

**The Appendix is an integral part of
Certificate of Accreditation No. 226/2023 of 05/05/2023**

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

Povodí Labe, státní podnik

CAB number 1264, Water Management Laboratories Department, Hradec Králové Laboratory
Víta Nejedlého 951/8, Slezské Předměstí, 500 03 Hradec Králové

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

The current list of activities carried out within the flexible scope is publicly available (e.g. on the laboratory's website www.pla.cz) in the form „List of activities within the flexible scope of accreditation“.

The laboratory provides opinions and interprets test results.

The laboratory is qualified to carry out independent sampling.

Tests:

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
1	Determination of anions by capillary isotachopheresis (ITP)	AA02A (STN 75 7430)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
2	Determination of silicate by spectrophotometry	AA09A (ČSN 75 7481)	Drinking, surface, ground, waste and process water, extracts	A, C, D
3	Determination of ammonium by Control Flow Analysis (CFA)	AA12A (ČSN EN ISO 11732)	Drinking, surface, ground, waste, bathing, process water and extracts	A, C, D
4	Determination of phosphate and total phosphorus by Control Flow Analysis (CFA)	AA13A (ČSN EN ISO 6878; ČSN EN ISO 15681-2)	Drinking, surface, ground, waste and process water, extracts	A, C, D
5	Determination of nitrite, nitrate and total nitrogen by Control Flow Analysis (CFA) and calculation of inorganic and organic nitrogen from measured values	AA14A (ČSN ISO 29441; ČSN EN ISO 11905-1; ČSN EN ISO 13395)	Drinking, surface, ground, waste, bathing, process water and extracts	A, C, D
6	Determination of chloride by Control Flow Analysis (CFA)	AA16A (ČSN EN ISO 15682)	Drinking, surface, ground, waste and process water, extracts	A, C, D
7	Determination of sulphide by spectrophotometry	AA18A (ČSN ISO 10530)	Drinking, surface, ground, waste and process water, extracts	A, C, D
8	Determination of free and total chlorine by spectrophotometry (Hach commercial set)	AA19A (ČSN ISO 7393-2)	Drinking, surface, ground, waste, bathing and process water	A, C, D

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Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Subject of the test	Degrees of freedom³
9	Determination of anions by ion chromatography	AA20A (ČSN EN ISO 10304-1)	Drinking and surface, ground, waste and process water, extracts	A, B, C, D
10	Determination of total and dissolved organic carbon (TOC, DOC) - TOC analyzer	AS01A (ČSN EN 1484)	Drinking, surface, ground, waste, bathing, process water and extracts	A, C, D
11	Determination of total organic carbon (TOC) - TOC analyzer	AS01B (ČSN EN 13137)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, C, D
12	Determination of adsorbable organically bound halogens (AOX) by coulometry	AS02A (ČSN EN ISO 9562)	Drinking, surface, ground, waste and process water, extracts	A, C, D
13	Determination of adsorbable organically bound halogens (AOX) by coulometry	AS02B (DIN 38414S/18)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, C, D
14	Determination of nonpolar extractives (NEL) and extractives (EL) - FTIR	AS03A (ČSN 75 7505; ČSN 75 7506)	Drinking, surface, ground, waste and process water, extracts	A, C, D
15	Determination of nonpolar extractives (NEL) and extractives (EL) - FTIR	AS03B (TNV 75 8052)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, C, D
16	Determination of anionic surfactants by spectrophotometry	AS04A (ČSN EN 903)	Drinking, surface, ground, waste and process water, extracts	A, C, D
17	Determination of univalent phenols by spectrophotometry	AS05A (ČSN 83 0530-33)	Drinking, surface, ground, waste and process water, extracts	A, C, D
18	Determination of total cyanide by spectrophotometry	AS06A (ČSN 75 7415)	Drinking, surface, ground, waste and process water, extracts	A, C, D
19	Determination of easily liberatable cyanides by spectrophotometry	AS07A (ČSN ISO 6703-2)	Drinking, surface, ground, waste and process water, extracts	A, C, D
20	Determination of chemical oxygen demand using dichromate by titration	AS08A (ČSN ISO 6060)	Drinking, surface, ground, waste and process water, extracts	A, C, D

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Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Subject of the test	Degrees of freedom³
21	Determination of chemical oxygen demand using permanganate by titration	AS09A (ČSN EN ISO 8467)	Drinking, surface, ground, waste, bathing and process water	A, C, D
22	Determination of biochemical oxygen demand - electrochemical method	AS10A (ČSN EN 1899-1; ČSN EN 1899-2)	Drinking, surface, ground, waste and process water, extracts	A, C, D
23	Determination of chemical oxygen demand using dichromate by spectrophotometry	AS11A (ČSN ISO 15705)	Drinking, surface, ground, waste and process water, extracts	A, C, D
24	Determination of fat content by gravimetry	AS20C (ČSN EN 1528-2)	Animal and vegetable materials	A, C, D
25	Determination of pH by potentiometry	AZ01A (ČSN ISO 10523)	Drinking, surface, ground, waste, bathing, process water and extracts	A, C, D
26	Determination of acid neutralizing capacity (ANC) by titration and calculation of CO ₂ forms from measured values	AZ02A (ČSN EN ISO 9963-1; ČSN 75 7373)	Drinking, surface, ground, waste and process water	A, C, D
27	Determination of base neutralizing capacity (BNC) by titration	AZ03A (ČSN 75 7372)	Drinking, surface, ground, waste and process water	A, C, D
28	Determination of electrical conductivity by conductometry	AZ04A (ČSN EN 27888)	Drinking, surface, ground, waste and process water, extracts	A, C, D
29	Determination of dissolved and suspended solids, dissolved inorganic salts by gravimetry	AZ05A (ČSN 75 7346; ČSN EN 872; ČSN 75 7347)	Drinking, surface, ground, waste and process water, extracts	A, C, D
30	Determination of turbidity by turbidimetry	AZ06A- method 1 (ČSN EN ISO 7027-1)	Drinking, surface, ground, waste, bathing and process water	A, C, D
31	Determination of turbidity by nephelometry	AZ06A – method 2 (ČSN EN ISO 7027-1)	Drinking, surface, ground, waste, bathing and process water	A, C, D
32	Determination of absorbance by spectrophotometry	AZ07A (ČSN 75 7360)	Drinking, surface, ground, waste and process water, extracts	A, C, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
33	Determination of dissolved oxygen by electrochemical probe and oxygen saturation	AZ08A (ČSN EN 25814)	Drinking, surface, ground, waste and process water	A, C, D
34	Determination of colour by spectrophotometry	AZ10A (ČSN EN ISO 7887)	Drinking, surface, ground, waste and process water	A, C, D
35	Determination of dry matter and loss of ignition by gravimetry	AZ14B (ČSN EN 12879; ČSN EN 12880)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, C, D
36	Determination of dry matter and loss of ignition by gravimetry	AZ14C (ČSN EN 12879; ČSN EN 12880)	Animal and vegetable materials	A, C, D
37	Determination of temperature	AZ15A (ČSN 75 7342)	Drinking, surface, ground, waste and process water	A, C, D
38	Determination of skeletal content by gravimetry	AZ19B – method 1 (Regulation No. 257/2009 Coll.)	Sediments	D
39	Determination of skeletal content by volumetry	AZ19B – method 2 (Regulation No. 257/2009 Coll.)	Sediments	D
40	Determination of metals (Na, K) (AES)	AK02A (ČSN ISO 9964-3)	Drinking, surface, ground, waste and process water, extracts	A, C, D
41	Determination of mercury (single-purpose analyzer)	AK05A (ČSN 75 7440)	Drinking, surface, ground, waste and process water, extracts	A, C, D
42	Determination of mercury (single-purpose analyzer)	AK05B (ČSN 75 7440)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste, passive sampler capturing medium	A, C, D
43	Determination of mercury (single-purpose analyzer)	AK05C (ČSN 75 7440)	Animal and vegetable materials	A, C, D
44	Determination of chromium (VI) by spectrophotometry	AK06A (ČSN ISO 18412)	Drinking, surface, ground, waste and process water, extracts	A, C, D

