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. **136/2026**

Zdravotní ústav se sídlem v Ostravě
with registered office Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava
Company Registration No. 71009396

for the Testing Laboratory No. **1393**
Hygienic Laboratories Centre

Scope of accreditation:

Chemical, microbiological, radiological and biological analyses of water, waste, solid samples, food, materials, air and biological material, including sampling, determination of asbestos fibres, ecotoxicity tests, determination of sterilization efficiency and measurement of physical environmental factors 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.: 651/2024 of 04/12/2024, and/or any administrative acts building upon it.

The Certificate of Accreditation is valid until: **10/07/2028**

Prague: 23/03/2026

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

Signed in the Czech original:
Gor Petrosjan on 23/03/2026

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

This translation of the Czech original has been issued by: Eliška Frycová

The Appendix is an integral part of
Certificate of Accreditation No: 136/2026 of 23/03/2026

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CAB number 1393, Hygienic Laboratories Centre
Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava

Testing laboratory locations:

1. **Ostrava**	Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava
2. **Brno**	Gorkého 6, 602 00 Brno
3. **Karviná**	tř. Těreškovové 2206, 734 01 Karviná – Mizerov
4. **Vyškov**	Masarykovo nám. 16, 682 01 Vyškov
5. **Olomouc**	Wolkerova 6, 779 11 Olomouc
6. **Jihlava**	Vrchlického 57, 586 01 Jihlava
7. **Nový Jičín**	Štefánikova 1977/9, 741 01 Nový Jičín
8. **Bruntál**	Zahradní 5, 792 01 Bruntál
9. **Zlín**	Havlíčkovo nábřeží 600, 760 01 Zlín
10. **Vsetín**	4. května 287, 755 01 Vsetín
11. **Šumperk**	Nemocniční 1852/53, 787 01 Šumperk
12. **Ústí nad Orlicí**	Tvardkova 1191, 562 01 Ústí nad Orlicí
13. **Havlíčkův Brod**	Štáflova 2003, 580 01 Havlíčkův Brod
14. **Pelhřimov**	Slovanského bratrství 710, 393 01 Pelhřimov
15. **Třebíč**	Bráfova 31, 674 01 Třebíč
16. **Žďár nad Sázavou**	Tyršova 3, 591 01 Žďár nad Sázavou
17. **Frýdek-Místek**	Palackého 122, 738 02 Frýdek-Místek
18. **Opava**	Olomoucká 1208/80, 746 01 Opava

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 www.zuova/akreditace *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".

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Tests:

Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
1	**Basic chemistry**			
1.1[1,5,6]	Determination of absorbance	SOP OV 001 (ČSN 75 7360)	Drinking, ground, surface, bathing water, extracts[4]	-
1.2[1,5,6]	Determination of ammonium by spectrophotometry and ammonia nitrogen by calculation from measured values	SOP OV 002 (ČSN ISO 7150-1)	Water, bottled water[4], extracts[4]	-
1.3[5]	Determination of ammonium by titration and ammonia nitrogen by calculation from measured values	SOP OV 002.03 (ČSN ISO 5664)	Drinking, ground, surface, bathing, waste and process water	-
1.4[1,6]	Determination of ammonium by spectrophotometry and ammonia nitrogen by calculation from measured values	SOP OV 002.01 (JPP ÚKZÚZ, Soil Analysis III; ČSN ISO 7150-1)	Waste, solid samples	-
1.5[1,5,6]	Determination of anions by ion chromatography (conductivity detection)	SOP OV 003 (ČSN EN ISO 15061; ČSN EN ISO 10304-1; ČSN EN ISO 10304-4)	Water, purified water, bottled water[4], extracts[4]	B
1.6[1,6]	Determination of anions by ion chromatography (conductivity detection)	SOP OV 003.01 (ČSN EN ISO 10304-1)	Working and outdoor air, emission	B
1.7	Reserved			
1.8[1,5,6]	Determination of biochemical oxygen demand after n days (BODn) – with oxygen electrode	SOP OV 005 (ČSN EN ISO 5815-1; ČSN EN 1899-2)	Surface, ground, waste, and process water, drinking water[4]	-
1.9	Reserved			
1.10[1,6]	Determination of total nitrogen by spectrophotometry (modified Kjeldahl method)	SOP OV 006.06 (ČSN ISO 11261)	Waste, solid samples	-
1.11[1]	Determination of total nitrogen by spectrophotometry with MERCK set	SOP OV 006.02 (Merck manual)	Water, extracts	D
1.12	Reserved			
1.13[6]	Determination of total nitrogen by electrochemical method, inorganic and organic nitrogen by calculation from measured values	SOP OV 006.05 (ČSN EN ISO 20236)	Waste, ground, process, surface, drinking water	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
1.14[1]	Determination of total nitrogen after oxidation to nitrogen oxides by chemiluminescence detection, inorganic and organic nitrogen by calculation from measured values	SOP OV 006.07 (ČSN EN ISO 20236)	Water, extracts	-
1.15[5,6]	Determination of total phosphorus, phosphate by spectrophotometry and phosphorus pentaoxide by calculation from measured values	SOP OV 007 (ČSN EN ISO 6878)	Water, purified water, bottled water, extracts[4]	-
1.16[1]	Determination of total phosphorus by spectrophotometry with MERCK set	SOP OV 007.01 (Merck manual)	Water, extracts	D
1.17[6]	Determination of total phosphorus by spectrophotometry with HACH set	SOP OV 007.03 (HACH manual)	Water	D
1.18[1,6]	Determination of nitrate by ion chromatography and nitrate nitrogen by calculation from measured values	SOP OV 003.02 (JPP ÚKZÚZ, Soil Analysis III; ČSN EN ISO 10304-1)	Waste, solid samples	-
1.19	Reserved			
1.20[1,5,6]	Determination of electrical conductivity	SOP OV 011 (ČSN EN 27888)	Water, purified water, bottled water, extracts[4]	-
1.21[1]	Determination of univalent phenols by spectrophotometry	SOP OV 046 (ČSN ISO 6439)	Water, extracts	-
1.22[1]	Determination of phenols by continuous flow analysis	SOP OV 083 (ČSN EN ISO 14402)	Water, purified water, extracts	-
1.23[1]	Determination of fluoride by potentiometry (ISE)	SOP OV 012 (ČSN ISO 10359-1)	Water, bottled water, extracts, working air	-
1.24[1,5,6]	Determination of aggressive carbon dioxide by Heyer marble test by titration and calculation of the forms of carbon dioxide (CO_2 free, bound, total, hydrogencarbonates, (HCO_3^-) and carbonates (CO_3^{2-})) from ANC and BNC values	SOP OV 013 (ČSN 75 7373)	Water, bottled water, extracts[4]	-
1.25[1,5,6]	Determination of humic substances by spectrophotometry	SOP OV 014 (ČSN 75 7536)	Drinking, surface, ground, bottled water[4]	-
1.26[1]	Determination of chemical oxygen demand with dichromate (COD_{Cr}) by spectrophotometry with MERCK set	SOP OV 015.03 (ČSN ISO 15705; MERCK manual)	Water, extracts	D
1.27[1]	Determination of chemical oxygen demand with dichromate (COD_{Cr}) by spectrophotometry	SOP OV 015.01 (ČSN ISO 15705)	Water, bottled water, extracts	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
1.28[5,6]	Determination of chemical oxygen demand using dichromate (COD_{Cr}) by spectrophotometry with HACH set	SOP OV 015.02 (ČSN ISO 15705; (HACH manual)	Water	D
1.29[1,5,6]	Titrimetric determination of chemical oxygen demand using permanganate (COD_{Mn})	SOP OV 016 (ČSN EN ISO 8467)	Drinking, ground, surface, bathing, hot, bottled water, extracts[4]	-
1.30* [1,2,3,5,6,8-11, 13-18]	Preliminary sensory analysis	SOP OV 062.01 (ČSN 75 7340)	Surface, bathing water	-
1.31[1,5,6]	Determination of chlorophyll-a by spectrophotometry	SOP OV 019 (ČSN ISO 10260)	Surface water	-
1.32[1,5,6]	Determination of chrome (VI) by spectrophotometry	SOP OV 049 (ČSN ISO 11083; ČSN EN ISO 18412; ČSN EN ISO 17075-1)	Drinking, ground, surface, waste, process, bottled water[4], extracts[4]	-
1.33[6]	Determination of chrome (VI) by spectrophotometry	SOP OV 049.02 (NIOSH Manual of Analytical Methods (NMAM), 8/1594)	Working and outdoor air, emission	D
1.34[1]	Determination of iodide by titration	SOP OV 020.02 (ČSN 58 0111, part B, clause 16)	Water: drinking, bottled, surface, ground, bathing	-
1.35[1,6]	Determination of total cyanide by spectrophotometry	SOP OV 022.01 (ČSN 75 7415, procedure A)	Water, bottled water, extracts	-
1.36[1]	Determination of total cyanide and free cyanide by continuous flow analysis	SOP OV 084 (ČSN EN ISO 14403-2)	Water, purified water, bottled water, extracts	-
1.37[1,5,6]	Determination of acid neutralizing capacity (ANC) by titration	SOP OV 024 (ČSN EN ISO 9963-1)	Water, bottled water, extracts[4]	-
1.38[1]	Determination of acid neutralizing capacity (ANC) by potentiometry	SOP OV 024.01 (ČSN EN ISO 9963-1)	Water, bottled water, extracts	-
1.39[1,5,6]	Determination of suspended solids (NL) at 105 °C and 550 °C (annealing residue), total solids at 105 °C and 550 °C (annealing residue) by gravimetry and loss on ignition of suspended solids and total solids by calculation from measured values	SOP OV 025.01 (ČSN EN 872; ČSN 75 7350)	Drinking, surface, ground, waste, process water	-
1.40[1,5,6]	Determination of dissolved solids (RL, RAS) by gravimetric method and total mineralization by calculation from measured values	SOP OV 026.01 (ČSN 75 7346; ČSN 75 7347; ČSN 75 7358; ČSN EN 15216)	Water, bottled water, extracts[4]	-
1.41[1,5,6]	Preliminary sensory analysis – odour and flavour	SOP OV 062 (ČSN 75 7340)	Drinking, hot, bottled, surface, ground water	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
1.42[1,5,6]	Determination of pH by potentiometry	SOP OV 033 (ČSN ISO 10523)	Water, purified water, extracts[4], bottled water	-
1.43[1,6]	Determination of pH by potentiometry	SOP OV 033.01 (ČSN EN ISO 10390)	Waste, solid samples	-
1.44[1]	Determination of the threshold odour number and threshold flavour number	SOP OV 034 (ČSN EN 1622)	Drinking, bottled, surface, ground water, extracts of materials	-
1.45[1,5,6]	Determination of dry matter by gravimetry and water content (moisture) by calculation from measured values	SOP OV 040.01 (ČSN EN 15934, method A)	Waste, solid samples, materials[4]	-
1.46-1.47	Reserved			
1.48[6]	Determination of anionic surfactants by spectrophotometry	SOP OV 041 (ČSN EN 903)	Water, bottled water	-
1.49[1]	Determination of anionic surfactants using methylene blue by continuous flow analysis	SOP OV 085 (ČSN ISO 16265)	Water, purified and bottled water, extracts	-
1.50[1,5,6]	Determination of turbidity by nephelometry	SOP OV 044.01 (ČSN EN ISO 7027-1)	Drinking, hot, bottled, surface, ground, bathing, purified water[4], extracts[4]	-
1.51[1,5,6]	Determination of base neutralizing capacity (BNC) by titration	SOP OV 045 (ČSN 75 7372)	Water, bottled water, extracts[4]	-
1.52[1,5,6]	Determination of loss on ignition (combustible matter) by gravimetry and annealing residue by calculation from measured values	SOP OV 040.02 (ČSN 46 5735; ČSN EN 15935)	Waste, solid samples	-
1.53[1]	Determination of iron by spectrophotometry	SOP OV 051 (ČSN ISO 6332)	Water, bottled water, extracts	-
1.54[1,5,6]	Determination of ammonium by photometry using automatic analyzer and ammonia nitrogen by calculation from measured values	SOP OV 064 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water, extracts of materials[4]	D
1.55[6]	Determination of ammonium by photometry using automatic analyzer and ammonia nitrogen by calculation from measured values	SOP OV 064.07 (Thermo Scientific manual)	Waste and process water, extracts	D
1.56[5]	Determination of alkalinity (ANC) by photometry using automatic analyzer	SOP OV 064.01 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water	D

