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. **51/2026**

ALS Czech Republic, s.r.o.
with registered office Na Harfě 336/9, 190 00 Praha 9 - Vysočany
Company Registration No. 27407551

for the Testing Laboratory No. **1163**
ALS Czech Republic, s.r.o.

Scope of accreditation:

Chemical, radiochemical, microbiological, and ecotoxicological analyses in environmental, food, cosmetic, and pharmaceutical matrices; sensory analyses; analyses of oils and lubricants; sampling of water, sediments, soils, outdoor and indoor air, workplace environment, and food 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.: 386/2025 of 25/07/2025, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **14/02/2027**

Prague: 28/01/2026

Český institut pro akreditaci, o.p.s. «CAI»

Signed in the Czech original:
Gor Petrosjan on 28/01/2026

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. 51/2026 of 28/01/2026

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

ALS Czech Republic, s.r.o.
CAB number 1163, ALS Czech Republic, s.r.o.
Na Harfě 336/9, 190 00 Praha 9 - Vysočany

Testing laboratory Workplaces:

1.	**Praha**	Na Harfě 336/9, 190 00 Praha 9
2.	**Česká Lípa**	Bendlova 1687/7, 470 01 Česká Lípa
3.	**Pardubice**	Čacké 261, 530 02 Pardubice
4.	**Brno**	Vídeňská 134/102, 619 00 Brno
5.	**Ostrava**	Vratimovská 11, 718 00 Ostrava
6.	**Plzeň**	Lobezská 15, 301 46 Plzeň
7.	**Lovosice**	U Zdymadel 827, 410 02 Lovosice
8.	**Rožnov pod Radhoštěm**	1. Máje 823, budova C6, 756 61 Rožnov pod Radhoštěm
9.	**Kroměříž**	Kotojedská 2588/91, 767 01 Kroměříž
10.	**Praha**	Na Harfě 916/9a, 190 00 Praha 9
11.	**Praha**	Kolbenova 942/38a, 190 00 Praha 9
12.	**Liberec**	Košická 99/5, 460 01 Liberec
13.	**Abrunheira** (does not perform tests)	Caminho do Parque Industrial, n.º 16A 2710-089 Abrunheira, Portugal

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.alsglobal.cz/home/formulare-a-dokumenty-ke-stazeni in the form of the „List of activities within the flexible scope of accreditation".
The laboratory provides opinions and interpretations of the test results.
The laboratory is qualified to carry out standalone sampling.
Detailed information on activities within the scope of accreditation (determined analytes / tested subject / source literature) 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	**General Chemistry**			
1.1[1]	Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg	CZ_SOP_D06_02_001 (US EPA Method 200.7; ČSN EN ISO 11885; US EPA Method 6010; SM 3120; ČSN 75 7358)	Water, extracts, liquid samples	A, B, D
1.2[1]	Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_02_001 (US EPA Method 200.7; ČSN EN ISO 11885; US EPA Method 6010; SM 3120)	Solid samples, building materials, materials for building	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]
1.3[1]	Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_09_001 (US EPA Method 200.7; ČSN EN ISO 11885)	Food, feed	A, B, D
1.4[1]	Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_09_001 (US EPA Method 200.7; ČSN EN ISO 11885)	Biological material	A, B, D
1.5[1]	Determination of elements by atomic emission spectrometry with inductively coupled plasma and calculation of Cr^{3+} from measured values	CZ_SOP_D06_02_001 (US EPA Method 200.7; ČSN EN ISO 11885; ČSN EN 13211; ČSN EN 14385; ČSN EN 14902; US EPA Method IO-3.4; US EPA Method 29)	Emission, imission	A, B, D
1.6[1]	Determination of elements by atomic emission spectrometry with inductively coupled plasma	CZ_SOP_D06_09_001 (US EPA Method 200.7; ČSN EN ISO 11885; ČL/PhEur/USP)	Pharmaceutical material	A, B, D
1.7[1]	Determination of elements by mass spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values including the calculation of total mineralization and calculating the sum of Ca+Mg	CZ_SOP_D06_02_002 (US EPA Method 200.8; ČSN EN ISO 17294-2; US EPA Method 6020A; ČSN 75 7358)	Water, extracts, liquid samples	A, B, D
1.8[1]	Determination of elements by mass spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_02_002 (US EPA Method 200.8; ČSN EN ISO 17294-2; US EPA Method 6020A)	Solid samples, building materials, materials for building	A, B, D
1.9[1]	Determination of elements by mass spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_09_002 (US EPA Method 200.8; ČSN EN ISO 17294-2; ČSN EN 15111)	Food, feed	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]
1.10[1]	Determination of elements by mass spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_09_002 (US EPA Method 200.8; ČSN EN ISO 17294-2)	Biological material	A, B, D
1.11[1]	Determination of elements by mass spectrometry with inductively coupled plasma and calculation of Cr^{3+} from measured values	CZ_SOP_D06_02_002 (US EPA Method 200.8; ČSN EN ISO 17294-2; ČSN EN 13211; ČSN EN 14385; ČSN EN 14902; US EPA Method 29) CZ_SOP_D06_02_003 (ČSN EN 14385)	Emission, imission	A, B, D
1.12[1]	Determination of elements by mass spectrometry with inductively coupled plasma	CZ_SOP_D06_09_002 (US EPA Method 200.8; ČSN EN ISO 17294-2; ČSN EN 15111; ČL/PhEur/USP)	Pharmaceutical material	A, B, D
1.13	Reserved			
1.14[2]	Determination of Hg by single-purpose atomic absorption spectrometer	CZ_SOP_D06_07_004 (ČSN 75 7440; ČSN 46 5735)	Water, extracts, liquid samples, solid samples	D
1.15[2]	Determination of elements by flame AAS method and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_07_005 (ČSN ISO 8288; ČSN 75 7400; ČSN EN 1233; ČSN ISO 7980; ČSN ISO 9964; Perkin-Elmer specifications)	Water, extracts, liquid samples	A, B, D
1.16[2]	Determination of elements by flame AAS method and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_07_005 (ČSN ISO 8288; ČSN 75 7400; ČSN EN 1233; ČSN ISO 7980; ČSN ISO 9964; Perkin-Elmer specifications)	Solid samples	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]
1.17[2]	Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_07_006 (ČSN EN ISO 11885; AITM3-0032)	Water, extracts, liquid samples	A, B, D
1.18[2]	Determination of elements by atomic emission spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_07_006 (ČSN EN ISO 11885; ČSN EN 15410; ČSN EN 15411)	Solid samples, solid recovered fuels	A, B, D
1.19[2]	Determination of Kjeldahl nitrogen by spectrophotometry	CZ_SOP_D06_07_007.A (ČSN EN 25663; ČSN ISO 7150-1)	Water, extracts	D
1.20[2]	Determination of Kjeldahl nitrogen by spectrophotometry	CZ_SOP_D06_07_007.B (ČSN EN 25663; ČSN EN 13342; ČSN ISO 7150-1)	Solid samples	D
1.21[2]	Determination of Cr^{VI} by spectrophotometry with diphenylcarbazide	CZ_SOP_D06_07_008 (ČSN ISO 11083)	Water, extracts, absorption solutions from emission samples	D
1.22[2]	Determination of total phosphorus and orthophosphate by spectrophotometry and calculation of P_2O_5 from measured values	CZ_SOP_D06_07_009.A (ČSN EN ISO 6878)	Water, extracts	D
1.23[2]	Determination of total phosphorus by spectrophotometry and P_2O_5 determination by calculation from measured values	CZ_SOP_D06_07_009.B (ČSN EN 14672; ČSN EN ISO 6878)	Sludge, technological sludge products	D
1.24[1]	Determination of elements by mass spectrometry with inductively coupled plasma and stoichiometric calculations of compounds concentration from measured values	CZ_SOP_D06_09_002 (US EPA Method 200.8; ČSN EN ISO 17294-2)	Cosmetics products	A, B, D
1.25[2]	Determination of gas production (GS_{21}) by incubation test	CZ_SOP_D06_07_010 (ÖNORM S 2027-2)	Wastes, sludges, composts, soils	D
1.26-1.28	Reserved			
1.29[2]	Determination of nonionic surfactants (BiAS) by spectrophotometry using the HACH cuvette test	CZ_SOP_D06_07_014 (Hach Instruction)	Water, extracts	A, D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.30[2]	Determination of sum of sulfan and sulfide by spectrophotometry and calculation of free sulfan from measured values	CZ_SOP_D06_07_015.A (ČSN 83 0520-16:1978; ČSN 83 0530-31:1980; SM 4500-S2-D)	Water, extracts	A, D
1.31[2]	Determination of sum of sulfan and sulfide by spectrophotometry	CZ_SOP_D06_07_015.B (ČSN 83 0520-16:1978; ČSN 83 0530-31:1980)	Solid samples, building materials, materials for building	D
1.32[2]	Determination of sum of sulfan and sulfide by spectrophotometry	CZ_SOP_D06_07_015.C (ČSN 83 0520-16:1978; ČSN 83 0530-31:1980; ČSN 83 4712 č. 3)	Absorption solutions from emission samples	D
1.33[1]	Determination of sulfate by turbidimetry using discrete spectrophotometry and calculation of sulfate sulfur from measured values	CZ_SOP_D06_02_016 (US EPA Method 375.4; SM 4500-SO_4^{2-}; ČSN ISO 15923-1)	Water, extracts	A, D
1.34[1]	Determination of nitrite sum and sum of nitrite and nitrate nitrogen by discrete spectrophotometry and calculation of nitrites and nitrates from measured values	CZ_SOP_D06_02_019 (ČSN ISO 15923-1; SM 4500-NO_2^-; SM 4500-NO_3)	Liquid samples	D
1.35[1]	Determination of the number of asbestos and mineral fibers by SEM/EDS	CZ_SOP_D06_02_018 (ISO 14966, except chap. 5, 6.1 and 6.2; VDI 3492, except chap. 5 and 6; Decree No. 6/2003 Coll.; Government Decree No. 361/2007 Coll., Annex No. 3)	Outdoor and indoor air, working environment - exposed filters	D
1.36[1]	Determination of sum of ammonium and ammonium ions, nitrite and the sum of nitrite and nitrate ions by discrete spectrophotometry and calculation of nitrite, nitrate, ammonia, inorganic, organic, total nitrogen, free ammonia, and dissociated ammonium ions from measured values including the calculation of total mineralization	CZ_SOP_D06_02_019 (SM 4500-NO_2^-; SM 4500-NO_3; ČSN ISO 15923-1)	Water, extracts	D
1.37[2]	Determination of sum of ammonia and ammonium ions by spectrophotometry and calculation of ammonia nitrogen, free ammonia, and dissociated ammonium ions from measured values	CZ_SOP_D06_07_020 (ČSN ISO 7150-1; ČSN EN ISO 21877)	Water, extracts, liquid samples, absorption solutions from emission samples	D
1.38	Reserved			

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.39[1]	Determination of orthophosphate by discrete spectrophotometry and calculation of orthophosphate's phosphorus from measured values including the calculation of total mineralization	CZ_SOP_D06_02_022 (ČSN EN ISO 6878; SM 4500-P; ČSN ISO 15923-1)	Water, extracts	A, D
1.40[2]	Determination of chloride by potentiometric titration	CZ_SOP_D06_07_023.A (ČSN 03 8526:1989; ČSN 83 0530-20:1980; SM 4500-Cl^- D)	Water, extracts, liquid samples	D
1.41[2]	Determination of chloride by potentiometric titration and calculation of NaCl from measured values	CZ_SOP_D06_07_023.B (ČSN EN 480-10)	Solid samples, building materials, materials for building	A, D
1.42[1]	Determination of Hg by atomic absorption spectrometry	CZ_SOP_D06_09_024 (ČSN 75 7440)	Food, feed, cosmetic products	A, D
1.43[2]	Determination of extractable organically bound halogens (EOX) by coulometry	CZ_SOP_D06_07_025.A (DIN 38409-H8)	Water, extracts	A, D
1.44[2]	Determination of extractable organically bound halogens (EOX) by coulometry	CZ_SOP_D06_07_025.B (DIN 38414-S17)	Solid samples	D
1.45[2]	Determination of adsorbable organically bound halogens (AOX by coulometry)	CZ_SOP_D06_07_026 (ČSN EN 16166; DIN 38414-S18)	Solid samples	D
1.46[2]	Determination of total halogens (TX) by coulometry	CZ_SOP_D06_07_027 (US EPA Method 9076; ČSN EN 14077)	Solid samples, oils, organic solvents	D
1.47[2]	Determination of adsorbable organically bound halogens (AOX) and dissolved organically bound halogens (DOX) by coulometry	CZ_SOP_D06_07_028 (ČSN EN ISO 9562; TNI 757531)	Water, extracts	A, D
1.48[2]	Determination of phenol index by spectrophotometric method after distillation	CZ_SOP_D06_07_029 (ČSN ISO 6439)	Solid samples	D
1.49-1.50	Reserved			
1.51[2]	Determination of absorbance and transmittance by spectrophotometry	CZ_SOP_D06_07_032 (ČSN 75 7360)	Water, extracts	A, D
1.52* [1,2,3,4,5,6,7,8,9]	Field measurement of turbidity ZFn by turbidimeter	CZ_SOP_D06_01_033 (ČSN EN ISO 7027-1)	Water	D
1.53[2]	Determination of humic substances by spectrophotometry	CZ_SOP_D06_07_034 (ČSN 75 7536)	Drinking, raw, surface, ground water	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.54[2]	Determination of water colour by spectrophotometric method	CZ_SOP_D06_07_035 (ČSN EN ISO 7887)	Water, extracts	D
1.55[2]	Determination of electrical conductivity	CZ_SOP_D06_07_036 (ČSN EN 27888)	Water, extracts, liquid samples	D
1.56[2]	Determination of pH electrochemically	CZ_SOP_D06_07_037 (ČSN ISO 10523)	Water, extracts, liquid samples	D
1.57[2]	Biodegradation of organic compounds in aqueous medium – Static test (Zahn-Wellens method) calculated from the measured values of COD_{Cr}	CZ_SOP_D06_07_038 (ČSN EN ISO 9888; OECD 302B with COD_{Cr} determination according to CZ_SOP_D06_07_040)	Chemicals and chemical products, water and waste leachate	D
1.58	Reserved			
1.59[2]	Determination of chemical oxygen demand using dichromate (COD_{Cr}) by titration	CZ_SOP_D06_07_040 (ČSN ISO 6060)	Water, extracts	D
1.60	Reserved			
1.61[2]	Determination of analytical water and gross water by gravimetry and calculation of total water from measured values	CZ_SOP_D06_07_041 (ČSN 44 1377; ČSN EN ISO 18134-1; ČSN EN ISO 18134-2; ČSN EN ISO 18134-3; ČSN P CEN/TS 15414-1; ČSN P CEN/TS 15414-2; ČSN EN ISO 21660-3; ČSN EN 12880; ČSN EN 14346:2007; ČSN EN 15002)	Solid fossil fuels, solid biofuels, solid recovered fuels, sludge, waste	D
1.62-1.63	Reserved			
1.64[1]	Determination of dissolved oxygen (in the laboratory) by electrochemical method with optical sensor	CZ_SOP_D06_02_043 (ČSN ISO 17289)	Water	D
1.65* [1,2,3,4,5,6,7,8,9]	Determination of dissolved oxygen by electrochemical method with membrane probe	CZ_SOP_D06_01_044 (ČSN EN ISO 5814)	Water	D
1.66[1,3]	Determination of dry matter by gravimetry and calculation of moisture from measured values	CZ_SOP_D06_01_045 (ČSN ISO 11465; ČSN EN 12880; ČSN EN 14346:2007)	Solid samples	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.67[2]	Determination of dry matter by gravimetry and calculation of moisture from measured values	CZ_SOP_D06_07_046 (ČSN ISO 11465; ČSN EN 12880; ČSN EN 14346:2007; ČSN 46 5735)	Solid samples	A, D
1.68[2]	Determination of ash by gravimetry and calculation of loss on ignition from measured values	CZ_SOP_D06_07_047.A (ČSN EN 15935; ČSN EN 13039; ČSN 72 0103; ČSN 46 5735)	Solid samples, silicate materials	A, D
1.69	Reserved			
1.70[2]	Determination of ash by gravimetry and calculation of loss on ignition from measured values	CZ_SOP_D06_07_047.C (ČSN ISO 1171; ČSN EN ISO 18122; ČSN EN ISO 21656; ČSN EN ISO 6245)	Solid and liquid fuels	D
1.71[1]	Qualitative determination of asbestos by SEM/EDS	CZ_SOP_D06_02_048 (ISO 22262-1; VDI 3866, part 5; DM06/09/94 GU n° 288 10/12/1994 All. 1 Met. B – quantitative determination)	Solid samples (except liquid waste, biowaste) building materials, materials for building	D
1.72[1]	Quantitative determination of asbestos by SEM/EDS after sample fractionation	CZ_SOP_D06_02_049 (VDI 3866, part 5; DM 06/09/94 GU n° 288 10/12/1994 All. 1 Met. B; IFA Workbook 7487; NEN 5898+C1; VDI 3876; ISO 22262-2)	Solid samples (except liquid waste, biowaste) building materials, materials for building	D
1.73[2]	Determination of water content by Karl Fischer method	CZ_SOP_D06_07_050 (ČSN ISO 760)	Liquid samples, solid samples	D
1.74	Reserved			
1.75[2]	Determination of suspended solids, fixed suspended solids, total solids, and fixed total solids by gravimetry and calculation of volatile suspended solids and volatile total solids from measured values	CZ_SOP_D06_07_052 (ČSN 75 7350; SM 2540 B; SM 2540 D; SM 2540 E)	Water, extracts	D
1.76[2]	Determination of suspended solids using glass fibre filters by gravimetry	CZ_SOP_D06_07_053 (ČSN EN 872)	Water, extracts	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.77[2]	Determination of dissolved solids (RL105) and fixed dissolved solids (RAS) using glass fibre filters by gravimetry and calculation of volatile dissolved solids from measured values	CZ_SOP_D06_07_054 (ČSN 75 7346; ČSN 75 7347)	Water, extracts	D
1.78[2]	Determination of total carbon (TC) and inorganic carbon (TIC) by IR detection and calculation of total organic carbon (TOC), carbonates and organic matter from measured values	CZ_SOP_D06_07_055 (ČSN EN 13137:2002; ČSN EN 15936; ČSN ISO 10694)	Solid samples, building materials, materials for building	D
1.79[1]	Determination of total organic carbon (TOC), dissolved organic carbon (DOC), total inorganic carbon (TIC) and total carbon (TC) by IR detection	CZ_SOP_D06_02_056 (ČSN EN ISO 20236; SM 5310; ČSN EN 1484)	Water, extracts	D
1.80[1]	Determination of nonpolar extractable substances by infrared spectrometry and calculation of polar extractable substances from measured values	CZ_SOP_D06_03_057 (ČSN 75 7505:2006; SS 028145; STN 83 0520-27:2015; STN 83 0530-36; STN 830540-4; US EPA Method 418.1; SM 5520 F; DS/R 209; SFS 3010)	Water, extracts	D
1.81[1]	Determination of extractable and non-polar extractable compounds by infrared spectrometry and calculation of polar extractable substances from measured values	CZ_SOP_D06_03_058 (SS 028145; TNV 75 8052; ISO/TR 11046:1994; US EPA Method 418.1; SM 5520 F; DS/R 209; SFS 3010)	Solid samples	D
1.82[1]	Determination of extractable substances by infrared spectrometry and calculation of polar extractable substances from measured values	CZ_SOP_D06_03_059 (ČSN 75 7506; SS 028145; STN 83 0520-27:2015; STN 83 0540-4; DS/R 209; SFS 3010)	Water, extracts	D
1.83[1]	Determination of alpha modification of silicon dioxide in respirable dust by infrared spectrometry	CZ_SOP_D06_03_060 (NIOSH 7602)	Dust	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.84* 1,2,3,4,5,6,7, 8,9,12	Field determination of free and total chlorine and chlorine dioxide by DPD method using HACH sets and bound chlorine by calculation from measured values	CZ_SOP_D06_01_061 (Instruction of the HACH COMPANY; ČSN EN ISO 7393-2)	Drinking water, warm water, raw water	A, B, D
1.85* 1,2,3,4,5,6,7, 8,9,12,	Field measurement of temperature	ČSN 75 7342	Water	D
1.86* 1,2,3,4,5,6,7,8, 9	Field measurement of electrical conductivity	CZ_SOP_D06_01_063 (ČSN EN 27888)	Water	D
1.87* 1,2,3,4,5,6,7, 8,9,12,	Field measurement of pH electrochemically	CZ_SOP_D06_01_064 (ČSN ISO 10523)	Water	D
1.88[1]	Sensory analysis of water – determination of odour and taste	CZ_SOP_D06_09_065 (TNV 75 7340:2005; ČSN EN 1622; STN EN 1622)	Drinking water	D
1.89[1,2]	Determination of phenols by continuous flow analysis (CFA) method spectrophotometrically	CZ_SOP_D06_07_066; CZ_SOP_D06_02_066 (ČSN EN ISO 14402; Instruction of the SKALAR company)	Water, extracts, absorption solution from emission sampling	D
1.90[1,2]	Determination of anionic surfactants by methylene blue (MBAS) by continuous flow analysis (CFA) method spectrophotometrically	CZ_SOP_D06_07_067; CZ_SOP_D06_02_067 (ČSN ISO 16265; ČSN EN 903; Instruction of the SKALAR company)	Water, extracts	D
1.91[1]	Determination of dissolved fluoride, chloride, nitrite, bromide, nitrate and sulphate by ion liquid chromatography and calculation of nitrite nitrogen and nitrate nitrogen and sulphate sulphur from measured values including the calculation of total mineralization	CZ_SOP_D06_02_068 (ČSN EN ISO 10304-1)	Water, extracts	A, B, D
1.92	Reserved			
1.93[1]	Determination of dry suspended solids and annealed suspend solids by gravimetry and calculation of loss on ignition of suspend solids and total solids from measured values	CZ_SOP_D06_02_070 (ČSN EN 872; ČSN 757350; SM 2540 D; SM 2540 E)	Water, extracts	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.94[1]	Determination of dissolved solids (RL) and dissolved solid annealed (RAS) using glass fibre filters by gravimetry and calculation of loss on ignition of dissolved solids (RL550) from measured values	CZ_SOP_D06_02_071 (ČSN 75 7346; ČSN 757347; ČSN EN 15216; SM 2540 C; SM 2540 E)	Water, extracts	D
1.95[1]	Determination of acid neutralizing capacity (alkalinity) by potentiometric titration and calculation of the carbonate hardness and CO_2 forms from measured values including the calculation of total mineralization	CZ_SOP_D06_02_072 (ČSN EN ISO 9963-1; ČSN EN ISO 9963-2; ČSN 75 7373; SM 2320)	Water, extracts	D
1.96[1]	Determination of base neutralizing capacity (acidity) by potentiometric titration	CZ_SOP_D06_02_073 (ČSN 75 7372)	Water, extracts	D
1.97[1]	Determination of turbidity by optical turbidimeter	CZ_SOP_D06_02_074 (ČSN EN ISO 7027-1)	Water, extracts	D
1.98[1]	Determination of electrical conductivity by conductometer and calculation of salinity	CZ_SOP_D06_02_075 (ČSN EN 27888; SM 2520 B)	Water, extracts, liquid samples	D
1.99[1]	Determination of chemical oxygen demand using dichromate (COD_{Cr}) by photometry	CZ_SOP_D06_02_076 (ČSN ISO 15705)	Water, extracts	D
1.100	Reserved			
1.101[1]	Determination of biochemical oxygen demand electrochemically after n days (BODn) by dilution method with allylthiourea addition	CZ_SOP_D06_02_077 (ČSN EN ISO 5815-1; SM 5210 B)	Water, extracts	D
1.102[1]	Determination of biochemical oxygen demand electrochemically after n days (BODn) by method for undiluted samples	CZ_SOP_D06_02_078 (ČSN EN 1899-2; ISO 5815-2; SM 5210 B)	Water, extracts	D
1.103[1]	Determination of colour by spectrophotometry	CZ_SOP_D06_02_079 (ČSN EN ISO 7887)	Water, extracts	D
1.104[1]	Determination of total phosphorus by discrete spectrophotometry and calculation of phosphorus as P_2O_5 and PO_4^{3-} from measured values	CZ_SOP_D06_02_080 (ČSN EN ISO 6878; ČSN EN ISO 15681-1)	Water, extracts	D
1.105	Reserved			