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Ordinal number¹	Test procedure / method name	Test procedure / method identification²	Subject of the test	Degrees of freedom³
45	Determination of metals and phosphorus (ICP/OES) and calculation of total mineralisation from measured values	AK12A (ČSN EN ISO 11885; ČSN 75 7358)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
46	Determination of metals and phosphorus (ICP/OES)	AK12B (DIN 38406 – E22)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste, passive sampler capturing medium	A, B, C, D
47	Determination of mercury (Mercur single-purpose analyzer)	AK17A (ČSN 75 7440)	Drinking, surface, ground, waste and process water, extracts	A, C, D
48	Determination of metals (ICP/MS-Quadrupole)	AK18A (ČSN EN ISO 17294-1.2)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
49	Determination of metals (ICP/MS-Quadrupole)	AK18B (ČSN EN ISO 17294-1.2; ČSN EN 16171)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste, passive sampler capturing medium	A, B, C, D
50	Determination of volatile organic compounds (GC/MSD) and calculation of the sum of volatile organic compounds from the measured values	AO02A (ČSN EN ISO 15680; ČSN 75 7550; ČSN EN ISO 10301)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
51	Determination of volatile organic compounds (GC/MSD) and calculation of the sum of volatile organic compounds from the measured values	AO02B (EPA 8260; TNV 75 7552)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, B, C, D
52	Determination of polychlorinated biphenyls (PCB), organochlorine pesticides (OCP) (GC/MSD, ECD) and calculation of the sum of PCB and pesticides from the measured values	AO03A (ČSN EN ISO 6468)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
53	Determination of polychlorinated biphenyls (PCB) and organochlorine pesticides (OCP) (GC/MSD, ECD) and calculation of the sum of PCB and pesticides from the measured values	AO03B (EPA 8080; ČSN EN 16167)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, B, C, D
54	Determination of polychlorinated biphenyls (PCB) and organochlorine pesticides (OCP) (GC/MSD, ECD) and calculation of the sum of PCB and pesticides from the measured values	AO03C (EPA 8080)	Animal and vegetable materials	A, B, C, D
55	Determination of phenols and chlorophenols (GC/MSD) and calculation of the sum of phenols and chlorophenols from the measured values	AO04A (ČSN EN 12673)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
56	Determination of phenols and chlorophenols (GC/MSD) and calculation of the sum of phenols and chlorophenols from the measured values	AO04B (EPA 8041.A)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste, dialysate from passive sampler	A, B, C, D
57	Determination of phenols and chlorophenols (GC/MSD) and calculation of the sum of phenols and chlorophenols from the measured values	AO04C (EPA 8041.A)	Animal and vegetable materials	A, B, C, D
58	Determination of polycyclic aromatic hydrocarbons (HPLC/FD) and calculation of the sum of polycyclic aromatic hydrocarbons from the measured values	AO05A (ČSN EN ISO 17993; ČSN 75 7554)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
59	Determination of polycyclic aromatic hydrocarbons (HPLC/FD) and calculation of the sum of polycyclic aromatic hydrocarbons from the measured values	AO05B (ČSN EN 16181; EPA 8310)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, B, C, D

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60	Determination of polycyclic aromatic hydrocarbons (HPLC/FD) and calculation of the sum of polycyclic aromatic hydrocarbons from the measured values	AO05C (EPA 8310)	Animal and vegetable materials	A, B, C, D
61	Determination of N and P pesticides (GC/MSD) and calculation of the sum of pesticides from the measured values	AO06A (ČSN EN ISO 10695)	Drinking, surface, ground, waste, process and sea water, extracts	A, B, C, D
62	Determination of nitroaromatics and anilines (GC/MSD) and calculation of the sum of nitroaromatics and anilines from the measured values	AO09A (EPA 8270; EPA 609)	Drinking, surface, ground, waste, process and sea water, extracts	A, B, C, D
63	Determination of nitroaromatics and anilines (GC/MSD) and calculation of the sum of nitroaromatics and anilines from the measured values	AO09B (EPA 8270, EPA 609)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, B, C, D
64	Determination of aminopolycarboxylic acids (EDTA, NTA, PDTA) (GC/NPD)	AO11A (ČSN EN ISO 16588)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
65	Determination of hydrocarbons C ₁₀ to C ₄₀ (GC/FID)	AO14A (ČSN EN ISO 9377-2)	Drinking, surface, ground, waste and process water, extracts	A, C, D
66	Determination of the content of hydrocarbons C ₁₀ to C ₄₀ (GC/FID)	AO14B (ČSN EN 14039; ČSN EN ISO 16703)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste, dialysate from passive sampler	A, C, D
67	Determination of pesticides and pharmaceuticals (LC/MS/MS) and calculation of the sum of pesticides and pharmaceuticals from the measured values	AO17A (ČSN ISO 25101; ČSN EN 15637; EPA 1694; EPA 535; EPA 536;	Drinking, surface, ground and waste water	A, B, C, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
		EPA 539)		
68	Determination of pesticides and pharmaceuticals (LC/MS/MS) and calculation of the sum of pesticides and pharmaceuticals from the measured values	AO17B (ČSN EN 15637; EPA 1694)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste, eluate from passive sampler	A, B, C, D
69	Determination of pesticides and pharmaceuticals (LC/MS/MS) and calculation of the sum of pesticides and pharmaceuticals from the measured values	AO17C (ČSN EN 15637; EPA 1694)	Animal and vegetable materials	A, B, C, D
70	Determination of polychlorinated biphenyls (PCB), organochlorine pesticides (OCP), polybrominated diphenyl ethers (PBDE), bis(2-diethylhexyl)phthalate (DEHP), musk substances, pyrethroids and chlorinated alkanes C ₁₀ to C ₁₃ and C ₁₄ to C ₁₇ (GC/MS/MS, GC/EI-MSD, GC/NCI-MSD) and calculation of the sum of pesticides and other groups of substances from the measured values	AO18A (ČSN EN ISO 6468; ČSN EN ISO 18856; ISO 12010)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
71	Determination of polychlorinated biphenyls (PCB), organochlorine pesticides (OCP), polybrominated diphenyl ethers (PBDE), bis(2-diethylhexyl)phthalate (DEHP), musk substances, pyrethroids and chlorinated alkanes C ₁₀ to C ₁₃ and C ₁₄ to C ₁₇ (GC/MS/MS, GC/EI-MSD, GC/NCI-MSD) and calculation of the sum of pesticides and other groups	AO18B (ČSN EN ISO 18856; ČSN EN ISO 22032; ČSN EN 16167; ČSN EN ISO 18635)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste, dialysate from passive sampler	A, B, C, D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
	of substances from the measured values			
72	Determination of polychlorinated biphenyls (PCB), organochlorine pesticides (OCP), polybrominated diphenyl ethers (PBDE), bis(2-diethylhexyl)phthalate (DEHP), musk substances, pyrethroids and chlorinated alkanes C ₁₀ to C ₁₃ and C ₁₄ to C ₁₇ (GC/MS/MS, GC/EI-MSD, GC/NCI-MSD) and calculation of the sum of pesticides and other groups of substances from the measured values	AO18C (ČSN EN ISO 18856; EN ISO 22032; ISO 12010)	Animal and vegetable materials	A, B, C, D
73	Determination of organotin compounds (GC/MSD) and calculation of the sum of organotin compounds from the measured values	AO19A (ČSN EN ISO 17353)	Drinking, surface, ground, waste, process and sea water, extracts	A, B, C, D
74	Determination of organotin compounds (GC/MSD) and calculation of the sum of organotin compounds from the measured values	AO19B (ČSN EN ISO 23161)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste, dialysate from passive sampler	A, B, C, D
75	Determination of organotin compounds (GC/MSD) and calculation of the sum of organotin compounds from the measured values	AO19C (ČSN EN ISO 23161)	Animal and vegetable materials	A, B, C, D
76	Determination of paraquat and diquat (LC/MS/MS) and calculation of the sum of pesticides from the measured values	AO20A (LCGC Eur. 2004, 17(11a), p. 51-52)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D

