19-04 (CIPAC MT 180)	Plant protection products	D
28	Determination of suspensibility of formulations forming suspensions on dilution with water by gravimetric method	SOP-FCH-19-02 (CIPAC MT 184, 184.1)	Plant protection products	D
29	Determination of suspensibility of formulations forming suspensions on dilution with water by GC method with FID detection	SOP-FCH-19-02 (CIPAC MT 184, 184.1)	Plant protection products	B

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Hroznová 63/2, Brno, 603 00, Czech Republic

<b>Ordinal number<sup>1</sup></b>	<b>Test procedure / method name</b>	<b>Test procedure/ method identification<sup>2</sup></b>	<b>Tested subject</b>	<b>Degrees of freedom<sup>3</sup></b>
30	Determination of suspensibility of formulations forming suspensions on dilution with water by liquid chromatography method with UV detection	SOP-FCH-19-02 (CIPAC MT 184, 184.1)	Plant protection products	B
31	Determination of spontaneity of dispersion of suspension concentrates by GC method with FID detection	SOP-FCH-19-03 (CIPAC MT 160)	Plant protection products	B
32	Determination of spontaneity of dispersion of suspension concentrates by liquid chromatography method with UV detection		Plant protection products	B
33	Determination of density by pycnometric method	SOP-FCH-23-01 (CIPAC MT 3.2.1)	Plant protection products – liquid formulations	D
34	Determination of density by bottle method	SOP-FCH-21-01 (CIPAC MT 3.3.2)	Plant protection products – liquid formulations	D
35	Determination of formulation additives and impurities in PPP by GC method with FID detection	SOP-CH-22-01	Plant protection products	B
36	Determination of formulation additives and impurities in PPP by LC method with MS detection	SOP-CH-23-01	Plant protection products	B

<sup>1</sup> asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises

<sup>2</sup> 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 valid edition of the specified procedure is used (including any changes)

<sup>3</sup> degree of freedom: A - Flexibility concerning materials/products (subject of the test), B - Flexibility concerning components/parameters/ characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

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The laboratory can modify the test procedures with the specified degree(s) of freedom in the scope of accreditation while maintaining the principle of measurement. If no degree of freedom is specified, the laboratory cannot apply a flexible approach to the scope of accreditation for the test.

**Specification of the scope of accreditation:**

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
19	Propylene glycol, ethylene glycol, glycerol, 1,6-hexandiol
21	1,2-benzisothiazol-3-on, 2-methyl-4-isothiazolin-3-one
22	1,2,3-TMB, 1,2,4-TMB, 1-butanol, 1-methylnaphthalene, 1-pentanol, 2-ethyl-1-hexanol, 2-methyl-1-butanol, 2-methylnaphthalene, acetophenone, benzyl alcohol, butyl glycol, butylated hydroxytoluene, cumen, cyclohexanone, diaceton alcohol, dimethyl adipate, dimethyl glutarate, dimethyl succinate, ethylbenzene, gamma-butyrolactone, isobutanol, isopropyl myristate, mesitylene, methyl octanoate, naphthalene, phenetole, propylene carbonate, toluene, xylene
23	2,4-D EHE, aclonifen, ametryn, azoxystrobin, bixafen, boscalid, clomazone, cyflufenamid, cypermethrin, cyproconazole, deltamethrin, difenoconazole, diflufenican, dimethachlor, dimoxystrobin, epoxiconazole, ethofumesate, fenhexamid, fludioxonil, fluroxypyr-meptyl, lambda-cyhalothrin, metalaxyl-M, metamidron, metazachlor, metconazole, metolachlor, metribuzin, myclobutanil, napropamid, paclobutrazol, pendimethalin, permethrin, pethoxamid, piperonyl butoxide, pirimiphos-methyl, propiconazole, prosulfocarb, pyraclostrobin, pyraflufen-ethyl, quizalofop-P-ethyl, silthiofam, spiroxamin, tebuconazole, thiabendazole, trifloxystrobin, trifluralin, trinexapac-ethyl, zoxamide
24	2,4-D, acetamiprid, aclonifen, azoxystrobin, bentazone, boscalid, captan, clethodim, clomazone, cloquintocet-mexyl, cymoxanil, cypermethrin, cyproconazole, cyprodinil, deltamethrin, difenoconazole, diflufenican, dimethachlor, dimethomorph, dimoxystrobin, dithianon, epoxiconazole, fenhexamid, fipronil, florasulam, fludioxonil, flufenacet, flumioxazin, fluroxypyr-meptyl, flurprimidol, folpet, giberelin, hexythiazox, chlortoluron, imazamox, imidacloprid, isoxaben, lambda-cyhalothrin, mandipropamid, mefentrifluconazole, metamidron, metconazole, metribuzin, napropamid, paclobutrazol, pendimethalin, permethrin, pethoxamid, phenmedipham, picloram, pinoxaden, prosulfocarb, prothioconazole, pyraclostrobin, pyridate, quizalofop-p-ethyl, sedaxane, silthiofam, s-metolachlor, spinetoram, spinosad, spirotetramat, tau-fluvalinat, tebuconazole, tefluthrin, terbuthylazine, thiacloprid, thimethoxam, thiophanate-methyl, triclopyr, trifloxystrobin, trifluralin, triflusulfuron-methyl, trinexapac-ethyl, triticonazole, zoxamide
29	2,4-D EHE, aclonifen, ametryn, azoxystrobin, bixafen, boscalid, clomazone, cyflufenamid, cypermethrin, cyproconazole, deltamethrin, difenoconazole, diflufenican, dimethachlor, dimoxystrobin, epoxiconazole, ethofumesate, fenhexamid, fludioxonil, fluroxypyr-meptyl, lambda-cyhalothrin, metalaxyl-M, metamidron, metazachlor, metconazole, metolachlor, metribuzin, myclobutanil, napropamid, paclobutrazol, pendimethalin, permethrin, pethoxamid, piperonyl butoxide, pirimiphos-methyl, propiconazole, prosulfocarb, pyraclostrobin,

