



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. 357/2025

Vysoká škola chemicko-technologická v Praze
with registered office Technická 1905/5, 166 28 Praha 6 – Dejvice
Company Registration No. 60461373

for the Testing Laboratory No. **1316.2**
Metrological and Testing laboratory UCT Prague

Scope of accreditation:

Chemical analysis of food including water, beverages and food supplements, natural and pharmaceutical raw materials and products, feed, chemical preparations, biological materials of human, plant and animal origin, components of the environment, consumer goods, forensic samples, psychotropic and addictive substances 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 17025:2018

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.: 170/2024 of 11/04/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: 11/04/2029

Prague: 10/07/2025



Signed in the Czech original:
Gor Petrosjan on 10/07/2025

Jan Velíšek
Director of the Department
of Testing and Calibration 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: 357/2025 of 10/07/2025**

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

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

The current list of activities carried out within the flexible scope is available on the laboratory's website <https://www.vscht.cz/mzl> in the form of the „List of activities within the flexible scope of accreditation“.

The laboratory provides opinions and interpretations of the test results.

Detailed information on activities within the scope of accreditation (determined analytes / tested subject) is given in the section „Specification of the scope of accreditation“

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
1	Determination of pesticide residues and their metabolites by GC-MS method (multi-residue method 1)	KM 01 (ČSN EN 15662; SANTE/11312/2021)	Food, organic food, beverages, natural products, fats, oils, honey, food supplements, baby and infant food, novel food, plant materials and extracts, crops, feedstuffs and preparations, biological tissues and fluids	A, B, D
2	Determination of pesticide residues and their metabolites by LC-MS method (multi-residue method 2)	KM 02; KM 02 ^{ESI} - (ČSN EN 15662; SANTE/11312/2021)	Food, organic food, beverages and water, natural products, fats, oils, honey, food supplements, baby and infant food, novel food, plant materials and extracts, crops, feedstuffs and preparations, biological tissues and fluids	A, B, D
3	Determination of dithiocarbamate fungicides by SPME/GC-MS method	KM03 (Klimankova E: Ph.D. thesis, UCT Prague, 2008; Araujo, WA et al.: J Sep Sci 26 (2003) 624; SANTE/11312/2021)	Food of plant origin, baby and infant food, crops, feedstuffs and preparations	A, D
4	Determination of highly polar pesticide residues and metabolites by LC-MS method	KM 04 (EURL for single residue methods - QuPPE Method; SANTE/11312/2021)	Food, beverages and water, natural products, biological tissues and fluids, food supplements, baby and infant food, novel food, crops, feedstuffs and preparations	A, B, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
5	Determination of chlorinated alkanes by GC-MS method	KM 05A (Tomasko J et al.: Food Chemistry 355 (2021) 129640; Tomasko J et al.: Sci Total Environ 797 (2021) 149126)	Food, fats, oils, milk, novel food, food supplements, baby food, biological tissues and fluids, water	A, B, D
6	Determination of chlorinated alkanes by GC-MS method	KM 05B (Tomasko J et al.: Environmental Pollution 333 (2023) 122065)	PBU incl. FCM, solid samples (e.g. plastics), textile, technical fluids, sediments and soils, dust	A, B, D
7	Determination of mycotoxins and their metabolites by multidetection LC-MS method	KM 06 (Zachariasova M et al.: Anal. Chim. Acta, 662 (2010) 51; Dzuman et al., Talanta 121 (2014) 263)	Food and beverages, natural products, food supplements, novel foods, baby and infant food, cereal products, malt, beer, crops, feedstuffs, biological tissues and fluids	A, B, D
8	Determination of persistent organochlorinated pollutants (POPs) and halogenated flame retardants (HFRs) by GC-MS method	KM 07A (Kalachova K et al.: Anal Chim Acta 707 (2011) 84; Kalachova K et al.: Anal Bioanal Chem 405(2013) 7803; Svarcova A et al.: Sci. Total Environ 667(2019)701)	Food, beverages and water, food raw materials, fats, oils, food supplements, novel food, baby and infant food, plant materials, crops, feedstuffs, biological tissues and fluids	A, B, D
9	Determination of persistent organochlorinated pollutants (POPs) and halogenated flame retardants (HFRs) by GC-MS method	KM 07B (Hlouskova V et al.: Sci Total Environ 470 (2014) 470); Lankova D et al.: Anal Chim Acta 854 (2015) 6)	Waste sludge, sediments and soils, dust, filters, PUF, PBU extracts, solid samples (plastics)	A, B, D
10	Determination of polycyclic aromatic hydrocarbons (PAHs) by HPLC-FLD method	KM 08A (Drabova L et al.: Food Additives and Contaminants A, 30 (2013) 512).	Food, beverages and water, food raw materials, plant materials, extracts, fats, oils, food supplements, novel food, baby and infant food, meals, crops, feedstuffs, biological tissues and fluids	A, B, D
11	Determination of polycyclic aromatic hydrocarbons (PAHs) by HPLC-FLD method	KM 08B (ČSN EN 16181)	Waste sludge, sediments and soil, dust, filters, PUF	A, B, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
12	Determination of polycyclic aromatic hydrocarbons (PAHs) and their derivatives by GC-MS method	KM 09 (Drabova L et al.: Food Control 33 (2013) 489; Kalachova K et al.: Anal Chim Acta 707 (2011) 84).	Food, beverages and water, food raw materials, oilseeds, fats, oils, food supplements, novel food, baby and infant food, meal, feedstuffs, biological tissues and fluids	A, B, D
13	Determination of flame retardants and other organic pollutants, their derivatives, and metabolites using the LC-MS method.	KM 10A (Lankova D et al.: Talanta 117 (2013) 318; Lankova D et al.: Anal Bioanal Chem 405 (2013) 7829)	Food, beverages and water, food supplements, novel food, baby food, plant materials, biological tissues and fluids, total diet	A, B, D
14	Determination of flame retardants and other organic pollutants, their derivatives, and metabolites using the LC-MS method.	KM 10B (Hlouskova V et al.: Sci Total Environ 470 (2014) 407)	PBU extracts, PUF, filters, waste sludge, sediments and soil, dust	A, B, D
15	Determination of per- and polyfluoroalkyl substances (PFAS) by LC-MS method	KM 11A (Dvorakova D et al: Water Research (2023); Lacina et al.: J. Chromatogr. A 1218 (2011) 4312; Švihlíková, V et al.: Chemosphere 129 (2015) 170; Lankova D et al.: Talanta 117 (2013) 318)	Food, beverages and water, natural products, food supplements, novel food, baby and infant food, plant materials, biological tissues and fluids, total diet	A, B, D
16	Determination of per- and polyfluorinated compounds (PFAS) by LC-MS method	KM 11B (ČSN ISO 25101; Dvorakova D et al: Water Research (2023); Jurikova M et al.: Environ Sci Pollut Res 29 (2022); Hloušková V et al.: Sci Total Environ 470 (2014) 407)	Technical liquids, water, waste sludge, sediments and soil, dust	A, B, D
17	Determination of fluorotelomeric alcohols (FTOH) by SPME-GC-MS method	KM 30 (Bach et al.: Journal of Chromatography A 1448 (2016) 98-106)	Beverages and water	A, B, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
18	Determination of acrylamide by LC-MS method	KM 12 (Elbashir, A.A.et al.: Critical Reviews in Anal Chem 44 (2017) 107; Regulation No. 2017/2158/EU)	Food, baby and infant food, cereals and cereal products, potato products, coffee, chocolate, malt	A, B, D
19	Determination of furan and its derivatives by SPME/GC-MS method	KM 13 (Concurso C et al.: Food Chemistry 250 (2018) 155)	Cereals and cereal products, canned food and beverages, baby and infant food, beverages, coffee, beer, malt, food supplements	A, B, D
20	Screening, identification and determination of volatile and semivolatile compounds, including aroma components and volatile allergens, by GC-MS method	KM 14 (Stupak M et al. Anal Chim Acta 1042 (2018) 60)	Food and beverages, water, natural products, fats, oils, food supplements, novel food, crops, feedstuffs, plant materials, biological tissues and fluids, sediments and soils, dust, PBU extracts, solid and fluid samples	A, B, D
21	Determination of ethylene oxide, propylene oxide and their degradation products by GC-MS method	KM 14A (Stupak M et al. LCGC, 34 (2021) 10; Document SANTE/11312/2021)	Food, spices, seeds, food thickeners, rice, beans, food supplements, cereals, food additives	A, B, D
22	Identification and determination of metabolome components based on metabolomic 'fingerprinting' and profiling by UHPLC-HRMS/MS method	KM 15 (Hurkova K et al.: Food Chemistry 284 (2019) 162; Rubert J et al.: Food Additives & Contaminants: Part A 32 (2015) 1685)	Food, beverages and natural products, fats, oils, food supplements, novel food, crops, feedstuffs, plant materials, biological tissues and fluids	A, B, D
23	Determination of MCPD esters and glycidylesters by LC-MS method	KM 16 (Moravcova, E. et al.: Anal Bioanal Chem 402 (2012) 2871; Crews, C. et al.: Food Additives & Contam: Part A 30 (2013) 11)	Fats and oils, food, baby and infant food	A, B, D
24	Determination of fatty acids by GC-FID method	KM 17 (ČSN EN ISO 12966-4)	Foodstuffs, fats, oils, food supplements, novel food, baby food, biological tissues and fluids	A, B, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
25	Determination of ethanol, methanol and the other volatile organic compounds by GC-MS method	KM 18 (Stupak M et al., Food Control, 80 (2017) 307; Regulation 2870/2000/EC)	Alcohol, spirits, distillates and other alcohol containing products	A, B, D
26	Determination of total MCPD and glycidol by GC-MS method	KM 19 (ČSN EN ISO 18363-3; AOCS Official Method Cd 29a-13)	Food, raw materials, fats and oils, hydrolysed proteins	A, B, D
27	Determination of bioactive compounds of kratom, coca plant and mushrooms by LC-MS method	KM 20 (Esseiva P. et al.: Forensic Sci Int, 207 (2011) 27; Sharma A. et al.: Drug Testing and Analysis 11 (2019) 8; Gotvaldova K. et al.: Molecular Science, 23 (2022)14068)	Solid and liquid samples, (extracts) of plant materials and foodstuffs, mushrooms, kratom, solid and liquid forensic samples	A, B, D
28	Screening and determination of cannabinoids, degradation products and metabolites by LC-MS method	KM 21 (Zoller O. et al.: J. Chromatogr A 872 (2000) 101; Raikos N et al.: Forensic Sci Int 243 (2014) 130)	Solid and liquid samples, extracts of natural products, food supplements, novel food, solid and liquid forensic samples, cosmetics, biological tissues and fluids, medicinal preparations	A, B, D
29	Determination of CBD and the other cannabinoids by LC-DAD method	KM 29 (Ph. Eur. 11.6; Song, Let al. J. Chromatogr. A 2022, 1670; Vaclavik L. et al. J. AOAC Int. 2019, 102 (6), 1822)	Solid and fluid samples containing cannabinoids, plant material, medicinal preparations, resins, extracts, oils, food supplements	A, B, D