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77	Determination of paraquat and diquat (LC/MS/MS) and calculation of the sum of pesticides from the measured values	AO20B (J. Chromatogr. A, 1196-1197, 2008, p. 110-116)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, B, C, D
78	Determination of paraquat and diquat (LC/MS/MS) and calculation of the sum of pesticides from the measured values	AO20C (J. Chromatogr. A, 1196-1197, 2008, p. 110-116)	Animal and vegetable materials	A, B, C, D
79	Determination of glyphosate, glufosinate and (aminomethyl)phosphonic acid (AMPA) (LC/MS/MS) and calculation of the sum of pesticides from the measured values	AO21A (ČSN ISO 21458; Anal. Bioanal. Chem., 391, 2008, p. 2265-2276; J. Chromatogr. A, 1081, 2005, p. 145-155)	Drinking, surface, ground, waste and process water, extracts	A, B, C, D
80	Determination of glyphosate and (aminomethyl)phosphonic acid (AMPA) (LC/MS/MS) and calculation of the sum of pesticides from the measured values	AO21B (ČSN ISO 21458; J. Chromatogr. A, 1081, 2005, p. 145-155)	Soils, sediments, sludge, suspended solids, sedimentable suspended solids, solid waste	A, B, C, D
81	Determination of glyphosate and (aminomethyl)phosphonic acid (AMPA) (LC/MS/MS) and calculation of the sum of pesticides from the measured values	AO21C (J. Chromatogr. A, 1081, 2005, p. 145-155)	Animal and vegetable materials	A, B, C, D
82	Determination of gross alpha activity by scintillation method and calculation of the total indicative dose from the measured values	AR01A (ČSN 75 7611; SÚJB Recommendation "Measurement and evaluation of natural radionuclides in water supplied for public drinking water supply Rev. 1, SÚJB 2012)	Drinking, surface, ground, waste and process water, extracts	A, C, D

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83	Determination of gross beta activity by gas flow proportional detector	AR02A (ČSN 75 7612)	Drinking, surface, ground, waste and process water, extracts	A, C, D
84	Determination of volume activity of radium-226 and radon-222 by emanometric method	AR04A (ČSN 75 7623; ČSN 75 7624)	Drinking, surface, ground, waste and process water, extracts	A, C, D
85	Determination of bioseston, abioseston, phytoplankton and phytoplankton volume biomass by microscopy	BB01A (ČSN 75 7712; ČSN 75 7713; ČSN EN 15204; Heteša, J., Marvan, P.: Method for the sampling and processing of flowing water phytoplankton samples, VÚV, 2006)	Drinking, surface, raw and treated water	B, C, D
86	Determination of saprobic index	BB02A (ČSN 75 7716)	Populations of water organisms	D
87	Determination of the concentration of chlorophyll-a and its decomposition products by spectrophotometry	BB03A (ČSN ISO 10260)	Surface water	A, B, C, D
88	Determination of the concentration of chlorophyll-a and its decomposition products by fluorometry	BB07A (EPA 445.0, 1997)	Surface water	A, B, C, D
89	Determination of living and dead autotrophic organisms by epifluorescence	BB09A (ČSN 75 7712)	Drinking, raw and treated water	D
90	Determination of biomass (dry matter) of zooplankton by gravimetry	BB11A (ČSN 75 7346; Straškraba, M. et al.: Methodology of monitoring and evaluation of water quality of water reservoirs, HBÚ ČSAV, 1992)	Surface water	D
91	Determination of volume biomass of autotrophic organisms microscopically by image analysis	BB12A (Manual LUCIA, version 4.6 and NIS-Elements, version 3.2x)	Surface water	D

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92	Microscopical analysis and biological evaluation of activated sludge	BB13B (Technical Recommendation II-E-22, Hydroprojekt, 2003)	activated sludge	D
93	Determination of planktonic cyanobacteria by microscopy	BB15A (ČSN 75 7717)	Surface, raw and treated water, suspended sediments	A, D
94	Scanning electron microscopy imaging of microscopic objects and the use of high magnification to identify selected groups of organisms in phytoplankton and phytobenthos samples	BB16A (Phenom user manual)	Surface, ground, drinking, waste and process water	D
95	Scanning electron microscopy imaging of microscopic objects and the use of high magnification to identify selected groups of organisms	BB16B (Phenom user manual)	Sediments, soils, solid waste	D
96	Acute toxicity test – determination of the inhibition of the mobility of <i>Daphnia magna Straus</i>	BE02A (ČSN EN ISO 6341)	Drinking, surface, ground, waste and process water, extracts, chemicals	D
97	Acute toxicity test – <i>Sinapis alba</i> root growth inhibition test	BE03A (Guideline No. 8, MoE CR Bulletin, XVII, No. 4/2007)	Drinking, surface, ground, waste and process water, extracts, chemicals	D
98	Acute toxicity test – Fresh water algal <i>Desmodesmus subspicatus</i> growth inhibition test	BE04A (ČSN EN ISO 8692)	Drinking, surface, ground, waste and process water, extracts, chemicals	D
99	Acute toxicity test – Luminescent bacteria test	BE06A (ČSN EN ISO 11348-3)	Drinking, surface, ground, waste and process water, extracts, chemicals	D
100	Detection and enumeration of coliform and thermotolerant coliform bacteria by membrane filtration method	BM01A (ČSN 75 7835; ČSN 75 7837)	Drinking, surface, ground, waste and process water	D

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Povodí Labe, státní podnik

CAB number 1264, Water Management Laboratories Department, Hradec Králové Laboratory
Víta Nejedlého 951/8, Slezské Předměstí, 500 03 Hradec Králové

Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
101	Detection and enumeration of coliform and thermotolerant coliform bacteria by direct plating method	BM02A (ČSN 75 7835; ČSN 75 7837)	Water: surface, ground and waste	D
102	Determination of thermotolerant coliform bacteria by membrane filtration method	BM02B (ČSN 75 7835; Matějů, L.: Method for the determination of indicator organisms, AHEM 1/2008)	Sludge, sediments and biowaste	D
103	Detection and enumeration of intestinal enterococci by membrane filtration method	BM05A (ČSN EN ISO 7899-2)	Drinking, surface, ground, waste and process water	D
104	Detection and enumeration of intestinal enterococci by membrane filtration method	BM05B (ČSN EN ISO 7899-2; Matějů, L.: Method for the determination of indicator organisms, AHEM 1/2008)	Sludge, sediments and biowaste	D
105	Determination of <i>Escherichia coli</i> , identification and quantitative determination using fluorogenic substrate by membrane filtration method	BM09A (ČSN 75 7835)	Drinking, surface, ground, waste and process water	D
106	Detection of <i>Salmonella</i> by culture	BM10A (ČSN ISO 19250)	Drinking, surface, ground, waste and process water	D
107	Detection and enumeration of the spores of sulfite-reducing anaerobes (clostridia) by membrane filtration method	BM11A (ČSN EN 26461-2)	Drinking, surface, ground, waste and process water	D
108	Detection and enumeration of <i>Clostridium perfringens</i> by membrane filtration method	BM12A (Regulation No. 252/2004 Coll. Annex No. 6)	Drinking, surface and ground water	D
109	Detection and enumeration of <i>Pseudomonas aeruginosa</i> by membrane filtration method	BM13A (ČSN EN ISO 16266)	Drinking, bottled, process and pool water	D
110	Detection and enumeration of <i>Escherichia coli</i> and coliform bacteria by membrane filtration method	BM14A (ČSN EN ISO 9308-1)	Drinking, ground and process water	D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
111	Enumeration of culturable microorganisms at 22 °C and 36 °C by direct inoculation into agar medium	BM15A (ČSN EN ISO 6222)	Drinking, surface, ground and process water	D
112	Detection and enumeration of coliform bacteria and <i>Escherichia coli</i> by Colilert-18 Quanti-Tray method	BM16A (ČSN EN ISO 9308-2)	Drinking, surface, ground and process water	D
113	Determination of intestinal enterococci by Enterolert-E Quanti-Tray method	BM19A (Manual, IDEXX-Quanti-Tray/2000)	Drinking, surface, ground and process water	D
114	Method for the enumeration of coagulase-positive staphylococci by membrane filtration method	BM20A (ČSN EN ISO 6888-1)	Drinking, surface, ground and process water	D
115	Detection and enumeration of <i>Clostridium perfringens</i> by membrane filtration method	BM22A (ČSN EN ISO 14189)	Drinking, ground, surface and process water	D
116	Determination of the growth community microscopically	BT08A (ČSN 75 7715)	Surface, waste and process water	D
117*	Monitoring the macrophyte community of water bodies of the river category	BT11A (ČSN EN 14184; Grulich, V., Vydrová, A.: Method for the sampling and processing of flowing water macrophytes, VÚV, 2006)	Flowing surface water	D
118*	Determination of the phytoplankton community in the counting chamber	BT12A (ČSN EN 15204; Komárková, J.: Method for the sampling and processing of standing water phytoplankton samples, VÚV, 2006)	Standing surface water	D
119*	Monitoring the macrophyte community of water bodies of the lake category	BT16A (Chocholoušková, Z., Duras, J., Kučera, T.: Method for the sampling and processing of standing water macrophytes, VÚV, 2009)	Standing surface water	D