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
1.57[1,5,6]	Determination of colour by photometry using automatic analyzer	SOP OV 064.02 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water, extracts of materials[4]	D
1.58[6]	Determination of boron by photometry using automatic analyzer	SOP OV 064.08 (Thermo Scientific manual)	Drinking, ground, bottled, surface, bathing, process, hot and purified water	D
1.59[1,5,6]	Determination of nitrate by photometry using automatic analyzer and nitrate nitrogen by calculation from measured values	SOP OV 064.03 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water, extracts of materials[4]	D
1.60[6]	Determination of nitrate by photometry using automatic analyzer and nitrate nitrogen by calculation from measured values	SOP OV 064.09 (Thermo Scientific manual)	Waste and process water, extracts	D
1.61[1,5,6]	Determination of nitrite by photometry using automatic analyzer and nitrite nitrogen by calculation from measured values	SOP OV 064.04 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water, extracts of materials[4]	D
1.62[6]	Determination of nitrite by photometry using automatic analyzer and nitrite nitrogen by calculation from measured values	SOP OV 064.11 (Thermo Scientific manual)	Waste and process water, extracts	D
1.63[1,5]	Determination of chlorides by photometry using automatic analyzer	SOP OV 064.05 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water, extracts of materials[4]	D
1.64[1,5]	Determination of sulphate by photometry using automatic analyzer	SOP OV 064.06 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water, extracts of materials[4]	D
1.65[1,5]	Determination of phosphate by photometry using automatic analyzer	SOP OV 064.10 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water, extracts of materials[4]	D
1.66[5,6]	Determination of pH by potentiometry using automatic analyzer	SOP OV 064.12 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water	D
1.67[5,6]	Determination of electric conductivity using automatic analyzer	SOP OV 064.13 (Thermo Scientific manual)	Drinking, hot, bottled, bathing, surface, ground, purified water	D
1.68* [6,13-16]	Determination of dissolved oxygen, method with optical sensor	SOP OV 036.01 (ČSN ISO 17289; (WTW manual)	Drinking, ground, surface, bathing, waste and process water	D