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30	Determination of glycoalkaloids, capsaicinoids, and other bioactive compounds by LC-MS method	KM 23CH (Mulder PPJ et al.: EFSA (doi: 10.2903/sp.efsa.2016.EN - 1140; Dzuman Z., Jonatova J, et al. Analytical and Bioanalytical Chemistry (2020) 412:7155–7167, Fayos O. et al.: Food Chemistry, 270 (2019) 264-272); Fenclova et al.: Analytical and Bioanalytical Chemistry (2020) 41(2), 819–832; Fenclova et al.: Scientific Reports (2019) 9(11118))	Food of plant origin, spices, honey, potatoes, cereals, food supplements, novel food, extracts of natural products, pepper, baby and infant food, crops, feedstuffs	A, B, D
31	Determination of tropane, pyrrolizidine, and quinolizidine alkaloids and screening of their metabolites by LC-MS method	KM 23A (Dzuman Z., Jonatova J, et al. Analytical and Bioanalytical Chemistry (2020) 412:7155–7167)	Food of plant origin, spices, herbal tea, honey, cereals, food supplements, medicinal preparations, novel food, extracts of plant materials, baby food, crops, feed	A, B, D
32	Determination of opium alkaloids by LC-MS method	KM 23B (Jiru M. et al., Certified official method, UCT Prague Praha, 2016)	Poppy seed, food, products based on poppy seed, poppy bud	A, B, D
33	Determination of metabolites of organic contaminants by LC-MS method	KM 24 (Lankova D et al.: Anal Bioanal Chem 408 (2016) 2515)	Body fluids	A, B, D
34	Determination of food additives by LC-MS method	KM 25 (Kharoshka et. al.: Food Addit Contam Part B (2025): https://doi.org/10.1080/19393210.2025.2461488)	Food, beverages, food supplements, novel food, preparations, concentrates, extracts, water, technical fluids	A, B, D
35	Determination of vitamins and their forms by LC-MS method	KM 27 (AOAC Official Method 2011.06 (50.1.29))	Food, drinks, food supplements, mushrooms, feedstuffs, blood plasma, milk	A, B, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Tested subject	Degrees of freedom ³
36	Determination of carotenoids, vitamin A, and tocopherols by LC-DAD/FLD method	KM 31 (Bhave A. et. al.: Journal of Food and Drug Analysis (2017) 25 (3): 681; Kharoshka et. al.: Monatshefte für Chemie (2022) 153 (9):767)	Food, beverages, plant material, feed, eggs, algae, food supplements	A, B, D
37	Detection of thermostabilization of poppy seeds by FT-IR method	KM 32	Poppy seed	D

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

² 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)

³ 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)
1	1,4-dimethylnaphthalene; 2,4-D methyl ester; 2,4,6-trichlorophenol; 2-phenylphenol; acephate; aldrin; ametryn; antrachinon; azinphos-ethyl; azinphos-methyl; azoxystrobin; bendiocarb; bifenthrin; biphenyl; bixafen; bromophos-ethyl; bromophos-methyl; bromopropylate; bupirimate; buprofezin; cadusafos; captafol; captan; captan (sum of captan and THPI, expressed as captan); carbaryl; carbophenothion; chinomethionat; chlorbufam; chlordane-cis; chlordane-trans; chlordecon; chlorfenapyr; chlorfenvinphos; chlorobenzilate; chlorothalonil; chlorpropham; chlorpyrifos; chlorpyrifos-methyl; chlozolinate; cyanazine; cyfluthrin-beta; cyhalofop butyl; cyhalothrin-lambda; cypermethrin (sum of isomers); cypermethrin alpha; cyprodinil; deltamethrin; desmetryn; diazinon; dichlobenil (benzonitril); dichlofluanid; dicloran; dichlorobenzophenone (4,4'); dichlorvos; diclofop-methyl; dicofol; dicrotophos; dieldrin; difenoconazole; diphenylamine; dimethoate; disulfoton; disulfotonesulfone; endosulfan-alpha; endosulfan-beta; endosulfan-sulphate; endrin; ethion; ethoprophos; etoxazol; etrimfos; fenamidone; fenamiphos; fenamiphos-sulfone; fenarimol; fenchlorphos; fenitrothion; fenoxycarb; fensulfothion; fenthion; fenthion-sulfone; fenthion-sulfoxide; fenvalerate; fipronil; fipronil-desulfinyl; fipronil-sulfone; flucythrinate; fludioxonil; fluensulfon; flutolanil; fluvalinate; folpet; fonofos; formothion; haloxyfop-ethoxyethyl; haloxyfop-methyl; HCB; HCH-alpha; HCH-beta; HCH-delta; HCH-gamma; heptachlor; heptachlorepoxyde cis- a trans-; heptenophos; hexythiazox; imazalil; iprodione; isocarbophos; isofenphos; isofenphos-methyl; isoprazam; kresoxim-methyl; malaoxon; malathion; mecarbam; metalaxyl; metamitron; metazachlor; methacifos; methamidophos; methidathion; methiocarb; methoprene; methoxychlor (bis-methoxybenzen); mevinphos; metrafenone; mirex; molinate; monocrotophos; myclobutanil; naled; nitrofen; novaluron; nuarimol; o,p'-DDD; o,p'-DDE; o,p'-DDT; omethoate; oxadixyl; oxychlordane; oxyfluorfen; p,p'-DDD; p,p'-DDE; p,p'-DDT; paraoxon-ethyl; paraoxon-methyl; parathion; parathion-methyl; penconazole; pencycuron; pendimethalin; penflufen; pentachloroaniline; penthiopyrad; permethrin (sum of isomers);