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Ordinal number ¹	Test procedure / method name	Test procedure / method identification ²	Subject of the test	Degrees of freedom ³
120*	Determination of the macrozoobenthos community of water bodies of the river and lake category	BT21A (ČSN 75 7701; ČSN 75 7714; ČSN EN ISO 10870; Kokeš, J., Němejcová, D.: Method for the sampling and processing of flowing water macrozoobenthos by PERLA method, VÚV, 2006; Němejcová, D. et al.: Methodology for sampling and processing of macrozoobenthos of large non-wadeable rivers, VÚV, 2013; Adámek, Z.: Method for the sampling and processing of standing water macrozoobenthos samples, VÚV, 2006)	Surface water	D
121*	Determination of the phytobenthos community of water bodies of the river and lake category	BT22A (ČSN EN 13946; ČSN EN 14407; ČSN 75 7715; Marvan, P., Heteša, J.: Method for the sampling and processing of flowing water phytobenthos samples, VÚV, 2006; Marvan, P., Kozáková, M.: Method for the sampling and processing of standing water phytobenthos samples, VÚV, 2006)	Surface water	D
122*	Determination of the zooplankton community of water bodies of the lake category	BT23A (ČSN EN 15110; Přikryl, I.: Method for the sampling and processing of standing water zooplankton samples, VÚV, 2006)	Surface water	D

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- ¹ asterisk at the ordinal number identifies the tests, which the laboratory is qualified to carry out outside the permanent laboratory premises
- ² if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest edition of the specified procedure is used (including any changes)
- ³ degrees of freedom: A – Flexibility concerning materials/products (subject of the test), B – Flexibility concerning components/parameters/characteristics, C – Flexibility concerning the performance of the method, D – Flexibility concerning the method

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

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1	SO ₄ , F
9	F, Cl, NO ₂ , NO ₃ , PO ₄ , SO ₄
45	Al, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Na, Ni, Pb, Sr, Ti, V, Zn, P
46	Al, B, Ba, Ca, Cd, Co, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, Pb, V, Zn, P
48	Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Li, Mg, Mn, Mo, Ni, Pb, Se, Sb, Sn, Sr, Ti, Tl, U, V, Zn
49	Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Mg, Mn, Mo, Ni, P, Pb, Se, Sb, Sn, U, V, Zn.
50	Vinylchloride, carbon disulphide, dichloromethane, 1,1-dichloroethylene, c-1,2-dichloroethylene, t-1,2-dichloroethylene, trichloromethane, 1,2-dichloroethane, tetrachloromethane, benzene, trichloroethylene, toluene, tetrachloroethylene, ethylbenzene, styrene, 1,3/1,4-xylene, 1,2-xylene, chlorobenzene, 2-chlorotoluene, 4-chlorotoluene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, 1,3,5-trichlorobenzene, naphthalene, 2-methylnaphthalene, 1-methyl-naphthalene, 1-chloro-naphthalene, 2-chloro-naphthalene, hexachlorobutadiene, bromodichloromethane, dibromochloromethane, tribromomethane, izopropylbenzene, methyl-terc-butylether, hexachloroethane, acetone, ethyl acetate, tetrahydrofuran, diethyl ether, aliph. >C ₅ -C ₈ , aliph. >C ₈ -C ₁₀ .
51	c-1,2-DCE, t-1,2-DCE, trichloromethane, 1,2-DCEt, benzene, tetrachloromethane, trichloroethylene, toluene, tetrachloroethylene, chlorobenzene, ethylbenzene, 1,3/1,4-X, 1,2-X, 2-chlorotoluene, 4-chlorotoluene, 1,4-DCB, 1,3-DCB, 1,2-DCB, 1,2,4-TCB, 1,2,3-TCB, 1,3,5-TCB, naphthalene, hexachlorobutadiene, aliph. >C ₅ -C ₈ , aliph. >C ₈ -C ₁₀ .
52	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, PCB194, α-HCH, HCB, β-HCH, γ-HCH, δ-HCH, ε-HCH, o,p'-DDE, p,p'-DDE, o,p'-DDD, p,p'-DDD, o,p'-DDT, p,p'-DDT, heptachlor, methoxychlor, α-endosulfan, β-endosulfan, PBDE-28, PBDE-47, PBDE-99, PBDE-100, PBDE153, PBDE-154, PBDE-209, musk ketone, musk xylene, galaxolide, tonalide-AHTN, DEHF, pentachlorobenzene, endrin, dieldrin, aldrin, isodrin, 1,2,4,5-tetrachlorobenzene.
53	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, PCB194, HCB, α-HCH, β-HCH, γ-HCH, δ-HCH, ε-HCH, o,p'-DDE, p,p'-DDE, o,p'-DDD, p,p'-DDD, o,p'-DDT, p,p'-DDT, heptachlor, methoxychlor, α-endosulfan, β-endosulfan, endrin, dieldrin, aldrin, isodrin, chlorpyrifos, trifluralin, pentachlorobenzene, octachlorostyrene, cis-heptachloroepoxide, trans-heptachloroepoxide, 1,3,5-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, 1,2,4,5-tetrachlorobenzene, hexachloro-butadiene (HCBd).
54	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, PCB194, HCB, α-HCH, β-HCH, γ-HCH, δ-HCH, ε-HCH, o,p'-DDE, p,p'-DDE, o,p'-DDD, p,p'-DDD, o,p'-DDT, p,p'-DDT, heptachlor, methoxychlor, α-endosulfan, β-endosulfan, endrin, dieldrin, aldrin, isodrin, chlorpyrifos, trifluralin, pentachlorobenzene, octachlorostyrene, cis-