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
1.69* 1,2,3,5,6,8-11,13-18	Determination of total and free chlorine by spectrophotometry by HACH set and bound chlorine by calculation from measured values	SOP OV 008.01 (HACH manual)	Water, purified water	D
1.70* 1,2,9,10,17	Determination of pH by potentiometry	SOP OV 033.02 (ČSN ISO 10523)	Water	-
1.71* 1,2,3,5,6,8-11, 13-18	Determination of chlorine dioxide by spectrophotometry with HACH/MERCK set	SOP OV 018.01 (HACH/MERCK manual)	Drinking, ground, bathing, purified, waste, process water	D
1.72* 2,6,9,10,13-16	Determination of redox potential	SOP OV 028 (ČSN 75 7367)	Drinking, bathing, ground and surface water	-
1.73* 1,2,3,5,6,9-11,13-17	Determination of ozone by spectrophotometry with HACH/MERCK set	SOP OV 032.02 (HACH/MERCK manual)	Bathing, drinking water	D
1.74* 1,2,3,4,5,6, 8-11,13-18	Measurement of temperature	SOP OV 042 (ČSN 75 7342)	Water, purified water	-
1.75* 1,2,5,6,13-17	Measurement of temperature	SOP OV 042.01 (ČSN EN 13485)	Food	-
1.76[1]	Qualitative determination of asbestos fibres by SEM-EDS technique	SOP OV 081 (VDI 3492, Annex D; VDI 3866, part 5)	Building materials (insulation materials, boards, roofing, plaster, fabrics, chipboard, piping, building boards, loose and lump aggregates)	-
1.77[1]	Chemical tests for cleanness of water (qualitative)	SOP OV 055 (ČL, clause A, 11.4:0008)	Purified water	B, D
1.78[1,6]	Determination of electrical conductivity	SOP OV 055.01 (ČL, clause A, 11.4:0008)	Purified water	D
1.79[1,6]	Determination of evaporation residue by gravimetry	SOP OV 055.02 (ČL, clause A, 11.4:0008)	Purified water	D
1.80[6]	Determination of gaseous pollutants by spectrophotometry	SOP OV 058	Indoor, outdoor and working air, emissions	B
1.81[1]	Determination of creatinine by spectrophotometry	SOP OV 503 (Annex No. 4/1985 to AHEM)	Urine	-
1.82[1]	Determination of hippuric acid by spectrophotometry	SOP OV 505.01 (Annex No. 4/1985 to AHEM)	Urine	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
1.83[1]	Determination of total migration by gravimetry	SOP OV 608 (Regulation 38/2001 Coll.; Commission Regulation (EU) No. 10/2011; ČSN EN 1186-3)	Materials, extracts of materials	D
1.84[1]	Determination of primary aromatic amines by spectrophotometry	SOP OV 603 (ČSN 62 1156)	Materials, extracts	-
1.85-1.88	Reserved			
1.89[1]	Determination of formaldehyde by spectrophotometry	SOP OV 609 (ČSN EN ISO 14184-1; ČSN EN ISO 4614, part B)	Materials, extracts of materials	A
2	**Basic chemistry of food**			
2.1	Reserved			
2.2[1]	Sensory analysis	SOP OV 124 (ČSN ISO 6658; ČSN 58 0120; AHEM 24/1986; AHEM 13/1982)	Food, spirits, extracts of materials, PBU	D
2.3[1]	Determination of sugars (reducing sugars, sugars expressed as saccharose (total sugar) by titration	SOP OV 123	Food	-
2.4[1]	Determination of nitrogen by titration and protein by calculation from measured values	SOP OV 104	Food	-
2.5[1]	Determination of alcohol by pycnometry	SOP OV 108	Food, spirits	-
2.6[1]	Determination of sodium chloride by titration	SOP OV 110	Food	-
2.7[1]	Determination of acidity by titration	SOP OV 114	Food	-
2.8[1]	Determination of sulphur dioxide by titration	SOP OV 125	Food	-
2.9[1]	Determination of pH by potentiometry	SOP OV 120	Food	-
2.10[1]	Determination of ash content by gravimetry	SOP OV 122	Food	-
2.11[1]	Determination of dry matter by gravimetry, moisture (water content) by calculation from measured values, determination of energy value and saccharides by calculation from measured values	SOP OV 118	Food	D
2.12[1]	Determination of moisture (water content) by distillation	SOP OV 134.01 (ČSN ISO 939)	Food	-
2.13[1]	Determination of fat by gravimetry	SOP OV 130	Food	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
2.14[1]	Determination of fibre by gravimetry	SOP OV 132 (Method AOAC 985.29 Total Dietary Fiber in Foods – Enzymatic-Gravimetric Method)	Food	D
3	**Metals**			
3.1[1,5,6]	Determination of elements by ICP-MS method	SOP OV 201 (ČSN EN ISO 17294-1; ČSN EN ISO 17294-2)	Water, purified water, bottled water, extracts[4], dialyzates from DGT samplers[4]	A, B
3.2[1,6]	Determination of elements by ICP-MS method	SOP OV 201.05 (ČSN EN ISO 17294-1; ČSN EN ISO 17294-2)	Waste, solid samples, materials[4]	B
3.3[1,6]	Determination of elements by ICP-MS method	SOP OV 201.04 (ČSN EN ISO 17294-1; ČSN EN ISO 17294-2; ČSN EN 14902)	Indoor, outdoor and working air, emissions	B
3.4[1]	Determination of elements by ICP-MS method	SOP OV 201.03 (ČSN EN ISO 17294-1; PerkinElmer application notes: Simultaneous Direct Determination of 25 Metals in Urine with ICP-MS using Collision/Reaction Technology; Simultaneous Determination of 28 elements in serum by ICP-MS using collision and reaction gases)	Biological material (blood, urine)	A, B, D
3.5[1]	Determination of elements by ICP-MS method	SOP OV 201.10 (ČSN EN ISO 17294-1; ČSN EN ISO 17294-2)	Food, feedstuffs	A, B
3.6[1,6]	Determination of elements by ICP-OES method	SOP OV 201.01 (ČSN EN ISO 11885)	Water, bottled water, purified water, extracts, dialyzates from DGT samplers[4]	A, B
3.7[1,6]	Determination of elements by ICP-OES method	SOP OV 201.06 (ČSN EN ISO 11885)	Waste, solid samples, materials[4]	B
3.8[1]	Determination of elements by ICP-OES method	SOP OV 201.11 (ČSN EN ISO 11885)	Food, feedstuffs	A, B
3.9[1]	Determination of elements by X-ray spectrometry method	SOP OV 202 (SPECTRO manual)	Waste, solid samples, materials	B, D