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	pethoxamid; phenothrin; phenthoate; phosalone; phosmet; phosphamidone; phthalimide; pirimicarb; pirimiphos-ethyl; pirimiphos-methyl; procymidone; profenofos; prometon; propargite; propham; propoxur; prothiofos; pyrazophos; pyridaben; pyridaphenthion; pyriofenon; quinalphos; quintozene; resmethrin; simetryn; sulfotep; tebuconazole; tecnazene; tefluthrin; terbufos-sulfon; terbufos; tetraconazole; tetradifon; THPI (tetrahydrophthalimide); thiabendazole; thiometon; tolclofos-methyl; tolfenpyrad; tolylfluanid; transluthrin; triadimefon; triadimenol; triazamate; triazophos; trichlorfon; trifloxystrobin; trifluralin; vamidothion; vinclozolin; <i>sum of analytes expressed according to the KM 01 and legal documents.</i>
2	1,2,4-triazole; 2,4,5-T; 2,4,5-T (sum of 2,4,5-T, its salts and esters, expressed as 2,4,5-T); 2,4-D; 2,4-D (sum of 2,4-D, its salts, its esters and its conjugates, expressed as 2,4-D); 2,4-DB; 2,4-DB (sum of 2,4-DB, its salts, its esters and its conjugates, expressed as 2,4-DB); 2,6-dichlorobenzamide; 2-naphthyloxyacetic acid; 4-CPA (4-chlorophenoxyacetic acid = PCPA); abamectin (sum of avermectin B1a; avermectin B1b expressed as avermectin B1a); acephate; acetamiprid; acetochlor; acetochlor ESA sodium salt; acetochlor OA; aclonifen; acrinathrin; alachlor; alachlor ESA sodium salt; alachlor OA; aldicarb; aldicarb (sum of aldicarb, its sulfoxide and its sulfone, expressed as aldicarb); aldicarb-sulfone; aldicarb-sulfoxide; ametoctradin; ametryn; asulam; atrazine; atrazine-2-hydroxy; atrazine-desethyl; atrazine-desethyl desisopropyl; atrazine-desisopropyl; avermectin B1a; avermectin B1b; azadirachtin; azinphos-ethyl; azinphos-methyl; azoxystrobin; benalaxyl including other mixtures of constituent isomers including benalaxyl-M (sum of isomers); bendiocarb; bentazone; bentazone 8-hydroxy; benzalkonium chloride (mixture of alkylbenzyltrimethylammonium chlorides with alkyl chain lengths of C8, C10, C12, C14, C16 and C18); benzalkonium chloride with alkyl chain lengths of C10; benzalkonium chloride with alkyl chain lengths of C12; benzalkonium chloride with alkyl chain lengths of C14; benzalkonium chloride with alkyl chain lengths of C16; benzalkonium chloride with alkyl chain lengths of C18; benzalkonium chloride with alkyl chain lengths of C8; benzovindiflupyr; bifenthrin (sum of isomers); bitertanol (sum of isomers); bixafen; boscalid; bromacil; bromoxynil and its salts, expressed as bromoxynil; bromuconazole (sum of diastereoisomers); bupirimate; buprofezin; cadusafos; carbaryl; carbendazim; carbendazim and benomyl (sum of benomyl and carbendazim expressed as carbendazim); carbofuran; carbofuran (sum of carbofuran (including any carbofuran generated from carbosulfan, benfuracarb or furathiocarb) and 3-OH carbofuran expressed as carbofuran); carbofuran 3-hydroxy; carbophenothion; carboxin; carboxin-sulfone; carboxin-sulfoxide; carboxin (carboxin plus its metabolites carboxin sulfoxide and oxycarboxin (carboxin sulfone), expressed as carboxin); clofentezine; clomazone; cloprop; clopyralid; clothianidin; cyanazine; cyanofenfos; cyantranilprole; cyazofamid; cycloxydim; cyflufenamid (sum of cyflufenamid (Z-isomer) and its E-isomer); cyflumetofen; cyfluthrin (cyfluthrin including other mixtures of constituent isomers (sum of isomers)); cyhalofop-butyl; cyhalothrin-lambda; cymoxanil; cypermethrin (cypermethrin including other mixtures of constituent isomers (sum of isomers)); cyphenothrin; cyproconazole; cyprodinil; DEET; deltamethrin (cis-deltamethrin); demeton-S-methyl; denatonium benzoate (Bitrex); desmedipham; desmetryn; diafenthion; diafenthion-urea; diazinon; dicamba; diclofop-methyl; dicrotophos; didecyldimethylammonium chloride with alkyl chain lengths of C10; diethofencarb; difenoconazole; diflubenzuron; diflufenican; dichlofluanid; dichlofluanid metabolite: DMSA; dichlorimid; dichlorprop; dichlorprop (sum of dichlorprop (including dichlorprop-P), its salts, esters and conjugates, expressed as dichlorprop; dichlorvos; dimethachlor; dimethachlor CGA369873; dimethachlor ESA; dimethachlor OA; dimethenamid; dimethenamid OA; dimethoate; dimethomorph (sum of isomers); dimoxystrobin; diniconazole (sum of isomers); dinotefuran; disulfoton; disulfoton (sum of disulfoton, disulfoton sulfoxide and disulfoton sulfone expressed as disulfoton); disulfoton-sulfone; disulfoton-sulfoxide; dithianon; diuron; dodemorph; dodine; empenithrin; EPN; epoxiconazole; ethametsulfuron-methyl; ethiofencarb; ethion; ethirimol; ethofumesate; ethoprophos; etofenprox; etoxazole; etrimfos; famoxadone; fenamidone; fenamiphos; fenamiphos (sum of fenamiphos and its sulfoxide and sulphone expressed as fenamiphos); fenamiphos-sulfone; fenamiphos-sulfoxide; fenarimol; fenazaquin; fenbuconazole; fenbutatin oxide; fenhexamid; fenobucarb; fenoprop; fenoxaprop – P; fenoxaprop-P-ethyl; fenoxycarb; fencicoxamid; fenpropathrin; fenpropidin (sum of fenpropidin and its salts, expressed as fenpropidin); fenpropimorph (sum of isomers); fenpyrazamine; fenpyroximate; fensulfothion; fensulfothion oxon; fensulfothion PO-sulfone; fensulfothion sulfone; fenthion; fenthion (fenthion and its oxygen analogue, their sulfoxides and sulfone expressed as parent); fenthion-oxon;

