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. **233/2025**

ORLICKÁ LABORATOŘ, s.r.o.
with registered office Lhotka 219, 560 02 Česká Třebová
Company Registration No. 60912677

for the Testing Laboratory No. **1277**
ORLICKÁ LABORATOŘ

Scope of accreditation:

Sampling and analysis of water, sludge, waste, aqueous extracts, sediments, soils, composts, air, food and food supplements 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.: 25/2025 of 21/01/2025, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **07/09/2028**

Prague: 19/05/2025

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

Signed in the Czech original:
Gor Petrosjan on 19/05/2025

Jan Velíšek
Director of the Department
of Testing and Calibration Laboratories
Czech Accreditation Institute

This translation of the Czech original has been issued by: Andrea Muzikářová

The Appendix is an integral part of
Certificate of Accreditation No: 233/2025 of 19/05/2025

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

ORLICKÁ LABORATOŘ, s.r.o.
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The laboratory provides opinions and interprets of the test results.
Detailed information on activities within the scope of accreditation (determined analytes / 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	Enumeration of thermotolerant coliform bacteria and *Escherichia coli* by membrane filtration method by culture	ZP 002 (ČSN 75 7835)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water	-
2	Enumeration of intestinal enterococci by membrane filtration method by culture	ZP 003 (ČSN EN ISO 7899-2)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water	-
3	Enumeration of culturable microorganisms – Colony count by inoculation on a nutrient agar culture medium by culture a) at 22 °C b) at 36 °C	ZP 004 (ČSN EN ISO 6222)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial water	-
4	Biological analysis - Determination of abioseston by microscopic method	ZP 005 (ČSN 75 7713)	Drinking, bottled, raw, produced, hot, ground, surface water	-
5	Biological analysis – Determination of bioseston by microscopic method	ZP 006 (ČSN 75 7712)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water	-
6	Enumeration of *Escherichia coli* and coliform bacteria by membrane filtration method on a chromogenic agar medium by culture	ZP 007 (ČSN EN ISO 9308-1)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial water	-
7	Enumeration of *Pseudomonas aeruginosa* by membrane filtration method by culture	ZP 008 (ČSN EN ISO 16266)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water	-
8	Enumeration of coagulase-positive staphylococci by membrane filtration method by culture	ZP 009 (ČSN EN ISO 6888-1)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
9	Enumeration of *Clostridium perfringens* by membrane filtration method by culture	ZP 010 (ČSN EN ISO 14189)	Drinking, bottled, raw, produced, hot, ground, surface water	-
10	Enumeration of *Legionella* by membrane filtration method by culture	ZP 011 (ČSN EN ISO 11731)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial water	-
11	Detection of *Salmonella* by propagation by culture	ZP 012 (AHEM No.1/2008)	Soils, sludge, sediments, composts, waste, sands, waste water	-
12	Enumeration of indicator micro-organisms by surface plating technique by culture	ZP 013 (AHEM No.1/2008)	Soils, sludge, sediments, composts, waste, sands, waste water	-
13	Enumeration of yeasts and moulds by surface plating technique by culture	ZP 015 (ČSN ISO 21527-1; ČSN ISO 21527-2)	Food, food supplements	-
14	Enumeration of coliforms by pour-plate or surface plating technique by culture	ZP 016 (ČSN ISO 4832)	Food, food supplements	-
15	Enumeration of ß-glucuronidase-positive *Escherichia coli* by pour-plate or surface plating technique on a chromogenic agar medium by culture	ZP 017 (ČSN ISO 16649-2)	Food, food supplements	-
16	Detection of *Salmonella* by propagation by culture	ZP 018 (ČSN EN ISO 6579-1)	Food, food supplements	-
17	Enumeration of total microorganisms by pour-plate or surface plating technique by culture	ZP 020 (ČSN EN ISO 4833-1; ČSN EN ISO 4833-2)	Food, food supplements	-
18*	Determination of temperature	ZP 021 (ČSN 75 7342)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, air	-
19	Determination of colour by spectrophotometry	ZP 022 (ČSN EN ISO 7887)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial water	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
20	Determination of turbidity by nephelometry	ZP 023 (ČSN EN ISO 7027-1)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial water	-
21*	Preliminary sensory analysis	ZP 024 (ČSN 75 7340)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water	-