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
3.10[1,5,6]	Determination of mercury by single purpose atomic absorption spectrometer	SOP OV 200.03 (ČSN 75 7440)	Water, bottled water, purified water Extracts[4], waste[4], solid samples[4], indoor, outdoor and working air[4] , mineral oils[4], dialyzates from DGT samplers[4], emissions[4], feed[4], food[4], materials[4]	A
3.11	Reserved			
4	**Organic chemistry**			
4.1[3]	Determination of α-modification of silicon dioxide by infrared spectrometry	SOP OV 300 (NIOSH 7602; AHEM 8/76; AHEM 2/88)	Working air	D
4.2[3]	Determination of additives by liquid chromatography (LC/DAD)	SOP OV 301 (ČSN EN 12856)	Food, cosmetic products, bottled water	B
4.3[3]	Determination of acrylamide by gas chromatography (GC/ECD/MS)	SOP OV 303 (EPA Method 8032A)	Water, bottled water, extracts	-
4.4[3]	Determination of acrylamide by gas chromatography (GC/MS)	SOP OV 303.01 (ČSN P CEN/TS 17083)	Food	A
4.5[3]	Determination of aldehydes and ketones by liquid chromatography (LC/DAD)	SOP OV 304.01 (EPA Method TO-11A)	Indoor, outdoor and working air, emissions	B
4.6[1]	Determination of AOX (adsorbable organically bound halogens), EOX (extractable organically bound halogens), TX (total halogen compounds) and halogenides (sum of chlorides, bromides and iodides) by coulometry	SOP OV 305.01 (ČSN EN ISO 9562)	Water, extracts	-
4.7[1]	Determination of AOX (adsorbable organically bound halogens), EOX (extractable organically bound halogens), TX (total halogen compounds) and halogenides (sum of chlorides, bromides and iodides) by coulometry	SOP OV 305.04 (DIN 38414-17; ČSN EN 16166)	Waste, solid samples	-
4.8	Reserved			
4.9[6]	Determination of bisphenol A by gas chromatography (GC/MS)	SOP OV 302 (ČSN EN ISO 18857-2; ČSN EN 12673)	Water	A
4.10[1,6]	Determination of total organic carbon (TOC) and dissolved organic carbon (DOC) by infrared spectrometry method	SOP OV 307 (ČSN EN 1484)	Water, bottled water, purified water, extracts	-
4.11[1]	Determination of total organic carbon (TOC) by infrared spectrometry method	SOP OV 307.02 (ČSN EN 13137:2002)	Waste, solid samples	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
4.12[5]	Determination of diisocyanates by liquid chromatography (LC/FLD)	SOP OV 316 (OSHA Method No. 42, No. 47)	Working air	A, B
4.13[5]	Determination of phthalates by gas chromatography (GC/MS) and the sum of phthalates by calculation from measured values	SOP OV 313 (ČSN EN ISO 18856)	Materials, extracts	B
4.14[3]	Determination of histamine by liquid chromatography (LC/DAD)	SOP OV 381 (Journal of Chromatography A, 1032, 2004, 79-85)	Fish and fish products	-
4.15[5]	Determination of fatty acids by gas chromatography (GC/MS) and the sum of saturated, monounsaturated, polyunsaturated and transunsaturated fatty acids by the calculation from the measured values	SOP OV 336 (ČSN EN ISO 12966-1; ČSN EN ISO 12966-2)	Food	B
4.16[3]	Determination of metabolites of organic compounds by liquid chromatography (LC/DAD/FLD)	SOP OV 323	Urine	B
4.17[3]	Determination of methanol and volatile organic compounds by gas chromatography (GC/FID/MS)	SOP OV 324 (ČSN 660805)	Spirits	A, B
4.18[3,5,6]	Determination of NEL (non-polar extractives) and EL (extractives) by infrared spectrometry	SOP OV 309.01 (ČSN 75 7505:1998; ČSN 75 7506)	Water, bottled water[4], extracts[4]	-
4.19[3]	Determination of NEL (non-polar extractives) and EL (extractives) by infrared spectrometry	SOP OV 309.04 (ČSN 75 7505:1998; ČSN 75 7506)	Waste, solid samples	-
4.20[3]	Determination of NEL (non-polar extractives) and EL (extractives) by infrared spectrometry	SOP OV 309.07 (ČSN 75 7505:1998; ČSN 75 7506)	Indoor, outdoor and working air, compressed gases	-
4.21[6]	Determination of fats and oils by gravimetry	SOP OV 360 (ČSN 75 7509)	Surface, waste, bathing and process water, extracts	-
4.22[3]	Determination of organochlorinated pesticides (OCP) by gas chromatography (GC/ECD) and the sum of OCP by calculation from measured values	SOP OV 327 (ČSN EN ISO 6468)	Water, bottled water, extracts	A, B
4.23[3,6]	Determination of organochlorinated pesticides (OCP) by gas chromatography (GC/ECD) and the sum of OCP by calculation from measured values	SOP OV 327.01 (EPA Method 8081)	Waste, solid samples	B

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
4.24[3]	Determination of pentachlorophenol by gas chromatography (GC/MS)	SOP OV 327.14 (ČSN EN 12673)	Water, bottled water, extracts	A, B
4.25[3,5,6]	Determination of polyaromatic hydrocarbons (PAH) by liquid chromatography (LC/FLD/DAD) and the sum of PAH by calculation from measured values	SOP OV 331 (ČSN EN ISO 17993)	Water, bottled water[4], extracts[4]	B
4.26[3,6]	Determination of polyaromatic hydrocarbons (PAH) by liquid chromatography (LC/FLD/DAD) and the sum of PAH by calculation from measured values	SOP OV 331.05 (ČSN EN 17503)	Waste, solid samples	A, B
4.27[3,6]	Determination of polyaromatic hydrocarbons (PAH) by liquid chromatography (LC/FLD/DAD) and the sum of PAH by calculation from measured values	SOP OV 331.02 (EPA TO 13; ČSN EN 15549)	Indoor, outdoor and working air, emissions	B
4.28[3]	Determination of polyaromatic hydrocarbons (PAH) by liquid chromatography (LC/FLD/DAD) and the sum of PAH by calculation from measured values	SOP OV 331.06 (ČSN EN ISO 15753)	Food, edible fats and oils	B
4.29[5]	Determination of polyaromatic hydrocarbons (PAH) by gas chromatography (GC/MS) and the sum of PAH by calculation from measured values	SOP OV 331.01 (ČSN 75 7554:1998)	Water: drinking, bottled, ground, surface and waste	B
4.30[3,5,6]	Determination of polychlorinated biphenyls (PCB) by gas chromatography (GC/ECD/MS) and the sum of PCB by calculation from measured values	SOP OV 333 (ČSN EN ISO 6468)	Water, bottled water[4], extracts[4]	A, B
4.31[3,6]	Determination of polychlorinated biphenyls (PCB) by gas chromatography (GC/ECD) and the sum of PCB by calculation from measured values	SOP OV 333.06 (ČSN EN 12766-1; ČSN EN ISO 18475)	Waste, solid samples, mineral oils, materials	B
4.32[3]	Determination of saccharides by liquid chromatography (LC/RID)	SOP OV 335 (ČSN EN 15086)	Food	B
4.33[3]	Determination of synthetic food dyes by liquid chromatography (LC/DAD)	SOP OV 343.02	Food	B
4.34[3,5,6]	Determination of volatile organic compounds (VOC) by gas chromatography (GC/MS/FID/ECD) and the sum of VOC by calculation from measured values	SOP OV 344 (ČSN EN ISO 15680)	Water, bottled water[4], extracts[4]	A, B