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.106[2]	Determination of chloride in absorption solution from emission sample of inorganic compounds of chlorine by potentiometric titration and calculation of hydrogen chloride from measured values	CZ_SOP_D06_07_082 (ČSN EN 1911)	Absorption solutions from emission sampling	D
1.107[2]	Determination of fluoride in absorption solution from emission sample of inorganic compounds of fluorine after separation by distillation by direct potentiometry and calculation of hydrogen fluoride from measured values	CZ_SOP_D06_07_083 (ČSN 83 4752-3:1989)	Absorption solutions from emission sampling	D
1.108	Reserved			
1.109[2]	Determination of ammonia in absorption solution from emission sample by photometry after distillation	CZ_SOP_D06_07_085 (ČSN 83 4728-4)	Absorption solutions from emission sampling	D
1.110[1]	Determination of total solids by gravimetry	CZ_SOP_D06_02_086 (ČSN 75 7346; ČSN 757347; ČSN EN 87; SM 2540 B, C, D)	Water	D
1.111[2]	Determination of pH, temperature and electrical conductivity in extracts prepared by a bottom-up percolation test (under specific conditions)	CZ_SOP_D06_07_087 (ČSN EN 14405; ČSN ISO 10523; ČSN 75 7342; ČSN EN 27888)	Solid samples	D
1.112[1]	Determination of pH, temperature and electrical conductivity in extracts prepared by a two-stage batch test (under specific conditions)	CZ_SOP_D06_01_088 (ČSN EN 12457-3; ČSN ISO 10523; ČSN 75 7342; ČSN EN 27888)	Solid samples	D
1.113[1]	Determination of total cyanide by spectrophotometry and calculation of complex-forming cyanides from measured values	CZ_SOP_D06_02_089.A (ČSN 75 7415; ČSN EN ISO 14403-2)	Water, extracts, absorption solutions from emission sampling	A, D
1.114[1]	Determination of total cyanide by spectrophotometry and calculation of complex-forming cyanides from measured values	CZ_SOP_D06_02_089.B (ČSN 75 7415; ČSN EN ISO 17380; ČSN EN ISO 14403-2; SM 4500 CN)	Solid samples, building materials, materials for building	A, D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.115[1]	Determination of easily releasable cyanide (free cyanide) and cyanide dissociated by weak acid by spectrophotometry	CZ_SOP_D06_02_090.A (ČSN ISO 6703-2; ČSN EN ISO 14403-2; SM 4500 CN)	Water, extracts	A, D
1.116[1]	Determination of easily releasable cyanide (free cyanide) and cyanide dissociated by weak acid by spectrophotometry	CZ_SOP_D06_02_090.B (ČSN 75 7415; ČSN EN ISO 17380; ČSN EN ISO 14403-2; SM 4500 CN)	Solid samples, building materials, materials for building	A, D
1.117[1]	Determination of fluorides by electrochemical method (ISE)	CZ_SOP_D06_02_091 (ČSN ISO 10359-1)	Water, extracts	D
1.118[1]	Determination of chemical oxygen demand using permanganate (COD_{Mn}) by titration	CZ_SOP_D06_02_092 (ČSN EN ISO 8467)	Water, extracts	D
1.119[1]	Determination of bound nitrogen (TNb), following oxidation to nitrogen oxides by chemiluminescent detection	CZ_SOP_D06_02_094.A (ČSN EN ISO 20236)	Water, extracts	D
1.120	Reserved			
1.121[1]	Qualitative determination of asbestos fibre by polarization microscope	CZ_SOP_D06_02_095 (NIOSH 9002; VDI 3866 – Blatt/Part 4; HSG 248 – Appendix 2; AS 4964)	Solid samples, (except liquid waste, biowaste), building materials, materials for building	D
1.122[1]	Determination of Mercury by Fluorescence Spectrometry	CZ_SOP_D06_02_096 (US EPA Method 245.7; ČSN EN ISO 17852)	Water, extracts	D
1.123[1]	Determination of Mercury by Fluorescence Spectrometry	CZ_SOP_D06_02_096 (ČSN EN ISO 17852; ISO 16772:2004)	Solid samples, building materials, materials for building	D
1.124	Reserved			
1.125[1]	Determination of Mercury by Fluorescence Spectrometry	CZ_SOP_D06_02_096 (ČSN EN ISO 17852; ČSN EN 13211)	Emission, imission	D
1.126-1.127	Reserved			
1.128[1]	Determination of dissolved bromate, chlorate and chlorite by ion liquid chromatography method and calculation of the sum of chlorate and chlorite from measured values	CZ_SOP_D06_02_098 (ČSN EN ISO 15061; ČSN EN ISO 10304-4; US EPA Method 300.1)	Water, extracts	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]
1.129[1]	Determination of chloride by discrete spectrophotometry	CZ_SOP_D06_02_099 (US EPA Method 325.1; SM 4500-Cl^-; ČSN ISO 15923-1)	Water, extracts	D
1.130[1]	Determination of extractable substances by gravimetry	CZ_SOP_D06_03_100 (ČSN 75 7508; SM 5520B)	Water	D
1.131	Reserved			
1.132[2]	Determination of total nitrogen by modified Kjeldahl method by spectrometry	CZ_SOP_D06_07_102 (ČSN ISO 11261)	Solid samples	A, D
1.133* [1,2,3,4,5,6,7,8,9]	Field measurement of oxidation-reduction potential (ORP) by potentiometry	CZ_SOP_D06_01_103 (ČSN 75 7367)	Water	D
1.134[1]	Determination of grease and oils by gravimetry (extraction after evaporation)	CZ_SOP_D06_03_104 (ČSN 75 7509)	Water	D
1.135[1]	Determination of pH by potentiometry	CZ_SOP_D06_02_105 (ČSN ISO 10523; US EPA Method 150.1; SM 4500-H^+ B)	Water, extracts, liquid samples	D
1.136	Reserved			
1.137[2]	Determination of total nitrogen by modified Kjeldahl method by spectrophotometry	CZ_SOP_D06_07_107 (ČSN EN 25663; ČSN ISO 7150-1; SFS 5505)	Water, extracts	D
1.138[1]	Determination of settleable solids by volumetry	CZ_SOP_D06_02_108 (SM 2540 F)	Water, extracts	A, D
1.139[1]	Determination of dissolved silicates by discrete photometry and calculation of H_2SiO_3 and total mineralization from measured values	CZ_SOP_D06_02_109 (US EPA Method 370.1; ČSN ISO 15923-1)	Water, extracts	D
1.140[1]	Determination of Chlorophyll by spectrophotometry	CZ_SOP_D06_02_110 (SM 10200 H)	Surface water	A, D
1.141	Reserved			
1.142[2]	Determination of phosphorus soluble in sodium hydrogen carbonate solution spectrophotometrically	CZ_SOP_D06_07_112 (ČSN ISO 11263)	Solid samples	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.143[2]	Determination of pH electrochemically in the suspension in water, KCl, $CaCl_2$, $BaCl_2$	CZ_SOP_D06_07_113 (ČSN EN ISO 10390; ČSN EN 12176:1999; ČSN EN 13037; ČSN 46 5735; ÖNORM L 1086-1; US EPA Method 9045D; US EPA Method 9040C)	Solid samples, building materials, materials for building	D
1.144[2]	Determination of formaldehyde by spectrophotometry	CZ_SOP_D06_07_114 (Chemical and physical methods of water analysis, SNTL Prague 1989)	Water, extracts	D
1.145[2]	Determination of non-degradable impurities, unwanted impurities and impurities gravimetrically	CZ_SOP_D06_07_115 (ČSN 46 5735; Decree No. 273/2021 Coll.; Uniform working procedures UKZÚZ – Fertilizer testing – 20231.1)	Waste, composts	D
1.146[2]	Determination of iron (II) by spectrophotometry	CZ_SOP_D06_07_116 (ČSN ISO 6332)	Water, extracts	A, D
1.147[2]	Determination of total carbon (TC), total organic carbon (TOC) by the combustion method with IR detection and calculation of total inorganic carbon (TIC), carbonates and organic matter from measured values	CZ_SOP_D06_07_117 (Instruction of Elementar company; ČSN ISO 10694; ČSN EN 13137:2002; ČSN EN 15936)	Solid samples, building materials, materials for building	D
1.148[2]	Determination of permeability by falling head	CZ_SOP_D06_07_118 (ČSN EN ISO 17892-11, chap. 5.2.2.3)	Soil	D
1.149[1]	Determination of aggressive carbon dioxide by the Heyer's method using calculation from alkalinity	CZ_SOP_D06_02_119 (ČSN 83 0530-14:2000)	Water	D
1.150[2]	Determination of grain size by the combined method of the suspension density and sieve analyses and calculation of permeability from measured values according to USBSC	CZ_SOP_D06_07_120 (ČSN EN ISO 17892-4; ČSN EN 933-1; ČSN EN 933-2; BS ISO 11277: 2020-A1; Instruction TOM 23/1)	Solid samples with grain sizes below 63 mm, sludges, sediments	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.151[2]	Determination of total carbon, total sulfur, and hydrogen by combustion method with IR detection, determination of total nitrogen by combustion method with TCD detection and calculation of oxygen from measured values	CZ_SOP_D06_07_121.A (Instruction of the LECO; ČSN ISO 29541; ČSN EN ISO 16994; ČSN EN ISO 16948; ČSN ISO 19579; ČSN EN 15408; ČSN ISO 10694; ČSN EN ISO 21663)	Solid samples, waste, sludge, lubricants, feed, vegetable materials, digestates, solid fossil fuels, solid biofuels, solid recovered fuels, building materials, materials for building	A, D
1.152[2]	Determination of carbon, sulfur and hydrogen by combustion method with IR detection and determination of nitrogen by combustion method with TCD detection and calculation of oxygen from measured values	CZ_SOP_D06_07_121.B (Instruction of the LECO)	Oil, liquid fuels, combustible liquid, and solid wastes	A, D
1.153[1]	Determination of hexavalent chromium by ion chromatography with spectrophotometric detection and calculation of trivalent chromium from measured values	CZ_SOP_D06_02_122 (US EPA Method 7199; SM 3500-Cr)	Water, extracts	D
1.154[1]	Determination of hexavalent chromium by ion chromatography with spectrophotometric detection and calculation of trivalent chromium from measured values	CZ_SOP_D06_02_122 (ČSN EN ISO 15192; EPA Method 3060A)	Solid samples	D
1.155[2]	Determination of particle size and distribution using laser diffraction	CZ_SOP_D06_07_123 (ISO 13320)	Emulsions, suspensions, dispersion liquids, waters – waste, surface, raw	D
1.156	Reserved			
1.157[2]	Determination of gross calorific value by calorimetric method and calculation of net calorific value and emission factor from measured values	CZ_SOP_D06_07_124.A (ČSN ISO 1928; ČSN EN ISO 18125; ČSN EN ISO 21654; ČSN EN 15170; ČSN DIN 51900-1; ČSN DIN 51900-2; ČSN DIN 51900-3; ČSN P CEN/TS 16023)	Solid fossil fuels, solid biofuels, solid recovered fuels, waste, sludge, combustible building materials	A, D
1.158[2]	Determination of gross calorific value by calorimetric method and calculation of net calorific value and emission factor from measured values	CZ_SOP_D06_07_124.B (ČSN DIN 51900-1; ČSN DIN 51900-2; ČSN DIN 51900-3)	Oils, liquid fuels, combustible liquid, and solid wastes	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.159[1,2]	Determination of total bromine, chlorine, fluorine, and sulphur by calculation from the measured values of bromide, chloride, fluoride, and sulphate by IC method after burning the sample	CZ_SOP_D06_07_124.C (ČSN EN ISO 16994; ČSN EN 15408; ČSN EN 14582)	Solid fossil fuels, solid biofuels, solid recovered fuels, waste, sludge, combustible building materials	A, B, D
1.160[1,2]	Determination of total bromine, chlorine, fluorine, and sulphur by calculation from the measured values of bromide, chloride, fluoride and sulphate by IC method after burning the sample	CZ_SOP_D06_07_124.D (ČSN DIN 51900-1; ČSN DIN 51900-2; ČSN DIN 51900-3)	Oils, liquid fuels, combustible liquid and solid wastes	D
1.161[2]	Determination of laboratory compacted bulk density (LCBD	CZ_SOP_D06_07_125 (ČSN EN 13040)	Sludge, composts, soils meliorants and growth stimulants	D
1.162[2]	Determination of electrical conductivity	CZ_SOP_D06_07_126 (ČSN EN 13038; ČSN ISO 11265; ČSN P CEN/TS 15937)	Sludge, composts, soils, soils meliorants and growth stimulants, modified bio waste	D
1.163[1]	Determination of hexavalent chromium by ion chromatography with spectrophotometric detection and calculation of trivalent chromium from measured values	CZ_SOP_D06_02_127 (ISO 16740; US EPA Method 425)	Emission, imission	A, D
1.164	Reserved			
1.165[1]	Determination of sulphite by ion chromatography method	CZ_SOP_D06_02_129 (ČSN EN ISO 10304-3)	Water, extracts	A, B, D
1.166[2]	Determination of volatile matter by gravimetry and calculation of fixed carbon from the measured values	CZ_SOP_D06_07_130 (ČSN ISO 562; ČSN ISO 5071-1; ČSN EN ISO 18123; ČSN EN ISO 22167)	Solid fossil fuels, solid biofuels, solid recovered fuels	D
1.167[2]	Determination of sulphite after distillation by titration	CZ_SOP_D06_07_131 (M. Horáková et al.: Chemical and physical methods of water analyses)	Water, extracts	D
1.168[2]	Determination of respiratory activity (AT_4) using respirometer	CZ_SOP_D06_07_132 (ÖNORM S 2027-4)	Wastes, sludges, composts, soils	D
1.169* [1,2,4,6,7,8,9]	Field determination of ozone using HACH sets	CZ_SOP_D06_01_133 (Method 8311 HACH Company, USA)	Drinking water, pool water	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.170[1]	Determination of fluoride, chloride, and sulphate in absorption solution from emission sampling by ion chromatographic method and calculation of hydrogen fluoride, hydrogen chloride and sulphur dioxide from measured values	CZ_SOP_D06_02_134 (ČSN EN 1911; STN ISO 15713; ČSN EN 14791; ČSN EN ISO 10304-1; ČSN P CEN/TS 17340)	Emission	D
1.171[1]	Determination of non-polar extractable compounds by UV spectrometry	CZ_SOP_D06_03_135, (ČSN 83 0540-4:1998; STN 83 0540-4)	Water, extracts	D
1.172[1]	Determination of non-polar extractable compounds by UV spectrometry	CZ_SOP_D06_03_135, (ČSN 83 0540-4:1998; STN 83 0540-4)	Solid samples	D
1.173[1]	Determination of total dust concentration and respirable dust fraction by gravimetry and results recalculation to the volume of air	CZ_SOP_D06_02_136 (ČSN EN 481; ČSN EN 482; ČSN EN 689+AC; NIOSH 0500; NIOSH 0600; GR No.361/2007 Sb.)	Working environment	D
1.174[2]	Determination of SiO_2 in silicate materials after decomposition by gravimetry	CZ_SOP_D06_07_137 (ČSN 72 0105-1)	Solid samples	D
1.175[2]	Determination of P_2O_5 in silicate materials after decomposition by spectrophotometry	CZ_SOP_D06_07_138 (ČSN 72 0116-1)	Solid samples	D
1.176[2]	Determination of total sulfur in silicate materials after decomposition by gravimetry	CZ_SOP_D06_07_139 (ČSN 72 0118)	Solid samples	D
1.177	Reserved			
1.178*[1,2,5]	Determination of CH_4, CO_2, O_2, H_2S by Geotech Company gas analyzer and calculation of N_2 from measured values	CZ_SOP_D06_01_141 (BIOGAS 5000 Analyzer Manual)	Gases	A, B, D
1.179	Reserved			
1.180[2]	Determination of total inorganic fluorine after separation by distillation by direct potentiometry	CZ_SOP_D06_07_143 (ČSN ISO 10359-2; ČSN 83 4752-3:1989)	Water, extracts, liquid samples	D
1.181[2]	Determination of total inorganic fluorine after separation by distillation by direct potentiometry	CZ_SOP_D06_07_143 (ČSN ISO 10359-2; ČSN 83 4752-3:1989)	Solid samples	A, D
1.182	Reserved			