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	heptachloroepoxide, trans-heptachloroepoxide, 1,3,5-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, 1,2,4,5-tetrachlorobenzene, hexachloro-butadiene (HCBD).
55	Phenol, p-cresol, m-cresol, o-cresol, 2-CF, 3-CF, 4-CF, 2,6-DCF, 2,4+2,5-DCF, 3,5-DCF, 2,3-DCF, 3,4-DCF, 2,4,6-TCF, 2,3,6-TCF, 2,4,5-TCF, 2,3,5,6-TTCF, 2,3,4,6-TTCF, 2,3,4,5-TTCF, α -naphthol, β -naphthol, PCF, 4-chloro-3-methylphenol, 2,4-dimethylphenol, 4-n-nonylphenol, 4-tert.-octylphenol, 4-n-octylphenol, bisphenol A, nonylphenols, tetrabromobisphenol-A, triclosan, 4-chloro-2-methylphenol, 2,6-di-tert-butylphenol (2,6-DTBP), 2,6-dimethylphenol (2,6-DMF), 2,4, 6-tri-tert-butylphenol (2,4,6-TTBP), 4-(1,1-dimethylpropyl)-phenol, bisphenol F (BPF), bisphenol BP (BP-BP), bisphenol M (BPM), bisphenol P (BPP), bisphenol Z (BPZ), bisphenol TMC (BP-TMC).
56	Phenol, p-cresol, m-cresol, o-cresol, 2-CF, 3-CF, 4-CF, 2,6-DCF, 2,4+2,5-DCF, 3,5-DCF, 2,3-DCF, 3,4-DCF, 2,4,6-TCF, 2,3,6-TCF, 2,4,5-TCF, 2,3,5,6-TTCF, 2,3,4,6-TTCF, 2,3,4,5-TTCF, α -naphthol, β -naphthol, PCF, 4-chloro-3-methylphenol, 2,4-dimethylphenol, 4-tert.-octylphenol, 4-n-octylphenol, bisphenol A, nonylphenols, 4-n-nonylphenol, tetrabromobisphenol-A, triclosan, 4-chloro-2-methylphenol, 2,6-di-tert-butylphenol (2,6-DTBP), 2,6-dimethylphenol (2,6-DMF), 2,4, 6-tri-tert-butylphenol (2,4,6-TTBP), 4-(1,1-dimethylpropyl)-phenol, bisphenol F (BPF), bisphenol BP (BP-BP), bisphenol M (BPM), bisphenol P (BPP), bisphenol Z (BPZ), bisphenol TMC (BP-TMC).
57	Phenol, p-cresol, m-cresol, o-cresol, 2-CF, 3-CF, 4-CF, 2,6-DCF, 2,4+2,5-DCF, 3,5-DCF, 2,3-DCF, 3,4-DCF, 2,4,6-TCF, 2,3,6-TCF, 2,4,5-TCF, 2,3,5,6-TTCF, 2,3,4,6-TTCF, 2,3,4,5-TTCF, α -naphthol, β -naphthol, PCF, 4-chloro-3-methylphenol, 2,4-dimethylphenol, 4-tert.-octylphenol, 4-n-octylphenol, bisphenol A, nonylphenols, 4-n-nonylphenol, tetrabromobisphenol-A, triclosan, 4-chloro-2-methylphenol, 2,6-di-tert-butylphenol (2,6-DTBP), 2,6-dimethylphenol (2,6-DMF), 2,4, 6-tri-tert-butylphenol (2,4,6-TTBP), 4-(1,1-dimethylpropyl)-phenol, bisphenol F (BPF), bisphenol BP (BP-BP), bisphenol M (BPM), bisphenol P (BPP), bisphenol Z (BPZ), bisphenol TMC (BP-TMC).
58	Naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo/a/anthracene, chrysene, benzo/b/fluoranthene, benzo/k/fluoranthene, benzo/a/pyrene, dibenzo/a,h/anthracene, benzo/ghi/perylene, indeno/cd/pyrene
59	Naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo/a/anthracene, chrysene, benzo/b/fluoranthene, benzo/k/fluoranthene, benzo/a/pyrene, dibenzo/a,h/anthracene, benzo/ghi/perylene, indeno/cd/pyrene
60	Naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo/a/anthracene, chrysene, benzo/b/fluoranthene, benzo/k/fluoranthene, benzo/a/pyrene, dibenzo/a,h/anthracene, benzo/ghi/perylene, indeno/cd/pyrene
61	desisopropylatrazine, desethylatrazine, simazine, atrazine, propazine, terbuthylazine, sebuthylazine, ametryne, prometryne, terbutryne, cyanazine, desmetryne, trifluraline, acetochlor, alachlor, metolachlor, matazachlor, propachlor, pendimethalin, lenacil, hexazinon, chlorpyrifos, chlorpyrifos-methyl, chlorfenvinfos, parathion, dichlobenil, dimethoate, diazinon, naphthalene, bis(2-diethylhexyl)phthalate (DEHF), dimethachlor, metribuzin, fenpropidin, fenpropimorph, irgarol, quinoxifen (chinoxifen), picolinafen, malathion, <i>parathion-methyl</i> , parathion-ethyl, DEET, triclosan, triethylphosphate (TEP), triisobutylphosphate (TiBP), tributylphosphate (TBP), triphenylphosphate (TPP), tris(2-chloroethyl)-phosphate (TCEP), tris(2-butoxyethyl)phosphate (TBEP), tris(1-chloro-2-propyl)phosphate (TCPP), biphenyl, fenitrothion, fenthion, flusilazol, metalaxyl, dichlorvos, aclonifen, bifenox, dicloran.
62	Nitrobenzene, 2-nitrotoluene, 3-nitrotoluene, 4-nitrotoluene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, 1-chloro-3-nitrobenzene, 1-chloro-4-nitrobenzene, 1-chloro-2-nitrobenzene, 1-chloro-2,4-dinitrobenzene, 1,4-dichloro-2-dinitrobenzene, 2,4-dichloro-nitrobenzene, 1,3-dinitrobenzene, 1,2-dinitrobenzene, aniline, N-ethylaniline, N,N-diethylaniline, trimethylaniline, 2,4-dichloroaniline, 3,4-dichloroaniline, 2-ethylaniline, 2,5-dichlorotoluene, 2-

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	chloroaniline, ^{3/4} (sum of 3 and 4)-chloroaniline, 4-chloro-2-nitrotoluene, 2-chloro-4-nitrotoluene, 1,2-dichloro-4-nitrobenzene, 1,2-dichloro-3-nitrobenzene, 1-chloronaphthalene, 4-chloro-2-nitroaniline, bis(1,3-dichloro-2-propyl)ether, bis(2,3-dichloro-1-propyl)ether, 1,3-dichloro-2-propyl-2',3'-dichloro-1'-propylether, TCPE, 2-chloronaphthalene, 3-chloroaniline, 4-chloroaniline, benzidine, 3,3'-dichlorobenzidine, diphenylamine, pentachloroaniline.
63	Aniline, azobenzenes, benzidin, Bis-(2-chlorethoxy)methan, Bis-(1,3-dichlorpropyl)ether, Bis-(2,3-dichlorpropyl)ether, 1,3-dichlorpropyl-2,3-dichlorpropyl ether, 4-bromphenyl ether, 2-chloroaniline, 3-chloroaniline, 4-chloroaniline, 1-chloro-2,4-dinitrobenzene, 4-chlorphenyl ether, 4-chloro-3-methylphenol, 1-chloronaphthalene, 2-chloronaphthalene, 4-chloro-2-nitroaniline, 2-chloro-4-nitrotoluene, 4-chloro-2-nitrotoluene, DEET, diazinon, 3, 3'-dichlorobenzidine, 2,4-dichloroaniline, 3,4-dichloroaniline, 3,4-dichloro-nitrobenzene, 2,4-dinitrotoluene, 2,6-dinitrotoluene, N-ethylaniline, fenitrothion, phenyl ether, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, 2-methyl-4,6-dinitrophenol (DNOK), 2-nitroaniline, nitrobenzene, 2-nitrophenol, 4-nitrophenol, N-nitroso-di-N-propylamine, 2-nitrotoluene, 3-nitrotoluene, 4-nitrotoluene, tributylphosphate, trifluralin.
64	NTA, EDTA, 1,3-PDTA
65	aliph. >C ₁₀ -C ₁₂ , aliph. >C ₁₂ -C ₁₆ , aliph. >C ₁₆ -C ₂₁ , aliph. >C ₂₁ -C ₃₆ , aliph. >C ₃₆ >C ₄₀ , arom. >C ₁₀ -C ₁₂ , arom. >C ₁₂ -C ₁₆ , arom. >C ₁₆ -C ₂₁ , arom. >C ₂₁ -C ₃₆ .
66	aliph. >C ₁₀ -C ₁₂ , aliph. >C ₁₂ -C ₁₆ , aliph. >C ₁₆ -C ₂₁ , aliph. >C ₂₁ -C ₃₆ , aliph. >C ₃₆ >C ₄₀ , arom. >C ₁₀ -C ₁₂ , arom. >C ₁₂ -C ₁₆ , arom. >C ₁₆ -C ₂₁ , arom. >C ₂₁ -C ₃₆ .
67	4-acetamidoantipyrine, acetaminophen, acesulfame, acetamidrid, amoxicillin, azithromycin, acetochlor, acetochlor-ESA, acebutolol, allopurinol, amitriptyline, ampicillin, anthranilic acid, azoxystrobin acetochlor-OA, acetylsalicylic acid, acloniphene, alachlor, alachlor-ESA, alachlor-OA, aldicarb, ametryn, atenolol, aminopyralid, amitraz, atorvastatin, atraton, atrazine, atrazine-desethyl-desisopropyl, atrazine-2-hydroxy, avobenzon (butyl-methoxydibenzoylmethane), azoxystrobin o-demethyl, bentazone, benzophenone, buturon, benzotriazole, benzotriazole-methyl, betaxolol, bezafibrate, bisphenol A, bromacil, bromoxynil bifenoxy, boscalid, butachlor, butyl phosphate, carbamazepine, carbendazim, carbofuran, carboxin, cefazolin, cefotaxime, celecoxib, cetirizine, citalopram, clarithromycin, clethodim, cotinine, cyprodinil, cyproconazole, ciprofloxacin, clomazone, clopyralid, cyanazine, DCSA, decylbenzene sulfonate (LAS-C ₁₀), DEET, desethylatrazine, desisopropylatrazine, desmedipham, desmethylcitalopram, desmetryn, diatrizoate, diazinon, 2,6-dichlorobenzamide, dichlorimid, dimethachlor CGA 369873, dimethenamid, dimethenamid ESA, dimethenamid OA, desogestrel, dibutyl phosphate (DBP), dicamba, diclofenac, dichlorprop (2,4 -DP), dichlorvos, dimethachlor, dimethachlor ESA, dimethachlor OA, dimethoate, diuron, diaverdin, difenoconazole, diflufenican, dichlobenil, diltiazem, dimethomorph, dimoxystrobin, diuron-desmethyl, dodecafluoro-3H-4,8-dioxanonoate (ADONA), dodecylbenzenesulfonate (LAS-C ₁₂), dosulepin, doxycycline, enalapril, enrofloxacin, epoxiconazole, ethinylestradiol (EE2), ethofumesate, erythromycin, alpha-estradiol, beta-estradiol (E2), estriol (E3), estrone (E1), estrone-3-sulfate, famoxadone, fenarimol, fenbendazole, fenitrothion, fenofibrate, fexofenadine, fenuron, flusilazole, fenthion, fenhexamide, fipronil, fluaizifop, fluaizifop-p-butyl, flufenacet, flufenacet ESA, flufenacet OA, fluconazole, fluopicolide, fluoxetine, fluroxyppyr, FOSA, N-Methyl-FOSA, fenpropidine, fenpropimorph, foramsulfuron, gabapentin, gabapentin lactam, gemfibrozil, haloxyfop-methyl, alpha-hexabromocyclododecane, beta-hexabromocyclododecane, gamma-hexabromocyclododecane, hexazinone, hydrochlorothiazide, chloramphenicol, chlorbromuron, chlorfenvinphos, chloridazone, chloridazone-desphenyl, chloridazone-methyl-desphenyl, chlorpyrifos, chlorpyrifos-methyl, chloresulfuron, chlortetracycline, chlortoluron, chlortoluron-N-desmethyl, ibuprofen, imazalil, imazethapyr, imidacloprid, impramine, iodosulfuron-methyl, ipconazole, iprovalicarb, isoproturon-desmethyl (1-(4-isopropylphenyl)urea), indomethacin, iprodione, isoproturon-monodesmethyl, iohexol, iomeprol, iopamidol, iopromide, ivermectin, irbesartan, irgarol (cybutryn), isoproturon, ketoprofen, clindamycin, clofibrac acid, clothianidin, clotrimazole, kresoxim-methyl, caffeine, chloroacetic acid (MCAA), bromoacetic acid (MBAA), dichloroacetic acid (DCAA), trichloroacetic acid (TCAA), bromochloroacetic acid (BCAA), dibromoacetic acid (DBAA), bromodichloroacetic acid (BDCAA), chlorodibromoacetic acid (CDBAA), tribromoacetic acid (TBAA), lamotrigine, lansoprazole, levonorgestrel, lenacil, lidocaine, lincomycin, linuron, malathion, maprotiline, MCPA, MCPB, MCPP (mecoprop), medroxyprogesterone, MeFOSA, melamine, mepanipyrim, metformin, methamidophos, methidathion, methoxyfenozone, metribuzin-desamino, mefenpyr-diethyl, metaflumizone, methiocarb, metalaxyl, metamitron, metazachlor, metazachlor ESA, metazachlor OA, metconazole, methabenzthiazuron,