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
4.35[3,6]	Determination of volatile organic compounds (VOC) by gas chromatography (GC/MS) and the sum of VOC by calculation from measured values	SOP OV 344.01 (ČSN EN ISO 15009)	Waste, solid samples	B
4.36[3,6]	Determination of volatile organic compounds (VOC) and other organic compounds by gas chromatography on a sorbent (GC/FID/MS/ECD) and the sum of VOC by calculation from measured values	SOP OV 344.12 (ČSN P CEN/TS 13649; ČSN EN 14662-2)	Indoor, outdoor and working air, emissions	B
4.37[3,5,6]	Determination of hydrocarbons C10 to C40 by gas chromatography (GC/FID)	SOP OV 338 (ČSN EN ISO 9377-2)	Water, bottled water[4]	B
4.38[3,6]	Determination of hydrocarbons C10 to C40 by gas chromatography (GC/FID)	SOP OV 338.01 (ČSN EN 14039)	Waste, solid samples	B
4.39[3]	Determination of vitamins by liquid chromatography (LC/DAD/FLUD)	SOP OV 340	Food	A, B
4.40[5]	Determination of specified polar pesticides by liquid chromatography (LC/MS/MS) and the sum of pesticides by calculation from measured values	SOP OV 341.02 (EPA Method 535; EPA Method 536)	Water: drinking, bottled, ground and surface	A, B
4.41[3]	Identification of materials and chemical substances by infrared spectrometry	SOP OV 357 (NICOLET Application Note)	Materials	D
4.42[5]	Determination of per- and poly-fluorinated alkyl substances (PFAS) by liquid chromatography (LC/MS/MS) and their sum by calculation from measured values	SOP OV 385 (ČSN EN 17892)	Drinking and ground water, bottled water	A, B
4.43[3]	Determination of haloacetic acids by gas chromatography (GC/ECD/MS) and their sum by calculation from measured values	SOP OV 383 (EPA 552.3)	Drinking, bathing water	A, B
4.44[3]	Determination of alkylphenols by gas chromatography (GC/MS)	SOP OV 327.12 (ČSN EN ISO 18857-1)	Water	B
5	**Air**			
5.1* [1]	Determination of odour substances by dynamic olfactometry	SOP OV 401 (ČSN EN 13725)	Indoor and outdoor air	-
5.2[1,2,5,6]	Determination of dust and solid pollutants by gravimetry	SOP OV 403	Indoor, outdoor and working air	D
5.3[1,2]	Determination of mass of dustfall by gravimetry	SOP OV 404	Outdoor air	D
5.4[1]	Determination of numerical concentration of mineral fibres by SEM method with EDX analyzer	SOP OV 405.01 (VDI 3492)	Indoor, outdoor and working air	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
5.5* 1,2,5,6,9-12	Preliminary determination of gases and vapours by detection tubes	SOP OV 424 (GASTEC and Dräger manuals)	Workplace air	B, D
5.6* 1,2,6	Measurement of the concentration of dust by automatic analyzers – optical method	SOP OV 436 (ČSN EN 16450)	Indoor, outdoor and working air	-
5.7* 1	Measurement of the concentration of dust by automatic analyzers – gravimetric (frequency) method	SOP OV 436.01 (ČSN EN 16450)	Indoor and outdoor air	-
5.8	Reserved			
5.9* 1,2,3,5,6,7,9, 11,12	Measurement of concentration of gaseous pollutants – electrochemical method	SOP OV 438	Indoor, outdoor and working air, compressed gases[4]	B, D
5.10* 1	Determination of sulphur dioxide (SO_2) and hydrogen sulphide (H_2S) by UV fluorescence	SOP OV 438.03 (ČSN EN 14212)	Indoor and outdoor air	-
5.11* 1,6	Determination of ozone (O_3) by UV absorption	SOP OV 438.04 (ČSN EN 14625)	Indoor, outdoor and working air	-
5.12* 1,6	Determination of nitrogen oxides by chemiluminescence	SOP OV 438.05 (ČSN EN 14211)	Indoor and outdoor air	-
5.13* 1,2,3,5,6,7,9, 11,12,14	Determination of carbon monoxide (CO) and carbon dioxide (CO_2) with an infrared spectrometry analyzer	SOP OV 438.07	Indoor, outdoor and working air, compressed gases[4]	D
5.14* 1,2,6	Enumeration of particles – optical method	SOP OV 436.03 (ČSN EN ISO 14644-1; VYR-32, Addendum 1)	Indoor air, clean rooms and zones	D
5.15 1,2,3,5,6,7, 9-12, 14	Determination of vapours and gases by calculation from specified values	SOP OV 486 (Government Regulation No. 361/2007 Coll.; Regulation No. 43/2025 Coll.)	Indoor and working air	D
6	**Physical factors**			
6.1* 1,2,3,5,6,7, 9-14	Measurement and calculation of noise Measurement Calculation	 SOP OV 456, part 1; SOP OV 456, part 2	Workplace and non-workplace environment	D
6.2* 12	Measurement of noise of wind turbine generator systems	SOP OV 460 (ČSN EN 61400-11 ed. 3)	Wind turbine generator systems	-
6.3* 12	Determination of the sound power level	SOP OV 462 (ČSN EN ISO 3744; ČSN EN ISO 3746; ČSN EN ISO 3747)	Noise source	-
6.4* 1,2,3,12,13	Measurement of reverberation time	SOP OV 464 (ČSN EN ISO 3382-2; ČSN EN ISO 3382-1)	Indoor areas	-
6.5* 1,2,3,12	Measurement of airborne sound insulation	SOP OV 468	Building structures	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
6.6* 1,2,3,12	Measurement of impact sound insulation	SOP OV 468.02	Building structures	-
6.7* 1,2,3,5,7,9, 11-13	Measurement of vibration	SOP OV 471	Workplace and non-workplace environment	D
6.8* 1,2,3,5,6,7, 9-11, 13,14	Measurement of electrical lighting	SOP OV 469	Workplace and non-workplace environment, roads	-
6.9* 1,2,3,5,6,7, 9-11, 13,14	Measurement of daylight	SOP OV 470	Workplace and non-workplace environment	-
6.10* 1,2,3,6,7,9-11	Measurement of microclimatic conditions	SOP OV 474	Workplace and non-workplace environment, clean rooms and zones [4]	D
6.11* 1,2,9	Measurement of electromagnetic field	SOP OV 452	Workplace and non-workplace environment	D
6.12* 1,2	Measurement of ultraviolet radiation parameters	SOP OV 455	Workplace and non-workplace environment	-
6.13* [2]	Determination of luminous flux density	SOP OV 487	Workplace environment	D
7	**Ecotoxicology**			
7.1[1]	Determination of acute toxicity to *Daphnia magna*	SOP OV 801 (ČSN EN ISO 6341)	Ground, surface and waste water, extracts	-
7.2[1]	Determination of acute toxicity to green algae *Desmodesmus subspicatus*	SOP OV 802 (ČSN EN ISO 8692)	Ground, surface and waste water, extracts	-
7.3	Reserved			
7.4[1]	Determination of the inhibitory effect of tested samples on the light emission of *Aliivibrio fischeri*	SOP OV 805 (ČSN EN ISO 11348-2)	Ground, surface and waste water, extracts	-
7.5[1]	Determination of root growth inhibition in lettuce *Lactuca sativa*	SOP OV 811 (ČSN EN ISO 11269-1)	Waste, solid samples	-
8	**Radiology**			
8.1[6]	Determination of gross alpha activity by measurement of evaporation residue with ZnS (Ag) scintillator	SOP OV 806 (ČSN 75 7611, chap. 4)	Drinking and ground water	-
8.2[6]	Determination of gross beta activity by beta particles measurement in ignited evaporation residue by a window proportional counter	SOP OV 807 (ČSN 75 7612)	Drinking and ground water	-
8.3[6]	Determination of 222Rn volume activity by measurement of gamma radiation using a scintillation counter	SOP OV 808 (ČSN 75 7624, chap. 6)	Drinking and ground water	-