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
1.183[1]	Determination of the numerical concentration of asbestos and mineral fibers by a microscope with phase contrast	CZ_SOP_D06_02_145 (ISO 8672; WHO Determination of airborne fibre number concentration; NIOSH 7400; OSHA ID-160; MTA/MA-051/A04)	Outdoor and indoor air, working environment – exposed filters	D
2	**Organic Chemistry**			
2.1[1]	Determination of extractable compounds in the range of hydrocarbons C_{10} – C_{40} / C_{10} -C_{50}, their fractions calculated from the measured values by gas chromatography method with FID detection	CZ_SOP_D06_03_150 (ČSN EN 14039; ČSN EN ISO 16703; ČSN P CEN ISO/TS 16558-2; US EPA Method 8015D; TNRCC Method 1006)	Solid samples	A, D
2.2[1]	Determination of extractable compounds in the range of hydrocarbons C_{10} – C_{40}, their fractions calculated from the measured values by gas chromatography method with FID detection	CZ_SOP_D06_03_151 (ČSN EN ISO 9377-2; US EPA Method 8015D; TNRCC Method 1006)	Water, extracts	A, D
2.3[1]	Determination of extractable compounds in the range of hydrocarbons C_5 – C_{40}, their fractions calculated from the measured values by gas chromatography method with FID detection	CZ_SOP_D06_03_152 (TNRCC Method 1006; TNRCC Method 1005)	Water, extracts, liquid samples	A, B, D
2.4[1]	Determination of extractable compounds in the range of hydrocarbons C_5 – C_{40}, their fractions calculated from the measured values by gas chromatography method with FID detection	CZ_SOP_D06_03_152 (TNRCC Method 1006; TNRCC Method 1005)	Solid samples	A, B, D
2.5[1]	Determination of volatile organic compounds by gas chromatography method with detection FID and MS and calculation of volatile organic compounds sums from measured values and results recalculation to the volume of air	CZ_SOP_D06_03_153 (ČSN P CEN/TS 13649; NIOSH 1003; NIOSH 1005; NIOSH 1007; NIOSH 1022; NIOSH 1400; NIOSH 1450; NIOSH 1457; NIOSH 1500; NIOSH 1501; NIOSH 1602; NIOSH 1609; NIOSH 2542)	Solid sorbents	A, B, D
2.6[1]	Determination of aldehydes and ketones by liquid chromatography with MS/MS detection	CZ_SOP_D06_03_154 (US EPA Method TO11; ISO 16000-3)	Working environment, emission, imission	B, D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
2.7[1]	Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values	CZ_SOP_D06_03_155 (US EPA Method 624.1; US EPA Method 5021A; US EPA Method 8260D; US EPA Method 8015C; ČSN EN ISO 10301; MADEP 2004, rev. 1.1; ČSN ISO 11423-1; ČSN EN ISO 15680)	Water, extracts	A, B, D
2.8[1]	Determination of volatile organic compounds by gas chromatography method with FID and MS detection and calculation of volatile organic compounds sums from measured values	CZ_SOP_D06_03_155 (US EPA Method 8260D; US EPA Method 5021A; US EPA Method 8015C; ČSN EN ISO 22155; ČSN EN ISO 15009; ČSN EN ISO 16558-1; MADEP 2004, rev. 1.1,)	Solid samples	A, B, D
2.9[1]	Determination of volatile organic compounds by gas chromatography method with detection FID and ECD and calculation of volatile organic compounds sums from measured values	CZ_SOP_D06_03_156 (US EPA Method 601; US EPA Method 8260D; US EPA Method 8015C; RBCA Petroleum Hydrocarbon Methods; ČSN EN ISO 11423-1; ČSN EN ISO 15680)	Water, extracts	A, B, D
2.10[1]	Determination of volatile organic compounds by gas chromatography method with detection FID and ECD and calculation of volatile organic compounds sums from measured values	CZ_SOP_D06_03_156 (US EPA Method 8260D; US EPA Method 8015C; ČSN EN ISO 22155; ČSN EN ISO 15009; ČSN EN ISO 16558-1; RBCA Petroleum Hydrocarbon Methods)	Solid samples	A, B, D
2.11[1]	Determination of organic contaminants by gas chromatography method with MS detection (SPIMFAB) and calculation of organic contaminants sums from measured values	CZ_SOP_D06_03_157 (SPIMFAB)	Water, extracts	A, B, D
2.12[1]	Determination of organic contaminants by gas chromatography method with MS detection (SPIMFAB) and calculation of organic contaminants sums from measured values	CZ_SOP_D06_03_157 (SPIMFAB; ČSN ISO 18287)	Waste (solid waste, biowaste), sediments, soil, rocks	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]
2.13[1]	Determination of phenol and chlorinated phenols by gas chromatography method with MS detection and calculation of phenol and chlorinated phenols sums from measured values	CZ_SOP_D06_03_158 (US EPA Method 8041A; US EPA Method 3500C; ČSN EN 12673)	Water	A, D
2.14[1]	Determination of phenol and chlorinated phenols by gas chromatography method with MS detection and calculation of phenol and chlorinated phenols sums from measured values	CZ_SOP_D06_03_158 (US EPA Method 8041A; US EPA Method 3500C; DIN ISO 14154)	Building materials, materials for building, waste (solid waste, biowaste), sediments, soil, rocks	A, D
2.15[1]	Determination of cannabinoids by gas chromatography method with MS detection and calculation of sums	CZ_SOP_D06_03_204	Cannabis plants, hemp extracts, hemp products	A, D
2.16[1]	Determination of phthalates by gas chromatography method with MS detection and calculation of phthalates sums from measured values	CZ_SOP_D06_03_159 (US EPA Method 8061A)	Water, extracts	A, B, D
2.17[1]	Determination of phthalates by gas chromatography method with MS detection and calculation of phthalates sums from measured values	CZ_SOP_D06_03_159 (US EPA Method 8061A; CPSC-CH-C1001-09.3)	Building materials, materials for building, waste (solid waste, biowaste), sediments, soil, rocks	A, B, D
2.18[1]	Determination of phenols and cresols by gas chromatography method with MS detection and calculation of phenols and cresols sums from measured values	CZ_SOP_D06_03_160 (US EPA Method 8041A; US EPA Method 3500C)	Water, extracts	A, B, D
2.19[1]	Determination of phenols and cresols by gas chromatography method with MS detection and calculation of phenols and cresols sums from measured values	CZ_SOP_D06_03_160 (US EPA Method 8041A; US EPA Method 3500C)	Building materials, materials for building, waste (solid waste, biowaste), sediments, soil, rocks	A, B, D
2.20[1]	Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values	CZ_SOP_D06_03_161 (US EPA Method 8270D; US EPA Method 8082A; ČSN EN ISO 6468; US EPA Method 8000D)	Water, extracts	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]
2.21[1]	Determination of semi volatile organic compounds by gas chromatography method with MS or MS/MS detection and calculation of semi volatile organic compounds sums from measured values	CZ_SOP_D06_03_161 (US EPA Method 8270D; US EPA Method 8082A; ČSN EN 17503; ISO 18287; ISO 18475; ČSN EN 17322)	Building materials, materials for building, waste (solid waste, biowaste), sediments, soil, rocks	A, B, D
2.22[1]	Determination of polycyclic aromatic hydrocarbons by liquid chromatography method with detection FLD and PDA and calculation of polycyclic aromatic hydrocarbons sums from measured values	CZ_SOP_D06_03_162 (US EPA Method 550)	Drinking, table, and infant water	A, B, D
2.23[1]	Determination of polycyclic aromatic hydrocarbons by liquid chromatography method with detection FLD and PDA and calculation of polycyclic aromatic hydrocarbons sums from measured values	CZ_SOP_D06_03_163 (US EPA Method 610; ČSN EN ISO 17993)	Water, extracts	A, B, D
2.24[1]	Determination of polycyclic aromatic hydrocarbons by liquid chromatography method with detection FLD and PDA and calculation of polycyclic aromatic hydrocarbons sums from measured values	CZ_SOP_D06_03_163 (US EPA Method 610; US EPA Method 3550; ČSN EN 17503)	Solid samples	A, B, D
2.25[1]	Determination of glycols by gas chromatography method with MS detection	CZ_SOP_D06_03_164	Water, cooling liquids, anti-freeze fluid	A, B, D
2.26[1]	Determination of polycyclic aromatic hydrocarbons by liquid chromatography method with detection FLD and PDA and calculation of polycyclic aromatic hydrocarbons sums from measured values and results recalculation to the volume of air	CZ_SOP_D06_03_165 (ISO 11338-2)	Emission, imission	A, B, D
2.27[1]	Determination of polychlorinated biphenyls by gas chromatography method with ECD detection and calculation of polychlorinated biphenyls sums from measured values	CZ_SOP_D06_03_166 (DIN 38407-3:1998; US EPA Method 8082)	Water, extracts	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]
2.28[1]	Determination of polychlorinated biphenyls by gas chromatography method with ECD detection and calculation of polychlorinated biphenyls sums from measured values	CZ_SOP_D06_03_166 (US EPA Method 8082; ISO 18475; ČSN EN 17322)	Solid samples, sealing materials	A, B, D
2.29[1]	Determination of alkylphenols and alkylphenol ethoxylates by gas chromatography method with MS or MS/MS detection and calculation of alkylphenols and alkylphenol ethoxylates sums from measured values	CZ_SOP_D06_03_167 (European Standard BT WI CSS99040)	Sediments, soils, rocks	A, B, D
2.30[1]	Determination of polychlorinated biphenyls congener analyses by gas chromatography method with ECD detection and calculation of polychlorinated biphenyls sums from measured values	CZ_SOP_D06_03_168 (ČSN EN 12766-1; ČSN EN 61619)	Oil hydrocarbons, used oils, insulating liquids	A, B, D
2.31[1]	Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values	CZ_SOP_D06_03_169 (ČSN EN ISO 6468; US EPA Method 8081)	Water, extracts	A, B, D
2.32[1]	Determination of organochlorine pesticides and other halogen compounds by gas chromatography method with ECD detection and calculation of organochlorine pesticides and other halogen compounds sums from measured values	CZ_SOP_D06_03_169 (US EPA Method 8081; ISO 18475)	Solid samples	A, B, D
2.33[1]	Determination of perchlorates by liquid chromatography with MS/MS detection	CZ_SOP_D06_03_170.A (US EPA Method 6850)	Drinking water	A, B, D
2.34[1]	Determination of perchlorates by liquid chromatography with MS/MS detection	CZ_SOP_D06_03_170.B (US EPA Method 6850)	Sediments, sludges, soils, rocks	A, B, D
2.35[3]	Determination of polychlorinated dibenzo-*p*-dioxins and dibenzofuranes in emissions by isotope dilution method using HRGC-HRMS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_170 (US EPA Method 23; US EPA Method 23A)	Emission	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
2.36[3]	Determination of polychlorinated dibenzo-*p*-dioxins and dibenzofuranes in imission by isotope dilution method using HRGC-HRMS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_171 (US EPA Method TO-9A)	Imission	D
2.37[3]	Determination of coplanar polychlorinated biphenyls by isotope dilution method using HRGC-HRMS and calculation of PCB sums and TEQ parameter from measured values	CZ_SOP_D06_06_172 (JIS K 0311)	Emission, imission	D
2.38[3]	Determination of polychlorinated biphenyls by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of PCB sums and TEQ parameter from measured values	CZ_SOP_D06_06_173 (US EPA Method 1668A; ČSN EN 16190)	Water	A, B, D
2.39[3]	Determination of polychlorinated biphenyls by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of PCB sums and TEQ parameter from measured values	CZ_SOP_D06_06_173 (US EPA Method 1668A; ČSN EN 16190)	Solid samples, building materials, materials for building	A, B, D
2.40[3]	Determination of polychlorinated biphenyls by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of PCB sums and TEQ parameter from measured values	CZ_SOP_D06_06_173 (US EPA Method 1668A; ČSN EN 16190; Commission Regulation (EU) No. 644/2017; Commission Regulation (EU) No. 152/2009)	Biological materials, vegetable materials, animal materials	A, B, D
2.41[3]	Determination of polychlorinated biphenyls by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of PCB sums and TEQ parameter from measured values	CZ_SOP_D06_06_173 (US EPA Method 1668A; ČSN EN 16190; Commission Regulation (EU) No. 644/2017; Commission Regulation (EU) No. 152/2009)	SPMD, food, feed, biotic materials	A, B, D
2.42[3]	Determination of polychlorinated dibenzo-p-dioxins and dibenzofuranes in emission samples by isotope dilution method using HRGC-HRMS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_174 (ČSN EN 1948-2; ČSN EN 1948-3)	Emission	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
2.43[3]	Determination of tetra- to octa-chlorinated dioxins and furanes by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_175 (US EPA Metod 1613B; ČSN EN 16190)	Water	A, B, D
2.44[3]	Determination of tetra- to octa-chlorinated dioxins and furanes by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_175 (US EPA Method 1613 B; ČSN EN 16190)	Solid samples, building materials, materials for building	A, B, D
2.45[3]	Determination of tetra- to octa-chlorinated dioxins and furanes by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_175 (US EPA Method 1613B, ČSN EN 16190; Commission Regulation (EU) No. 644/2017; Commission Regulation (EU) No. 152/2009)	Biological materials, vegetable materials, animal materials	A, B, D
2.46[3]	Determination of tetra- to octa-chlorinated dioxins and furanes by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_175 (US EPA Method 1613B; ČSN EN 16190, Commission Regulation (EU) No. 644/2017; Commission Regulation (EU) No. 152/2009)	SPMD, food, feed, biotic materials	A, B, D
2.47[3]	Determination of polychlorinated dibenzodioxins (PCDD) and polychlorinated dibenzofurans (PCDF) using HRGC-HRMS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_176 (US EPA Method 8290A)	Water	D
2.48[3]	Determination of polychlorinated dibenzodioxins (PCDD) and polychlorinated dibenzofurans (PCDF) using HRGC-HRMS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_176 (US EPA Method 8290A)	Solid samples	D
2.49[3]	Determination of polychlorinated dibenzodioxins (PCDD) and polychlorinated dibenzofurans (PCDF) using HRGC-HRMS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_176 (US EPA Method 8290A)	Biological materials	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
2.50[3]	Determination of polychlorinated dibenzodioxins (PCDD) and polychlorinated dibenzofurans (PCDF) using HRGC-HRMS and calculation of TEQ parameters from measured values	CZ_SOP_D06_06_176 (US EPA Method 8290A)	Food, feed, biotic materials	D
2.51[3]	Determination of selected brominated flammable retardants (BFR) by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of brominated flammable retardants sums from measured values	CZ_SOP_D06_06_177 (US EPA Method 1614)	Water	A, B, D
2.52[3]	Determination of selected brominated flammable retardants (BFR) by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of brominated flammable retardants sums from measured values	CZ_SOP_D06_06_177 (US EPA Method 1614; ČSN EN 16377; ČSN EN ISO 22032)	Solid samples, building materials, materials for building, emissions, imissions	A, B, D
2.53[3]	Determination of selected brominated flammable retardants (BFR) by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of brominated flammable retardants sums from measured values	CZ_SOP_D06_06_177 (US EPA Method 1614)	Biological materials, vegetable materials, animal materials	A, B, D
2.54[3]	Determination of selected brominated flammable retardants (BFR) by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of brominated flammable retardants sums from measured values	CZ_SOP_D06_06_177 (US EPA Method 1614)	SPMD, food, feed, biotic materials	A, B, D
2.55[1]	Determination of alkylphenols and alkylphenol ethoxylates by gas chromatography method with MS or MS/MS detection and calculation of alkylphenols and alkylphenol ethoxylates sums from measured values	CZ_SOP_D06_03_178 (ČSN EN ISO 18857-2)	Water, extracts	A, B, D
2.56[3]	Determination of PCB by isotope dilution method using HRGC-HRMS and calculation of PCB sums from measured values	CZ_SOP_D06_06_179 (ČSN EN 1948-4; US EPA Method TO-4A)	Emission, imission, working environment	D
2.57[3]	Determination of polycyclic aromatic hydrocarbons by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of polyaromatic hydrocarbons sums from measured values	CZ_SOP_D06_06_180 (US EPA Method 429; ISO 11338; US EPA Method 3540)	Solid samples, building materials, materials for building	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]
2.58[3]	Determination of polycyclic aromatic hydrocarbons by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of polyaromatic hydrocarbons sums from measured values	CZ_SOP_D06_06_180 (US EPA Method 429; ISO 11338; US EPA Method TO-13A; ČSN EN 15549)	Emission, imission, working environment	A, B, D
2.59[3]	Determination of polycyclic aromatic hydrocarbons by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of polyaromatic hydrocarbons sums from measured values	CZ_SOP_D06_06_180 (US EPA Method 429; STN EN 16619)	Biological materials, vegetable materials, animal materials	A, B, D
2.60[3]	Determination of polycyclic aromatic hydrocarbons by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of polyaromatic hydrocarbons sums from measured values	CZ_SOP_D06_06_180 (US EPA Method 429; STN EN 16619)	SPMD, food, feed, biotic materials	A, B, D
2.61[3]	Determination of polycyclic aromatic hydrocarbons by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of polyaromatic hydrocarbons sums from measured values	CZ_SOP_D06_06_180 (US EPA Method 429; ISO 11338; IP 346)	Oils	A, B, D
2.62[1]	Determination of semi-volatile organic compounds by gas chromatography method with MS detection and calculation of semi-volatile organic compounds sums from measured values	CZ_SOP_D06_03_181 (US EPA Method 429; US EPA Method 1668A; US EPA Method 3550C)	Sediments, soils, rocks	A, B, D
2.63[1]	Determination of acidic herbicides, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of acidic herbicides, drug residues and other pollutants sums from measured values	CZ_SOP_D06_03_182.A (DIN 38407-35)	Water	A, B, D
2.64[1]	Determination of acidic herbicides and drug residues by liquid chromatography method with MS/MS detection	CZ_SOP_D06_03_182.B (ČSN EN 15637; US EPA Method 1694)	Sediments, sludges, soils, rocks	A, B, D
2.65[1]	Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticide metabolites, drug residues and other pollutants sums from measured values	CZ_SOP_D06_03_183.A (US EPA Method 535; US EPA Method 1694)	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]
2.66[1]	Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticides metabolites, drug residues and other pollutants sums from measured values	CZ_SOP_D06_03_183.B (ČSN EN 15637; US EPA Method 1694)	Sediments, sludges, soils, rocks, building materials, materials for building	A, B, D
2.67[1]	Determination of pesticides, pesticide metabolites, drug residues and other pollutants by liquid chromatography method with MS/MS detection and calculation of pesticides, pesticides metabolites, drug residues and other pollutants sums from measured values	CZ_SOP_D06_03_183.C (ČSN EN 15662)	Vegetable materials, animal materials	A, B, D
2.68[1]	Determination of pesticides by gas chromatography method with MS or MS/MS detection and calculation of pesticides sums from measured values	CZ_SOP_D06_03_184 (US EPA Method 8141B; US EPA Method 3535A; ČSN EN 12918)	Water	A, B, D
2.69[1]	Determination of pesticides and pesticides metabolites by derivatization and liquid chromatography method with MS/MS detection and calculation of pesticides and pesticide metabolites sums from measured values	CZ_SOP_D06_03_185.A (ČSN ISO 21458)	Water	A, B, D
2.70[1]	Determination of pesticides and pesticides metabolites by derivatization and liquid chromatography method with MS/MS detection	CZ_SOP_D06_03_185.B (Journal of Chromatography A, 1292 (2013) 132-141; EC Decision No. 2002/657/ES)	Sediments, sludges, soils, rocks	A, B, D
2.71[1]	Determination of complexing substances by gas chromatography method with MS detection	CZ_SOP_D06_03_186 (ČSN EN ISO 16588)	Water	A, B, D
2.72	Reserved			
2.73[1]	Determination of organic acids by capillary electrophoresis method with UV detection	CZ_SOP_D06_03_188.A (Lumex Company manual, Kudrjashova, M.: Capillary electrophoretic monitoring of microbial growth: determination of organic acids, COPYRIGHT 2004 Estonian Academy Publishers, June, 2004 Source Volume: 53 Source Issue: 2, ISSN: 1406-0124)	Water	A, B, D

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2.74[1]	Determination of organic acids by capillary electrophoresis method with UV detection	CZ_SOP_D06_03_188.B (manual from Lumex, Kudrjashova, M.: Capillary electrophoretic monitoring of microbial growth: determination of organic acids, COPYRIGHT 2004 Estonian Academy Publishers, June, 2004 Source Volume: 53 Source Issue: 2, ISSN: 1406-0124)	Feed, composts, digestate	A, B, D
2.75[1]	Determination of gases by gas chromatography method with detection FID and TCD	CZ_SOP_D06_03_189 (US EPA Method RSK-175)	Water, liquid samples	A, B, D
2.76[1]	Low limit determination of volatile organic compounds by gas chromatography method with MS detection and calculation of volatile organic compounds sums from measured values	CZ_SOP_D06_03_190 (US EPA Method 5021A; US EPA Method 8260D)	Water	A, B, D
2.77[1]	Low limit determination of volatile organic compounds by gas chromatography method with MS detection and calculation of volatile organic compounds sums from measured values	CZ_SOP_D06_03_190 (US EPA Method 5021A; US EPA Method 8260D)	Solid samples	A, B, D
2.78[1]	Determination of chlorinated alkanes by gas chromatography method with MS/MS detection	CZ_SOP_D06_03_192.A (ČSN EN ISO 12010)	Water	A, B, D
2.79[1]	Determination of chlorinated alkanes by gas chromatography method with MS/MS detection	CZ_SOP_D06_03_192.B (ČSN EN ISO 12010; ČSN EN ISO 18635)	Building materials, materials for building, sediments, soils	A, B, D
2.80[1]	Determination of aniline and its derivatives by gas chromatography with MS detection	CZ_SOP_D06_03_193 (US EPA Method 8270D)	Sediments, sludges, soils, rocks	A, B, D
2.81[1]	Determination of chlorinated phenols by liquid chromatography method with MS/MS detection	CZ_SOP_D06_03_194 (2002/657/EC – Commission Decision of 14 August 2002 implementing Council Directive 96/23/EC)	Water	A, B, D
2.82[1]	Determination of drug residues by liquid chromatography method with MS/MS detection and results recalculation to the volume of air	CZ_SOP_D06_03_195 (Jia Yu et al.: Biomed. Chromatogr. 2011; 25: 511–516)	Working environment	A, B, D
2.83[1]	Determination of epichlorohydrine by gas chromatography method with MS/MS detection	CZ_SOP_D06_03_196 (Application sheet by Agilent Technologies 5990-6433EN)	Water	A, D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
2.84[1]	Determination of perfluorinated, polyfluorinated and brominated compounds by liquid chromatography with MS/MS detection	CZ_SOP_D06_03_197.A (US EPA Method 537; ČSN P CEN/TS 15968; ISO 21675; ISO 25101; DIN 38407-53; DIN EN 17892)	Water, extracts	A, B, D
2.85[1]	Determination of perfluorinated, polyfluorinated and brominated compounds by liquid chromatography with MS/MS detection	CZ_SOP_D06_03_197.B (DIN 38414-14; ČSN EN IEC 62321-9)	Sediments, sludges, soils, rocks, building materials, insulating materials	A, B, D
2.86[1]	Determination of volatile organic compounds by gas chromatography method with TCD and FID detection and calculation of volatile organic compounds percentage from measured values	CZ_SOP_D06_03_198 (ČSN EN ISO 11890-2)	Organic solvents	A, B, D
2.87[3]	Determination of fat by gravimetry	CZ_SOP_D06_06_199 (US EPA Method 1613)	Food, feed, biological materials	D
2.88[1]	Determination of 3-chloro-1,2-propanediol by gas chromatography method with MS detection	CZ_SOP_D06_03_200 (LMBG 52.02(1); Commission directive 2001/22/EC (2001); Commission regulation 466/2001/EC)	Spices	A, D
2.89[1]	Determination of drug residues and narcotic and psychotropic substances by liquid chromatography method with MS/MS detection	CZ_SOP_D06_03_201.A (US EPA Method 1694; US EPA Method 539)	Water	A, B, D
2.90[1]	Determination of organic acids by gas chromatography method with FID detection	CZ_SOP_D06_03_202 (Determination of Volatile Fatty Acids in sewage sludge 1979 HMSO.ISBN 0-11-75462-4)	Digestates	A, B, D
2.91[1]	Determination of polycyclic aromatic hydrocarbons by gas chromatography with MS/MS detection, calculation of sums of polycyclic aromatic hydrocarbons from measured values and conversion of results to air volume	CZ_SOP_D06_03_203 (ISO 11338-2; ČSN EN 15549)	Emission, imission	A, B, D
2.92[1]	Determination of aniline and its derivatives by gas chromatography with MS detection	CZ_SOP_D06_03_193 (US EPA Method 8270D; US EPA Method 8000D)	Waters	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]
2.93[1]	Determination of volatile fluorocarbons (VFCs) and volatile hydrocarbons (VHCs) by gas chromatography with MS detection	CZ_SOP_D06_03_205 (ČSN CLC/TS 50625-3-4)	Insulating materials	A, B, D
2.94[1]	Determination of volatile fluorocarbons (VFCs) and volatile hydrocarbons (VHCs) by gas chromatography with MS detection	CZ_SOP_D06_03_205 (ČSN CLC/TS 50625-3-4)	Oils	A, B, D
2.95[1]	Determination of dithiocarbamates by gas chromatography with MS detection	CZ_SOP_D06_03_206 (US EPA Method 630.1)	Waters	A, B, D
2.96[1]	Determination of aromatic nitro compounds, nitroamines, nitro compound esters, selected explosives, and related substances using high-performance liquid chromatography (HPLC) with PDA detection	CZ_SOP_D06_03_207 (US EPA 2006 Method 8330B; DIN ISO 11916-1)	Soils	A, B, D
2.97[1]	Determination of aromatic nitro compounds, nitroamines, nitro esters, selected explosives and related substances using liquid chromatography (HPLC) with PDA detection	CZ_SOP_D06_03_207 (US EPA 2006 Method 8330B; ČSN EN ISO 22478)	Waters	A, B, D
2.98[3]	Determination of polychlorinated naphthalenes by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of PCN sums from the measured values	CZ_SOP_D06_06_208 (ISO/TS 16780)	Waters	A, B, D
2.99[3]	Determination of polychlorinated naphthalenes by isotope dilution method using HRGC-HRMS or HRGC-MS/MS and calculation of PCN sums from the measured values	CZ_SOP_D06_06_208 (ISO/TS 16780)	Solid samples	A, B, D
2.100[1]	Determination of perfluorinated, polyfluorinated compounds by gas chromatography with MS/MS detection	CZ_SOP_D06_03_209 (Portolés, T. et al.; Gas chromatography–tandem mass spectrometry with atmospheric pressure chemical ionization for fluorotelomer alcohols and perfluorinated sulfonamides determination. Journal of Chromatography A, 1413, 107–116)	Waters	A, B, D
3	**Organic Food Chemistry**			

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
3.1[1]	Determination of fatty acids by gas chromatography method with FID detection and calculation sum of SAFA, MUFA, PUFA, TFA, Omega 3, Omega 6	CZ_SOP_D06_09_202 (ČSN EN ISO 12966-1; ČSN EN ISO 12966-2)	Food, feed, dietary supplements	A, B, D
3.2[1]	Determination of cholesterol by gas chromatography method with FID detection	CZ_SOP_D06_09_205 (Prof. Ing. J. Davídek, DrSc et al, Laboratory Manual of Food Analysis; Journal of Chromatography A., 24 (1994); 672 (1-2): 267-272)	Fatty food, non-fatty food, dietary supplements	A, D
3.3[1]	Determination of retinol and alpha tocopherol by liquid chromatography method with FLD detection	CZ_SOP_D06_09_206 (ČSN EN 12823-1; ČSN EN 12822)	Fats, fatty food, non-fatty food, dietary supplements, feed, and premixes	A, D
3.4[1]	Determination of vitamin C (ascorbic acid) by liquid chromatography method with PDA detection	CZ_SOP_D06_09_207 (ČSN EN 14130:2004)	Beverages, candy, non-fatty food, dietary supplements, fruit, vegetables	A, D
3.5[1]	Determination of Soya protein by ELISA by commercial set	CZ_SOP_D06_09_208 (R-Biopharm Manual – Ridascreen FAST Soya)	Food, swab	A, D
3.6[1]	Determination of substitute sweeteners by liquid chromatography method with PDA detection	CZ_SOP_D06_09_209 (ČSN EN 12856)	Beverages, fatty food, non-fatty food, dietary supplements	A, B, D
3.7[1]	Determination of caffeine, theobromine, and theophylline by liquid chromatography method with PDA detection and calculation of fat-free cocoa solids from measured values	CZ_SOP_D06_09_210 (ČSN EN 12856; ČSN 56 0578)	Beverages, tea, coffee, cocoa, chocolate	A, D
3.8[1]	Determination of preserving agents in food by liquid chromatography method with PDA detection	CZ_SOP_D06_09_211 (ČSN EN 12856)	Beverages, fatty food, non-fatty food, dietary supplements	A, B, D
3.9[1]	Determination of aflatoxin B_1, B_2, G_1 and G_2 by liquid chromatography method with FLD detection	CZ_SOP_D06_09_212 (ČSN EN 14123; ČSN EN ISO 16050; ČSN EN ISO 17375)	Food with low water content, beverages, feed	A, D
3.10-3.11	Reserved			
3.12[1]	Determination of aflatoxin M1 by liquid chromatography method with FLD detection	CZ_SOP_D06_09_215 (ČSN EN ISO 14501)	Milk, dried milk, and products from them	A, D
3.13-3.14	Reserved			