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	fenthion-oxon-sulfone; fenthion-oxon-sulfoxide; fenthion-sulfone; fenthion-sulfoxide; fentin (fentin including its salts, expressed as triphenyltin cation); fipronil; fipronil (sum fipronil + sulfone metabolite (MB46136) expressed as fipronil); fipronil sulfone metabolite (MB46136); fipronil-desulfinyl; flonicamid; flonicamid metabolite: TFNA; flonicamid metabolite: TFNG; flonicamid: sum of flonicamid, TFNA and TFNG expressed as flonicamid; florasulam; fluacrypyrim; fluazifop; fluazifop-P (sum of all the constituent isomers of fluazifop, its esters and its conjugates, expressed as fluazifop); fluazifop-P-butyl; fluazinam; flubendiamide; flucythrinate; fludioxonil; fluensulfon; flufenacet; flufenacet ESA; flufenacet OA; flufenoxuron; flumioxazine; fluopicolide; fluopyram; fluoxastrobin (sum of fluoxastrobin and its Z-isomer); flupyradifurone; fluquinconazole; flurochloridone; fluroxypyr; fluroxypyr (sum of fluroxypyr, its salts, its esters, and its conjugates, expressed as fluroxypyr); flusilazole; flutianil; flutolanil; flutriafol; fluxapyroxad; fluvalinate; fomesafen; fonofos; foramsulfuron; forchlorfenuron; formetanate: sum of formetanate and its salts expressed as formetanate(hydrochloride); formothion; fosthiazate; furathiocarb; haloxyfop; haloxyfop (Sum of haloxyfop, its esters, salts and conjugates expressed as haloxyfop (sum of the R- and S- isomers at any ratio)); haloxyfop-ethoxyethyl; haloxyfop-methyl; heptenophos; hexaconazole; hexaflumuron; hexazinone; hexythiazox; chlorantraniliprole; chlorbufam; chlorfenvinphos; chlorfluazuron; chloridazon; chloridazon desfenyl (CHD); chloridazon (sum of chloridazon and chloridazon-desphenyl, expressed as chloridazon); chloridazon methyl desfenyl (CHMD); chlorotoluron; chlorotoluron-desmethyl; chloroxuron; chlorpropham; chlorpyrifos; chlorpyrifos-methyl; chlorsulfuron; imazalil; imazamethabenz-methyl; imazamox (sum of imazamox and its salts, expressed as imazamox); imazapyr; imazaquin; imazethapyr; imazosulfuron; imidacloprid; indoxacarb (sum of indoxacarb and its R enantiomer); iodosulfuron-methyl (sum of iodosulfuron-methyl and its salts, expressed as iodosulfuron-methyl); ioxynil (sum of ioxynil, its salts and its esters, expressed as ioxynil); ipconazole; iprovalicarb; irgarol; isocarbophos (ISO: isopropyl O-(methoxyaminothio phosphoryl)salicylate); isofenphos; isofenphos-methyl; isofetamide; isoprocab; isoprothiolane; isoproturon; isoproturon-desmethyl; isoproturon-monodesmethyl; isopyrazam; karanjin; kresoxim-methyl; lenacil; linuron; lufenuron; malaaxon; malathion; malathion (sum of malathion and malaaxon expressed as malathion); mandipropamid; MCPA; MCPA and MCPB (MCPA, MCPB including their salts, esters and conjugates expressed as MCPA); MCPB; mecarbam; mecoprop; mefenpyr-diethyl; mefentrifluconazole; mesotrione; mepanipyrim; mepanipyrim-2-hydroxypropyl; mepronil; meptyldinocap; metaflumizone (sum of E- and Z- isomers); metalaxyl and metalaxyl-M (metalaxyl including other mixtures of constituent isomers including metalaxyl-M (sum of isomers)); metamitron; metamitron-desamino; metazachlor; metazachlor ESA; metazachlor OA; metconazole (sum of isomers); methacrifos; methamidophos; methidathion; methiocarb; methiocarb (sum of methiocarb and methiocarb sulfoxide and sulfone, expressed as methiocarb); methiocarb-sulfone; methiocarb-sulfoxide; methomyl; methoxyfenozide; metobromuron; metolachlor; metolachlor ESA sodium salt; metolachlor OA; metolcarb; metominostrobin; metosulam; metoxuron; metrafenone; metribuzin; metribuzin DA; metribuzin DK; metsulfuron-methyl; mevinphos (sum of E- and Z-isomers); molinate; monocrotophos; monolinuron; monuron; myclobutanil; naled; napropamide; neburon; nicosulfuron; nitenpyram; norflurazon; novaluron; omethoate; orthosulfamuron; oxadiargyl; oxadixyl; oxamyl; oxamyl-oxime; oxasulfuron; oxathiapiprolin; oxydemeton-methyl; oxydemeton-methyl (sum of oxydemeton-methyl and demeton-S-methylsulfone expressed as oxydemeton-methyl); oxydemeton-methyl metabolite: demethon-S-methylsulfone; oxyfluorfen; paclobutrazol; penconazole; pencycuron; pencycuron-PB-amine; pencycuron (sum of pencycuron and pencycuron-PB-amine, expressed as pencycuron); pendimethalin; penflufen; penoxsulam; pen thiopyrad; permethrin (sum of isomers); pethoxamid; pethoxamid ESA; phenmedipham; phenothrin; (phenothrin including other mixtures of constituent isomers (sum of isomers)); phenthoate; phorate; phorate (sum of phorate, its oxygen analogue and their sulfones expressed as phorate); phorate-oxon; phorate-oxonsulfone; phorate-oxonsulfoxide; phorate-sulfone; phorate-sulfoxide; phosalone; phosmet; phosmet oxon; phosphamidon; phoxim; picloram; picolinafen; picoxystrobin; pinoxaden; piperonyl butoxide; pirimicarb; pirimicarb desmethyl; pirimiphos-ethyl; pirimiphos-methyl; profenofos; prochloraz; prochloraz (sum of prochloraz and its metabolites expressed as prochloraz); prochloraz metabolite: (BTS 44595); prochloraz metabolite: (BTS 44596); prometon; prometryn; propachlor; propamocarb (sum of propamocarb and its salts, expressed as propamocarb); propaquizafop; propargite; propazine; propham;

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CAB number 1316.2, Metrological and Testing laboratory UCT Prague
Technická 1903/3, 166 28 Prague 6 – Dejvice