22*	Determination of pH by potentiometry	ZP 025 (ČSN ISO 10523)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
23	Determination of electrical conductivity	ZP 026 (ČSN EN 27888)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
24	Determination of acid neutralizing capacity (ANC) by titration, calculation of Langelier index, hydrogen carbonate and carbonate, carbonate and non-carbonate hardness, free, bound and aggressive CO_2, total mineralization	ZP 027 (ČSN EN ISO 9963-1)	Drinking, bottled, raw, produced, hot, ground, surface, process and industrial, waste water	-
25	Determination of base neutralizing capacity (BNC) by titration	ZP 028 (ČSN 75 7372)	Drinking, bottled, raw, produced, hot, ground, surface, process and industrial, waste water	-
26	Determination of dissolved solids and dissolved inorganic salts (DIS) by gravimetry	ZP 030 (ČSN 75 7346; ČSN 75 7347; ČSN EN 15216; ČSN 75 7300)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
27	Determination of suspended solids by gravimetry	ZP 031 (ČSN EN 872)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
28	Determination of extractives by gravimetry (EL_{GR})	ZP 034 (ČSN 75 7508)	Ground, surface, process and industrial, waste water, aqueous extract	-
29	Determination of ammonium by titration after distillation and calculation of ammonia nitrogen	ZP 036 (ČSN ISO 5664)	Ground, surface, process and industrial, waste water, aqueous extract	-
30	Determination of ammonium by spectrophotometry and ammonia nitrogen by calculation	ZP 037 (ČSN ISO 7150-1)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
31	Titrimetric determination of chemical oxygen demand using permanganate (COD_{Mn})	ZP 043 (ČSN EN ISO 8467)	Drinking, bottled, raw, produced, hot, ground, surface, process and industrial water	-
32	Determination of chemical oxygen demand with dichromate (COD_{Cr}) by spectrophotometry	ZP 044 (ČSN ISO 15705)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
33	Determination of biochemical oxygen demand after n days (BOD_n) by electrochemical method with a membrane probe	ZP 045 (ČSN EN ISO 5815-1; ČSN EN 1899-2)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, waste water, aqueous extract	-
34	Determination of dissolved oxygen by electrochemical method with a membrane probe and calculation of dissolved oxygen in %	ZP 046 (ČSN EN ISO 5814)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
35*	Determination of dissolved oxygen by electrochemical method with an optical probe and calculation of dissolved oxygen in %	ZP 104 (ČSN ISO 17289)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
36	Determination of humic substances by spectrophotometry	ZP 047 (ČSN 75 7536)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water	-
37	Determination of anionic surfactants by spectrophotometry	ZP 048 (ČSN EN 903)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
38	Determination of univalent phenols by spectrophotometry	ZP 052 (ČSN ISO 6439)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
39	Determination of absorbance at 254 nm by spectrophotometry	ZP 053 (ČSN 75 7360)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water	-
40*	Determination of free and total chlorine by spectrophotometry using HACH commercial analytical set and calculation of bound chlorine and chlorine dioxide	ZP 055 (ČSN EN ISO 7393-2; Hach manual)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, waste water	-
41	Determination of total cyanide by spectrophotometry	ZP 056 (ČSN 75 7415)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract, absorption solutions (emissions, indoor and working air)	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
42	Determination of total, suspended and settleable solids and calculation of sludge index by gravimetry	ZP 060 (ČSN EN 14702-1; M. Sedláček a kol., Metody rozboru kalů a pevných odpadů, SZN 1978)	Sludge	-
43	Determination of dry matter, water content, combustibles and loss on ignition by gravimetry	ZP 061 (ČSN 46 5735; ČSN EN 15935; ČSN EN 15934)	Soils, sludge, sediments, composts, waste, sands	-
44	Determination of pH of solids by potentiometry	ZP 062 (ČSN EN ISO 10390)	Soils, sludge, sediments, composts, waste, sands	-
45	Determination of Kjeldahl nitrogen	ZP 063 (ČSN EN 13342)	Soils, sludge, sediments, composts, waste, sands	-
46	Determination of non-ionic surfactants by spectrophotometry	ZP 050 (Hach manual)	Drinking, bottled, raw, produced, hot, ground, surface, process and industrial, waste water, aqueous extract	-
47	Determination of formaldehyde by spectrophotometry	ZP 051 (Hach manual)	Drinking, bottled, raw, produced, hot, ground, surface, process and industrial, waste water, aqueous extract, absorption solutions (emissions, indoor and working air)	-