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3.15[1]	Determination of vitamins B_1, B_2 a B_6 by liquid chromatography method with FLD detection	CZ_SOP_D06_09_218 (ČSN EN 14122; ČSN EN 14152; ČSN EN 14663; ČSN EN 14164)	Fats, fatty food, non-fatty food, feed, dietary supplements	A, B, D
3.16[1]	Determination of folic acid by ELISA method by commercial set	CZ_SOP_D06_09_219 (R-Biopharm– Ridascreen Folic Acid Manual)	Food, feed, dietary supplements	A, D
3.17[1]	Determination of biotin by ELISA method by commercial set	CZ_SOP_D06_09_220 (Demeditec Manual)	Milk, milk products, cereals and cereal products, non-alcoholic beverages, baby food, feed, dietary supplements	A, D
3.18[1]	Determination of gliadin (gluten) by sandwich enzyme immunoassay ELISA Method by commercial set	CZ_SOP_D06_09_221.A (R-Biopharm– Ridascreen Gliadin Manual)	Fatty food, non-fatty food, dietary supplements, swabs	A, D
3.19[1]	Determination of gliadine (gluten) by competitive immunoassay ELISA Method by commercial set	CZ_SOP_D06_09_221.B (R-Biopharm– Ridascreen Gliadin Manual)	Fermented and hydrolyzed foods and beverages	A, D
3.20[1]	Determination of casein allergen by ELISA method by commercial set	CZ_SOP_D06_09_222 (Bio-Check - Casein Check Manual)	Food, dietary supplements, swabs	A, D
3.21[1]	Determination of β-lactoglobulin allergen by ELISA method with a commercial kit	CZ_SOP_D06_09_223 (Bio-Check– β-lactoglobulin Check Manual)	Food, dietary supplements, swabs	A, D
3.22[1]	Determination of mustard allergen by ELISA method by commercial set	CZ_SOP_D06_09_224 (Bio-Check– Mustard Check Manual)	Food, dietary supplements, swabs	A, D
3.23[1]	Determination of niacin by liquid chromatography method with PDA detection	CZ_SOP_D06_09_225 (ČSN EN 15652)	Fatty food, non-fatty food, feed, dietary suplements	D
3.24[1]	Determination of soya protein by ELISA method by commercial set	CZ_SOP_D06_09_226 (Biokits Neogen– Soya assay Biokits Manual)	Meat products	A, D
3.25[1]	Determination of parabens contain by liquid chromatography method with PDA detection	CZ_SOP_D06_09_227 (HPLC for Food Analysis, Agilent Technologies 1996-2001)	Cosmetics	A, B, D
3.26[1]	Determination of allergen peanut protein by ELISA method by commercial set	CZ_SOP_D06_09_228 (Bio-Check– Peanut Check Manual)	Fatty food, non-fatty food, feed, dietary suplements	A, D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
3.27[1]	Determination of fat-soluble vitamins (D2 and D3) by two-dimensional liquid chromatography method with PDA detection	CZ_SOP_D06_09_229 (ČSN EN 12821; AN-1069 Thermo – Application list)	Fats, fatty food, non-fatty food, dietary supplements, feed, premixes	A, B, D
3.28[1]	Determination of Vitamin B12 by ELISA method by commercial set	CZ_SOP_D06_09_230 (R-Biopharm– Ridascreen Fast Vitamin B12 Manual)	Food, feed, dietary supplements	A, D
3.29[1]	Determination of fat-soluble vitamins (vitamins A, E) by liquid chromatography method with FLD detection	CZ_SOP_D06_09_231 (ČSN EN 12823-1; ČSN EN 12822)	Cosmetics masks	A, B, D
3.30[1]	Determination of water-soluble vitamins (vitamin C) by liquid chromatography method with PDA detection	CZ_SOP_D06_09_232 (ČSN EN 14130:2004)	Cosmetics masks	A, B, D
3.31[1]	Determination of almond allergen by ELISA method by commercial set	CZ_SOP_D06_09_233 (Bio-Check– Almonde Check Manual)	Food, dietary supplements, swabs	A, D
3.32[1]	Determination of hazelnut allergen by ELISA method by commercial set	CZ_SOP_D06_09_234 (Bio-Check– Hazelnut Check Manual)	Food, dietary supplements, swabs	A, D
3.33[1]	Determination of egg allergen (egg white proteins) by ELISA method by commercial set	CZ_SOP_D06_09_235 (Bio-Check– Egg Check Manual)	Food, dietary supplements, swabs	A, D
3.34[1]	Determination of milk allergen (casein and β-lactoglobulin proteins by ELISA method by commercial set	CZ_SOP_D06_09_236 (Bio-Check– Milk Check Manual)	Food, dietary supplements, swabs	A, D
3.35[1]	Determination of sesame allergen by ELISA method by commercial set	CZ_SOP_D06_09_237 (Bio-Check– Sezame Check Manual)	Food, dietary supplements, swabs	A, D
3.36[1]	Determination of pantothenic acid by liquid chromatography with PDA detection	CZ_SOP_D06_09_238	Food, drinks, dietary supplements	A, D
4	**Water Microbiology**			
4.1[1]	Enumeration of mesophilic bacteria by cultivation	ČSN 75 7841	Surface, ground, waste, pool water	D
4.2[1]	Enumeration of psychrophilic bacteria by cultivation	ČSN 75 7842	Surface, ground, waste, pool water	D
4.3[1]	Enumeration of intestinal enterococci by membrane filtration	ČSN EN ISO 7899-2; STN EN ISO 7899-2	Drinking, bottled, pool, raw, treated, ground, surface, wastewater	D
4.4[1]	Enumeration of culturable microorganisms a) at 22 °C b) at 36 °C by cultivation	ČSN EN ISO 6222; STN EN ISO 6222	Drinking, bottled, natural mineral, pool, raw, treated, ground water	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
4.5[1]	Enumeration of thermotolerant coliform bacteria and *Escherichia coli* by membrane filtration	ČSN 75 7835	Drinking, surface, ground, pool, wastewater	D
4.6[1]	Enumeration of *Escherichia coli* and coliform bacteria by membrane filtration	ČSN EN ISO 9308-1; STN EN ISO 9308-1	Drinking, pool, bottled, raw, treated, ground water	D
4.7[1]	Enumeration of *Pseudomonas aeruginosa* by membrane filtration	ČSN EN ISO 16266; STN EN ISO 16266	Drinking, bottled, natural mineral, pool, surface, wastewater	D
4.8[1]	Enumeration of coagulase-positive staphylococci (*Staphylococcus Aureus* and other species) by membrane filtration	ČSN EN ISO 6888-1; ČSN EN ISO 8199	Pool, surface, waste, drinking, ground water	D
4.9[1]	Enumeration of *Candida* yeasts by membrane filtration	CZ_SOP_D06_09_258 (Hausler, J.: Microbiological Culture Methods of water Quality Inspection, Volume III, 1995)	Pool, surface, wastewater	D
4.10[1]	Enumeration of *Clostridium perfringens* by membrane filtration	CZ_SOP_D06_09_259 (GR 252/2004 Coll., Annex 6; GR 354/2006 Coll., Annex 3)	Drinking, bottled, pool, natural mineral, raw, treated, ground water	D
4.11[1]	Detection of *Salmonella* by membrane filtration	ČSN ISO 19250	Drinking, surface, ground, pool, wastewater	D
4.12[1]	Determination of bioseston by microscopy	ČSN 75 7712; STN 757711	Drinking, bottled, raw, treated, ground water	D
4.13[1]	Determination of abioseston by microscopy	ČSN 75 7713; STN 757712	Drinking, bottled, raw, treated, ground water	D
4.14[1]	Detection and enumeration of *Legionella* by cultivation and membrane filtration	ČSN EN ISO 11731	Water, treated water	D
4.15[1]	Detection and enumeration of *Legionella* by cultivation	ČSN EN ISO 11731	Sediments, alluvium, growths	D
4.16[1]	Detection and enumeration of *Legionella* by cultivation	ČSN EN ISO 11731	Swabs	D
4.17[1]	Enumeration of Coliform bacteria by membrane filtration	ČSN 75 7837	Non-disinfected water	D
4.18[1]	Enumeration of spore sulphite reducing anaerobes (Clostridium) by membrane filtration	ČSN EN 26461-2	Water	D
4.19[1]	Microbiological testing of water for haemodialysis. Enumeration of viable microorganisms	CZ_SOP_D06_09_266 (ČSN EN ISO 23500-3)	Dialysis water	D
4.20[1]	Microbiological testing of dialysis fluid for haemodialysis. Enumeration of viable microorganisms	CZ_SOP_D06_09_267 (ČSN EN ISO 23500-5)	Dialysis fluid	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
4.21[1]	Determination of the concentration of bacterial endotoxins by the LAL test: the turbidimetric kinetic method	CZ_SOP_D06_09_268 (Ph. Eur. chapter 2.6.14)	Dialysis water, dialysis fluid, water purified, water highly purified, water for injection	D
4.22[1]	Determination of the total number of micro-organisms	CZ_SOP_D06_09_269 (Ph. Eur chapter 6.3:0008, 6.3:1927, 6.3:0169)	Water purified, water highly purified, water for injection	D
4.23[1]	Test for specific micro-organisms – Detection of *Pseudomonas Aeruginosa* bacteria	CZ_SOP_D06_09_270 (Ph. Eur chapter 6.3:0008, 6.3:1927, 6.3:0169)	Water purified, water highly purified, water for injection	D
4.24[1]	Determination of Clostridium perfringens – membrane filter method	ČSN EN ISO 14189	Drinking, bottled, pool, natural mineral, raw, treated, underground water	D
4.25[1]	Quantitative determination of somatic coliphages	ČSN EN ISO 10705-2 ČSN EN ISO 10705-3	Drinking, raw, bottled, surface, underground, interoperational, waste water	D
5	**Microbiology**			
5.1[1]	Enumeration of microorganisms by cultivation	ČSN EN ISO 4833-1	Food, feed, dietary supplements, swabs	D
5.2[1]	Enumeration of coliform bacteria by cultivation	ČSN ISO 4832	Food, feed, dietary supplements, swabs	D
5.3[1]	Enumeration of enterococci by cultivation	CZ_SOP_D06_09_302 (ČSN 56 0100:1968)	Food, feed, dietary supplements	D
5.4[1]	Enumeration of *Bacillus cereus* by cultivation	ČSN EN ISO 7932	Food, feed, dietary supplements, swabs	D
5.5[1]	Enumeration of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) by cultivation	ČSN EN ISO 6888-1	Food, feed, dietary supplements, swabs	D
5.6[1]	Enumeration of *Clostridium perfringens* by cultivation	ČSN EN ISO 7937	Food, feed, dietary supplements, swabs	D
5.7[1]	Detection of *Salmonella* by cultivation	ČSN EN ISO 6579-1	Food, feed, dietary supplements, swabs	D
5.8[1]	Detection of *Salmonella* by cultivation	CZ_SOP_D06_09_307, except chapter 9.1.2 (ČSN EN ISO 6579; AHEM no. 1/2008)	Sludge, bio waste, compost, substrates, soils	D
5.9[1]	Detection of *Salmonella* by cultivation	CZ_SOP_D06_09_307, except chapter 9.1.1 (ČSN EN ISO 6579; AHEM no. 1/2008)	Biological materials	D
5.10	Reserved			
5.11[1]	Detection of *Salmonella* by the ELISA method - commercial kit	CZ-SOP-D06_09_309 (Solus *Salmonella* ELISA; Solus ONE *Salmonella* ELISA)	Food, feed, dietary supplements, swabs	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
5.12[1]	Enumeration of yeasts and moulds by cultivation	ČSN ISO 21527–1; ČSN ISO 21527–2	Food, feed, dietary supplements, swabs	D
5.13[1]	Detection of *Enterobacteriaceae* by cultivation	ČSN ISO 21528-1	Food, feed, dietary supplements, swabs	D
5.14[1]	Enumeration of spore-forming microorganisms by cultivation	CZ_SOP_D06_09_312 (ČSN 56 0100:1968)	Food, feed	D
5.15[1]	Detection of *Vibrio parahaemolyticus* and *Vibrio species* by cultivation	ČSN EN ISO 21872-1	Food, feed, swabs	D
5.16[1]	Enumeration of mesophilic lactic acid bacteria by cultivation	ČSN ISO 15214	Food, feed, dietary supplements	D
5.17[1]	Detection of *Shigella* by cultivation	ČSN EN ISO 21567	Food, feed, swabs	D
5.18[1]	Detection of *Campylobacter spp.* by cultivation	ČSN EN ISO 10272-1	Food, feed, swabs	D
5.19[1]	Detection of presumptive pathogenic *Yersinia enterocolitica* by cultivation	ČSN EN ISO 10273	Food, feed, swabs	D
5.20[1]	Enumeration of *Enterobacteriaceae* by cultivation	ČSN ISO 21528-2	Food, feed, dietary supplements, swabs	D
5.21[1]	Enumeration of beta-glucuronidase-positive *Escherichia coli* by cultivation	ČSN ISO 16649-2	Food, feed, dietary supplements, swabs	D
5.22[1]	Detection and enumeration of *Listeria* spp. and *Listeria monocytogenes* by cultivation	ČSN EN ISO 11290-1; ČSN EN ISO 11290-2	Food, feed, dietary supplements, swabs	D
5.23[1]	Enumeration of potentially toxinogenic moulds on special media by cultivation	CZ_SOP_D06_09_321 (AHEM no. 1/2003)	Food, feed	D
5.24[1]	Enumeration of microorganisms in air by aeroscopy and sedimentation method	CZ_SOP_D06_09_322 (ČSN 56 0100:1968)	Internal air environment	D
5.25[1]	Determination of microbial contamination of areas, surface of equipment and packages using swab method	CZ_SOP_D06_09_323 (ČSN 56 0100:1968)	Areas, surface, packaging materials, surface of food	D
5.26[1]	Enumeration of thermotolerant coliform bacteria and *Escherichia coli* by cultivation	CZ_SOP_D06_09_324 (AHEM no. 1/2008; ČSN ISO 16649-2)	Sludge, bio waste, compost, substrates, soils, sand	D
5.27[1]	Enumeration of enterococci by cultivation	CZ_SOP_D06_09_325 (AHEM no. 1/2008; ČSN EN ISO 7899-2)	Sludge, bio waste, compost, substrates, soils, sand	D
5.28[1]	Detection of *Listeria* by ELISA method - commercial set Solus *Listeria*	CZ_SOP_D06_09_326 (Solus Manual)	Food, feed, dietary supplements, swabs	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
5.29[1]	Determination of the number of coagulase-positive staphylococci (*Staphylococcus aureus* and other species) – method of detection	ČSN EN ISO 6888-3	Food, feed, dietary supplements	D
5.30[1]	Determination of low numbers of *Bacillus cereus* – method of detection	ČSN EN ISO 21871	Food, feed, dietary supplements	D
5.31[1]	Detection of *Cronobacter (Enterobacter) sakazakii* by cultivation	ČSN EN ISO 22964	Milk and milk products, swabs	D
5.32[1]	Detection and enumeration of aerobic mesophilic bacteria by cultivation	ČSN EN ISO 21149	Cosmetics	D
5.33[1]	Detection of *Pseudomonas aeruginosa* by cultivation	ČSN EN ISO 22717; ČSN EN ISO 18415	Cosmetics	D
5.34[1]	Detection of *Staphylococcus aureus* by cultivation	ČSN EN ISO 22718; ČSN EN ISO 18415	Cosmetics	D
5.35[1]	Detection of *Candida albicans* by cultivation	ČSN EN ISO 18416; ČSN EN ISO 18415	Cosmetics	D
5.36[1]	Detection of *Escherichia coli* by cultivation	ČSN EN ISO 21150; ČSN EN ISO 18415	Cosmetics	D
5.37[1]	Enumeration of yeast and mould by cultivation	ČSN EN ISO 16212	Cosmetics	D
5.38[1]	Evaluation of antimicrobial protection of cosmetic product, test of conservation effectiveness	CZ_SOP_D06_09_336 (ČSN EN ISO 11930; Ph. Eur., chapter 5.1.3)	Cosmetics	D
5.39[1]	Horizontal method for the detection and enumeration of presumptive *Escherichia coli* - technique of most probable number	ČSN ISO 7251, except chap. 9.2	Food, feed	D
5.40[1]	Microbiological testing of non-sterile products – determination of the number of microorganisms	CZ_SOP_D06_09_338 (Harmonized method Ph.Eur. 2.6.12 & USP <61>)	Pharmaceutical products, intermediates, raw materials. veterinary medicines, biopreparations, dietary supplements, swabs	D
5.41[1]	Microbiological testing of non-sterile products – tests for specific micro-organisms	CZ_SOP_D06_09_339 (Harmonized method Ph.Eur. 2.6.13 & USP <60>, USP <62>)	Pharmaceutical products, intermediates, raw materials. veterinary medicines, biopreparations, dietary supplements, swabs	D
5.42[1]	Determination of the number of presumptive Pseudomonas spp.	ČSN EN ISO 13720	Meat and meat products	D
5.43[1]	Method for determining the number of bacteria of the genus Pseudomonas	ČSN P ISO/TS 11059	Milk and milk products	D

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6	**Ecotoxicology**			
6.1[2]	Determination of the acute lethal toxicity of substance to a freshwater fish	CZ_SOP_D06_07_350 (ČSN EN ISO 7346-1; ČSN EN ISO 7346-2; STN 83 8303)	Surface, ground and wastewater, extracts of waste, solutions and extracts of chemical substances and agents	A, D
6.2[2]	Determination of the inhibition of the mobility of *Daphnia magna Straus* - Acute toxicity test	CZ_SOP_D06_07_351 (ČSN EN ISO 6341; STN 83 8303)	Surface, ground and wastewater, extracts of waste, solutions and extracts of chemical substances and agents	A, D
6.3[2]	Freshwater algal growth inhibition test	CZ_SOP_D06_07_352 (ČSN EN ISO 8692; STN 83 8303)	Surface, ground and wastewater, extracts of waste, solutions and extracts of chemical substances and agents	A, D
6.4[2]	Toxicity test on seeds of white mustard (*Sinapis alba*)	CZ_SOP_D06_07_353 (Ministry of Environment Bulletin, Volume *XVII*, Part 4/2007, p. 13-14; Waste Department Guidance for the determination of waste ecotoxicity, Annex 1 "Test on the seeds of white mustard (*Sinapis alba*)", STN 83 8303)	Surface, ground and wastewater, extracts of waste, solutions and extracts of chemical substances and agents	A, D
6.5[2]	Determination of the inhibitory effect of water samples on the light emission of *Vibrio fischeri*	CZ_SOP_D06_07_354 (ČSN EN ISO 11348-2; ČSN EN ISO 11348-3)	Surface, ground and wastewater, extracts, percolation water, saline, and brackish water	A, D
6.6-6.7	Reserved			
6.8[2]	*Lactuca sativa* – determination of inhibition of root growth	CZ_SOP_D06_07_357 (ČSN EN ISO 11269-1)	Waste, soils, sediments	A, D
6.9	Reserved			
6.10[2]	Determination of the inhibition of the growth, germination, and germination index (phytotoxicity) of Garden Cress (*Lepidium sativum*) – Acute toxicity test	CZ_SOP_D06_07_359 (F. Zucconi et al.: Biological evaluation of compost maturity. BioCycle, 22(2), 1981, pages 27–29)	Surface, ground and wastewater, extracts of waste and composts, solutions and extracts of chemical substances and agents	A, D
6.11[2]	Determination of the inhibition of the growth of Lesser Duckweed (*Lemna minor*) – Acute toxicity test	CZ_SOP_D06_07_1350 (ČSN EN ISO 20079)	Surface, ground and wastewater, extracts of waste and composts, solutions and extracts of chemical substances and agents	A, D
6.12[2]	Determination of the number of germinating weed seeds in composts	CZ_SOP_D06_07-1351 (Report on the results of the vegetation container test in 2020, UKZUZ 025113/2021)	Composts, waste	D
7	**Radiology**			

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
7.1[2]	Determination of gross alpha activity by measuring of evaporated residue in a mixture with ZnS (Ag) scintillator	ČSN 75 7611, chap. 4	Water, extracts	D
7.2[2]	Determination of gross alpha activity by measuring of incinerated evaporated residue by means of proportional detector	ČSN 75 7611, chap. 5	Water, extracts	D
7.3[2]	Determination of gross beta activity by measuring of evaporated residue by means of proportional detector and calculation of gross beta activity corrected for potassium 40 from measured values	CZ_SOP_D06_07_361 (ČSN 75 7612; ČSN EN ISO 9697; SÚJB Recommendation „Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water”, DR-RO-5.1 (Rev. 0.0), Prague 2017)	Water, extracts	A, D
7.4[2]	Determination of radium 226 after concentration by scintillation emanometry	ČSN 75 7622	Water, extracts	D
7.5[2]	Determination of radon 222 by scintillation emanometry after its transportation into scintillation chamber using under-pressure	CZ_SOP_D06_07_363.A (ČSN 75 7624, chap. 5)	Water, extracts	D
7.6[2]	Determination of radon 222 by scintillation gamma-spectrometry with a well type NaI (Tl) crystal	CZ_SOP_D06_07_363.B (ČSN 75 7624, chap. 6)	Water, extracts	D
7.7[2]	Determination of radon 222 by liquid scintillation counting method (LSC)	CZ_SOP_D06_7_363.C (ČSN 75 7625)	Water	D
7.8[2]	Determination of uranium by spectrophotometry after separation on silica gel and calculation of ^{238}U from measured values	CZ_SOP_D06_07_364 (ČSN 75 7614)	Water, extracts	D
7.9[2]	Determination of tritium volume activity by liquid scintillation counting method (LSC)	CZ_SOP_D06_07_365 (ČSN EN ISO 9698)	Water, extracts	D
7.10[2]	Determination of polonium 210 after its concentration by sorption on ZnS (Ag) by the measurement of emitted scintillations	ČSN 75 7626	Water, extracts	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
7.11[2]	Determination of polonium 210 after total decomposition and after its concentration by sorption on ZnS (Ag) by the measurement of emitted scintillations	CZ_SOP_D06_07_366 (ČSN 75 7626)	Soils, sludge, sediments, filters	D
7.12[2]	Non-destructive determination of radionuclides by high resolution gamma-spectrometry and calculation of the mass activity index I (ACI) from the measured volumetric activities of individual radionuclides	CZ_SOP_D06_07_367 (ČSN EN ISO 10703; ČSN EN ISO 18589-3; SÚJB Recommendation "Measurement and evaluation of natural radionuclides in building materials", DR-RO-5.2 (Rev. 0.0), Prague 2017)	Solid samples with granularity up to 4 mm, food, water, liquid samples	A, B, D
7.13[2]	Determination of gross alpha mass activity by direct measurement of the sample by means of alpha radiation analyser	CZ_SOP_D06_07_368 (ČSN 75 7611; ČSN EN ISO 18589-6; ISO 9696)	Solid samples pulverized for grain size below 100 µm, liquid samples with boiling point above 100 ºC	D
7.14[2]	Determination of gross beta mass activity by direct measurement of the sample by means of beta radiation analyser	CZ_SOP_D06_07_369 (ČSN 75 7612; ČSN EN ISO 9697; ČSN EN ISO 18589-6)	Solid samples pulverized for grain size below 100 µm, liquid samples with boiling point above 100 ºC	D
7.15[2]	Determination of lead 210 after its sorption on ZnS-colloid by beta radiation analyzer	CZ_SOP_D06_07_370 (ČSN 75 7627)	Water, extracts (with low content of suspended solids or filtrated through 0.45 µm filter)	D
7.16[2]	Determination of gross alpha activity by co-precipitation method by measurement of filtrated precipitate by means of proportional detector	CZ_SOP_D06_07_371 (ČSN 75 7610)	Water, extracts	D
7.17[2]	Calculation of Indicative Dose (ID) from the measured values of volume activities of individual radionuclides	CZ_SOP_D06_07_372 (SÚJB Recommendation "Measurement and assessment of the content of natural radionuclides in drinking water from public sources and bottled water", DR-RO-5.1 (Rev. 0.0), Prague 2017; Council directive 2013/51/EURATOM of 22. 10. 2013)	Water	A, D
7.18[2]	Determination of strontium 90 by proportional detector after separation	CZ_SOP_D06_07_373 (ASTM D5811)	Water	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
7.19[2]	Determination of strontium 90 by proportional detector after separation	CZ_SOP_D06_07_373 (ASTM D5811; ASTM C1507)	Soils, sludge, sediments	D
7.20[2]	Determination of strontium 90 by proportional detector after separation	CZ_SOP_D06_07_373 (ASTM D5811; ASTM C1507)	Biological materials, food, feed	D
7.21[2]	Determination of carbon 14 by liquid scintillation method after separation	CZ_SOP_D06_07_374 (ČSN EN ISO 13162; ČSN EN 16640; ČSN EN ISO 21644; EPA 520/5-84-006)	Water, soils, sludge, sediments, bioindicators, food	A, D
7.22[2]	Determination of total volume alpha and beta activities by liquid scintillation counting method (LSC)	CZ_SOP_D06_07_375 (ČSN EN ISO 11704; ASTM D7283)	Non salted water	D
7.23[2]	Determination of radium 226 and 228 by liquid scintillation measurement method (LSC)	CZ_SOP_D06_07_376 (ČSN EN ISO 22908)	Water	D
8	**Oils and Lubricants**			
8.1[11]	Determination of kinematic viscosity by viscometer and viscosity index by calculation	CZ_SOP_D06_05_400 (ČSN EN ISO 3104; ČSN ISO 2909; ASTM D7279; ASTM D7042)	Liquid fuels, lubricating oils	D
8.2[11]	Determination of flash point - Pensky-Martens closed cup method by flash point analyser	CZ_SOP_D06_05_401 (ČSN EN ISO 2719; ASTM D93)	Diesel, light fuel oils	D
8.3[11]	Determination of liquid cleanliness code by particle counter	CZ_SOP_D06_05_402 (User Manual for Lase Net Fines-C use and maintenance; ČSN ISO 4406)	Liquid fuels, lubricating oils	D
8.4[11]	Determination of base number by potentiometric titration	CZ_SOP_D06_05_403 (ČSN ISO 3771)	Lubricating oils, additives to lubricants	D
8.5[11]	Determination of neutralization number by potentiometric titration	CZ_SOP_D06_05_404 (ČSN ISO 6619)	Lubricating oils, additives to lubricants	D
8.6[11]	Determination of water content by Coulometric method	CZ_SOP_D06_05_405 (ASTM D6304)	Liquid fuels, lubricating oils	D
8.7[11]	Determination of flash point and burning point in an opened cup according to Cleveland by flash point analyser	CZ_SOP_D06_05_406 (ASTM D92)	Liquid fuels, lubricating oils	D
8.8[11]	Determination of Cold Filter Plugging Point (CFPP) by the method of gradual cooling	CZ_SOP_D06_05_407 (ČSN EN 116; ASTM D6371)	Diesel, light fuel oils	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
9	**Food General Chemistry**			
9.1[1]	Determination of organic acids content by capillary isotachophoresis method	CZ_SOP_D06_09_450 (Recman – Laboratory technique – Application sheets No. 35, 39, 70)	Food, feed	A, B, D
9.2[1]	Gravimetric determination of fat	CZ_SOP_D06_09_451 (ČSN ISO 1443; ČSN ISO 1444; ČSN 46 7092-7)	Food, feed	D
9.3[1]	Gravimetric determination of dry matter and calculation of moisture from measured value	CZ_SOP_D06_09_452 (Journal of AOAC International vol 88, No1,2005; Journal of AOAC International vol 86, No6, 2003)	Food, feed, dietary supplements	D
9.4	Reserved			
9.5[1]	Determination of phosphates by capillary isotachophoresis	CZ_SOP_D06_09_454 (ITP: Application sheet No.35 VILLA LABECO s.r.o.)	Food, feed	D
9.6	Reserved			
9.7[1]	Determination of acid value and acidity by titration	CZ_SOP_D06_09_456 (ČSN EN ISO 660)	Animal and vegetable fats and oils	D
9.8[1]	Determination of polyols by ion chromatographic method with EC detection	CZ_SOP_D06_09_457 (ČSN EN 15086; DIONEX Technical Note 20)	Food, feed, dietary supplements	A, B, D
9.9[1]	Gravimetric determination of ash	CZ_SOP_D06_09_458 (ČSN 56 0116-4; ČSN ISO 936; ČSN EN ISO 2171)	Food, feed	D
9.10[1]	Determination of crude fibre by oxidation hydrolysis method	CZ_SOP_D06_09_459 (ČSN ISO 5498; ČSN EN ISO 6865)	Feed	D
9.11[1]	Determination of pH by potentiometry	CZ_SOP_D06_09_460 (ČSN ISO 2917; ČSN ISO 1842)	Food, feed	D
9.12[1]	Determination of sand in biological material by gravimetry	CZ_SOP_D06_09_461 (ČSN 56 0246-12)	Food, feed	D
9.13[1]	Determination of relative density of liquids by pycnometer	CZ_SOP_D06_09_462 (ČSN EN 1131)	Low viscosity liquids	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
9.14[1]	Titrimetric determination of acidity	CZ_SOP_D06_09_463 (ČSN ISO 750; ČSN 56 0116; ČSN 57 0530; ČSN EN 12147; ČSN 56 0246-13)	Fruit juices, fruit and vegetable products, mayonnaise, water-soluble food, dairy products, bakery products	D
9.15	Reserved			
9.16[1]	Determination of dietary fibre enzymatically by commercial set Megazyme	CZ_SOP_D06_09_465 (AOAC Method 985.29)	Food, dietary supplements	D
9.17[1]	Determination of starch content by polarimetry	CZ_SOP_D06_09_466 (ČSN 46 7092-21)	Cereals, baking products, cereal feeds	D
9.18[1]	Determination of chloride by coulometric titration	CZ_SOP_D06_09_467 (O.K. SERVIS company Chloride Analyser manual)	Food, feed, dietary supplements	D
9.19[1]	Determination of reducing sugars and total sugars after iodometric inversion and calculation of non-reducing sugars from measured values	CZ_SOP_D06_09_468 (ČSN 56 0146)	Food, feed, dietary supplements	D
9.20-9.25	Reserved			
9.26[1]	Determination of total nitrogen by Dumas method by analyser and protein calculation from measured values	CZ_SOP_D06_09_475 (ČSN EN ISO 14891; ČSN EN ISO 16634-1; ČSN EN ISO 16634-2)	Food, feed, dietary supplements	D
9.27[1]	Volumetric determination of volatile oils (essential oils) by distillation with steam	ČSN EN ISO 6571	Spices, spicing agents, herbs	D
9.28[1]	Determining the weight, volume and number of pieces of retail packaging of food and feed products by gravimetry	CZ_SOP_D06_09_477 (ČSN 560305; ČSN 570146-3; ČSN 580170-3)	Food, feed, dietary supplements	D
9.29[1]	Determination of the meat content in meat products and products containing meat by calculation from measured values	CZ_SOP_D06_09_478 (Commission Directive No. 001/101/EC; Commission Regulation No. 004/2002/EC; Commission Regulation No. 429/86/EEC; Decree 330/2009 Coll.)	Meat products	D
9.30[1]	Determination of carbohydrates and energy values by calculation from measured values	CZ_SOP_D06_09_479 (Regulation (EU) 1169/2011; Decree 330/2009 Coll.)	Food, raw materials for production of food, dietary supplements	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
9.31[1]	Determination of non-protein contents substances by calculation	ČSN 46 7092-24	Feed	D
9.32[1]	Determination of 4-hydroxyproline by spectrophotometry and calculation of collagen from measured values	CZ_SOP_D06_09_481 (ISO 3496)	Meat products	D
9.33[1]	Determination of fat content by NMR method	CZ_SOP_D06_09_482 (Journal of AOAC International vol 88, No.1, 2005; Journal of AOAC International vol 86, No. 6, 2003)	Selected food and raw materials for production of food, feed, dietary supplements	D
9.34[1]	Volumetric determination of peroxide value	CZ_SOP_D06_09_483 (ČSN EN ISO 3960)	Fat, vegetable oils	D
9.35[1]	Determination of water activity by capacitive sensors method	ČSN ISO 18787	Food, raw materials for production of food, dietary supplements	D
9.36[1]	Determination of pure protein by the Dumas method and pure muscle protein by calculation from measured values	CZ_SOP_D06_09_485 (Decree 69/2016 Sb.)	Meat, meat products	D
9.37	Reserved			
9.38[1]	Determination of piperine content by spectrophotometry	ČSN ISO 5564	Black pepper and white pepper, whole or ground	D
9.39	Reserved			
9.40[1]	Determination of total sulphur dioxide after distillation by titration	CZ_SOP_D06_09_489 (Prof. Ing. J. Davídek, DrSc et al, Laboratory Manual of Food Analysis)	Food and raw materials for food production, dietary supplements	D
9.41	Reserved			
9.42[10]	Sensory testing – description test	CZ_SOP_D06_09_490 (ČSN ISO 6658; ČSN EN ISO 8589; ČSN EN ISO 13299; ČSN ISO 13300-1; ČSN ISO 13300-2)	Food, cosmetics, packaging materials for food, article of common use	D
9.43[10]	Sensory testing – comparison to standard	CZ_SOP_D06_09_491 (ČSN ISO 6658; ČSN EN ISO 8589; ČSN EN ISO 13299; ČSN ISO 13300-1; ČSN ISO 13300-2)	Food, cosmetics, packaging materials for food, article of common use	D