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	propiconazole (sum of isomers); propoxur; propoxycarbazone; propyzamide; proquinazid; prosulfocarb; prothioconazole: prothioconazole-desthio; prothiofos; pyraclostrobin; pyrazophos; pyrethrins; pyridaben; pyridalyl; pyridate; pyrifenoxy; pyrimethanil; pyriofenone; pyriproxifen; quinalphos; quinclorac; quinmerac; quinoxaline; quinoxifen; quizalofop-P; quizalofop-P-ethyl; quizalofop (sum of quizalofop, its salts, its esters (including propaquizafop) and its conjugates, expressed as quizalofop (any ratio of constituent isomers)); resmethrin (resmethrin including other mixtures of constituent isomers (sum of isomers)); rimsulfuron; rotenone; sebutylazine; sedaxane; simazine; simazine-2-hydroxy; simetryn; spinetoram J; spinetoram L; spinetoram (sum of spinetoram J and spinetoram L); spinosad (spinosad, sum of spinosyn A and spinosyn D); spinosyn A; spinosyn D; spirotetramat; spirotetramat; spirotetramat and spirotetramat-enol (sum of), expressed as spirotetramat; spirotetramat metabolite: BYI08330-enol; spirotetramat metabolite: BYI08330 enol-glucoside; spirotetramat metabolite: BYI08330-ketohydroxy; spirotetramat metabolite: BYI08330-mono-hydroxy; spiroxamine (sum of isomers); sulfosulfuron; sulfotep; sulfoxaflor (sum of isomers); tebuconazole; tebufenozide; tebufenpyrad; teflubenzuron; temephos; tepaloxymid; terbufos; terbufos-sulfone; terbufos-sulfoxide; terbuthylazine; terbuthylazine-2-hydroxy; terbuthylazine-desethyl; terbuthylazine-desethyl-2-hydroxy; terbutryn; tetraconazole; tetrachlorvinphos; tetramethrin; thiabendazole; thiacloprid; thiamethoxam; thifensulfuron-methyl; thiodicarb; thiometon; thiophanate-methyl; tolclofos-methyl; tolfenpyrad; tolylfluanid; tolylfluanid (sum of tolylfluanid and dimethylaminosulfotoluidide expressed as tolylfluanid); tolylfluanid metabolite: dimethylaminosulfotoluidide (DMST); triadimefon; triadimenol (any ratio of constituent isomers); triasulfuron; triazophos; tribenuron-methyl; triclopyr; tricyclazole; trifloxystrobin; triflumizole; triflumizole metabolite (FM-6-1); triflumizole: triflumizole and metabolite FM-6-1(N-(4-chloro-2-trifluoromethylphenyl)-n-propoxyacetamide), expressed as triflumizole; triflumuron; triflusulfuron; triforine; trichlorfon; trinexapac ethyl; triticonazole; tritosulfuron; valifenalate; vamidothion; vamidothion sulfone; vamidothion sulfoxide; zoxamide; <i>sum of analytes expressed according to the KM 02 and legal documents</i>
4	AMPA; cyromazin; difenzoquat; diquat; ethephon; fosetyl; fosetyl-Al (sum of fosetyl, phosphonic acid and their salts, expressed as fosetyl); glufosinate; glufosinate-ammonium (sum of glufosinate, MPPA and NAG expressed as jako glufosinate); glyphosate; chlorate; chlormequat (sum of chlormequat and its salts, expressed as chlormequat chloride); matrine; oxymatrine; mepiquat (sum of mepiquat and its salts, expressed as mepiquat chloride); MPPA (3-methyl-phosphinico-propionic acid); NAG (N-acetyl-glufosinate); nicotine; paraquat; perchlorate; phosphonic acid and their salts; propineb; propylenethiourea; 1,2-propylenediamine; trimesium; <i>sum of analytes expressed according to the legal documents</i>
5, 6	SCCP (chloroalkanes C10-C13); MCCP (chloroalkanes C14-C17), <i>sum of analytes expressed according to the KM 05</i>
7	15-acetyldeoxynivalenol; 3-acetyldeoxynivalenol; aflatoxin B1; aflatoxin B2; aflatoxin G1; aflatoxin G2; aflatoxins (sum of B1, B2, G1, and G2); agroclavine; alternariol; alternariol-methylether; beauvericin; citrinin; cyklopiazonic acid; deoxynivalenol; deoxynivalenol-3-glucoside; diacetoxyscirpenol; enniatin A; enniatin A1; enniatin B; enniatin B1; ergocornine; ergocorninine; ergocristine; ergocristinine; ergocryptine; ergocryptinine; ergometrine; ergometrinine; ergosine; ergosinine; ergostine; ergotamine; ergotaminine; sum of ergot alkaloids; fumonisin B1; fumonisin B2; fumonisins (sum of B1 and B2); fusarenon X; gliotoxin; HT-2 toxin; meleagrin; mycophenolic acid; neosolaniol; nivalenol; ochratoxin A; patulin; paxilline; penicilic acid; penitrem A; phomopsis A; roquefortine C; stachybotrylactam; sterigmatocystin; Sum of HT-2 a T-2 toxins; T-2 toxin; tentoxin; tenuazonic acid; verrucarol; verruculogen; zearalenone; α -zearalenol; β -zearalenol.; <i>sum of analytes expressed according to the KM 06 and legal documents</i>
8, 9	PCB 8; PCB 18; PCB 28; PCB 31; PCB 44; PCB 47; PCB 49; PCB 52; PCB 56; PCB 66; PCB 70; PCB 74; PCB 77; PCB 81; PCB 84; PCB 87; PCB 95; PCB 97; PCB 99; PCB 101; PCB 105; PCB 110; PCB 114; PCB 118; PCB 123; PCB 126; PCB 128; PCB 129; PCB 137; PCB 138; PCB 141; PCB 146; PCB 149; PCB 151; PCB 153; PCB 156; PCB 157; PCB 163; PCB 167; PCB 169; PCB 170; PCB 180; PCB 183; PCB 187; PCB 189; PCB 194; PCB 195; PCB 199; PCB 202; PCB 203; PCB 206; PCB 209; Sum of PCB 28, PCB 52, PCB 101, PCB 138, PCB 153, and PCB 180; PCN 1; PCN 4; PCN 5; PCN 9; PCN 13; PCN 17; PCN 18; PCN 20; PCN 23; PCN 24; PCN 28;

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	PCN 37; PCN 40; PCN 41; PCN 42; PCN 48; PCN 52; PCN 53; PCN 54; PCN 56; PCN 59; PCN 63; PCN 66; PCN 68; PCN 69; PCN 70; PCN 72; PCN 73; PCN 74, and PCN 75; p,p'-DDT; o,p'-DDT; p,p'-DDD; o,p'-DDD; p,p'-DDE; o,p'-DDE; dicofol; HCB; HCH-alpha-, -beta-, -gamma (lindane), -delta; octachlorostyrene; heptachlor, heptachlorepoxyde -cis-, -trans; aldrin; dieldrin; chlordane-cis-, -trans; oxychlordane; chlordecone; endosulfan-alpha-, -beta; endosulfan-sulphate; endrin; PCBz (pentachlorobenzene); HCBD (hexachlorobutadiene); PBDE 28; PBDE 47; PBDE 49; PBDE 66; PBDE 85; PBDE 99; PBDE 100; PBDE 153; PBDE 154; PBDE 183; PBDE 196; PBDE 197; PBDE 203; PBDE 206; PBDE 207; PBDE 209; PBB 153; BTBPE (1,2-bis(2,4,6-tribromophenoxy)ethane); DBDPE (decabromodiphenylethane); HBB (hexabromobenzene); OBIND (octabromotrimethylphenylindane); PBEB (pentabromoethylbenzene); PBT (pentabromotoluene); TBECH (tetrabromoethylcyclohexane); TBCO (1,2,5,6-tetrabromocyclooctane); anti-DP (dechlorane Plus, anti-), syn-DP (dechlorane Plus, syn-); EHTBB (2-ethylhexyl-2,3,4,5-tetrabromobenzoate); DPTE (2,3-dibromopropyl-2,4,6-tribromophenyl ether); HCDBCO (hexachlorocyclopentadienyl-dibromocyclooctane); <i>sum of analytes expressed according to the KM 07 and legal documents</i>
10, 11	naphthalene; phenanthrene; anthracene; fluoranthene, pyrene; benz[a]anthracene, chrysene; benzo[b]fluoranthene; benzo[k]fluoranthene, benzo[a]pyrene, dibenz[a,h]anthracene; benzo[ghi]perylene, indeno[1,2,3-cd]pyrene; <i>sum of analytes expressed according to the KM 08 and legal documents</i>
12	naphthalene; acenaphthene; acenaphthylene, fluorene, naphthalene, phenanthrene; anthracene; fluoranthene; pyrene; benz[a]anthracene; chrysene; benzo[b]fluoranthene; benzo[k]fluoranthene; benzo[a]pyrene, dibenz[a,h]anthracene; benzo[g,h,i]perylene, indeno[1,2,3-cd]pyrene, benzo[c]fluorene; cyclopenta[c,d]pyrene; benzo[j]fluoranthene; 5-methylchrysene; dibenzo[a,e]pyrene; dibenzo[a,l]pyrene; dibenzo[a,i]pyrene, dibenzo[a,h]pyrene; <i>sum of analytes expressed according to the KM 09 and legal documents</i>
13, 14	2,4-DBP (2,4-dibromophenol); 2,4,6-TBP (2,4,6-tribromophenol); PBP (pentabromophenol); alpha-HBCD (alpha-1,2,5,6,9,10-hexabromocyclododecane); beta-HBCD (beta-1,2,5,6,9,10-hexabromocyclododecane); gamma-HBCD (gamma-1,2,5,6,9,10-hexabromocyclododecane); TBBPA (tetrabromobisphenol A); 6-OH-BDE-47 (6-hydroxy-2,2',4,4'-tetrabromodiphenyl ether); 4'-OH-BDE-49 (4'-hydroxy-2,2',4,5'-tetrabromodiphenyl ether); 2'-OH-BDE-68 (2'-hydroxy-2,3',4,5'-tetrabromodiphenyl ether); 6'-OH-BDE-99 (6'-hydroxy-2,2',4,4',5-pentabromodiphenyl ether); PCP (pentachlorophenol); <i>sum of analytes expressed according to the KM 10</i>
15	PFBA (perfluorobutanoic acid); PFPeA (perfluoropentanoic acid); PFHxA (perfluorohexanoic acid); PFHpA (perfluoroheptanoic acid); PFOA (perfluorooctanoic acid); PFNA (perfluorononanoic acid); PFDA (perfluorodecanoic acid); PFUdA (perfluoroundecanoic acid); PFDoA (perfluorododecanoic acid); PFTeDA (perfluorotetradecanoic acid); PFTrDA (perfluorotridecanoic acid); PFHxDA (perfluorohexadecanoic acid); PFODA (perfluorooctadecanoic acid); PFPrS (perfluoropropane sulfonate); PFBS (perfluorobutane sulfonate); PFPeS (perfluoropentane sulfonate); PFHxS (perfluorohexane sulfonate); PFHpS (perfluoroheptane sulfonate); Br-PFOS (perfluorooctane sulfonates, branched isomers); L-PFOS (perfluorooctane sulfonate, linear form); Sum of PFOS (sum of linear form of PFOS and branched isomers of PFOS); PFNS (perfluorononane sulfonate); PFDS (perfluorodecane sulfonate); PFDoS (perfluorododecane sulfonate); PFOSA (perfluorooctane sulfonamide); N-EtFOSA (N-ethyl perfluorooctane sulfonamide); N-MeFOSA (N-methylperfluorooctane sulfonamide); N-EtFOSE (N-ethylperfluorooctane sulfonamidoethanol); N-MeFOSE (N-methylperfluorooctane sulfonamidoethanol); 11Cl-PF3OUdS (11-chloroeicosafluoro-3-oxaundecane-1-sulfonate); 9Cl-PF3ONS (9-chlorohexadecafluoro-3-oxanonane-1-sulfonate); HFPO-DA (2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid); NaDONA (dodecafluoro-3H-4,8-dioxanonanoate); PFHxPA (perfluorohexylphosphonic acid); PFDoPA (perfluorodecylphosphonic acid); PFOPA (perfluorooctylphosphonic acid); sum of N-EtFOSAA (sum of linear form of N-EtFOSAA and branched isomers of N-EtFOSAA); Sum N-MeFOSAA (sum of linear form of N-MeFOSAA and branched isomers of N-MeFOSAA); H2PFDA (2-perfluorooctyl ethanoic acid); H4PFUnA (2H,2H,3H,3H-perfluoroundecanoic acid); HPFHpA (7H-perfluoroheptanoic acid); FHpPA (3-perfluoroheptyl propanoic acid); P37DMOA (perfluoro-3,7-dimethyloctanoic acid); <i>sum of analytes expressed according to the KM 10A and legal documents</i>