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	pyraflufen-ethyl, quizalofop-P-ethyl, silthiofam, spiroxamin, tebuconazole, thiabendazole, trifloxystrobin, trifluralin, trinexapac-ethyl, zoxamide
30	2,4-D, acetamiprid, aclonifen, azoxystrobin, bentazone, boscalid, captan, clethodim, clomazone, cloquintocet-mexyl, cymoxanil, cypermethrin, cyproconazole, cyprodinil, deltamethrin, difenoconazole, diflufenican, dimethachlor, dimethomorph, dimoxystrobin, dithianon, epoxiconazole, fenhexamid, fipronil, florasulam, fludioxonil, flufenacet, flumioxazin, fluroxypyr-meptyl, flurprimidol, folpet, giberelin, hexythiazox, chlortoluron, imazamox, imidacloprid, isoxaben, lambda-cyhalothrin, mandipropamid, mefentrifluconazole, metamitron, metconazole, metribuzin, napropamid, paclobutrazol, pendimethalin, permethrin, pethoxamid, phenmedipham, picloram, pinoxaden, prosulfocarb, prothioconazole, pyraclostrobin, pyridate, quizalofop-p-ethyl, sedaxane, silthiofam, s-metolachlor, spinetoram, spinosad, spirotetramat, tau-fluvalinat, tebuconazole, tefluthrin, terbuthylazine, thiachloprid, thimethoxam, thiophanate-methyl, triclopyr, trifloxystrobin, trifluralin, triflusulfuron-methyl, trinexapac-ethyl, triticonazole, zoxamide
31	2,4-D EHE, aclonifen, ametryn, azoxystrobin, bixafen, boscalid, clomazone, cyflufenamid, cypermethrin, cyproconazole, deltamethrin, difenoconazole, diflufenican, dimethachlor, dimoxystrobin, epoxiconazole, ethofumesate, fenhexamid, fludioxonil, fluroxypyr-meptyl, lambda-cyhalothrin, metalaxyl-M, metamitron, metazachlor, metconazole, metolachlor, metribuzin, myclobutanil, napropamid, paclobutrazol, pendimethalin, permethrin, pethoxamid, piperonyl butoxide, pirimiphos-methyl, propiconazole, prosulfocarb, pyraclostrobin, pyraflufen-ethyl, quizalofop-P-ethyl, silthiofam, spiroxamin, tebuconazole, thiabendazole, trifloxystrobin, trifluralin, trinexapac-ethyl, zoxamide
32	2,4-D, acetamiprid, aclonifen, azoxystrobin, bentazone, boscalid, captan, clomazone, cloquintocet-mexyl, cymoxanil, cypermethrin, cyproconazole, cyprodinil, deltamethrin, difenoconazole, diflufenican, dimethachlor, dimethomorph, dimoxystrobin, dithianon, epoxiconazole, fenhexamid, fipronil, florasulam, fludioxonil, flufenacet, flumioxazin, fluroxypyr-meptyl, flurprimidol, folpet, giberelin, hexythiazox, chlortoluron, imazamox, imidacloprid, isoxaben, lambda-cyhalothrin, mandipropamid, mefentrifluconazole, metamitron, metconazole, metribuzin, napropamid, paclobutrazol, pendimethalin, permethrin, pethoxamid, phenmedipham, picloram, pinoxaden, prosulfocarb, prothioconazole, pyraclostrobin, pyridate, quizalofop-p-ethyl, sedaxane, silthiofam, s-metolachlor, spinetoram, spinosad, spirotetramat, tau-fluvalinat, tebuconazole, tefluthrin, terbuthylazine, thiachloprid, thimethoxam, thiophanate-methyl, triclopyr, trifloxystrobin, trifluralin, triflusulfuron-methyl, trinexapac-ethyl, triticonazole, zoxamide
35	1-methyl-2-pyrrolidone, 1-octanol, 1-pentanol, 2-ethyl-1-hexanol, 2-ethylhexyl-S-lactate, 2-methyl-1-butanol, acetophenone, benzyl alcohol, benzyl benzoate, butylated hydroxytoluene, cyclohexanone, diacetone alcohol, dipropylenglycol monomethylether, gamma-butyrolactone, isopropyl myristate, methyl octanoate, N,N-dimethyldecanamide, N,N-dimethyl lactamide, N-octyl-2-pyrrolidone, n-propyl-S-lactate, phenetole, propylene carbonate, tris-2-ethylhexylphosphate