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
9.44[10]	Assessment of characteristics of food	CZ_SOP_D06_09_492 (ČSN EN ISO 8589; ČSN EN ISO 13299; ČSN ISO 13300-1; ČSN ISO 13300-2)	Food	D
9.45	Reserved			
9.46[1]	Determination of sugars by ion chromatography method with EC detection	CZ_SOP_D06_09_494 (ČSN EN 12630)	Food, feed, dietary supplements	A, B, D
9.47	Reserved			
9.48[1]	Determination of soluble solids and refractive index by refractometry	CZ_SOP_D06_09_496 (ČSN 56 0240-3; ČSN ISO 2173)	Food	D
9.49[1]	Determination of nitrate and nitrite content by ion chromatography with UV detection	CZ_SOP_D06_09_497 (Dionex Application list 112, Thermo Scientific application list 73450)	Food, feed, by-products of sugar production	D
9.50[1]	Determination of total sulfur dioxide after distillation by ion chromatography with conductivity detection	CZ_SOP_D06_09_498 (Specification sheet of ion exchange columns AS11 and AS11-HC; Prof. Ing. J. Davídek, DrSc et al.: Laboratory Manual of Food Analysis)	Food, feet, dietary supplement, premixes	D
9.51[1]	Determination of water activity by dew point measurement method	ČSN ISO 18787	Food, raw materials for production of food, dietary supplements	D

[1] asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises; the numerical index at the test ordinal number identifies the location carrying out the test (the identification of the locations is given on the first page of this document)

[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.

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Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1.1, 1.2,1.3, 1.4, 1.5, 1.6	**Elements** - Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cr(VI), Cu, Fe, Hg, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Se, Si, Sn, Sr, Te, Ti, Tl, V, Zn, Zr
1.1, 1.2, 1.7	**Calculation forms of elements** – sum of Na + K, ionic form Cr and Fe (Cr3+, Fe3+), compounds Na_2O, P_2O_5, SiO_3, SiO_2, according to CZ_SOP_D06_02_J06
1.2	**Stoichiometric calculation -** ion form Cr^{3+}, compound PO_4^{3-}, according to CZ_SOP_D06_02_J06
1.3, 1.4, 1.9, 1.10	**Stoichiometric calculation –** compound NaCl according to CZ_SOP_D06_02_J06
1.7	**Elements -** Ag, Al, As, Au, B, Ba, Be, Bi, Br, Ca, Cd, Ce, Co, Cr, Cr(VI), Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hg, Ho, I, In, Ir, K, La, Li, Lu, Mg, Mn, Mo, Na, Nd, Ni, P, Pb, Pd, Pr, Pt, Rb, Rh, Ru, S, Sb, Sc, Se, Si, Sm, Sn, Sr, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr
1.8	**Elements -** Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cr(VI), Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Ho, In, Ir, K, La, Li, Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, P, Pb, Pd, Pr, Pt, Rb, Rh, Ru, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr
1.9	**Elements -** Ag, Al, As, Ba, Be, Bi, Br (water extractable), Ca, Cd, Co, Cr, Cs, Cu, Fe, I (water extractable, total), K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Pd, Pt, Rb, Rh, Sb, Se, Si, Sn, Sr, Te, Th, Ti, Tl, U, V, Zn, Zr
1.10	**Elements -** Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cs, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Pd, Pt, Rb, Rh, Sb, Se, Si, Sn, Sr, Te, Th, Ti, Tl, U, V, Zn, Zr
1.11	**Elements -** Ag, Al, As, Au, Ba, Be, Bi, Br (water extractable), Ca, Cd, Co, Cr, Cr(VI), Cu, Fe, I (water extractable), K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Pd, Pt, Rh, Sb, Se, Sn, Sr, Te, Ti, Tl, U, V, Zn, Zr
1.12	**Elements -** Ag, Al, As, Au, B, Ba, Be, Bi, Br (water extractable) Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hg, Ho, I (water extractable) In, Ir, K, La, Li, Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, Os, P, Pb, Pd, Pr, Pt, Rb, Rh, Ru, Sb, Sc, Se, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Zr
1.15, 1.16	**Elements** - Ag, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Na, Ni, Pb a Zn
1.17, 1.18	**Elements -** Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Se, Sb, Si, Sr, Sn, Te, Th, Ti, Tl, U, V, W, Zn a Zr
1.24	**Elements -** As, Cd, Co, Cr, Ni, Pb, Sb
1.95	**CO_2 forms -** carbonates, bicarbonates, free CO_2, total CO_2, aggressive CO_2
2.5	**Volatile organic compounds –** 1.1.1.2-Tetrachloroethane, 1.1.1-Trichloroethane, 1.1.2.2-Tetrachloroethane, 1.1.2-Trichloroethane, 1.1-Dichloroethane, 1.1- Dichloroethene, 1.1-Dichloropropylene, 1.2.3-Trichlorobenzene, 1.2.3-Trichloropropane, 1.2.3-Trimethylbenzene, 1.2.4.5-Tetramethylbenzene, 1.2.4- Trichlorobenzene, 1.2.4-Trimethylbenzene, 1.2-Dibromo-3-chloropropane, 1.2-Dibromoethane, 1.2-Dichlorobenzene, 1.2-Dichloroethane, 1.2- Dichloropropane, 1.3.5-Trichlorobenzene, 1.3.5-Trimethylbenzene, 1.3-Dichlorobenzene, 1.3-Dichloropropane, 1.4-Dichlorobenzene, 1.4-Dioxane, 1- Chloronaphthalene, 2.2-Dichloropropane, 2-Butanol, 2-Butanone, 2-Butoxyethyl Acetate, 2-Ethylhexanol, 2-Ethyltoluene, 2-Chlorotoluene, 2-Methylhexane, 2-Methyl-1-Butanol, 2-Propanol, 3-Ethyltoluene, 3-Carene, 4-Ethyltoluene, 4-Phenylcyclohexene, 4-Chlorotoluene, 4-Isopropyltoluene, Acetone, alpha- Pinene, alpha-Terpinene, Benzene, beta-Pinene, Bromobenzene, Bromodichloromethane, Bromochloromethane, Bromomethane, Bromoform, cis-1.2- Dichlorethene, cis-1.3-Dichlorpropene, Cyclohexane, Cyclohexanone, Diacetone Alcohol, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Dichloromethane, Ethanol, Ethyl Acetate, Ethyl tert-Butyl Ether (ETBE), Ethylbenzene, Hexachlorobutadiene, Hexanal, Chlorobenzene, Chloroethane, Chloromethane, Chloroform, Isobutyl Acetate, Isobutanol, Isooctane, Isopropylbenzene, Limonene, Methanol, Methyl tert- Butyl Ether, Methylcyclohexane, Methylcyclopentane, Methyl iso-butyl Ketone, Methylmercaptan, Dimethylmercaptan, m-Xylene, Naphthalene, n-Butanol, n-Butyl Acetate, n-Butylbenzene, n-Decane, n-Dodecane, n-Heptane, n-Hexadecane, n-Hexane, n-Nonane, n-Octane, n-Pentane, n-Propanol, n-Propylbenzene, n-Tetradecane, n-Tridecane, n-Undecane, o-Xylene,

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	p-Xylene, Petroleum Hydrocarbons, sec-Butylbenzene, Styrene, tert-Butyl Acetate, tert-Butylbenzene, Tetrahydrofurane, Tetrachloroethene, Tetrachloromethane, Toluene, trans-1.2-Dichloroethene, trans-1.3-Dichloropropylene, Trichloroethene, Trichlorofluoromethane, Vinyl Acetate, Vinyl Chloride, Sums calculation according to CZ_SOP_D03_02
2.6	**Aldehydes, ketones -** formaldehyde, acetaldehyde, propionaldehyde, crotonaldehyde, methacrolein, butyraldehyde, benzaldehyde, valeraldehyde, m-tolualdehyde, n-hexanealdehyde
2.7, 2.8, 2.76, 2.77	**Volatile organic compounds** – 1.1.1.2-Tetrachloroethane, 1.1.1-Trichloroethane, 1.1.2.2-Tetrachloroethane, 1.1.2-Trichloroethane, 1.1-Dichloroethane, 1.1- Dichloroethene, 1.1-Dichloropropene, 1.2.3.5-Tetramethylbenzene, 1.2.3-Trichlorobenzene, 1.2.3-Trichloropropane, 1.2.3-Trimethylbenzene, 1.2.4.5- Tetramethylbenzene, 1.2.4-Trichlorobenzene, 1.2.4-Trimethylbenzene, 1.2.5-Trimethylbenzene, 1.2-Dibromo-3-chloropropane, 1.2-Dibromoethane, 1.2- Diethylbenzene, 1.2-Dichlorobenzene, 1.2-Dichloroethane, 1.2-Dichloropropane, 1.3.5-Trichlorobenzene, 1.3.5-Trimethylbenzene, 1.3-Diethylbenzene, 1.3- Dichlorobenzene, 1.3-Dichloropropane, 1.4-Diethylbenzene, 1.4-Dichlorobenzene, 1.4-Dioxane, 1-Ethyl-2-Methylbenzene, 1-Ethyl-2-Methylbenzene, 1-Ethyl-3-Methylbenzene, 1-Ethyl-4-Methylbenzene, 2-butanone (methyl isobutyl ketone-MEK), 2.2-Dichloropropane, 2-Chlorotoluene, 4-Chlorotoluene, Acetone, Aliphates >C5-C8, Aliphates >C8-C10, Benzene, Bromobenzene, Bromodichloromethane, Bromochloromethane, Bromomethane, Bromoform, cis- 1.2-Dichloroethene, cis-1.3-Dichloropropene, Cyclohexane, Dibromochloromethane, Dibromomethane, Dichlorodifluoromethane, Dichloromethane, Diisopropyl ether, Ethanol, Ethylbenzene, Ethyl tert-Butyl Ether (ETBE), Hexachlorobutadiene, Chlorobenzene, Chloroethane, Chloromethane, Chloroform, Indane, Isobutanol, Isobutyl Acetate, Isopropylbenzene, Methyl ethyl ketone, Methyl isobuthyl ketone, Methyl tert-Butyl Ether (MTBE), m-Xylene, Naphthalene, n-Butanol, n-Butyl Acetate, n-Butylbenzene, n-Hexane, n-Propylbenzene, o-Xylene, p-Isopropyltoluene, p-Xylene, sec-Butanol, sec-Butyl Acetate, sec- Butylbenzene, Styrene, TAEE, TBA, tert-Amyl Methyl Ether, tert-Butanol, tert-Butyl Acetate, tert-Butylbenzene, Tetraethyl lead, Tetrahydrofuran, Tetrahydrothiophene, Tetrachloroethene, Tetrachloromethane, Toluene, total VOC, trans-1.2-Dichloroethene, trans-1.3-Dichloropropene, Trichloroethene, Trichlorofluoromethane, Vinyl chloride, Aliphates >C5-C6, Aliphates >C6-C8, Aromatics C6-C7, Aromatics >C7-C8, Aromatics >C8-C10, Aromatics >C5- C9, Aromatics >C9-C10, Fraction >C5-C10, Sums calculation according to CZ_SOP_D03_02
2.9, 2.10	**Volatile organic compounds** – 1.1-Dichloroethene, 1.2-Dichloroethane, 1.4-Dioxane, Benzene, Dichloromethane, Ethylbenzene, fraction of hydrocarbons C5(C6)-C12, cis-1.2-Dichloroethene, Chloroform, m-Xylene, Naphthalene, o-Xylene, p-Xylene, Styrene, Tetrachloroethene, Tetrachloromethane, Toluene, trans-1.2-Dichloroethene, Trichloroethene, Vinyl chloride, Sums calculation according to CZ_SOP_ D03_02
2.11, 2.12	**Organic contaminants** – aliphates >C5-C8, aliphates >C8-C10, benzene, toluene, ethylbenzene, o-xylene, m-xylene, p-xylene, MTBE (methyl-tert- buthylether), 1,2-dichloroethane, 1,2-dibromomethane, aliphates >C10-C12, aliphates >C12-C16, aliphates >C16-C35, 1-ethyl-3-methylbenzene, 1-ethyl-4- methylbenzene, 1-ethyl-2-methylbenzene, 1,3,5-trimethylbenzene, 1,2,4- trimethylbenzene, 1,2,3-trimethylbenzene, 1,3-diethylbenzene, 1,4- diethylbenzene, 1,2- diethylbenzene, 1,2,4,5-tetramethylbenzene, naphthalene, 2-methylnaphthalene, 1-methylnaphthalene, biphenyl, 2+1-ethylnaphthalene, 1,7- dimethylnaphthalene, 2,6-dimethylnaphthalene, 1,4+2,3-dimethylnaphthalene, acenaphthylene, 1,8-dimethylnaphthalene, acenaphthene, 2,3,5-trimethylnaphthalene, biphenyl ether, fluorine, phenanthrene, anthracene, 2-methylanthracene, 1-methylanthracene, 2-methylphenanthrene, 1-methylphenanthrene, fluoranthene, pyrene, benzo-(a)-anthracene, chrysene, benzo-(b)-fluoranthene, benzo-(k)-fluoranthene, benzo-(a)-pyrene, indeno-(1,2,3,c,d)-pyrene, dibenzo-(a,h)-anthracene, benzo-(g,h,i)-perylene, methylpyrenes/ methylfluoranthenes, methylchrysenes/ methylbenzo-[a]-anthracenes, 1,2-dichlorobenzene, 1,3- dichlorobenzene, 1,2,4-trichlorobenzene, 1,3,5-trichlorobenzene, 1,2,3,4-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, 1,2,3,5-tetrachlorobenzene, pentachlorobenzene, hexachlorobenzene, PCB 28, PCB 52, PCB 101, PCB 118, PCB 153, PCB 138, PCB 180, sums calculation according to CZ_SOP_ D03_02

The Appendix is an integral part of
Certificate of Accreditation No. 51/2026 of 28/01/2026

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
2.13, 2.14	**Phenols, chlorinated phenols and cresols** – 2-chlorophenol, 3- chlorophenol, 4- chlorophenol, 2,6-dichlorophenol, 2,4+2,5-dichlorophenol, 3,5- dichlorophenol, 2,3- dichlorophenol, 3,4- dichlorophenol, 2,4,6-trichlorophenol, 2,3,6- trichlorophenol, 2,3,5- trichlorophenol, 2,4,5- trichlorophenol, 2,3,4- trichlorophenol, 3,4,5-trichlorophenol, 2,3,5,6-tetrachlorophenol, 2,3,4,6- tetrachlorophenol, 2,3,4,5- tetrachlorophenol, pentachlorophenol, 4-chloro-3-methylphenol, sums calculation according to CZ_SOP_ D03_02
2.15	**Cannabinoids** - 9(S)-Hexahydrocannabinol (9(S)-HHC), 9(R)-Hexahydrocannabinol (9(R)-HHC), Cannabidiol (CBD), Cannabichromene (CBC), Delta-9-tetrahydrocannabinol (Delta-9-THC), Delta-9- tetrahydrocannabinolic acid – A (Delta-9-THCA-A), Delta-8- tetrahydrocannabinol (Delta -8-THC), Cannabigerol (CBG), Cannabinol (CBN), Cannabidiolic acid (CBDA), Delta-9- tetrahydrocannabinolic acid – (A Delta-9-THCA-A), Cannabigerolic acid (CBGA), Cannabidivarin (CBDV) , delta-9-tetrahydrocannabivarin (Delta-9-THCV), Cannabidivarinic acid (CBDVA), Cannabichromenic acid (CBCA), tetrahydrocannabivarinic acid (THCVA), sums calculation according to CZ_SOP_ D03_02
2.16	**Phtalates** – dimethylphthalate, diethylphthalate, di-n-propylphthalate, di-n-buthylphthalate, diisobuthylphthalate, dipenthylphthalate, di-n-octylphthalate, bis(2-ethylhexyl)-phthalate (DEHP), buthylbenzylphthalate, dicyclohexyl phthalate, sums calculation according to CZ_SOP_D03_02
2.17	**Phthalates** – 2,2,4-trimethyl-1,3-pentanediol diisobutyrate (TXIB), dimethyl phthalate, diethyl phthalate, di-n-propyl phthalate, di-n-butyl phthalate, diisobutyl phthalate, dipentyl phthalate, di-n-octyl phthalate, bis(2-ethylhexyl) phthalate (DEHP), butylbenzyl phthalate, dicyclohexyl phthalate, di-iso-nonyl phthalate, di-iso-decyl phthalate, sum calculation according to CZ_SOP_D03_02
2.18, 2.19	**Phenols and cresols –** phenol, o-cresol, m-cresol, p-cresol, 2,3-dimethylphenol, 2,4-dimethylphenol, 2,5-dimethylphenol, 2,6-dimethylphenol, 3,5- dimethylphenol, 3,4-dimethylphenol, sums calculation according to CZ_SOP_D03_02
2.19	**Alkylfenols, alkylphenol ethoxylates** - 4-nonylphenol (mixture of isomers), 4-nonylphenol monoethoxylate (mixture of isomers), 4-nonylphenol diethoxylate (mixture of isomers), 4-nonylphenol triethoxylate (mixture of isomers), 4-tert-octylphenol, 4-tert-octylphenol monoethoxylate, 4-tert-octylphenol diethoxylate, 4-tert-octylphenol triethoxylate, sums calculation according to CZ_SOP_D03_02
2.20	**Semivolatile organic compounds** – 1,2,3,4-tetrachlorobenzene, 1,2,3,5- & 1,2,4,5-tetrachlorobenzene, 2,4-DDD, 2,4-DDE, 2,4-DDT, 2,6-dichloroaniline, 4,4`-DDD, 4,4`-DDE, 4,4`-DDT, 6-caprolactam, acenaphthene, acenaphthylene, alachlor, aldrin, alpha-endosulfan, anthracene, benzo(a)anthracene, benzo(a)fluoranthene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(e)pyrene, benzo(g,h,i)perylene, benzo(k)fluoranthene, beta-endosulfan, biphenyl, bis(2-ethylhexyl)phthalate (DEHP), cis-nonachlor, dibenzo(a,h)anthracene, dieldrin, diphenyl ether, dichlobenyl, di-n-butylphthalate, endosulfan sulfate, endrin, phenanthrene, fluoranthene, fluorene, heptachlor, heptachlorepoxide-cis, heptachlorepoxide-trans, hexachlorobenzene (HCB), hexachlorobutadiene, hexachloroethane, HCH alpha, HCH beta, HCH delta, HCH epsilon, HCH gamma, chlordane-cis, chlordane-trans, chrysene, indeno(1,2,3-cd)pyrene, isodrine, methoxychlor, mirex, naphthalene, octachlorostyrene, oxychlordane, PBB 153, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 194, PCB 28, PCB 52, pentachlorobenzene, pentachlorotoluene, perylene, pyrene, telodrin, trans-nonachlor, trifluralin, sums calculation according to CZ_SOP_D03_02
2.21	**Semivolatile organic compounds** – 1-chloronaphthalene, 2,4-dimethylphenol, 2,4-dinitrophenol, 2,4-dinitrotoluene, 2,6-dinitrotoluene, 2-chloronaphthalene, 2-methylphenol, 2-methylnaphthalene, 2-nitroaniline, 2-nitrophenol, 3- & 4-methylphenol, 3-nitroaniline, 4,6-dinitro-2-methylphenol, 4-bromophenylphenyl ether, 4-chloro-3-methylphenol, 4-chloroaniline, 4-chlorophenylphenyl ether, 4-nitroaniline, 4 -nitrophenol, 6-caprolactam, acenaphthene, acenaphthylene, acetophenone, aniline, anthracene, benzidine, benzo(a)anthracene, benzo(a)fluoranthene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, benzyl alcohol, biphenyl, bis(2-ethylhexyl)phthalate, bis(2-chloroethoxy)methane, bis(2-chloroethyl)ether, bis(2-chloroisopropyl)ether (all isomers), butylbenzylphthalate , dibenzo(a,h)anthracene, dibenzofuran, diethylphthalate, diphenylamine, dimethylphthalate, di-n-butylphthalate, di-n-octylphthalate, dinoseb, phenanthrene, phenol, fluoranthene, fluorene, hexachlorobutadiene, hexachlorocyclopentadiene,