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Ordinal number[1]	Test procedure/method name	Test procedure/method identification[2]	Tested subject[4]	Degrees of freedom[3]
9	**Microbiology**			
9.1[1,5,6]	Detection and enumeration of coliform bacteria and *Escherichia coli* by membrane filtration method	SOP OV 900 (ČSN EN ISO 9308-1)	Water, bottled water	-
9.2[1,5,6]	Detection and enumeration of thermotolerant coliform bacteria – Membrane filtration method	SOP OV 903 (ČSN 75 7835)	Water, bottled water	-
9.3[1,5,6]	Detection and enumeration of intestinal enterococci – Membrane filtration method	SOP OV 906 (ČSN EN ISO 7899-2)	Water, bottled water	-
9.4[1,5,6]	Enumeration of culturable microorganisms by inoculation in or on a nutrient agar culture medium at: 36 °C and 22 °C	SOP OV 908 (ČSN EN ISO 6222)	Water, bottled water	-
9.5[1,5,6]	Detection and enumeration of *Pseudomonas aeruginosa* – Membrane filtration method	SOP OV 909 (ČSN EN ISO 16266)	Water, bottled water, purified water[4]	-
9.6[1,5,6]	Detection and enumeration of *Staphylococcus aureus* – Membrane filtration method	SOP OV 911 (ČSN EN ISO 6888-1)	Water, bottled water	-
9.7[1,5,6]	Detection and enumeration of *Legionella spp.* by culture method	SOP OV 913 (ČSN EN ISO 11731)	Water, bottled water	-
9.8[4]	Detection and enumeration of *Legionella spp.* by culture method	SOP OV 913.01 (ČSN EN ISO 11731)	Water, bottled water	-
9.9[1,5,6]	Enumeration of sulfite-reducing clostridia – Membrane filtration method	SOP OV 914 (ČSN EN 26461-2)	Water, bottled water	-
9.10[1,5,6]	Determination of microscopic image	SOP OV 916 (ČSN 75 7712; ČSN 75 7713; ČSN 75 7717)	Drinking, bottled, surface, bathing, ground water	-
9.11[1,5,6]	Detection of *Salmonella* by culture method	SOP OV 921 (ČSN ISO 19250)	Water, bottled water	-
9.12	Reserved			
9.13[1,5,6]	Enumeration of *Clostridium perfringens* – Membrane filtration method	SOP OV 914.03 (ČSN EN ISO 14189)	Water	-
9.14[1,5,6]	Microbiological tests of non-sterile products - by culture	SOP OV 930	Purified water, non-sterile products[4]	A, D
9.15[1,6]	Detection of bacterial endotoxins by LAL test (gel method)	SOP OV 931 (ČL, part 2.6.14)	Purified water	D
9.16[1,5,6]	Detection and enumeration of coliform bacteria and *Escherichia coli* by Colilert Quanti-Tray method	SOP OV 936 (ČSN EN ISO 9308-2)	Water	-
9.17[1,5,6]	Enumeration of coliforms by culture method	SOP OV 901 (ČSN ISO 4832)	Food	-