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
16	PFBA (perfluorobutanoic acid); PFPeA (perfluoropentanoic acid); PFHxA (perfluorohexanoic acid); PFHpA (perfluoroheptanoic acid); PFOA (perfluorooctanoic acid); PFNA (perfluorononanoic acid); PFDA (perfluorodecanoic acid); PFUdA (perfluoroundecanoic acid); PFDoA (perfluorododecanoic acid); PFTeDA (perfluorotetradecanoic acid); PFTrDA (perfluorotridecanoic acid); PFHxDA (perfluorohexadecanoic acid); PFODA (perfluorooctadecanoic acid); PFPrS (perfluoropropane sulfonate); PFBS (perfluorobutane sulfonate); PFPeS (perfluoropentane sulfonate); PFHxS (perfluorohexane sulfonate); PFHpS (perfluoroheptane sulfonate); Br-PFOS (perfluorooctane sulfonates, branched isomers); L-PFOS (perfluorooctane sulfonate, linear form); Sum of PFOS (sum of linear form of PFOS and branched isomers of PFOS); PFNS (perfluorononane sulfonate); PFDS (perfluorodecane sulfonate); PFDoS (perfluorododecane sulfonate); PFOSA (perfluorooctanesulfonamide); N-EtFOSA (N-ethylperfluorooctane sulfonamide); N-MeFOSA (N-methylperfluorooctane sulfonamide); N-EtFOSE (N-ethylperfluorooctane sulfonamidoethanol); N-MeFOSE (N-methylperfluorooctane sulfonamidoethanol); HFPO-DA (2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy)-propanoic acid); NaDONA (dodecafluoro-3H-4,8-dioxanonoate); PFHxPA (perfluorohexylphosphonic acid); PFDoPA (perfluorodecylphosphonic acid); PFOPA (perfluorooctylphosphonic acid); PFTrDS (perfluorotridecane sulfonate) PFUnDS (perfluoroundecane sulfonate); 11Cl-PF3OUdS (11-chloroeicosafluoro-3-oxaundecane-1-sulfonate); 9Cl-PF3ONS (9-chlorohexadecafluoro-3-oxanonane-1-sulfonate); 4:2 FTS (1H,1H,2H,2H-perfluorohexane sulfonate); 6:2 FTS (1H,1H,2H,2H-perfluorooctane sulfonate); 8:2 FTS (1H,1H,2H,2H-perfluorodecane sulfonate); 10:2 FTS (1H,1H,2H,2H-perfluorododecane sulfonate); sum of N-EtFOSAA (sum of linear form of N-EtFOSAA and branched isomers of N-EtFOSAA); Sum of N-MeFOSAA (sum of linear form of N-MeFOSAA and branched isomers of N-MeFOSAA); H2PFDA (2-perfluorooctyl ethanoic acid); H4PFUnA (2H,2H,3H,3H-perfluoroundecanoic acid); HPFHpA (7H-perfluoroheptanoic acid); FHpPA (3-perfluoroheptyl propanoic acid); P37DMOA (perfluoro-3,7-dimethyloctanoic acid); sum of analytes expressed according to the KM 10B and legal documents
17	2-perfluorobutyl ethanol (4:2 FTOH); 2-perfluorohexyl ethanol (6:2 FTOH); 2-perfluorooctyl ethanol (8:2 FTOH); 2-perfluorodecyl ethanol (10:2 FTOH)
19	furan; 2-methylfuran; 3-methylfuran; 2,5-dimethylfuran; 2-ethylfuran
20	screening, non/target screening (fingerprinting) and/or confirmation analysis, profiling; thujon (alpha- beta-); sum of isomers according to the legal documents; α -acetyl cedrene; α -amylcinnamaldehyde (E); α -amylcinnamyl alcohol; amyl salicylate; trans-anethole; anise alcohol; benzaldehyde; benzyl alcohol; benzyl benzoate; benzyl cinnamate; benzyl salicylate; α -bisabolol; borneol; butylphenyl methylpropional; isoborneol; camphen; camphor; 3-carene; carvone; β -caryophyllene; caryophyllene oxide; caryophyllene-trans, cedrol; α -cedren; cinnamaldehyde (E); cinnamyl alcohol; citronellol; coumarin; p-cymene; β -damascenone (Rose Ketone-4); α -damascone; β -damascone (E); trans,trans- δ -damascone (trans-Rose Ketone-3); dimethylbenzylcarbinyl acetate (DMBCA); ebanol 1; ebanol 2; eucalyptol; β -eudesmol; eugenol; eugenyl acetate; trans,trans-farnesol; fenchol; fenchone; galaxolide 1; galaxolide 2; geranial; geraniol; geranyl-acetate; guaial; hexadecanolactone (dihydroambrettolide); α -hexylcinnamaldehyde; α -humulene; hydroxycitronellal; hydroxyisohexyl 3-cyclohexene carboxaldehyde (HICC); isoeugenol (E); isoeugenyl acetate; α -isomethylionone; isopulegol; limonene; linalool; linalyl acetate; menthol; methyl salicylate; methyl-2-octynoate; myrcene; neral; β -ocimene; α -phellandrene; α -pinene; β -pinene; 3-propylidene phthalide; pulegone; sabinene; sabinene-hydrate; salicylaldehyde; α -santalol; β -santalol; sclareol; α -terpineol; terpineol (sum of isomers); terpinene; γ -terpinene; α -terpinolene; α -tetramethylacetyloctahydro-naphthalene; β -tetramethylacetyloctahydro-naphthalene; γ -tetramethylacetyloctahydro-naphthalene; trimethyl-benzenepropanol; valencen; vanillin; BTEX: benzene, toluene, ethylbenzene, p-xylene, o-xylene, m-xylene and sum of xylene isomers.
21	ethylene oxide; 2-chloroethanol; ethylene oxide (sum of ethylene oxide and 2-chloroethanol expressed as ethylene oxide; propylene oxide; 1-chloro-2-propanol
23	1,2-dipalmitoyl-3-chloropropan-1,2-diol (1,2-diP-3-MCPD); 1-palmitoyl-2-linoleoyl-3-chloropropan-1,2-diol (1-P-2-L-3-MCPD); 1-palmitoyl-2-oleoyl-3-chloropropan-1,2-diol (1-P-2-O-3-MCPD); 1-palmitoyl-2-stearoyl-3-chloropropan-1,2-diol (1-P-2-St-3-MCPD); 1,2-dilinoeoyl-3-chloropropan-1,2-diol (1,2-diL-3-MCPD); 1-oleoyl-