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	hexachloroethane, chrysene, indeno(1 ,2,3-cd)pyrene, isophorone, carbazole, naphthalene, nitrobenzene, N-nitrosodi-n-propylamine, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180, PCB 28, PCB 52, pyrene, sum calculation according to CZ_SOP_D03_02
2.22, 2.23, 2.24, 2.26	**Polycyclic aromatic hydrocarbons** – naphthalene, acenaphtylene, acenaphtene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo-(a)-anthracene, chrysene benzo-(b)-fluoranthene, benzo-(k)-fluoranthene, benzo-(a)-pyrene, dibenzo-(a,h)-anthracene, benzo-(g,h,i)-perylene, indeno-(1,2,3,c,d)- pyrene, coronene, sums calculation according to CZ_SOP_ D03_02
2.25	**Glycols** - monopropylenglycol (as C), ethylenglycol, ethylenglycol (as C), diethylenglycol, diethylenglycol (as C), triethylenglycol, triethylenglycol (as C)
2.27, 2.28, 2.30	**Polychlorinated biphenyls** – PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, sums calculation according to CZ_SOP_D03_02
2.29	**Alkylphenols, alkylphenoloxylates** - 4-nonylphenol (a mixture of isomers), 4-nonylphenol monoethoxylate (a mixture of isomers), 4-nonylphenol diethoxylate (a mixture of isomers), 4-nonylphenol triethoxylate (a mixture of isomers), 4-n-octylphenol, 4-tert-octylphenol, 4-tert-octylphenol monoethoxylate, 4-tert-octylphenol diethoxylate, 4-tert-octylphenol triethoxylate, sums calculation according to CZ_SOP_D03_02
2.31	**Organochlorine pesticides and other halogenated substances** – 1,2,3,4-tetrachlorobenzene, 1,2,3,5-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, 2,4´-DDD (TDE), 2,4´-DDE, 2,4´-DDT, 4,4´-DDD (TDE), 4,4´-DDE, 4, 4´-DDT, alachlor, aldrin, bis(2-ethylhexyl)phthalate (DEHP), cis-heptachloroperoxide, cis-chlordane, cis-nonachlor, dieldrin, dichlobenil, dicofol, endosulfan-sulphate, endrin, heptachlor, hexabromobiphenyl (PBB 153), hexachlorobenzene, hexachlorobutadiene, hexachloroethane, isodrine, methoxychlor, mirex, octachlorostyrene, oxychlordane, pentachloroaniline, pentachlorobenzene, quintozene, telodrine (isobenzan), tetradifon, toxaphene, trans-heptachloroperoxide, trans-chlordane, trans-nonachlor, trifluralin, alpha-endosulfan, HCH alpha, beta-endosulfan, HCH beta, HCH gamma (Lindane), HCH delta, HCH epsilon, sums calculation according to CZ_SOP_D03_02
2.32	**Organochlorine pesticides and other halogenated substances** – 1,2,3,4-tetrachlorobenzene, 1,2,3,5-tetrachlorobenzene, 1,2,4,5-tetrachlorobenzene, 2,4'-DDD (TDE), 2,4'-DDE, 2,4'-DDT, 4,4'-DDD (TDE), 4,4'-DDE, 4,4'-DDT, alachlor, aldrin, bis(2-ethylhexyl)phthalate (DEHP), cis-heptachlor epoxide, cis-chlordane, cis-nonachlor, dieldrin, dichlobenil, dicofol, endosulfan sulfate, endrin, heptachlor, hexabromobiphenyl (PBB 153), hexachlorobenzene, hexachlorobutadiene, hexachloroethane, isodrin, methoxychlor, mirex, octachlorostyrene, oxychlordane, pentachloroaniline, pentachlorobenzene, quintozene, telodrin (isobenzan), tetradifon, toxaphene, trans-heptachlor epoxide, trans-chlordane, trans-nonachlor, trifluralin, alpha-endosulfan, HCH alpha, beta-endosulfan, HCH beta, HCH gamma (Lindan), HCH delta, HCH epsilon, sum calculation according to CZ_SOP_D03_02
2.35, 2.36, 2.42, 2.43, 2.44, 2.45, 2.46, 2.47, 2.48, 2.49, 2.50	**PCDD/PCDF** - 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, OCDD, 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, OCDF, TEQ parameters calculation according to CZ_SOP_D06_06_J03
2.38, 2.39	**PCB** – PCB95, PCB99, PCB101, PCB105, PCB110, PCB114, PCB118, PCB123, PCB126, PCB128, PCB138, PCB146, PCB149, PCB151, PCB153, PCB156, PCB157, PCB167, PCB169, PCB170, PCB177, PCB180, PCB183, PCB187, PCB189, PCB209, PCB5, PCB18, PCB28, PCB52, PCB77, PCB81, PCB37, sums and TEQ parameters calculation according to CZ_SOP_D06_06_J03
2.37, 2.40, 2.41, 2.56	**PCB** - PCB101, PCB105, PCB114, PCB118, PCB123, PCB126, PCB138, PCB153, PCB156, PCB157, PCB167, PCB169, PCB170, PCB180, PCB189, PCB209, PCB28, PCB52, PCB77, PCB81, PCB37, sums and TEQ parameters calculation according to CZ_SOP_D06_06_J03
2.51, 2.52, 2.53, 2.54	**BFR** - tri-BDE28, tetra-BDE-47, tetra-BDE-66, tetra-BDE-77, penta-BDE-85, penta-BDE-99, penta-BDE-100, hexa-BDE-138, hexa-BDE-153, hexa-BDE-154, hepta-BDE-183, okta-BDE-203, deka-BDE-209, PBB3, PBB15,

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	PBB18, PBB52, PBB101, PBB153, PBB180, PBB194, PBB206, PBB209 and sums calculation according to CZ_SOP_D06_06_J03
2.55	**Alkylphenols, alkylphenolethoxylates** - 4-nonylphenol (mixture of isomers), 4-n-nonylphenol, 4-nonylphenol monoethoxylate (mixture of isomers), 4- nonylphenol diethoxylate (mixture of isomers), 4-nonylphenol triethoxylate (mixture of isomers), 4-n-octylphenol, 4-tert-octylphenol, 4-tert-octylphenol monoethoxylate, 4-tert-octylphenol diethoxylate, 4-tert-octylphenol triethoxylate, bisphenol A, bisphenol B, bisphenol F, sums calculation according to CZ_SOP_ D03_02
2.57, 2.58, 2.59, 2.60, 2.61	**Polycyclic aromatic hydrocarbons** – naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo-(a)-anthracene, chrysene, benzo-(b)-fluoranthene, benzo-(k)-fluoranthene, benzo-(a)-pyrene, benzo-(e)-pyrene, benzo-(j)-fluoranthene, benzo-(c)-phenanthrene, dibenzo-(a,h)-anthracene, benzo-(g,h,i)-perylene, indeno-(1,2,3,c,d)-pyrene, phenanthrene-1-methyl, 2-methyl-phenanthrene, 3-methyl phenanthrene, 4-methyl-phenanthrene, 9-methyl phenanthrene, dibenzo-(a,l)-pyrene, dibenzo-(a,e)-pyrene, dibenzo-(a,i)-pyrene dibenzo-(a,h)-pyrene and sums calculation according to CZ_SOP_D06_06_J03
2.62	**Semi volatile organic compounds** – naphthalene, acenaphthylene, acenaphthene, fluorine, phenanthrene, anthracene, fluoranthene, pyrene, benzo-(a)- anthracene, chrysene, benzo-(b)-fluoranthene, benzo-(k)-fluoranthene, benzo-(a)-pyrene, dibenzo-(a,h)-anthracene, benzo-(g,h,i)-perylene, indeno-(1,2,3,c,d)- pyrene, PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, 2,4-DDD, 2,4-DDE, 2,4-DDT, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, aldrin, alpha-endosulfan, beta-endosulfan, dieldrin, heptachlor, heptachlor epoxide-cis, heptachlor epoxide-trans, hexachlorobenzene, (HCB), hexachlorobutadiene, HCH alpha, HCH beta, HCH gamma, hexachloroethane, isodrine, pentachlorobenzene, telodrin sums calculation according to CZ_SOP_ D03_02
2.63	**Acid herbicides, drug residues and other pollutants –** 2-methylsulfonyl-4-trifluoromethyl benzoic acid, 2,3,6-trichlorbenzoic acid, 2,4,5-T, 2,4,5-TP, 2,4-D, 2,4-DB, 2,4-DP, 2,4-DP (isomers), 3,5,6- trichloro-2-pyridinol, 4-CPP, 6-chloroquinoxalin-2,3-diol, acifluorfen, aminopyralid, benazolin, bentazone, Bromo dichloroacetic acid, Bromo chloroacetic acid, bromoxynil, caffeine, clopyralid, dibromo acetic acid, dibromo chloroacetic acid, dichloroacetic acid, dicamba, dichloroprop-P, diclofenac, diclofop, dinoseb, dinoterb, DNOC, flonicamid, fluroxypyr, ibuprofen, ioxynil, iprodione, MCPA, MCPB, MCPP, MCPP (isomers), mecoprop-P, metribuzin-desamino, metribuzin-desamino diketo, monobromoacetic acid, monochloroacetic acid, paraxanthine, picloram, pinoxaden, propoxycarbazone-sodium, salicylic acid, spirotetramat, spirotetramat-ketohydroxy, tribromo acetic acid, trichloroacetic acid, triclopyr, triclosan, trinexapac, sums calculation according to CZ_SOP_D03_02
2.64	**Acid herbicides and drug rezidues –** 2,4,5-T, 2,4,5-TP, 2,4-D, 2,4-DB, 2,4-DP (isomers), 4-CPP, acifluorfen, bentazone, bromoxynil, dicamba, diclofop, dinoseb, DNOC, fluroxypyr, ioxynil, MCPA, MCPB, MCPP (isomers), propoxycarbazone-sodium, triclosan, triclopyr
2.65	**Pesticides, pesticide metabolites, drug residues and other pollutants –** 1,2,4-triazol, 1-(3,4-dichlorophenyl) urea (DCPU), , 1H-benzotriazol, 1-methyl-1H-benzotriazol, 2-aminobenzothiazol, 2-amino-4-methoxy-6-methyl-1,3,5-triazin, 2-amino-N-(isopropyl)benzamide, 2-chloro-2,6-diethylacetanilid, 2-hydroxybenzothiazol, 2-hydroxycarbamazepine, 2-isopropyl-6-methyl-4-pyrimidinol, 2-methylbenzothiazol, 2-methylmercaptobenzothiazol, , 3,4-dichloroaniline (DCA), 3,5,6-trichloro-2-pyridinol, 3-chloro-4-methylaniline, 3-hydroxycarbamazepine, 5-methyl-1H-benzotriazol, 6-chloronicotinic acid, , acesulfam K, acetamiprid, acetochlor, acetochlor ESA, acetochlor OA, acibenzolar-S-methyl, aclonifen, acrinathrin, acrylamid, alachlor, alachlor ESA, alachlor OA, aldicarb, aldicarb sulfone, aldicarb sulfoxide, aldoxycarb, allethrin, anastrozole ametrine, amidithion, amidosulfuron, amitraz, anilazin, asulam, atraton, atrazin, atrazin-2-hydroxy, atrazin-desethyl, atrazin-desethyl-desisopropyl, atrazin-desisopropyl, atenolol, azaconazole, azathioprin, azinfos-ethyl, azinfos-methyl, azoxystrobin, azoxystrobin isopyrazam, azoxystrobin o-demethyl, BAM (2,6-dichlorobenzamide), BDMC, benalaxyl, bendiokarb, benfuracarb, bentazone, bentazone methyl, beta-cyfluthrin, bezafibrat, bifenox, bifenthrin, bisphenol AF, bisphenol S, bitertanol, boskalid, brodifacoum, bromacil, bromadiolon, bromofos-ethyl, bromoxynil, buprofezin, buprenorfin, butorfanol, cadusafos, ciprofloxacin, citalopram, clofentezin, coumafos, cyanazine, cyfenothrin, cyflufenamid, cyclamate, cyclobenzaprin, cyclofosfamid, cymoxanil, cypermethrin, cyprazin, cyprodinil, cyproconazole, cyromazin, DEET, deltamethrin,

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	demedifam, desmetryn, diazepam, diazinon, diethofencarb, difenacoum, difenoconazole, difenoxuron, diflubenzuron, diflufenican, dichlofenthion, dichlormid, dichlorvos, diclofenac, dicrotophos, diquat, dimefuron, dimethachlor, dimethachlor CGA 369873, dimethachlor CGA 373464, dimethachlor ESA, dimethachlor OA, dimethenamid, dimethenamid ESA, dimethenamid OA, dimethenamid-P, dimethylaminosulfanilid, dimethoate, dimetomorph, dioxystrobin, diuron, diuron desmethyl (DCPMU), enalapril, epoxiconazole, EPTC, ethidimuron, ethiofencarb, ethion, ethofumesate, ethoprophos, ethoxazol, famoxadon, famphur, fenamiphos, fenamiphos sulfon, fenamiphos sulfoxide, fenarimol, fenhexamide, fenmedifam, fenothiocarb, fenothrin, fenoxaprop, fenoxycarb, fenpropathrin, fenpropidin, fenpropimorf, fensulfothion, fenuron, fipronil, fipronil sulfon, flazasulfuron florasulam, floxetin, fluazifop, fluazifop-butyl, fluazifop-butyl (isomers), fluazifop-P, fluazifop-p-butyl, fluazinam, fludioxonil, flufenacet, flufenacet ESA, flufenacet OA, fluometuron, fluopicolid, fluopyram, fluquinconazole, flusilazol, flutamid, flutolanil, fluxapyroxad fonofos, foramsulfuron, furalaxyl, furathiokarb, furosemid, gabapentin, gemfibrozil, guanylurea, haloxyfop, haloxyfop-2-ethoxyethyl, haloxyfop-p-methyl, hexaconazole, hexazinon, hexythiazox, hydrochlorothiazid, chloramfenicol, chlorantraniliprol, chlorbromuron, chlorfenvinphos, chloridazon, chloridazon-desphenyl, chloridazon-methyl desphenyl, chlormequate, chlorothalonil R471811, chlorotoluron, chloroxuron, chlorpropham, chlorpyriphos, chlorpyriphos-methyl, chlorosulfuron, chlorotoluron-desmethyl, ifosfamide, imazalil, imazamethabenz-methyl, imazamox, imazamox CL312622, imazapyr, imazethapyr, imidacloprid, imidacloprid olefin, imidacloprid urea, indomethacin, indoxacarb, iodosulfuron methyl, iohexol, iomeprol, iopamidol, iopromid, iprodion, iprovalicarb, irgarol, isofetamid, isoproturon, isoproturon-desmethyl, isoproturon-monodesmethyl, isopyrazam, isoxaflutol, isoxaflutol diketonitril, capecitabin, carbamazepin, carbamazepin 10,11-epoxide, carbamazepin 10,11-dihydro-10-hydroxy, carbamazepin 10,11-dihydroxy, carbaryl, carbendazim, carbetamid, carbofuran, carbofuran (sum), carbofuran-3-hydroxy, carboxin, carfentrazone-ethyl, ketoprofen, clodinafop, clodinafop propargil, clomazon, clomeprop, clothianidin, caffeine, cresoxim-methyl, crimidin, amidotrizoic acid, clofibric acid, lambda-cyhalothrin, lenacil, lincomycine, linuron, loperamid, malaoxon, malathion, mandipropamid, MCPA, MCPP, mefenpyr-diethyl, mefentrifluconazole, mevarbam, mepiquate metsulfuron-methyl, mesosulfuron- methyl, mesotrion, metalaxyl (isomery), metamitron, metamitron desamino, metazachlor, metazachlor ESA, metazachlor metabolite 479M09, metazachlor metabolit 479M11, metazachlor OA, metformin, methabenzthiazuron, methaldehyd, methamidophos, methidathion, methiocarb, methiocarb sulfon, methiocarb sulfoxide, methomyl, methomyl oxim, methoprolol, methoprothrin methoxyfenozid, metconazole, metobromuron, metolachlor, metolachlor (isomers), metolachlor (S), metolachlor CGA 368208, metolachlor ESA, metolachlor NOA 413173, metolachlor OA, metoxuron, metrafenone, metribuzin, metribuzin-desamino, metribuzin-desamino diketo, metribuzin-diketo, metrodinazol, molinate, monocrotophos, monolinuron, monuron, myklobutanil, mycophenolate mofetil, napropamid, naphthalame, naproxen, neburon, nicosulfuron, N,N-Dimethylsulfamid, norflurazon, nuarimol, omethoate, oxadiazon, oxadixyl, oxamyl, oxyfluorfen, oxazepam, paclobutrazol, paclitaxel, paracetamol (acetaminofen), paraquate, paraoxon-ethyl, paraoxon-methyl, parathion-ethyl, phorate, phosalone, phosphamidon, phosmet, phosmet-oxon, phosthiazate, pencycuron, pendimethalin, penconazole, permethrine, pethoxamide, pethoxamide ESApicloram, picoxystrobin, picolinafen, pinoxaden M3, pirimiphos-ethyl, pirimiphos-methyl, pirimicarb, piroxicam, p-isopropylaniline, pretilachlor, primisulfuron-methyl, prodiamin, profam, profenophos, prochloraz, promecarb, prometon, prometryn, propachlor, propachlor ESA, propachlor OA, propamocarb, propanil, propanolol, propaquizafop, propargite, propazine, propazine-2-hydroxy, propiconazole, propoxur, propoxycarbazone-sodium, propylene thiourea, propyzamide, prosulfocarb, prothioconazole, pyraclostrobin, pyribenzoxim, pyridaben, pyrifenox, pyrimethanil, pyriproxyfen, quinalphos, quinclorac, quinmerac, quinoxyfen, quizalofop, quizalofop-p-ethyl, rimsulfuron, saccharine, salbutamol, sebuthylazine, secbumeton, sedaxan, sertralin, sethoxydim, siduron, simazine, simazine-2-hydroxy, simazine-desethyl, simetryn, sotalol, spinosad (spinosyn A + spinosyn D), spirotetramat-ketohydroxy, spiroxamin, sulfamethazine, sulfamethoxazol, sulfosulfuron, tau-fluvalinate, tebufenpyrad, tebuconazole, tebuthiuron, teflubenzuron, tefluthrin, terbumeton, terbumeton-desethyl, terbutalin, terbuthylazine, terbuthylazine-desethyl, terbuthylazine-desethyl-2-hydroxy, terbuthylazine-hydroxy, terbutryn, tetraconazole tetramethrin, thebain, thiabendazol, thiacloprid, thiametoxam, thiazafluron, thidiazuron, thifensulfuron-methyl, thiobencarb, thiofanate-methyl, tolcophos-methyl, tramadol, triadimefon, triadimenol, tri-allate, triasulfuron, triazophos, tribenuron-methyl, tricyclazol, trietazin, trifloxystrobin, trifloxysulfuron sodium, triflumizol, triflumuron, triflusulfuron-methyl, triforin, trimethoprim,

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	trinexapak-ethyl, triticonazole, tritosulfuron, valsartan, warfarin, zolpidem, zoxamide, sums calculation according to CZ_SOP_D03_02
2.66	**Pesticides, their metabolites and drug residues – matrices sediments, sludges, soil, rocks –** 1-(3.4-Dichlorophenyl) urea (DCPU), 2-Chloro-2.6- diethylacetanilide, 2-amino-N-(isopropyl)benzamide, 6-chloronicotinic acid, acetamiprid, acetochlor, acetochlor ESA, acetochlor OA, aclonifen, alachlor, alachlor ESA, alachor OA, aldicarb, aldicarb sulfone, aldicarb sulfoxide, ametryn, amidosulfuron, asulam, atraton, atrazine, atrazine-2-hydroxy, atrazine- desethyl, atrazine-desisopropyl, azaconazole, azinphos-methyl, azoxystrobin, azoxystrobin-o-demethyl, BAM, BDMC, benalaxyl, bentazone methyl, bifenox, bitertanol, boscalid, bromacil, bromophos-ethyl, buprofezin, carbaryl, cadusafos, carbendazim, carbofuran, carbofuran-3-hydroxy, carboxin, clodinafop, clodinafop propargyl, clofentezine, clomazone, clomeprop, clopyralid, clothianidin, coumaphos, crimidine, cyanazine, cybutryne (irgarol), cyflufenamid, cymoxanil, cyproconazole, cyprodinil, desmetryn, diazinon, dicrotophos, difenacoum, difenoconazole, difenoxuron, diflubenzuron, diflufenican, dichlofenthion, dichlormid, dichlorvos, dimefuron, dimethachlor, dimethachlor ESA, dimethachlor OA, dimethenamid, dimethoate, dimethomorph, dimethylaminosulfanilide, dimoxystrobin, diuron, diuron desmethyl (DCPMU), epoxiconazole, EPTC, ethion, ethofumesate, ethoprophos, etoxazole, famoxadone, famphur, fenamiphos, fenarimol, fenhexamid, fenothiocarb, fenoxaprop, fenoxycarb, fenpropidin, fenpropimorph, fensulfothion, fenuron, fipronil, fipronil sulfone, florasulam, fluazifop, fluazifop-p-butyl, fludioxonil, flufenacet, fluometuron, fluopicolide, fluopyram, fluquinconazole, flusilazole, flutolanil, fonofos, foramsulfuron, fosthiazate, furalaxyl, haloxyfop, haloxyfop-2-ethoxyethyl, haloxyfop-p-methyl, hexaconazole, hexazinone, hexythiazox, chlorbromuron, chlorfenviphos, chloridazon, chloridazon-desphenyl, chloridazon-methyl desphenyl, chlorotoluron, chlorotoluron-desmethyl, chloroxuron, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorsulfuron, imazalil, imazamethabenz-methyl, imazamox, imazapyr, imazethapyr, imidacloprid, imidacloprid olefin, imidacloprid urea, indoxacarb, iprodione, isoproturon, isoproturon-desmethyl, isoproturon-monodesmethyl, kresoxim-methyl, lenacil, linuron, malaoxon, malathion, mandipropamid, mecarbam, mefenpyr-diethyl, mesosulfuron-methyl, metalaxyl, metamitron, metazachlor, metazachlor ESA, metazachlor OA, metconazole, methabenzthiazuron, methamidophos, methidathion, methiocarb, methiocarb-sulfone, methiocarb-sulfoxide, methomyl, methomyl-oxime, methoxyfenozide, metobromuron, metolachlor (isomers), metolachlor ESA, metolachlor OA, metoxuron, metrafenone, metribuzin, metribuzin-desamino, metsulfuron-methyl, molinate, monocrotophos, monolinuron, monuron, myclobutanil, napropamide, naptalam, neburon, nicosulfuron, norflurazon, nuarimol, omethoate, oxadiazon, oxadixyl, oxamyl, oxyfluorfen, paclobutrazol, paraoxon-ethyl, paraoxon-methyl, parathion-ethyl, penconazole, pencycuron, pendimethalin, pethoxamid, phorate, phosalone, phosmet, phosmet-oxon, phosphamidon, picoxystrobin, pirimicarb, pirimiphos-ethyl, pirimiphos-methyl, primisulfuron-methyl, prodiamine, profenofos, prochloraz, prometon, prometryn, propachlor, propachlor ESA, propachlor OA, propamocarb, propanil, propaquizafop, propazine, propham, propiconazole, propoxur, propyzamide, prosulfocarb, pyraclostrobin, pyribenzoxim, pyridaben, pyrimethanil, pyriproxifen, quinalphos, quinclorac, quinmerac, quinoxyfen, quizalofop, quizalofop-p-ethyl, rimsulfuron, sebuthylazine, sedaxane, sethoxydim, siduron, simazine, simazine-2-hydroxy, simetryn, spiroxamine, tebuconazole, tebufenpyrad, tebuthiuron, teflubenzuron, terbuthylazine, terbuthylazine-desethyl, terbuthylazine-desethyl-2-hydroxy, terbuthylazine-hydroxy, terbutryn, thiacloprid, thiamethoxam, thiazafluron, thidiazuron, thiobencarb, tolclofos-methyl, triadimefon, triadimenol, tri-allate, triasulfuron, triazophos, tribenuron-methyl, trietazine, trifloxystrobin, trifloxysulfuron-sodium, triflumizole, triflumuron, triflusulfuron-methyl, triticonazole, tritosulfuron, zoxamide, sums calculation according to CZ_SOP_D03_02
2.66	**Pesticides, their metabolites and drug rezidues – matrices building materials, materials for building -** 1-(3.4-Dichlorophenyl) urea (DCPU), 2-Chloro- 2.6-diethylacetanilide, 6-chloronicotinic acid, acetamiprid, acetochlor, aclonifen, alachlor, aldicarb, ametryn, amidosulfuron, asulam, atraton, atrazine, atrazine- 2-hydroxy, atrazine-desethyl, atrazine-desisopropyl, azaconazole, azinphos-methyl, azoxystrobin, azoxystrobin-o-demethyl, BAM, benalaxyl, bentazone methyl, bifenox, bitertanol, boscalid, bromacil, bromophos-ethyl, buprofezin, cadusafos, carbendazim, carbofuran, carboxin, clofentezine, clomazone, clomeprop, clothianidin, coumaphos, crimidine, cyanazine, cybutryne (irgarol), cyflufenamid, cyproconazole, cyprodinil, desmetryn, diazinon, dicrotophos, difenacoum, difenoconazole, difenoxuron, diflubenzuron, diflufenican, dichlofenthion, dichlormid, dimefuron, dimethachlor, dimethenamid, dimethoate, dimethomorph, dimethylaminosulfanilide, dimoxystrobin,