48	Determination of radon ^{222}Rn in water samples by gamma radiation measurement	ZP 105 (ČSN 75 7624; ČSN 75 7600; Diram manual)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract, absorption solutions (emissions, indoor and working air)	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
49	Determination of gross beta activity by the measurement of evaporation residue with proportional detector and gross beta activity with potassium 40 correction by calculation from the measured values and calculation of total indicative dose	ZP 085 (ČSN 75 7612; ČSN 75 7600; ČSN EN ISO 5667-3; Empos manual; SÚJB recommendation)	Drinking, bottled, raw, produced, hot, ground water	-
50	Determination of gross alpha activity by the measurement of evaporation mixture with scintillator ZnS (Ag) and gross alpha activity corrected for uranium by calculation from measured values	ZP 106 (ČSN 75 7611; ČSN 75 7600; ČSN EN ISO 5667-3; Diram manual; SÚJB recommendation)	Drinking, bottled, raw, produced, hot, ground water	-
51	Determination of adsorbable organically bound halogens (AOX) by coulometry	ZP 071a (ČSN EN ISO 9562; ČSN EN 16166)	Drinking, bottled, raw, produced, hot, ground, surface, process and industrial, waste water, aqueous extract	-
52	Determination of adsorbable organically bound halogens (AOX) by coulometry	ZP 071b (ČSN EN ISO 9562; ČSN EN 16166)	Soils, sludge, sediments, composts, waste, sands	-
53	Determination of total mercury by single-purpose atomic absorption spectrophotometer	ZP 072 (ČSN 75 7440; ČSN EN 13806)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract, soils, sludge, sediments, composts, waste, sands, plant products, food, food supplements	-
54	Determination of volatile organic compounds by GC/FID/ECD method and calculation of the sum of BTEX, CH and TOL	ZP 073a (TNV 75 7552; ČSN EN ISO 22155)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
55	Determination of volatile organic compounds by GC/FID/ECD method and calculation of the sum of BTEX, THM, CH and TOL	ZP 073b (TNV 75 7552; ČSN EN ISO 22155)	Soils, sludge, sediments, composts, waste, sands	-
56	Determination of hydrocarbons C_{10} to C_{40} by GC/FID method	ZP 074a (ČSN EN ISO 9377-2)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water	-
57	Determination of hydrocarbons C_{10} to C_{40} by GC/FID method	ZP 074b (ČSN EN 14039; ČSN EN ISO 16703)	Soils, sludge, sediments, composts, waste, sands	-
58	Determination of polycyclic aromatic hydrocarbons by HPLC/FluD/DAD method and calculation of the sum of PAH	ZP 075a (ČSN EN ISO 17993)	Drinking, bottled, raw, produced, hot, ground, surface, waste water	-
59	Determination of polycyclic aromatic hydrocarbons by HPLC/FluD/DAD method and calculation of the sum of PAH	ZP 075b (ČSN EN ISO 17993; ČSN EN 17503)	Soils, sludge, sediments, composts, waste, sands	-
60	Reserved			
61	Determination of chlorides by spectrophotometry with HACH set	ZP 090a (Hach manual)	Drinking, bottled, raw, produced, hot, ground, surface, process and industrial, waste water, aqueous extract, absorption solutions (emissions, indoor and working air)	-
62	Determination of chlorides by spectrophotometry with HACH set and calculation of trichloramine	ZP 090b (Hach manual)	Solid sorbents (emissions, indoor and working air)	-
63	Determination of polychlorinated biphenyls by GC/MS method and calculation of the sum of PCB	ZP 093a (ČSN ISO 17858)	Drinking, bottled, raw, produced, hot, ground, surface, waste water	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
64	Determination of polychlorinated biphenyls by GC/MS method and calculation of the sum of PCB	ZP 093b (ČSN EN 17322)	Soils, sludge, sediments, composts, waste, sands	-
65	Determination of total organic carbon (TOC) and dissolved organic carbon (DOC) by catalytic combustion with IR detection and calculation of TOC difference parameter	ZP 094 (ČSN EN 1484; ČSN EN ISO 20236)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract	-
66	Determination of bound nitrogen (TN_b) after oxidation to nitrogen oxides by chemiluminescence detection and calculation of inorganic and organic nitrogen	ZP 095 (ČSN EN ISO 20236)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water	-
67	Determination of dissolved anions by IC method, calculation of the sum of nitrite and nitrate, total acid content and calculation of the nitrate difference parameter	ZP 100 (ČSN EN ISO 10304-1; ČSN EN ISO 10304-4; ČSN EN ISO 15061)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract, absorption solutions and solid sorbents (emissions, indoor and working air)	-
68	Determination of dissolved kations by IC method and calculation of the sum of calcium and magnesium, total hardness and free ammonia	ZP 101 (ČSN EN ISO 14911)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract, absorption solutions (emissions, indoor and working air)	-