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	2-linoleoyl-3-chlorpropan-1,2-diol (1-O-2-L-3-MCPD); 1,2-dioleoyl-3-chlorpropan-1,2-diol (1,2-diO-3-MCPD); 1-oleoyl-2-stearoyl-3-chlorpropan-1,2-diol (1-O-2-St-3-MCPD); 1,2-distearoyl-3-chlorpropan-1,2-diol (1,2-diSt-3-MCPD); glycidyllaurate; glycidylmyristate; glycidylpalmitate; glycidyllinolenate; glycidyl linoleate; glycidylolate; glycidylstearate; sum of analytes expressed according to the KM 16
24	butyric acid (c4:0); caproic 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), palmitoleic acid (c16:1), heptadecanoic acid (c17:0), cis-10-heptadecenoic acid (c17:1), stearic acid (c18:0), oleic acid (c18:1n9c), cis-vaccenic acid (c18:1n7c), elaidic acid (c18:1n9t), linoleic acid (c18:2n6c), linolelaidic acid (c18:2n6t), γ-linolenic acid (C18:3n6), α-linolenic acid (C18:3n3), arachidic acid (c20:0), cis-11-eicosenoic acid, (c20:1n9), cis-11,14-eicosadienoic acid (c20:2), cis-8,11,14-eicosatrienoic acid (c20:3n6), cis-11,14,17-eicosatrienoic acid (c20:3n3), arachidonic acid (c20:4n6), cis-5,8,11,14,17-eicosapentaenoic acid (c20:5n3), heneicosanoic acid (c21:0), behenic acid (c22:0), erucic acid (c22:1n9), cis-13,16-docosadienoic acid (c22:2), cis-4,7,10,13,16,19-docosahexaenoic acid (c22:6n3), tricosanoic acid (c23:0), lignoceric acid (c24:0), nervonic acid (c24:1n9), cis-7,10,13,16,19-docosapentaenoic acid (C22:5n3); saturated fatty acids, monounsaturated fatty acids, polyunsaturated fatty acids, trans-unsaturated fatty acids, omega-3 and omega-6 unsaturated fatty acids; sum of analytes expressed according to the KM 17
25	methanol; ethanol; propan-1-ol; propan-2-ol; butan-2-ol; butan-2-on; 2-methyl-propan-1-ol; 2-methyl-butan-1-ol; 3-methyl-butan-1-ol; pentan-1-ol, hexan-1-ol; 2-methyl-propan-2-ol; acetaldehyde; ethyl acetate; formic acid ethyl ester; urethane (ethyl carbamate); sum of analytes expressed according to the KM 18 and legal documents
26	3-MCPD; 2-MCPD; 2-MCPD esters of fatty acids expressed as 2-MCPD; 3-MCPD esters of fatty acids expressed as 3-MCPD; fatty acid glycidylesters expressed as glycidol
27	<i>Alkaloids of Mitragnyna sp.</i> : mitragynine; 7-hydroxymitragynine; mitraphylline; speciogynine; speciociliatine; paynantheine. <i>Mushrooms</i> : Psilocybin; psilocin; ibotenic acid; muscarine, muscimol. <i>Coca plant</i> : cocaine; ecgonine; screening of impurities and degradation products
28	11-OH-Δ9-THC (11-H-Δ9-THC((±)-11-hydroxy-Δ9-tetrahydrocannabinol)); 11-nor-9-C-Δ9-THC (11-nor-9-C-Δ9-THC ((-)-11-nor-9-carboxy-Δ9-tetrahydrocannabinol)); 11-nor-9-C-Δ9-THC-Glu ((+)-11-nor-9-carboxy-Δ9-tetrahydrocannabinol glucuronide)); CBC (cannabichromen); CBCA (cannabichromenic acid); CBCO (cannabichromeorcin); CBCV (cannabichromevarin); CBCVA (cannabichromevarinic acid); CBD (cannabidiol); CBDA (cannabidiolic acid); CBDB (cannabidibutol); CBDH (cannabidihexol); CBDP (cannabidiphorol); CBDV (cannabidivarin); CBDVA (cannabidivarinic acid); CBE (cannabielsoin); CBG (cannabigerol); CBGA (cannabigerolic acid); CBGAQ (cannabigerolchinonic acid); CBGB (cannabigerobutol); CBGM (cannabigerol monomethylether); CBGO (cannabigerorcin); CBGOA (cannabigerorcinic acid); CBGV (cannabigerovarin); CBGVA (cannabigerivarinic acid); CBL (cannabicyclol); CBLA (cannabicyclolic acid); CBN (cannabinol); CBNA (cannabinolic acid); CBND (cannabinodiol); CBNM (cannabinol monomethylether); CBT (cannabicitran); CBV (cannabivarin); CBVA (cannabivarinic acid); R-HHC (9(R)-hexahydrocannabinol); S-HHC (9(S)-hexahydrocannabinol); Sum of Δ9-THC, Δ8-THC, Δ9-THCA-A, CBN, THCv, THCVa; THCVa (tetrahydrocannabivarinic acid); Δ8-THC (delta-8-tetrahydrocannabinol); Δ8-THCA (delta-8-tetrahydrocannabinolic acid A); Δ8-THC-C8 (delta-8-tetrahydrocannabinol-C8); Δ8-THCV (delta-8-tetrahydrocannabivarin); trans-Δ9-THC (delta-9-tetrahydrocannabinol); cis-Δ9-THC (cis-delta-9-tetrahydrocannabinol); Δ9-THCA-A (delta-9-tetrahydrocannabinolic acid A); Δ9-THCB (delta-9-tetrahydrocannabutol); Δ9-THC-C8 (delta-9-tetrahydrocannabinol-C8); Δ9-THCP (delta-9-tetrahydrocannabiphorol); Δ9-THCV (delta-9-tetrahydrocannabivarin); Δ9-THCH (delta-9-tetrahydrocannabihexol); CBCOA (cannabichromeorcinic acid); Δ8-THCP (delta-8-tetrahydrocannabiphorol); screening of impurities and degradation products; <i>(semi)synthetic cannabinoids</i> : (R)-HHCB (9(R)-hexahydrocannabutol); (S)-HHCB (9(S)-hexahydrocannabutol); (R)-HHC-C8 (9(R)-hexahydrocannabinol-C8); (S)-HHC-C8 (9(S)-hexahydrocannabinol-C8); (R)-HHCP (9(R)-hexahydrocannabiphorol); (S)-HHCP (9(S)-hexahydrocannabiphorol); (R)-HHCPO (9(R)-hexahydrocannabiphorol acetate); (S)-HHCPO (9(S)-

**The Appendix is an integral part of
Certificate of Accreditation No: 357/2025 of 10/07/2025**

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

Vysoká škola chemicko-technologická v Praze
CAB number 1316.2, Metrological and Testing laboratory UCT Prague
Technická 1903/3, 166 28 Prague 6 – Dejvice