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

Povodí Labe, státní podnik

CAB number 1264, Water Management Laboratories Department, Hradec Králové Laboratory
Víta Nejedlého 951/8, Slezské Předměstí, 500 03 Hradec Králové

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	metobromuron, metolachlor, metolachlor-ESA, metolachlor-OA, metoprolol, methoxuron, metribuzin, METribuzin-diketo, metribuzin-desamino-diketo, miconazole, monensin, monolinuron, monuron, maproxen, napropamide, nicotine, nicosulfuron, norfloxacin, nortriptyline, ofloxacin, octocrylene, omeprazole, omethoate, oxacillin, oxadiazone, oxybenzone (benzophenone-3), oxypurinol, oxytetracycline, pendimethalin, penicillin G, penicillin V, penconazole, pentoxifylline, 2-perfluorohexyl ethanol (6:2 FTOH), perfluoro-2-methyl-3-oxahexanoate, 2-perfluorooctyl ethanol (8:2 FTOH), pethoxamid, pethoxamid ESA, PFHxS, PFNA, phosalone, phosphamidon, phorate, phthalylsulfathiazol, pirimicarb, pirimiphos methyl, propamocarb, propaquizafop, pyridate, PFBA, PFPeA, PFHxA, PFHxDA, PFHpA, PFNA, PFDA, PFUdA, PFDdA, PFTTrDA, PFTTeDA, PFBS, PFHxS, PFHpS, PFDS, PFOA, PFOA, PFODA, PFDS, PFOS, 1H,1H,2H,2H- PFOS (6:2-FTS), phenmedipham, phenazone, picolinafen, picloram, piperacillin, primidone, progesterone, prochloraz, prometryn, propachlor, propachlor-ESA, propachlor OA, propargite, propazine, propiconazole, propylphenazone, propylzamide, prosulfocarb, prothioconazole, pyraclostrobin, rimsulfuron, roxithromycin, quinmerac, quinoxifen (quinoxylene), salicylic acid, sebuthylazine, sertraline, simazine, simazine 2-hydroxy, sitagliptin, sotalol, spiroxamine, sulfachlorpyridazine, sulfaclozine, sulfadiazine, sulfadimethoxine, sulfadoxine, sulfamerazine, sulfamethazine, sulfamethoxazole, sulfamonomethoxine, sulfapyridine, sulfathiazole, sulfosulfuron, tebuconazole, telmisartan, terbuthylazine, terbuthylazine-desethyl, terbuthylazine-2-hydroxy, terbutryn, terbuthylazine-des-2-hydroxy, tiamulin, thiacloprid, thiophanate-methyl, triadimefon, triadimenol, triallate, triasulfuron, tribenuron-methyl, triclosan, trifloxystrobin, triticonazole, testosterone, tetracycline, tetraconazole, thiacloprid, thiamethoxam, thifensulfuron-methyl, torasemide, tramadol, trazodone, 1,2,4-triazole, tributyl phosphate (TBP), tridecylbenzenesulfonate (LAS-C ₁₃), triethyl phosphate (TEP), triphenyl phosphate (TPP), triflusulfuron-methyl, triisobutyl phosphate (TiBP), trimethoprim, trinexapac, tris-2-butoxyethyl phosphate (TBEP), tris(2-chloroethyl)phosphate (TCEP), tris(2-chloroisopropyl)phosphate (TCPP), tylosin, undecylbenzenesulfonate (LAS-C ₁₁), 2,4-D, 2,4-DB, 2,4,5-T, 1-(4-isopropylphenyl)urea, 3-phenoxybenzoic acid, 3-methyl-4-nitrophenol, N-chloroacetyl-2,6-diethylaniline, valsartan, valtersanic acid, venlafaxine, venlafaxine-O-desmethyl, verapamil, warfarin.
68	Acetaminophen, acetamidprid, acebutolol, acetochlor, acetochlor-ESA, acetochlor-OA, acloniphene, alachlor, alachlor-ESA, alachlor-OA, aldicarb, ametryn, N-chloroacetyl-2,6-diethylaniline, anthranilic acid, atenolol, atorvastatin, atratone, atrazine, atrazine-desethyl-desisopropyl, atrazine-2-hydroxy, azithromycin, azoxystrobin, bentazon, benzotriazole, benzotriazole-methyl, betaxolol, bifenox, boscalid, bromacil, bromoxynil, buturon, butyl phosphate, carbamazepine, carbendazim, carbofuran, carboxin, celecoxib, clomazon, cotinine, cyanazine, cyproconazole, DEET, desethylatrazine, desisopropylatrazine, desmedipham, desmetryn, diatrizoate, diazinon, dibutyl phosphate (DBP), diaverdin, difenoconazole, diflufenican, dichlobenil, diltiazem, dimethomorph, dimoxystrobin, diuron-desmethyl, dicamba, diclofenac, 2,6-dichlorobenzamide, dichlorprop (2,4-DP), dichlorvos, dimethachlor, dimethachlor-ESA, dimethoate, diuron, epoxyconazole, ethofumesate, enalapril, erythromycin, fenarimol, fenpropidine, fenpropimorph, fenitrothion, fenofibrate, 3-phenoxybenzoic acid, fenthion, fenuron, fenhexamide, fipronil, flusilazole, fluazifop, fluazifop-p-butyl, flufenacet, fluroxypyr, FOSA, MeFOSA, gabapentin, gemfibrozil, alpha-hexabromocyclododecane, beta-hexabromocyclododecane, gamma-hexabromocyclododecane, hexazinone, chloramphenicol, chlorobromuron, chlorfenvinphos, chloridazone, chloridazone-methyl-desphenyl, chlorpyrifos, chlorpyrifos-methyl, chlorsulfuron, chlorotoluron, chlorotoluron-N-desmethyl, ibuprofen, imazethapyr, indomethacin, iprodione, isoproturon-monodesmethyl, iohexol, iomeprol, iopamidol, iopromide, irgarol (cybutryn), isoproturon, ketoprofen, clarithromycin, clothianidin, caffeine, clofibrac acid, kresoxim-methyl, lansoprazole, levonorgestrel, lenacil, linuron, malathion, MCPA, MCPB, MCPP (mecoprop), medroxyprogesterone, mefenpyrdiethyl, mepanipyrim, metalaxyl, metamitron, metazachlor, metazachlor-ESA, metconazole, methabenzthiazuron, methamidophos, methidathion, methoxyfenozide, metribuzin-desamino, metobromuron, metolachlor, metolachlor-ESA, metolachlor-OA, metoprolol, methoxuron, metribuzin, monolinuron, monuron, napropamide, naproxen, nicotine, nicosulfuron, 3-methyl-4-nitrophenol, omeprazole, oxacillin, pethoxamide, PFHxS, PFNA, phenazon, phosalone, phosphamidon, phorate, pirimicarb, propamocarb, propaquizafop, pyridate, pendimethalin, pentoxifyllin, PFOA, PFOS, phenmedipham, picolinafen, primidon, prochloraz, prometryn, propachlor, propachlor ESA, propargit, propazin, propiconazol, propylphenazon, propylzamid, prosulfocarb, rimsulfuron, quinmerac, quinoxifen (chinoxifen), roxithromycin, sebuthylazin, simazine, simazine 2-hydroxy, sotalol, spiroxamine, sulfadiazine, sulfadimethoxine, sulfamerazine, sulfamethazine, sulfamethoxazole, sulfapyridine, sulfosulfuron, tebuconazole, terbuthylazine, terbuthylazine-des-2-hydroxy, terbuthylazine-desethyl, terbuthylazine-2-hydroxy, terbutryn, thiacloprid, tiamulin, thiamethoxam,