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Ordinal number[1]	Test procedure / method name	Test procedure / method identification[2]	Tested subject	Degrees of freedom[3]
69	Determination of elements by ICP/MS method	ZP 102a (ČSN EN ISO 17294-2; ČSN EN ISO 15587-2)	Drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic, process and industrial, waste water, aqueous extract, absorption solutions (emissions, indoor and working air)	-
70	Determination of elements by ICP/MS method	ZP 102b (ČSN EN ISO 17294-2; ČSN EN 13656; ČSN EN 13657; ČSN EN 16171)	Soils, sludge, sediments, composts, waste, sands	-
71	Determination of elements by ICP/MS method	ZP 102c (ČSN EN ISO 17294-2; ČSN EN 14902)	Solid sorbents (emissions, indoor and working air)	-
72	Determination of elements by ICP/MS method	ZP 102d (ČSN EN ISO 17294-2; ČSN EN 13805)	Plant products	-
73	Determination of elements by ICP/MS method	ZP 102e (ČSN EN ISO 17294-2; ČSN EN 13805)	Food, food supplements	-
74	Determination of extractable organically bound halogens (EOX) by coulometry	ZP 077 (DIN 38414-17; Labtech manual)	Soils, sludge, sediments, composts, waste	-
75	Determination of respiration activity (AT4) by measuring oxygen consumption over a four-day period using coulometry	ZP 078 (ONORM S 2027-4; DIRAM Manual)	Soils, sludge, sediments, composts, waste	-