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	diuron, diuron desmethyl (DCPMU), epoxiconazole, EPTC, ethion, ethofumesate, ethoprophos, etoxazole, famphur, fenamiphos, fenarimol, fenhexamid, fenothiocarb, fenoxycarb, fenpropidin, fenpropimorph, fensulfothion, fenuron, fipronil, fipronil sulfone, florasulam, fluazifop, fluazifop-p-butyl, fludioxonil, flufenacet, fluometuron, fluopicolide, fluopyram, fluquinconazole, flusilazole, flutolanil, fonofos, foramsulfuron, furalaxyl, haloxyfop, haloxyfop-2-ethoxyethyl, haloxyfop-p-methyl, hexaconazole, hexazinone, hexythiazox, chlorbromuron, chlorfenviphos, chloridazon, chloridazon-desphenyl, chloridazon-methyl desphenyl, chlorotoluron, chlorotoluron-desmethyl, chloroxuron, chlorpropham, chlorpyrifos, chlorpyrifos-methyl, chlorsulfuron, imazalil, imazamethabenz-methyl, imazamox, imazapyr, imazethapyr, imidacloprid, imidacloprid olefin, imidacloprid urea, isoproturon, isoproturon-desmethyl, isoproturon-monodesmethyl, lenacil, linuron, malathion, mandipropamid, mecarbam, mesosulfuron-methyl, metalaxyl, metamitron, metazachlor, metconazole, methabenzthiazuron, methidathion, methomyl, methomyl-oxime, methoxyfenozide, metobromuron, metolachlor (isomers), metoxuron, metrafenone, metribuzin, metribuzin-desamino, molinate, monolinuron, monuron, myclobutanil, napropamide, naptalam, neburon, nicosulfuron, norflurazon, nuarimol, oxadiazon, oxadixyl, oxyfluorfen, paclobutrazol, paraoxon-ethyl, parathion-ethyl, penconazole, pencycuron, pendimethalin, pethoxamid, phorate, phosalone, phosphamidon, picoxystrobin, pirimicarb, pirimiphos-ethyl, pirimiphos-methyl, prodiamine, prochloraz, prometon, prometryn, propachlor, propamocarb, propanil, propaquizafop, propazine, propham, propiconazole, propyzamide, prosulfocarb, pyraclostrobin, pyrimethanil, pyriproxifen, quinalphos, quinclorac, quinmerac, quinoxyfen, quizalofop-p-ethyl, sebuthylazine, sedaxane, sethoxydim, siduron, simazine, simazine-2-hydroxy, simetryn, spiroxamine, tebuconazole, tebufenpyrad, tebuthiuron, teflubenzuron, terbuthylazine, terbuthylazine-desethyl, terbuthylazine-desethyl-2-hydroxy, terbuthylazine-hydroxy, terbutryn, thiacloprid, thiamethoxam, thiazafluron, thidiazuron, thiobencarb, tolclofos-methyl, triadimefon, triadimenol, tri-allate, triasulfuron, triazophos, tribenuron-methyl, trietazine, trifloxystrobin, trifloxysulfuron-sodium, triflumizole, triflumuron, triflusulfuron-methyl, triticonazole, tritosulfuron, zoxamide, sums calculation according to CZ_SOP_D03_02
2.67	**Pesticides, their metabolites and drug rezidues –** 6-chloronicotinic acid, acetamiprid, acetochlor, aldicarb, aldicarb sulfone, aldicarb sulfoxide, amitraz, azoxystrobin, bifenthrin, boscalid, cadusafos, carbaryl, carbofuran, carbofuran-3-hydroxy, chlormequat, chlorpyrifos, clomazone, clothianidin, cyhalothrin (isomers), cypermethrin (isomers), cyproconazole, deltamethrin (isomers), diazinon, dichlorvos, dicrotophos, dimethoate, dimoxystrobin, diquat, epoxiconazole, fenoxycarb, fipronil, fipronil sulfone, imidacloprid, imidacloprid olefin, imidacloprid urea, indoxacarb, isoproturon, isoproturon-desmethyl, isoproturon-monodesmethyl, kresoxim-methyl, malaoxon, malathion, mepiquat, metazachlor, metconazole, methidathion, methiocarb, methiocarb sulfone, methiocarb sulfoxide, methomyl, methomyl-oxime, paraquat, permethrin (isomers), pethoxamid, phosalone, phosmet, phosmet-oxon, phosphamidon, pirimicarb, prochloraz, propoxur, pyrimethanil, tau-fluvalinate, tebuconazole, thiacloprid, thiamethoxam, sums calculation according to CZ_SOP_D03_02
2.68	**Pesticides by MS detection -** 2,6-dichloroaniline, acrinathrin, allethrin azinphos-methyl, bifenthrin, bromophos-ethyl, captan, carbophenothion, chlorfenvinphos, chlorpyrifos, chlorpyrifos-methyl, beta-cyfluthrin, lambda-cyhalothrin, cypermetrin (isomers), cyphenothrin, deltamethrin, demeton-S-methyl, diazinon, dichlorvos, dimethoát, dimethypin, ethion, fenitrothion, fenpropathrin, fenthion, fenvalerate, tau-fluvalinate, folpet (sum of folpet and phthalimide), malathion, parathion-ethyl, parathion-methyl, permethrin, phenothrin, phorat, phosmet, pirimfos-ethyl, prothiofos, teflutrin, tetramethrin, sums calculation according to CZ_SOP_D03_02
2.69	**Pesticides and their metabolites by MS detection –** amitrole, AMPA, glufosinate, glufosinate ammonium, glyphosate, sums calculation according to CZ_SOP_D03_02
2.70	**Pesticides and their metabolites by MS detection –** AMPA, glyphosate
2.71	**Complexing substances** - EDTA, PDTA, NTA, MGDA, DTPA
2.73, 2.74	**Organic acids –** formic acid, acetic acid, caproic acid, butyric acid, isobutyric acid, lactic acid, propionic acid, valeric acid, isovaleric acid
2.75	**Gases –** methane, ethane, ethylene, acetylene
2.78, 2.79	**Halogen compounds** – chloroalkanes C10-C13, C14-C17

The Appendix is an integral part of
Certificate of Accreditation No. 51/2026 of 28/01/2026

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2.80	**Aniline and aniline derivates** – p-chloroaniline
2.81	**Chlorinated phenols** – 2-amino-4-chlorophenol
2.82	**Drug residues** – anastrozole, atenolol, azathioprine, beclomethasone dipropionate, capecitabine, cyclosporin, cyproteron acetate, diazepam, fluticason propionate, loperamide hydrochloride, medroxyprogesterone acetate, megestrol acetate, methotrexate, methylprednisolone acetate, metronidazole, mometasone furoate, mycophenolate mofetil, paclitaxel, sotalol hydrochloride, tacrolimus, thebain, tramadol hydrochloride, triamcinolone acetonide, valsartan, zolpidem tartrate
2.84	**Perfluorinated compounds** – Perfluorobutanoic acid (PFBA), Perfluoropentanoic acid (PFPeA), Perfluorohexanoic acid (PFHxA), Perfluoroheptanoic acid (PFHpA), Perfluorooctanoic acid (PFOA), Linear Perfluorooctanoic Acid (L-PFOA), branched Perfluorooctanoic Acid (br-PFOA), Perfluorononanoic acid (PFNA), Linear Perfluorononanoic acid (L-PFNA), branched Perfluorononanoic acid (br-PFNA), Perfluorodecanoic acid (PFDA), Perfluoroundecanoic acid (PFUnDA), Perfluorododecanoic acid (PFDoDA), Perfluorotridecanoic acid (PFTrDA), Perfluorotetradecanoic acid (PFTeDA), Perfluorohexadecanoic acid (PFHxDA), Perfluorooktadecanoic acid (PFOcDA), Perfluoropropane sulfonic acid (PFPrS), Perfluorobutane sulfonic acid (PFBS), Perfluoropentane sulfonic acid (PFPeS), Perfluorohexane sulfonic acid (PFHxS), Linear Perfluorohexane sulfonic acid (L-PFHxS), branched Perfluorohexane sulfonic acid (br-PFHxS), Perfluoroheptane sulfonic acid (PFHpS), Perfluorooctane sulfonic acid (PFOS), Linear Perfluorooctane sulfonic acid (L-PFOS), branched Perfluorooctane sulfonic acid (br-PFOS), Perfluorononane sulfonic acid (PFNS), Perfluorodecane sulfonic acid (PFDS), Perfluoroundecane sulfonic acid (PFUnDS), Perfluorododecane sulfonic acid (PFDoDS), Perfluorotridecane sulfonic acid (PFTrDS), 4:2 Fluorotelomeric sulfonate (4:2 FTS), 6:2 Fluorotelomer sulfonic acid (6:2 FTS), 8:2 Fluorotelomer sulfonic acid (8:2 FTS), 10:2 Fluorotelomeric sulfonate (10:2 FTS), Perfluorooctane sulfonamide (FOSA), Linear Perfluorooctane sulfonamide (L-FOSA), branched Perfluorooctane sulfonamide (br-FOSA), N-Methyl perfluorooctane sulfonamide (MeFOSA), N-Ethyl perfluorooctane sulfonamide (EtFOSA), Perfluorooctane sulfonamidoacetic acid (FOSAA), N-methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA), Linear N-methyl Perfluorooctane sulfonamidoacetic acid (L-MeFOSAA), branched N-methyl Perfluorooctane sulfonamidoacetic acid (br-MeFOSAA), N-ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA), Linear N-ethyl Perfluorooctane sulfonamidooctanoic acid (L-EtFOSAA), branched N-ethyl perfluorooctane sulfonamidooctanoic acid (br-EtFOSAA),7H-perfluoroheptanoic acid (HPFHpA), Perfluoro-3,7- dimethyloctanoic acid (P37DMOA), N-Methyl perfluorooctane sulfonamidoethanol (MeFOSE), N-Ethyl perfluorooctane sulfonamidoethanol (EtFOSE), PFCs Total Oxidizable Precursors (TOP) (M4), Hexabromocyclododecane (HBCD), Tertabromobisphenol-A (TBBP-A), perfluoro-4-methoxybutanoic acid (PFMBA), perfluoro-3-methoxypropanoic acid (PFMPA), 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS), 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS), 4,8-dioxa-3H-perfluorononanoic acid (DONA), 4,8-dioxa-3H-perfluorononanoic acid (ADONA), sodium 4,8-dioxa-3H-perfluorononanoate (NaDONA), 2,3,3,3-tetrafluoro-2-heptafluoropropoxy) propionic acid (HFPO-DA), 2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA), 2H,2H,3H,3H-perfluorodecanoic acid (FHpPA), 2H,2H-perfluorodecanoic acid (8:2 FTCA), 2H,2H-perfluorodecanoic acid (H2PFDA), 2H,2H,3H,3H-perfluorohexanoic acid (3:3 FTCA), 2H,2H,3H,3H -perfluorooctanoic acid (5:3 FTCA), 2H,2H,3H,3H-perfluoroundecanoic acid (H4PFUnDA), 2H,2H-perfluorooctanoic acid (6:2 FTCA), 2H-perfluoro-2-octenoic acid (6:2 FTUCA), 2H-perfluoro-2-decenoic acid (8:2 FTUCA), perfluoro(2-ethoxyethane)sulfonic acid (PFEESA), perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS), Trifluoroacetic acid (TFA), Perfluoropropanoic acid (PFPrA), Perfluoroethanesulfonic acid (PFEtS), Trifluoromethanesulfonic acid (TFMS), Lithium bis(trifluoromethanesulfonyl)imide (LiTFSI), Capstone B (6:2 FTAB), F-Diox acid (C6O4), Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)
2.85	**Perfluorinated compounds** – Perfluorobutanoic acid (PFBA), Perfluoropentanoic acid (PFPeA), Perfluorohexanoic acid (PFHxA), Perfluoroheptanoic acid (PFHpA), Perfluorooctanoic acid (PFOA), Linear Perfluorooctanoic Acid (L-PFOA), branched Perfluorooctanoic Acid (br-PFOA), Perfluorononanoic acid (PFNA), Linear Perfluorononanoic acid (L-PFNA), branched Perfluorononanoic acid (br-PFNA), Perfluorodecanoic acid (PFDA), Perfluoroundecanoic acid (PFUnDA), Perfluorodecanoic acid (PFDoDA), perfluorotridecanoic acid (PFTrDA), perflurotetradecanoic acid (PFTeDA), perfluorohexadecanoic acid

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	(PFHxDA), perfluorooctadecanoic acid (PFOcDA), perfluoropropane sulfonic acid (PFPrS), perfluorobutanesulfonic acid (PFBS), perfluoropentanesulfonic acid (PFPeS), perfluorohexanesulfonic acid (PFHxS), Linear Perfluorohexane sulfonic acid (L-PFHxS), branched Perfluorohexane sulfonic acid (br-PFHxS), Perfluoroheptanesulfonic acid (PFHpS), Perfluorooctanesulfonic acid (PFOS), Linear Perfluorooctane sulfonic acid (L-PFOS), branched Perfluorooctane sulfonic acid (br-PFOS), Perfluorononanesulfonic acid (PFNS), Perfluorodecanesulfonic acid (PFDS), Perfluoroundecanesulfonic acid (PFUnDS), Perfluorododecanesulfonic acid (PFDoDS), Perfluorotridecanesulfonic acid (PFTrDS), 4:2 fluorotelomer sulfonate (4:2 FTS), 6:2 fluorotelomer sulfonate (6:2 FTS), 8:2 fluorotelomer sulfonate (8:2 FTS), 10:2 fluorotelomer sulfonate (10:2 FTS), perfluorooctane sulfonamide (FOSA), Linear Perfluorooctane sulfonamide (L-FOSA), branched Perfluorooctane sulfonamide (br-FOSA), N- methyl perfluorooctanesulfonamide (MeFOSA), Linear N-methyl Perfluorooctane sulfonamidoacetic acid (L-MeFOSAA), branched N-methyl Perfluorooctane sulfonamidoacetic acid (br-MeFOSAA), N-ethyl perfluorooctanesulfonamide (EtFOSA), Linear N-ethyl Perfluorooctane sulfonamidooctanoic acid (L-EtFOSAA), branched N-ethyl perfluorooctane sulfonamidooctanoic acid (br-EtFOSAA), perfluorooctanesulfonamidoacetic acid (FOSAA), N-methyl perfluorooctane sulfonamidoacetic acid (MeFOSAA), N-ethyl perfluorooctane sulfonamidoacetic acid (EtFOSAA), 7H-perfluoroheptanoic acid (HPFHpA), perfluoro- 3,7-dimethyloctanoic acid (P37DMOA), N-methyl perfluorooctanesulfonamidoethanol (MeFOSE), N-ethyl perfluorooctanesulfonamidoethanol (EtFOSE), hexabromocyclododecane (HBCD), alpha-hexabromocyclododecane (alpha-HBCD), beta-hexabromocyclododecane (beta-HBCD), gamma-hexabromocyclododecane (gamma-HBCD), tertabromobisphenol-A (TBBP-A), perfluoro-4-methoxybutanoic acid (PFMBA), perfluoro-3-methoxypropanoic acid (PFMPA), 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS), 9-chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS), 4,8- dioxa-3H-perfluorononanoic acid (DONA), 4,8-dioxa-3H-perfluorononanoic acid (ADONA), sodium 4,8-dioxa-3H-perfluorononanoate (NaDONA, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid (HFPO-DA), 2H,2H,3H,3H-perfluorodecanoic acid (7:3 FTCA), 2H,2H,3H,3H-perfluorodecanoic acid (FHpPA), 2H,2H-perfluorodecanoic acid (8:2 FTCA), 2H,2H-perfluorodecanoic acid (H2PFDA), 2H,2H,3H,3H-perfluorohexanoic acid (3:3 FTCA), 2H,2H,3H,3H-perfluorooctanoic acid (5:3 FTCA), 2H,2H ,3H,3H-perfluoroundecanoic acid (H4PFUnDA), 2H,2H-perfluorooctanoic acid (6:2 FTCA), 2H-perfluoro-2-octenoic acid (6:2 FTUCA), 2H-perfluoro-2-decenoic acid (8: 2 FTUCA), perfluoro(2-ethoxyethane)sulfonic acid (PFEESA), perfluoro-4-ethylcyclohexanesulfonic acid (PFECHS)
2.86	**Volatile organic compounds** – Benzene, Toluene, Ethylbenzene, m-Xylene, p-Xylene, Styrene, o-Xylene, Methanol, Ethanol, Acetone, Benzene, Ethyl Acetate, Isobutanol, n-Butanol, 2-Butanol, Isobutyl Acetate, Butyl Acetate, tert-Butyl Acetate
2.89	**Drug residues** – 17-alfa-estradiol, 17-alpha-ethinylestradiol, 17-beta-estradiol, 2-hydroxycarbamazepin, 3-hydroxycarbamazepin, 4-hyroxydiclophenac, 6-monoacetylmorphine (6-MAM), alprazolam, amphetamine, amisuprid, amoxicillin, anastrozol, atenolol, atorvastatin, azathioprin, azithromycin, benzoylecgonin, benzylpenicillin, bezafibrat, bromazepam, buprenorphone, buprenorphine glucuronid, butorphanol, candesartan, ciprofloxacin, clindamycin, cyclobenzaprin, cyclophosphamide, cyclosporin, citalopram, diazepam, diclophenac, doxycycline, EDDP (methadone metabolite), ephedrine, equilin, enalapril, erythromycine, estriol, estron, fexofenadine, fentanyl, floxetin, fluconazole, flumequine, flutamide, furosemid, gabapentin, galantamin, gemfibrozil, glimepirid, heroin, hydrochlorothiazid, hydromorfon, chloramphenicol, chlordiazepoxid, chlorothalonil R417888, chlortetracycline, ibuprofen, ifosfamide, indomethacin, iohexol, iomeprol, iopamidol, iopromid, irbesartan, capecitabine, carbamazepine, carbamazepine 10,11-dihydro-10-hydroxy, carbamazepine 10,11-dihydroxy, carbamazepine-10,11- epoxide, carprofen, ketamine, ketoprofen, clarithromycin, clonazepam, cloxacillin, codeine, caffeine, cocaethylene, cocaine, colchicinr, clofibric acid, nalidixic acid, oxolinic acid, pipemidic acid, lamotrigine, lincomycin, lomefloxacin, loperamid, losartan, LSD, LSD hydroxy, MBDB (N-metyl-1-(1,3-benzodioxol-5-yl)-2-butamin), MDA (3,4-methylenedioxyamphetamine), MDEA (3,4-methylenedioxy-N-ethylamphetamine), MDMA (3,4-metylendioxymethamphetamine), meloxicam, memantine,metadon, metacycline metamphetamine, metformin, methotrexat, metoprolol, metronidazol, midazolam, morphine, mycophenolate mofetil, naproxen, nimesulid, nor buprenorphin, nor buprenorphin glucuronid, norfloxacin, ofloxacin, omeprazol, ormetoprim, ornidazol, oxazepam, oxcarbazepine, oxypurinol, oxytetracycline, paclitaxel, paracetamol (acetaminofen), paraxanthine, PBSA (ensulizole), piroxikam, primidone,

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	procaine peniciline G, propranolol, roxithromycin salbutamol, salicylic acid, sarafloxacin, sertralin, sotalol, sulfadiazin, sulfachlorpyridazine, sulfamerazine, sulfamethazine, sulfamethizol, sulfamethoxazol, sulfamethoxypyridazine, sulfamonomethoxin, sulfanilamide, sulfathiazol, telmisartan, terbutalin, tetracyclin, tetrazepam, THC (delta-9-tetrahydrocannabinol), THC glucuronide, THC hydroxy, THCA-A (delta9-tetrahydrocannabinol-2-carboxyl), THC-COOH (11-nor-9-carboxy-THC), thebain, tramadol, trimethoprim, valsartan, vancomycin, venlafaxine, warfarin, zolpidem
2.90	**Organic Acids** – acetic acid, propionic acid, isobutyric acid, butyric acid, isovaleric acid, valeric acid, isocaproic acid, caproic acid, heptanoic acid
2.91	**Polycyclic aromatic hydrocarbons** – naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo-(a)-anthracene, chrysene, benzo-(b)-fluoranthene, benzo-(k)-fluoranthene, benzo-(j)fluoranthene, benzo-(a)-pyrene, dibenzo-(a,c)-anthracen@dibenzo-(a,h)-anthracen, benzo-(g,h,i)- perylene, indeno-(1,2,3,c,d)-pyrene, coronene, trifenylen@chrysen, sums calculation according to CZ_SOP_D03_02
2.92	**Aniline and aniline derivatives –** aniline, N-ethylaniline, 2-naphthol
2.93	**VFC and VHC** - 1,1,1,2-Tetrafluoroethane (R134a), 1,1,2-Trichloro-1,2,2-trifluoroethane (R113), 1,1-Dichloro-1-fluoroethane (R141b), 1-Chloro-1,1-difluoroethane (R142b), Cyclopentane, Dichlorodifluoromethane (R12), Fluorotrichloromethane (R11), Chlorodifluoromethane (R22), Isopentane
2.94	**VFC and VHC** - 1,1,1,2-Tetrafluoroethane (R134a), Dichlorodifluoromethane (R12), Chlorodifluoromethane (R22), Isobutane (R600a)
2.95	**Dithiocarbamates** – mancozeb
2.96, 2.97	**Explosives** – Nitroglycerin, PETN, Nitrobenzene, 3,5-Dinitroaniline, 1,3-Dinitrobenzene, 2,4-Dinitrotoluene, 2,6-Dinitrotoluene, HMX, RDX, Tetryl, 1,3,5-Trinitrobenzene, 2,4,6-Trinitrotoluene, 4-Amino-2,6-dinitrotoluene, 2-Amino-4,6-dinitrotoluene, 2-Nitrotoluene, 3-Nitrotoluene, 4-Nitrotoluene, Diphenylamine, N-Nitrosodiphenylamine
2.98, 2.99	**Polychlorinated naphthalenes (PCNs)** – chlorinated homolog groups mono- to octa-CN, and congeners CN1, CN5, CN24, CN48, CN54, CN72, CN73, CN75 and calculation of sums according to CZ_SOP_D06_06_J03
2.100	**Perfluorinated compounds** – 2-Perfluorobutyl ethanol (4:2 FTOH), 2-Perfluorohexyl ethanol (6:2 FTOH), 2-Perfluorooctyl ethanol (8:2 FTOH), 2-Perfluorodecyl ethanol (10:2 FTOH)
3.1	**Fatty acids** – butyric, caproic, caprylic, caprinic, undecanoic, lauric, tridecanoic, myristic, pentadecanoic, palmitic, heptadecanoic, stearic, arachidic, heneicosanoic, behenic, tricosanoic, lignoceric, myristoleic, cis-10-pentadecenoic, palmitoleic, cis-10-heptadecenoic, elaidic, oleic, cis-11-eicosenoic, erucic, nervonic, linolelaidic, linoleic, γ-linolenic, linolenic, cis-11,14-eicosadienoic, cis-8,11,14-eicosatrienoic, cis-11,14,17-eicosatrienoic, arachidonic, cis-13,16- docosadienoic, cis-5,8,11,14,17-eicosapentaenoic, cis-4,7,10,13,16,19-docosahexaenoic, elaidic **SAFA, MUFA, PUFA, TFA, Omega 3, Omega 6** – **SAFA** - butyric (C4:0), caproic (C6:0), caprylic (C8:0), capric (C10:0), undecaneoic (C11:0), lauric (C12:0), tridecaneoic (C13:0), miristic (C14:0), pentadecaneoic (C15:0), palmitic (C16:0), heptadecaneoic (C17:0), stearic (C18:0), arachidic (C20:0), heneicosanoic (C21:0), behenic (C22:0), tricosanoic (C23:0), lignoceric (C24:0), **MUFA** - myristoleic (C14:1), cis-10-pentadecenoic (C15:1), palmitoleic (C16:1), cis-10-heptadecenoic (C17:1), oleic (C18:1n9c), cis-11-eicoseinic (C20:1), erudic (C22:1n9), nervonic (C24:1), **PUFA** - linolelaidic (C18:2n6c), linoleic (C18:3n6), y-linoleic (C18:3n3), cis-11,14-eicosadienoic (C20:2), cis-8,11,14-eikosatrienoic (C20:3n6), cis-11,14,17-eikosatrienoic (C20:3n3), arachidonic (C20:4n6), cis-13,16-docosadienoic (C22:2), cis-5,8,11,14,18-eikosapentaenoic (C20:5n3), cis-4,7,10,13,16,19-docosahexaenoic (C22:6n3), **TFA** - elaidic (C18:1n9t), linolelaidic (C18:2n6t), C18:3 trans isomery, **Omega 3** - linoleic (C18:3n3), cis-11,14,17-eicosatrienoic (C20:3n3), cis-5,8,11,14,18- eicosapentaenoic (C20:5n3), cis-4,7,10,13,16,19-docosahexaenoic (C22:6n3), **Omega 6** - lineleic (C18:2n6c), y-linoleic (C18:3n6), cis-8,11,14-eikosatrienoic (C20:3n6), arachidonic (C20:4n6), cis-11,14,eikosadienoic (C20:2), cis-13,16-dokosadienoic (C22:2)
3.6	**Substitute sweeteners** – aspartame, acesulfame-K, saccharine, saccharin sodium