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Povodí Labe, státní podnik

CAB number 1264, Water Management Laboratories Department, Hradec Králové Laboratory
Víta Nejedlého 951/8, Slezské Předměstí, 500 03 Hradec Králové

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	thiophanate-methyl, thifensulfuron-methyl, tramadol, tributyl phosphate (TBP), triphenyl phosphate (TPP), triflusulfuron-methyl, trimethoprim, tris-2-butoxyethyl-phosphate (TBEP), triisobutyl phosphate (TiBP), tris(2-chloroethyl)phosphate (TCEP), tris(2-chloroisopropyl)phosphate (TCPP), tylosin, 2,4-D, 2,4,5-T, 2,4,5-TPbezafibratecyprodinil, triadimefon, triadimenol, triallate, triasulfuron, tribenuron-methyl, trifloxystrobin, trinexapac, triticonazole, 1-(4-isopropylphenyl)urea, verapamil, warfarin.
69	Acetochlor, alachlor, aldicarb, ametryn, atrazine, atrazine-2-hydroxy, bentazon, boscalid, butyl phosphate, carbamazepine, carbendazim, carbofuran, clomazone, cyanazine, desethylatrazine, desisopropylatrazine, desmedipham, desmetryn, diatrizoate, dibutyl phosphate, dichloroprop (2,4-DP), dichlorvos, dimetachlor, dimethoate, diuron, epoxiconazole, ethofumesate, fenpropidine, fenpropimorph, hexazinon, chlorobromuron, chlorfenvinphos, chloridazon, chlorpyrifos, chlorpyrifos-methyl, chlorsulfuron, chlortoluron, chlortoluron-N-desmethyl, ibuprofen, iohexol, iomeprol, iopamidol, iopromide, irgarol (cybutryn), isotroturon, ketoprofen, caffeine, lenacil, linuron, malathion, MCPA, MCPP, metalaxyl, metamitron, metazachlor, metconazole, methabenzthiazuron, metobromuron, metolachlor, metoprolol, metoxuron, metribuzin, monolinuron, monuron, naproxen, pendimethalin, pentoxifylline, PFOA, PFOS, phenmedipham, picolinafen, primidone, prochloraz, prometryn, propachlor, propazine, propiconazole, propyphenazone, propyzamide, quinoxylene (quinoxylene), roxithromycin, sebuthylazine, simazine, spiroxamine, sulfadimethoxine, sulfamerazine, sulfamethazine, sulfamethoxazole, tebuconazole, terbuthylazine, terbuthylazine-desethyl, terbuthylazine-2-hydroxy, terbutryn, tramadol, tributylphosphate (TBP), triethylphosphate (TEP), triphenylphosphate (TPP), triisobutylphosphate (TiBP), trimethoprim, tris-2-butoxyethyl-phosphate (TBEP), tris(2-chloroethyl)phosphate (TCEP), tylosin, 2,4-D, 2,4,5-T, 2,4,5-TP.
70	PCB-6, PCB-7, PCB28, PCB31, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, PCB194, HCB, α -HCH, β -HCH, γ -HCH, δ -HCH, ϵ -HCH, heptachlor, methoxychlor, p,p'-DDE, o,p-DDD, p,p'-DDD, o,p-DDT, p,p'-DDT, o,p-DDE, PBDE-28, PBDE-47, PBDE-99, PBDE-100, PBDE153, PBDE-154, PBDE-183, PBDE-209, DEHF, α -endosulfan, β -endosulfan, endrin, dieldrin, aldrin, isodrin, alachlor, chlorpyrifos, chlorpyrifos-methyl, pentachlorobenzene, octachlorostyrene, cis-heptachloroepoxide, trans-heptachloroepoxide, trifluralin, propyzamide, chlorothalonil, triallate, ethofumesate, fluzifop-p-butyl, bifenthrin, deltamethrin, azoxystrobin, cypermethrin, α -cypermethrin, zeta-cypermethrin, beta-cyfluthrin, lambda-cyhalothrin, tau-fluvalinate, tefluthrin, musk ketone, musk xylene, galaxolide (HHCB), tonalide (AHTN), 1,3,5-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, 1,2,4,5-tetrachlorobenzene, hexachlorobutadiene (HCBd), chlordane, toxaphene, pentachloronitrobenzene, chlorinated alkanes C ₁₀ -C ₁₃ , chlorinated alkanes C ₁₄ -C ₁₇ , hexabromobenzene (HBB), pentabromoethylbenzene (PBEB), decabromodiphenylethane (DBDPE), bis(2-Ethylhexyl)-3,4,5,6-tetrabromophthalate (TBPH), 1,2-bis(2,4,6-tribromophenoxy) ethane (BTBPE), 2-ethylhexyl-2,3,4,5-tetrabromobenzoate (TBB), hexabromocyclododecane (HBCDD), dicofol, dimethyl phthalate (DMP), diethyl phthalate (DEP), dipropyl phthalate (DPP), diisobutyl phthalate (DiBP), dibutyl phthalate (DBP), butyl benzyl phthalate (BBzP), dipentyl phthalate (DPeP), dihexyl phthalate (DHP), dicyclohexyl phthalate (DCHP), bis(2-ethylhexyl)phthalate (DEHP), dioctyl phthalate (DOP), diisononyl phthalate (DiNP), diisodecyl phthalate (DIDP), naphthalene, acenaphthylene, acenaphthene, 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-cd]pyrene, 3,6-dimethylphenanthrene, perylene, benzo[a]fluorene, 1-methylnaphthalene, 4,4-dibromodiphenyl ether, hexabromobiphenyl, bromopropylate, butralin, esfvalerate, fenarimol, fenprothrin, isofenphos, mirex, nitrofen, oxyfluorfen, permethrin, resmethrin, demeton, 2,4-D-1-butylester, 2,4-D-1-isobutylester, mirex, procymidone, propetamphos, quinalphos, tetrasul, tecnazene, vinclozolin, chlordecone (kepone), 4,4-Methylenebis(2,6-Di-Tert-butylphenol), 2-ethylhexyl-4-methoxycinnamate (Parsol SCX), 2,6-diterc-butyl-4-methylphenol, decamethylcyclopentasiloxane, decamethyltetrasiloxane (L4), dodecamethylcyclohexasiloxane, dodecamethylpentasiloxane (L5), 1,1,1,3,5,5,5-heptamethyltrisiloxane, 1,1,1,3,5,5,5-heptamethyltrisiloxane-modified with alkylene oxide, hexamethylcyclotrisiloxane, 1,1,3,3,5,5-hexamethyltrisiloxane, octamethylcyclotetrasiloxane, octamethyltrisiloxane (L3).