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

[2] if the document identifying the test procedure is dated, only these specific procedures are used. If the document identifying the test procedure is not dated, the latest valid edition of the specified procedure is used (including any changes)

[3] the laboratory does not apply a flexible approach to the scope of accreditation

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Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
21	odour – drinking, bottled, raw, produced, hot, ground, surface, bathing and therapeutic water taste – drinking water transparency, water bloom, natural pollution, waste pollution - water from natural bathing places
54	chloroethene, 1,1-dichloroethene, dichloromethane, cis-1,2-dichloroethene, trans-1,2-dichloroethene, chloroform, tetrachloromethane, 1,2-dichloroethane, trichloroethylene, bromodichloromethane, tetrachloroethylene, dibromochloromethane, bromoform, o-dichlorobenzene, m-dichlorobenzene, p-dichlorobenzene, benzene, toluene, chlorobenzene, ethylbenzene, o-xylene, m-xylene, p-xylene, styrene
55	benzene, trichloroethylene, toluene, tetrachloroethylene, ethylbenzene, m+p-xylene, o-xylene
58	fluoranthene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, indeno(1,2,3-cd)pyrene, benzo(k)fluoranthene, naphthalene, phenanthrene, chrysene, pyrene, anthracene, benzo(a)anthracene, acenaphthylene, acenaphthene, fluorene, dibenzo(a,h)anthracene
59	anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, phenanthrene, pyrene, naphthalene, acenaphthylene, acenaphthene, fluorene, dibenzo(a,h)anthracene
60	desethylatrazine, simazine, atrazine, terbutryne, terbuthylazine, chlorpyriphos, hexazinon, alachlor, acetochlor, metazachlor, metolachlor, atrazin-desisopropyl, atrazin-desethyl-desisopropyl, terbuthylazin-desethyl
63, 64	PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180
65	TOC difference – TOC value in the pool after subtracting the TOC value in the fill water
67	bromates, fluorides, chlorides, nitrites, nitrates, phosphates, sulphates, nitrite nitrogen, nitrate nitrogen,chlorites, chlorates nitrate difference – nitrate value in the pool after subtracting the nitrate value in the fill water
68	Li^+, Na^+, NH_4^+, K^+, Ca^{2+}, Mg^{2+}, $N\text{-}NH_4^+$, sum of Ca+Mg
69	Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cr^{VI}, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Sn, Tl, V, Zn, U
70	Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Mn, Mg, Ni, P, Pb, Sn, V, Zn
71	As, Cd, Co, Cr, Cr^{VI}, Cu, Mn, Ni, Pb, Sb, Sn, Tl, V, Zn, Se
72	Al, Be, Cd, Cu, Cr, Fe, Mn, Ni, Pb, Zn, As
73	Cd, Cu, Fe, Pb, Zn, Al, Cr, Ni, As

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (reference literature)
49, 50	SÚJB Recommendation DR-RO-5.1(Rev. 0.0) Measurement and evaluation of natural radionuclides in drinking water for public use and in bottled water
62	M.Hery, Ann.Occup.Hyg., Vol.39,No.4, p.427-439, 1995
69-73	Agilent Technologies and Milestone Application Notes

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Sampling:

Ordinal number	Sampling procedure name	Sampling procedure identification[1]	Subject of sampling
1	Drinking water sampling	VZ 01 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-5; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Drinking, bottled, raw, produced, hot water
2	Waste water sampling (manual and by automatic sampler)	VZ 02 (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	Surface water sampling	VZ 03 (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
4	Bathing water sampling	VZ 04 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Bathing and therapeutic water
5	Ground water sampling (manual sampling, sampling using a pump)	VZ 05 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-11; ČSN EN ISO 5667-14; ČSN ISO 5667-18)	Ground water
6	Sampling of waste and solid samples	VZ 07 (MoE Guideline for waste sampling – April 2008, ČSN EN 14899)	Soils, sludge, sediments, composts, waste, sands
7	Sampling for the determination of volatile compounds in air by catching on a solid sorbent	VZ 08 (M.Hery, Ann.Occup.Hyg., Vol.39,No.4, p.427-439, 1995)	Swimming pool air

The Appendix is an integral part of
Certificate of Accreditation No: 233/2025 of 19/05/2025

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

ORLICKÁ LABORATOŘ, s.r.o.
CAB number 1277, ORLICKÁ LABORATOŘ
Lhotka 219, 560 02 Česká Třebová

Ordinal number	Sampling procedure name	Sampling procedure identification[1]	Subject of sampling
8	Sampling of sludge and sediments	VZ 10 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN EN ISO 5667-13; ČSN ISO 5667-12; ČSN EN ISO 5667-14; ČSN EN ISO 5667-15)	Sludge, sediments

[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 valid edition of the specified procedure is used (including any changes)

Explanatory notes:

TNV	Branch Technical Standard of Water Management
MoH	Ministry of Health
MoE	Ministry of the Environment
HPLC	High-Performance Liquid Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICP/MS	Inductively Coupled Plasma Mass Spectrometry
FID	Flame Ionization Detector
DAD	Diode Array Detector
FLuD	Fluorescence Detector
AHEM	Acta Hygienica, Epidemiologica et Microbiologica
PAH	Polycyclic Aromatic Hydrocarbons
BTEX	Benzene, toluene, ethylbenzene, xylenes
THM	Trihalomethanes
VOC	Volatile Organic Compounds
CH	Chlorinated Hydrocarbons