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	hexahydrocannabiphorol acetate); (R)-HHCO (9(R)-hexahydrocannabinol acetate); (S)-HHCO (9(S)-hexahydrocannabinol acetate); (R)-H4CBD (1(R)-tetrahydrocannabidiol); (S)-H4CBD (1(S)-tetrahydrocannabidiol); exo-THC (exo-tetrahydrocannabinol); 9-OH-HHC ((±)-9α-hydroxy-hexahydrocannabinol); (R)-OH-(S)-HHC (10(R)-hydroxy-9(S)-hexahydrocannabinol); (S)-OH-(R)-HHC (10(S)-hydroxy-9(R)-hexahydrocannabinol); HU-331 (Cannabidiol hydroxyquinone); S-HHCH (9(S)-Hexahydrocannabihexol); R-HHCH (9(R)-Hexahydrocannabihexol); (R)-Δ10-THC ((6aR,9R)-delta-10-tetrahydrocannabinol); (S)-Δ10-THC ((6aR,9S)-delta-10-tetrahydrocannabinol); <i>sum of analytes expressed according to KM 21</i>
29	CBD (cannabidiol); CBDA (cannabidiolic acid); CBC (cannabichromene); CBGA (cannabigerolic acid); CBG (cannabigerol), CBN (cannabinol), CBDV (cannabidivarin), Δ9-THC (delta-9-tetrahydrocannabinol); Δ9-THCA (delta-9-tetrahydrocannabinolic acid)
30	<i>Glycoalkaloids</i> : α-solanine; solanidine; α-chaconine; γ-chaconine. Silymarin complex: silibinin (sum of diastereoisomers of silybin A and silybin B); screening and semiquantitative estimation of the other components of silymarin complex: taxifolin; isosilychristin; silychristin A; silychristin B; silydianin; silybin A; silybin B; 2,3-cis-silybin B, isosilybin A; isosilybin B; 2,3-dehydrosilybin. Capsaicinoids: capsaicin; dihydrocapsaicin; nordihydrocapsaicin; N-vanillylnonanamide; piperine. <i>Other substances</i> : synephrine; vanillin; ethyl vanillin; cholin; <i>sum of analytes expressed according to KM 23CE</i>
31	<i>Tropane alkaloids</i> : 3-α-phenylacetoxypitropine; 6-β-hydroxytropinone; α-hydroxymethyl atropine; anisodamine; anisodine; apoatropine; aposcopolamine; atropine; convolamine; convolidine; convolvine; fillalbine; homatropine; hyoscyne ((-)-scopolamine); littorine; noratropine; norscopolamine; nortropinone; pseudotropine; tropine; tropinone; sum analytes expressed according to the KM 23 and legal documents. <i>Pyrrolizidine alkaloids</i> : echimidine; echimidine-N-oxide; echinatine; echinatine N-oxide; erucifoline; erucifoline N-oxide; europine; europine-N-oxide; heliotrine; heliotrine-N-oxide; heliosupine; heliosupine-N-oxide; indicine; indicine N-oxide; integerrimine; integerrimine-N-oxide; intermedine; intermedine-N-oxide; jacobine; jacobine N-oxide; lasiocarpine; lasiocarpine-N-oxide; lycopsamine; lycopsamine-N-oxide; monocrotaline; monocrotaline N-oxide; retronecine; retrorsine; retrorsine-N-oxide; rinderine; rinderine-N-oxide; senecionine; senecionine N-oxide; seneciphylline; seneciphylline-N-oxide; senecivernine; senecivernine-N-oxide; senkirkine; trichodesmine; <i>Chinolizidine alkaloids</i> : sparteine (sum (+)-sparteine and (-)-sparteine); sum of analytes expressed according to KM 23A and legal documents
32	<i>Opium alkaloids</i> : codeine; laudanosine; morphine; noscapine; oripavin; papaverin; thebain; sum of analytes expressed according to KM 23B and legal documents
33	1-OH-NAP (naphthalene-1-ol); 2-OH-NAP (naphthalene-2-ol); 2-OH-FLUO (fluorene-2-ol); 1-OH-PHEN (phenanthrene-1-ol); 2-OH-PHEN (phenanthrene-2-ol); 3-OH-PHEN (phenanthrene-3-ol); 4-OH-PHEN (phenanthrene-4-ol); 9-OH-PHEN (phenanthrene-9-ol); 6-OH-CHRY (chrysen-6-ol); 1-OH-PYR (pyrene-1-ol); 3-OH-BaP (benzo[a]pyrene-3-ol)
34	benzoic acid (E210); sorbic acid (E200); ascorbic acid (E300); dehydroascorbic acid; ascorbyl palmitate (E304), acesulfame K (E950); aspartam (E951); cyclamate (E952); neohesperidine DC (E959); neotam E961); saccharin (E954); sucralose (E955); cofein; theobromine; azorubine (E122); Brilant blue FCF (E133); Brilliant Black BN (E151); Allura red AC (E129); Curcumin (E100); Patent blue V (E131); Ponceau 4R (E124); tartrazine (E102); Green S (E142); Sunset yellow FCF (E110); fluorescein
35	niacin (sum of nicotinic acid and nicotinamide); nicotinic acid; nicotinamide; pantothenic acid; folic acid (pteroylmonoglutamic acid); (6S)-5-methyltetrahydrofolic acid (levomefolate); glucosamine; glucosamine salt of (6S)-5-methyltetrahydrofolic acid; vitamin B2 (riboflavin); vitamin B6 (sum of pyridoxine, pyridoxal and pyridoxamine); pyridoxine, pyridoxal; pyridoxamine; vitamin A (retinol), vitamin D2; vitamin D3; vitamin D (sum of vitamin D2 and D3); vitamin E (alpha-tocopherol); vitamin K1 (phylochinone); vitamin K2 (MK-7)
36	astaxanthin; beta-carotene; cantaxanthin; trans-β-Apo-8'-carotenal; alpha-tocopherol; retinol; lycopene.

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

Vysoká škola chemicko-technologická v Praze
CAB number 1316.2, Metrological and Testing laboratory UCT Prague
Technická 1903/3, 166 28 Prague 6 – Dejvice

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (tested subject)
2, 4, 8, 10, 12, 13, 15, 34	Water: water packed, drinking and groundwater
16, 17, 20	Water: water packaged, drinking water and groundwater, surface, industrial, and wastewater
1, 2, 4, 5, 7, 8, 10, 12, 13, 15, 20, 22, 24, 28, 30, 34	Novel foods: Regulation (EU) 2015/2283 of the European Parliament and of the Council on novel foods. (consolidated).

Abbreviation

ESI	Electrospray Ionization, Measurement in negative ionization mode (for LC-MS methods)
FCM	Food Contact materials
FT-IR	Fourier Transform Infrared Spectroscopy
FTOH	Fluorotelomer alcohols
GC-FID	Gas Chromatography with s flame-ionization detection
GC-MS	Gas Chromatography with Mass Spectrometric detection
HFR	Halogenated flame retardants – incl. brominated flame retardants (BFR)
HPLC-FLD	High Performance Liquid Chromatography with fluorimetric detection
HRMS	High Resolution Mass Spectrometry
KM	Control Method: validated “in-house” testing method implemented in MZL
LC-FLD	Liquid Chromatography with fluorimetric detection
LC-MS	High Performance Liquid Chromatography with Mass Spectrometric detection
LC-UV	Liquid Chromatography with spectrophotometric detection in the UV region
MCPD	Monochlor-propane-diol
Metabolom	all detectable substances with a molecular weight < 1500 Da present in the sample
MZL	Metrological and Testing Laboratory UCT Prague
PAH	Polycyclic aromatic hydrocarbons – see the footnotes for range of analytes
PBU	Consumer goods (including Food contact materials, FCM)
PFAS	(per)fluoroalkyl substances
POPs	Persistent organic pollutants – see the footnotes for range of analytes
PUF	Polyurethane foam (ordinarily filters for sampling of air)
SPME	Solid Phase Microextraction
TOF-MS	Mass spectrometry based on „Time-of-Flight“ principle

"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. "