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Povodí Labe, státní podnik

CAB number 1264, Water Management Laboratories Department, Hradec Králové Laboratory
Víta Nejedlého 951/8, Slezské Předměstí, 500 03 Hradec Králové

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
71	PCB-6, PCB-7, PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, PCB194, HCB, α -HCH, β -HCH, γ -HCH, δ -HCH, ϵ -HCH, heptachlor, methoxychlor, p,p'-DDE, o,p-DDD, p,p'-DDD, o,p-DDT, p,p'-DDT, o,p-DDE, PBDE-28, PBDE-47, PBDE-99, PBDE-100, PBDE153, PBDE-154, PBDE-183, PBDE-209, α -endosulfan, β -endosulfan, endrin, dieldrin, aldrin, isodrin, alachlor, chlorpyrifos, chlorpyrifos-methyl, chlorfenvinphos, methyltriclosan, pentachlorobenzene, octachlorostyrene, cis-heptachloroepoxide, trans-heptachloroepoxide, trifluralin, propyzamide, chlorothalonil, triallate, ethofumesate, fluazifop-p-butyl, bifenthrin, deltamethrin, azoxystrobin, cypermethrin, α -cypermethrin, zeta-cypermethrin, musk ketone, musk xylene, galaxolide (HHCB), tonalide (AHTN), 1,2,4,5-tetrachlorobenzene; chlordane, toxaphene, 1,3,5-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, pentachloronitrobenzene, hexachlorobutadiene (HCBd), chlorinated alkanes C ₁₀ -C ₁₃ , chlorinated alkanes C ₁₄ -C ₁₇ , hexabromobenzene (HBB), pentabromoethylbenzene (PBEB), decabromodiphenylethane (DBDPE), bis(2-Ethylhexyl)-3,4,5,6-tetrabromophthalate (TBPH), 1,2-bis(2,4,6-tribromophenoxy) ethane (BTBPE), 2-ethylhexyl-2,3,4,5-tetrabromobenzoate (TBB), hexabromocyclododecane (HBCDD), dicofol, dimethylphthalate (DMP), diethylphthalate (DEP), dipropylphthalate (DPP), diisobutylphthalate (DiBP), dibutylphthalate (DBP), butylbenzylphthalate (BBzP), dipentylphthalate (DPeP), dihexylphthalate (DHP), dicyclohexylphthalate (DCHP), bis(2-ethylhexyl)phthalate (DEHP), dioctylphthalate (DOP), diisononylphthalate (DiNP), diisodecylphthalate (DIDP), naphthalene, acenaphthylene, acenaphthene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, benzo/a/anthracene, chrysene, benzo/b/fluoranthene, benzo/k/fluoranthene, benzo/a/pyrene, dibenzo/ah/anthracene, benzo/ghi/perylen, indeno/cd/pyrene, ¹³ C ₁₂ -PCB-1, ¹³ C ₁₂ -PCB-8, ¹³ C ₁₂ -PCB-37, ¹³ C ₁₂ -PCB-54, acenaphthene-D ₁₀ , fluorene-D ₁₀ , phenanthrene-D ₁₀ , chrysene-D ₁₂ , octachloronaphthalene, hexabromobiphenyl, chlordecone (kepone), mirex, 2-ethylhexyl 4-methoxy cinnamate, beta-cyfluthrin, esfenvalerate, permethrin, resmethrin, tefluthrin, lambda-cyhalothrin, tau-fluvalinate.
72	PCB28, PCB52, PCB101, PCB118, PCB138, PCB153, PCB180, PCB194, HCB, α -HCH, β -HCH, γ -HCH, δ -HCH, ϵ -HCH, heptachlor, methoxychlor, p,p'-DDE, o,p-DDD, p,p'-DDD, o,p-DDT, p,p'-DDT, o,p-DDE, PBDE-28, PBDE-47, PBDE-99, PBDE-100, PBDE153, PBDE-154, PBDE-183, PBDE-209, α -endosulfan, β -endosulfan, endrin, dieldrin, aldrin, isodrin, alachlor, chlorpyrifos, chlorpyrifos-methyl, pentachlorobenzene, octachlorostyrene, cis-heptachloroepoxide, trans-heptachloroepoxide, trifluralin, propyzamide, chlorethalonil, triallate, ethofumesate, fluazifop-p-butyl, bifenthrine, deltamethrin, azoxystrobin, cypermethrin, α -cypermethrin, zeta-cypermethrin, musk keton, musk xylene, galaxolide (HHCB), tonalide (AHTN), 1,2,4,5-tetrachlorobenzene, chlordan, toxaphen, 1,3,5-trichlorobenzene, 1,2,4-trichlorobenzene, 1,2,3-trichlorobenzene, pentachloronitrobenzene, hexachlorobutadiene (HCBd), chlorinated alkanes C ₁₀ -C ₁₃ , chlorinated alkanes C ₁₄ -C ₁₇ , DEHP.
73	Monobutyltin (MBT), dibutyltin (DBT), tributyltin (TBT), triphenyltin (TPhT), tetrabutyltin (TTBT), tricyclohexyltin, monophenyltin, diphenyltin.
74	Monobutyltin (MBT), dibutyltin (DBT), tributyltin (TBT), triphenyltin (TPhT), tetrabutyltin (TTBT), tricyclohexyltin, monophenyltin, diphenyltin.
75	Monobutyltin (MBT), dibutyltin (DBT), tributyltin (TBT), triphenyltin (TPhT), tetrabutyltin (TTBT), tricyclohexyltin, monophenyltin, diphenyltin.
76	Paraquat, diquat, chlormequat, mepiquat.
77	Paraquat, diquat, chlormequat, mepiquat.
78	Paraquat, diquat, chlormequat, mepiquat.
79	glufosinate, AMPA
80	Glyphosat, AMPA
81	Glyphosat, AMPA

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Povodí Labe, státní podnik

CAB number 1264, Water Management Laboratories Department, Hradec Králové Laboratory
Víta Nejedlého 951/8, Slezské Předměstí, 500 03 Hradec Králové

Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
1	Waste water simple sampling (manual sampling)	VV01 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-10; ČSN EN ISO 5667-14; ČSN 75 7315)	Waste water
2	Sampling of mixed time-dependent waste water sample (sampling by an automatic sampler or manual sampling)	VV02 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-10; ČSN EN ISO 5667-14; ČSN 75 7315)	Waste water
3	Sampling of mixed flow-dependent waste water sample (sampling by an automatic sampler)	VV03 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-10; ČSN EN ISO 5667-14)	Waste water
4	Sampling from water reservoirs	VV05 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-4; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Surface water
5	Sampling from rivers and streams	VV06 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-6; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Surface water
6	Drinking water sampling	VV07 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-5; ČSN ISO 5667-11; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Drinking water

**The Appendix is an integral part of
Certificate of Accreditation No. 226/2023 of 05/05/2023**

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

Povodí Labe, státní podnik

CAB number 1264, Water Management Laboratories Department, Hradec Králové Laboratory
Víta Nejedlého 951/8, Slezské Předměstí, 500 03 Hradec Králové

Ordinal number	Sampling procedure name	Sampling procedure identification ¹	Subject of sampling
7	Sampling of bottom sediments	VS01 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-12; ČSN EN ISO 5667-14; ČSN EN ISO 5667-15)	Sediment, soils
8	Sampling of sludge from sewage and water treatment plants	VK01 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-13; ČSN EN ISO 5667-14)	Sludge
9	Waste sampling	VO01 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-14; ČSN EN 14899; ČSN 01 5111; ČSN 01 5112; MoE Guideline No. 6 for waste sampling, Ministry of Environment Bulletin, Part 4, April 2008)	Pasty, solid and liquid waste
10	Raw water sampling	VV09 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-4; ČSN ISO 5667-5; ČSN ISO 5667-11; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Surface and ground water
11	Sampling using a passive sampler	VV10 (ČSN EN ISO 5667-23)	Drinking, surface and waste water

¹ if the document identifying the sampling procedure is dated, only these specific procedures are used. If the document identifying the sampling procedure is not dated, the latest edition of the specified procedure is used (including any changes)