The Appendix is an integral part of
Certificate of Accreditation No. 51/2026 of 28/01/2026

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

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
3.8	**Preservatives** – sorbic acid, benzoic acid
3.27	**Vitamin D** – vitamin D2 a vitamin D3
7.12	**Radionuclides** – Radionuclides emitting gamma rays in the energy interval 46,5 – 1836 keV – Natural Radionuclides ^{40}K, ^{210}Pb, **214Pb**, ^{222}Rn(^{226}Ra), ^{223}Ra(^{227}Ac), ^{224}Ra, ^{226}Ra, ^{228}Ra(^{232}Th), ^{227}Th(^{227}Ac), ^{228}Th, ^{230}Th, ^{234}Th(^{238}U), ^{231}Pa, ^{235}U; Artificial Radionuclides ^{7}Be, ^{54}Mn, ^{57}Co, ^{60}Co, ^{65}Zn, ^{88}Y, ^{99m}Tc, ^{109}Cd, ^{131}I, ^{133}Ba, ^{134}Cs, ^{137}Cs, ^{152}Eu, ^{192}Ir, ^{241}Am
7.17	**The calculation of indicative dose (ID)** – calculated from the results of determination of Radium 226(CSN 75 7626), Uranium (CSN 75 7614), Tritium (ISO 9698), Polonium 210 (CSN 75 7626), radionuclides determined using high resolution gamma ray spectrometry (CZ_SOP_D06_07_367), Lead 210 (CZ_SOP_D06_07_370), Strontium 90 (CZ_SOP_D06_07_373) and Carbon 14 (CZ_SOP_D06_07_374)
9.1	**Organic acids –** propionic acid, citric acid, lactic acid, acetic acid, tartaric acid, malic acid
9.8	**Polyols** - Xylitol, Sorbitol, Mannitol, Isomalt, Lactitol, Maltitol, Fructose, Erythritol
9.29	**Meat content calculation –** calculated from the results of the determination of ash according to CZ_SOP_D06_09_458, protein according to CZ_SOP_D06_09_475, moisture according to CZ_SOP_D06_09_452, fat according to CZ_SOP_D06_09_482, hydroxyproline according to CZ_SOP_D06_09_481
9.30	**Determination of carbohydrates and energy value –** calculated from the results of the determination of ash according to CZ_SOP_D06_09_458, protein according to CZ_SOP_D06_09_475, moisture according to CZ_SOP_D06_09_452, fat according to CZ_SOP_D06_09_482, dietary fibre according to CZ_SOP_D06_09_465
9.31	**Determination of non-protein content substances –** calculated from the results of the determination of moisture according to CZ_SOP_D06_09_452, total nitrogen according to CZ_SOP_D06_09_475, fat according to CZ_SOP_D06_09_482, ash according to CZ_SOP_D06_09_458, crude fibre according to CZ_SOP_D06_09_465
9.46	**Sugars** – glucose, fructose, lactose, maltose, sucrose, galactose, and the sum of sugars by calculation

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (tested subject)
1.1, 1.7, 1.14, 1.15, 1.17, 1.19, 1.21, 1.22, 1.29, 1.30, 1.33, 1.36, 1.37, 1.39, 1.40, 1.43, 1.47, 1.50, 1.51, 1.52, 1.54, 1.55, 1.56, 1.57, 1.59, 1.64, 1.65, 1.75, 1.76, 1.77, 1.79, 1.80, 1.82, 1.85, 1.86, 1.87, 1.89, 1.90, 1.91, 1.93, 1.94,1.95, 1.96, 1.97, 1.98, 1.99, 1.101, 1.102, 1.103,1.104, 1.105, 1.110, 1.113, 1.115, 1.117, 1.118, 1.119, 1.120, 1.122, 1.128, 1.129, 1.130, 1.133, 1.134, 1.135, 1.137, 1.138, 1.139, 1.144, 1.146, 1.149, 1.153, 1.165, 1.167, 1.171, 1.180, 2.2, 2.3, 2.7, 2.9, 2.11, 2.13, 2.16, 2.18, 2.20, 2.23, 2.25, 2.27, 2.31, 2.38, 2.43, 2.47, 2.51, 2.55, 2.63, 2.65, 2.68, 2.69, 2.71, 2.73, 2.75, 2.76, 2.78, 2.81, 2.83, 2.84, 2.89, 2.92, 2.95, 2.97, 2.98, 2.100, 4.14, 4.18, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 7.10, 7.12, 7.15, 7.16, 7.17, 7.18, 7.21, 7.23	Water - drinking, bottled, natural, mineral, pool, hot, bathing, raw, underground, surface, waste, sea water, treated waters – dialysis water, aqua purificata, process, industrial, boiler and cooling water, irrigation water, water supplied by pipeline or taken from various reservoirs
1.1, 1.7, 1.14, 1.15, 1.17, 1.19, 1.21, 1.22, 1.29, 1.30, 1.33, 1.36, 1.37, 1.39, 1.40, 1.43, 1.47, 1.50,	Extracts - Aqueous extracts of soils, sediments, and waste according to valid legislation.

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Ordinal test number	Detailed information on activities within the scope of accreditation (tested subject)
1.51, 1.54, 1.55, 1.56, 1.57, 1.59, 1.75, 1.76, 1.77, 1.79, 1.80, 1.82, 1.89, 1.90, 1.91, 1.93, 1.94, 1.95, 1.96, 1.97, 1.98, 1.99, 1.101, 1.102, 1.103, 1.104, 1.105, 1.113, 1.115, 1.117, 1.118, 1.119, 1.120, 1.122, 1.128, 1.129, 1.135, 1.137, 1.138, 1.139, 1.144, 1.146, 1.153, 1.165, 1.167, 1.171, 1.180, 2.2, 2.3, 2.7, 2.9, 2.11, 2.16, 2.18, 2.20, 2.23, 2.27, 2.31, 2.55, 2.84, 6.5, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8, 7.9, 7.10, 7.15, 7.16	
1.1, 1.7, 1.14, 1.15, 1.17, 1.34, 1.37, 1.40, 1.55, 1.56, 1.71, 1.72, 1.73, 1.98, 1.135, 1.180, 2.3, 2.75, 2.84	Liquid samples - industrial liquids, technical liquids, technological baths, extinguishing foams, gel-like liquids
1.2, 1.8, 1.14, 1.16, 1.18, 1.20, 1.25, 1.31, 1.41, 1.44, 1.45, 1.46, 1.48, 1.66, 1.67, 1.68, 1.71, 1.72, 1.73, 1.78, 1.81, 1.111, 1.112, 1.114, 1.116, 1.121, 1.123, 1.132, 1.142, 1.143, 1.147, 1.151, 1.154, 1.172, 1.174, 1.175, 1.176, 1.181, 2.1, 2.4, 2.8, 2.10, 2.24, 2.28, 2.32, 2.39, 2.44, 2.48, 2.52, 2.57, 2.77, 2.99	Solid samples - waste (solid, liquid, biowaste), sediments, sludge, technological sludge products, soils, rocks, coal
1.2, 1.8, 1.31, 1.41, 1.71, 1.72, 1.78, 1.114, 1.116, 1.121, 1.123, 1.143, 1.147, 1.151, 2.14, 2.17, 2.19, 2.21, 2.39, 2.44, 2.52, 2.57, 2.66, 2.79	Building materials - building materials (demolished material, recycled, disposed building materials)
1.2, 1.8, 1.31, 1.41, 1.71, 1.72, 1.78, 1.114, 1.116, 1.121, 1.123, 1.143, 1.147, 1.151, 2.14, 2.17, 2.19, 2.21, 2.39, 2.44, 2.52, 2.57, 2.66, 2.79	Material for building - new or unused building materials and raw materials for their production
1.3, 1.9, 1.42, 1.151, 2.41, 2.46, 2.50, 2.54, 2.60, 2.74, 2.87, 3.1, 3.3, 3.9, 3.15, 3.16, 3.17, 3.23, 3.27, 3.28, 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.11, 5.12, 5.13, 5.14, 5.15, 5.16, 5.17, 5.18, 5.19, 5.20, 5.21, 5.22, 5.23, 5.28, 5.29, 5.30, 5.39, 7.20, 9.1, 9.2, 9.3, 9.5, 9.8, 9.9, 9.10, 9.11, 9.12, 9.17, 9.18, 9.19, 9.26, 9.28, 9.31, 9.46	Feed - products for animal nutrition, PET Food
1.4, 1.10, 1.42, 2.40, 2.45, 2.49,2.53, 2.59, 2.87, 5.9, 7.20,	Biological materials - blood, tissues, mother´s milk, urine, sweat
1.5, 1.11, 1.125, 1.163, 1.170, 2.26, 2.35, 2.37, 2.42, 2.52, 2.56, 2.58, 2.91	Emissions - filters, liquid and solid sorbents, condensates, fly ash
1.5, 1.11, 1.125, 1.163, 2.26, 2.36, 2.37, 2.52, 2.56, 2.58, 2.91	Immissions - filters, solid sorbents
1.140	Surface waters - flowing watercourses, stagnant water – lakes, reservoirs, ponds, and seawater
1.151, 2.67	Vegetable materials - green plants (root, flower, green parts), pollen
1.173, 2.6, 2.56, 2.58, 2.82	Working environment - filters, solid sorbents, tubes
1.178	Gases - gases from biogas plants, landfill gases
2.40, 2.45, 2.53, 2.59	Animal materials - insects
2.41, 2.46, 2.54, 2.60	SPMD extracts - SPMD from surface water, ground water and immission
2.93	Insulating materials – PUR foams, polystyrene

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Ordinal test number	Detailed information on activities within the scope of accreditation (tested subject)
3.19	Fermented and hydrolysed food and beverages - e.g., beer, starch and starch products, soy sauces, malt extracts, yeast doughs
4.14	Treated waters - dialysis water, aqua purificata, process, industrial, boiler and cooling water, irrigation water, water supplied by pipeline or taken from various reservoirs
6.1, 6.2, 6.3, 6.4, 6.5, 6.10, 6.11	Wastewater - water from wastewater treatment plants, grease or oil separators, sewage, cooling, technological, rinsing, industrial
6.8	Waste – solid, liquid, biowaste
7.21	Bioindicators - freshwater and sea water plankton
9.33	Selected foods - food, raw materials for food production, dietary supplements, and feed except for samples of listed matrices with a moisture content higher than 95%, unprocessed cereals and condensed milk

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
1.1, 1.7, 1.14, 1.15, 1.17, 1.19, 1.21, 1.22, 1.29, 1.30, 1.33, 1.36, 1.37, 1.39, 1.40, 1.43, 1.47, 1.50, 1.51, 1.54, 1.55, 1.56, 1.57, 1.59, 1.75, 1.76, 1.77, 1.79, 1.80, 1.82, 1.89, 1.90, 1.91, 1.93, 1.94, 1.95, 1.96, 1.97, 1.98, 1.99, 1.101, 1.102, 1.103, 1.104, 1.105, 1.113, 1.115, 1.117, 1.118, 1.119, 1.120, 1.122, 1.128, 1.129, 1.135, 1.137, 1.138, 1.139, 1.144, 1.146, 1.153, 1.165, 1.167, 1.171, 1.180, 2.2, 2.3, 2.7, 2.9, 2.11, 2.16, 2.18, 2.20, 2.23, 2.27, 2.31, 2.55, 2.84, 6.5, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.8, 7.9, 7.10, 7.15, 7.16	Extracts are usually prepared according to the standards ČSN EN 12457-2; ČSN EN 12457-3; ČSN EN 12457-4; ČSN EN 14405; US EPA Method 1311; US EPA Method 1312; DIN 38414 S4; ÖNORM S2072
2.15	Recommended Methods for the Identification and Analysis of Cannabis and Cannabis Products, MANUAL FOR USE BY NATIONAL DRUG ANALYSIS LABORATORIES, UNITED NATIONS, New York, 2009, UNITED NATIONS PUBLICATION, Sales No. E.09.XI.15, ISBN 978-92-1-148242-3; Commission Regulation (EC) No. 1122/2009 of 30 November 2009 Agilent Technologies Application Note – Quantitation of Cannabinoids in Hemp Flower by Derivatization GC/MS; UNODC - Recommended Methods for the Identification and Analysis of Cannabis and Cannabis Products, chap. 5.4.6
2.81	2002/657/EC - Commission Decision of August 14 2002 implementing Council Directive 96/23/EC

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Sampling:

Ordinal number[2]	Sampling procedure name	Sampling procedure identification[1]	Subject of sampling
1[1,2,4,5,6,7,8,9]	Collection of simple sample of surface water manually	CZ_SOP_D06_01_V01 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-4; ČSN EN ISO 5667-6; ČSN EN ISO 5667-14)	Surface water
2[1,2,3,4,5,6,7,8,9]	Collection of simple sample of waste water manually	CZ_SOP_D06_01_V02 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-10; ČSN EN ISO 5667-14)	Wastewater – water from waste water treatment plants, grease or oil separators, sewage, cooling, technological, rinsing, industrial
3[1,2,3,4,5,6,7,8,9,12]	Collection of drinking and hot water sample manually	CZ_SOP_D06_01_V03 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-5; ČSN EN ISO 5667-14; ČSN EN ISO 5667-21; ČSN EN ISO 19458; Degree 252/2004 Coll.; Degree of SÚJB No. 307/2002 Coll.)	Drinking water and hot water
4[1,2,3,4,5,6,7,8,9]	Collection of waste water composite sample by an automatic sampler	CZ_SOP_D06_01_V04 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-10; ČSN EN ISO 5667-14)	Wastewater – water from waste water treatment plants, grease or oil separators, sewage, cooling, technological, rinsing, industrial
5[1,2,3,4,5,6,7,8,9]	Collection of treated water manually	CZ_SOP_D06_01_V05 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-5; ČSN ISO 5667-7; ČSN EN ISO 5667-14)	Treated waters - dialysis water, aqua purificata, process, industrial, boiler and cooling water, irrigation water, water supplied by pipeline or taken from various reservoirs
6[1,2,3,4,5,6,7,8,9]	Collecting of water samples from artificial and natural swimming pools manually	CZ_SOP_D06_01_V06 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-4; ČSN ISO 5667–5; ČSN EN ISO 5667-6; ČSN EN ISO 5667-14; ČSN EN ISO 19458; ČSN EN 15288-2; Degree No. 238/2011 Coll.)	Pool and filling waters of artificial swimming pools
7[1,2,3,4,5,6,7,8,9]	Collection of simple sample of ground water using pumps and manually	CZ_SOP_D06_01_V07 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-11; ČSN EN ISO 5667-14)	Groundwater from boreholes and wells

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Ordinal number[2]	Sampling procedure name	Sampling procedure identification[1]	Subject of sampling
8[1,2,4,5,6,7,8,9]	Sampling of surface swab manually	CZ_SOP_D06_01_V08 (ČSN 56 0100:1994; ČSN EN ISO18593; Degree No.289/2007 Coll.; ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-14)	Contaminated surfaces – food premises, walls after fires, walls of technological operations
9[1,2,3,4,5,6,7,8,9]	Sampling of sewage sludge and water treatment plants manually	CZ_SOP_D06_01_V09 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-13; ČSN EN ISO 5667-14; ČSN EN ISO 5667-15; ČSN EN ISO 19458)	Sludge from sewage treatment plants and water treatment plants, from sludge landfills
10[1,2,3,4,5,6,7,8,9]	Sampling of bottom sediments manually	CZ_SOP_D06_01_V10 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-12; ČSN EN ISO 5667-14; ČSN EN ISO 5667-15; ČSN ISO 5667-17)	Bottom sediments from streams and reservoirs
11[1,2,3,4,5,6,7,8,9]	Sampling of soils manually	CZ_SOP_D06_01_V11 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-13; ČSN EN ISO 5667-14; ČSN EN ISO 5667-15; TNI CEN/TR 15310-1; TNI CEN/TR 15310-2; TNI CEN/TR 15310-3; TNI CEN/TR 15310-4; TNI CEN/TR 15310-5; ČSN 015110; ČSN 015111; ČSN EN 14899; ČSN EN ISO 19458)	Soils

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Ordinal number[2]	Sampling procedure name	Sampling procedure identification[1]	Subject of sampling
12[1,2,3,4,5,6,7,8,9]	Sampling of solid and waste samples manually	CZ_SOP_D06_01_V12 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-13; ČSN EN ISO 5667-14; ČSN EN ISO 5667-15; TNI CEN/TR 15310-1; TNI CEN/TR 15310-2; TNI CEN/TR 15310-3; TNI CEN/TR 15310-4; TNI CEN/TR 15310-5; ČSN 015110; ČSN 015111; ČSN 015112; ČSN EN 14899; ČSN EN ISO 19458; ČSN EN ISO 3170; Methodological Guide of ME for Waste Sampling 2008, 101s)	Waste – solid, liquid, biowaste, solid samples
13[1,2,3,4,5,6]	Air sampling by personal pump	CZ_SOP_D06_01_V13 (ČSN EN 481; ČSN EN 482; ČSN EN 689+AC; GR No. 361/2007 Coll.)	Working environment – filters, solid sorbents, tubes
14[1]	Sampling of food by the method of random sampling	CZ_SOP_D06_01_V14 (Decree 211/2004, Coll.; Commission Regulation (EC) 2073/2005)	Packaged foods and beverages
15[1,2,7]	Gas sampling for determination NH3	CZ_SOP_D06_01_V15 (ČSN 834728)	Gases - gases from biogas plants, landfill gases
16[1]	Stationary air sampling for the determination of the number of asbestos and mineral fibers	CZ_SOP_D06_01_V16 (ISO 14966, chap. 5; VDI 3492, chap. 5 and 6; ČSN EN ISO 16000-7; ČSN EN 482; GR No. 361/2007, Coll., appendix 3)	Outdoor and indoor air, working environment – filters, solid sorbents, tubes
17[1]	Sampling for the asbestos determination	CZ_SOP_D06_01_V17 (VDI 3866, part 1)	Building materials – new or unused materials for construction and raw materials for their production Construction materials – construction materials (demolished material, recycled material, disposed of construction materials)

[1] for dated documents identifying sampling procedures, only those specific procedures are used, for undated documents identifying sampling procedures, the most recent edition of that procedure (including any changes) is used

[2] superscript at the sampling ordinal number identifies the number of the location carrying out the sampling (the locations are identified on the first page of the document)

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Used abbreviations

AHEM	Acta hygienica, epidemiologica et microbiologica
AITM	Airbus methods
BDE	Brominated diethylethers
BFR	Brominated flame retardants
BS	British Standard
ACI	Activity Concentration Index
ASTM	American Society for Testing and Materials
CFA	Continuous Flow Analyser
CFPP	Cold Filter Plugging Point
CPSC	Consumer Product Safety Commission
ČL	Czech Pharmacopoeia
DIN	Deutscher Institut fuer Normung
DM 06/09/94 GU n° 288 10/12/1994 All. 1 Met. B.	Decree of 06/09/1994 (Decreto Ministeriale 6 settembre 1994), published in Bulletin No. 288 10/12/1994
DPD	Diethyl-P-phenylendiamine
DS/R	DS/R Danish standards, repealed
EC	Electrochemical detection
ECD	Electron Capture Detector
EPA	Environmental Protection Agency
FID	Flame Ionization Detector
FLD	Fluorescence Detector
HRGC-HRMS	High Resolution Gas Chromatography with High Resolution Mass Spectrometry detector
HRGC-MS/MS	High Resolution Gas Chromatography with tandem Mass Spectrometry detector
I	Mass activity index
IC	Ion Chromatography
ID	Indicative dose
IFA	Institut fur Arbeitsschutz der (Institute for Occupational Safety and Health)
IP	International Petroleum test method
IR	Infrared Region Detector
ISE	Ion Selective Electrode
ISO	International Organization for Standardisation
ITP	Isotachophoresis
JIS	Japanese Industrial Standard
LDN	Labor Diagnostika Nord GmbH & Co.KG
LSC	Liquid Scintillation Counting method for the determination of alpha- or beta-radiation emittingradionuclides
LMBG	Lebensmittel- und Bedarfsgegenständegesetz (German Food and Commodities Act)
MADEP	Massachusetts Department of Environmental Protection
MTA / MA	Métodos de toma de muestras y análisis /Métodos ambientales (Sampling and analysis methods / Environmental methods)

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MS	Mass Detector
MUFA	Monounsaturated Fatty Acids
NEN	Nederlands Normalisatie-Institut
NIOSH	National Institute for Occupation Safety and Health
NMR	Nuclear Magnetic Resonance
NV	Government Decree
OECD	Organisation for Economic Co-Operation and Development
ÖNORM	Österreichisches Normungsinstitut (Austrian Standards Institute)
OSHA	Occupational Safety and Health Administration
PBB	Polybrominated biphenyls
PhEur	European Pharmacopoeia
PCB	Polychlorinated Biphenyls
PCN	Polychlorinated naphthalenes
PDA	Photo-Diode-Array Detector
PUFA	Polyunsaturated Fatty Acids
PUR foams	Polyurethane foams
RBCA	Risk Based Corrective Action
RI	Refractometric Detector
SAFA	Saturated Fatty Acids
SEM/EDS	Scanning Electron Microscope / Energy Dispersive Spectrometer
SFS	The Finish Standard Association
SM	Standard Methods – Standard US methods for the analysis of drinking and wastewater prepared and issued by American Public Health Association, American Water Works Association and Water Environmental Federation, 21st edition
SOP	Standard operating procedure
SPIMFAB	SPI MILJOSANERINGSFOND AB – method of Swedish Petroleum Institute
SPMD	Semi-Permeable Membrane Device
SS	Svensk Standard – Swedish standard
STN	Slovak Technical Standard
SÚJB	State Office for Nuclear Safety
Suma Ca+Mg	Water hardness
TCD	Thermal Conductivity Detector
TEQ	Toxic Equivalent
TFA	Trans Fatty Acids
TNI	Technical Standardization Information
TNRCC	Texas Natural Resource Conservation Commission
TNV	Branch Technical Standard of Water Management
USBSC	Empirical formula of permeability of mixed materials, coefficient of permeability was extracted fromgranulometry analysis
US EPA	U.S. Environmental Protection Agency
USP	US Pharmacopoeia
UV	Ultraviolet Detector

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VDI	Verein Deutscher Ingenieure (Association of German Engineers)
VFC	Volatile fluorocarbons
VHC	Volatile hydrocarbons

"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. "