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
36	1,2,4-(1H)-triazole, 1,2-benzisothiazol-3-one, 2-methyl-4-isothiazolin-3-one, 5-chloro-2-methyl-2h-isothiazolin-3-one, Z-isomer azoxystrobin

Abbreviations used:

CIPAC MT	Collaborative International Pesticides Analytical Council Miscellaneous Techniques
EC	Emulsifiable concentrates
ELISA	Enzyme Linked Immuno Sorbent Assay
ETA-AAS	Electrothermal Atomization-Atomic Absorption Spectrometry
EW	Emulsion of type oil in water
FAAS	Flame Atomic Absorption Spectrometry
FAES	Flame Atomic Emission Spectrometry
FCH	Physico-chemical
FID	Flame Ionisation Detector
FLD	Fluorescence Detector
GC	Gas Chromatography
GC/MS	Gas Chromatography with Mass Spectrometric Detection
GC-MS/MS	Gas Chromatography with Tandem Mass Spectrometric Detection
GMO	Genetically Modified Material
HG-AAS	Hydride Generation-Atomic Absorption Spectrometry
HPLC	High Performance Liquid Chromatography
HPLC/FLD	High Performance Liquid Chromatography with Fluorescence Detector
HPLC/UV	High Performance Liquid Chromatography with UV Detector
HPLC/DAD	High Performance Liquid Chromatography with Diode Array Detector
HS-GC/FID	Gas Chromatography with FID Detector and gas-phase sample injection (headspace)
CH	Chemical
ICP-MS	Inductively Coupled Plasma-Mass Spectroscopy
ICP-OES	Inductively Coupled Plasma-Optical Emission Spectroscopy
ISE	Ion Selective Electrode
JPP ÚKZÚZ	Uniform Working Procedures ÚKZÚZ
LC	Liquid Chromatography
LC-MS/MS	Liquid Chromatography with Tandem Mass Spectrometry
MS	Mass Spectrometry
NIRS	Near Infrared Spectroscopy
PCR	Polymerase Chain Reaction
PPP	Plant protection products
SOP	Standard Operation Procedure
UHPLC	Ultra High Performance Liquid Chromatography
UV	Ultraviolet Part of Spectrum