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9.18[1,5,6]	Enumeration of *Escherichia coli* by culture method	SOP OV 902 (ČSN ISO 16649-2)	Food	-
9.19[5,6]	Detection and enumeration of *Pseudomonas aeruginosa by* culture method	SOP OV 910 (ČSN EN ISO 16266)	Food	-
9.20[1,5,6]	Enumeration of coagulase-positive staphylococci by culture method	SOP OV 912 (ČSN EN ISO 6888-1)	Food	-
9.21[1,5,6]	Enumeration of *Clostridium perfringens* by culture method	SOP OV 915 (ČSN EN ISO 15213-2)	Food	-
9.22[1,5,6]	Enumeration of total microorganisms by culture method	SOP OV 917 (ČSN EN ISO 4833-1)	Food	-
9.23[1,5,6]	Enumeration of yeasts and moulds by culture method	SOP OV 918 (ČSN ISO 21527-1; ČSN ISO 21527-2)	Food	-
9.24[1,6]	Enumeration of potentially toxinogenic moulds by culture	SOP OV 918.01 (AHEM 1/2003)	Food	D
9.25[1,5,6]	Detection and enumeration of *Enterobacteriaceae* by culture	SOP OV 919 (ČSN EN ISO 21528-1; ČSN EN ISO 21528-2)	Food	-
9.26[1,5,6]	Detection of *Salmonella* by culture method	SOP OV 920 (ČSN EN ISO 6579-1)	Food	-
9.27[1,5,6]	Detection and enumeration of *Listeria monocytogenes* by culture method	SOP OV 923 (ČSN EN ISO 11290-1; ČSN EN ISO 11290-2)	Food	-
9.28[1,6]	Detection and enumeration of *Campylobacter* by culture method	SOP OV 924 (ČSN EN ISO 10272-1; ČSN EN ISO 10272-2)	Food	-
9.29[1,5,6]	Enumeration of presumptive *Bacillus cereus* by culture method	SOP OV 925 (ČSN EN ISO 7932)	Food	-
9.30[1,5,6]	Detection and enumeration of thermotolerant coliform bacteria and *Escherichia coli* by culture method	SOP OV 904 (AHEM 1/2008)	Waste, solid samples	D
9.31[1,5,6]	Detection and enumeration of enterococci by culture	SOP OV 907 (AHEM 1/2008)	Waste, solid samples	D
9.32[1,5,6]	Detection of *Salmonella* by culture method	SOP OV 922 (AHEM 1/2008)	Waste, solid samples	D
9.33[1,5,6]	Determination of microbial contamination by culture	SOP OV 927 (ČSN 56 0100:1970, chapter VIII, clauses 144-148)	Areas, surfaces of objects, packaging material, PBU	-

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9.34[1,5,6]	Determination of microbial contamination by culture	SOP OV 928 (AHEM 1/2002; AHEM 4/2021)	Indoor, outdoor and working air, compressed gases[4]	D
9.35[5,6]	Determination of microbial contamination by culture	SOP OV 929.01 (AHEM 7/1992)	Sterile and unsterile products, areas	A, D
9.36[4]	Detection and enumeration of *Legionella* by culture method	SOP OV 913.05 (ČSN EN ISO 11731)	Swabs	-
9.37[1,5,6]	Sterility test by culture	SOP OV 929 (ČL, part 2.6.1)	Sterile products	D
9.38[1,6]	Enumeration and detection of aerobic mesophilic bacteria by culture method	SOP OV 983 (ČSN EN ISO 21149)	PBU	-
9.39[1,6]	Detection of *Pseudomonas aeruginosa by* culture method	SOP OV 984 (ČSN EN ISO 22717)	PBU	-
9.40[1,6]	Detection of *Staphylococcus aureus* by culture method	SOP OV 985 (ČSN EN ISO 22718)	PBU	-
9.41[1,6]	Detection of *Candida albicans* by culture method	SOP OV 986 (ČSN EN ISO 18416)	PBU	-
9.42[1,5,6]	Examination of biological indicators by culture	SOP OV 933 (AHEM 1/2014)	Biological indicators	D
9.43[1,5,6]	Verification of efficiency of sterilizers by chemical tests	SOP OV 933.01	Sterilizers	-
9.44[1,5,6]	Verification of efficiency of cleaning and disinfecting agents by chemical tests	SOP OV 933.02	Cleaning and disinfecting agents	-
9.45[1,6]	Detection of *Escherichia coli* by culture method	SOP OV 988 (ČSN EN ISO 21150)	PBU	-
9.46[1,6]	Quantitative determination of somatic coliphages	SOP OV 990 (ČSN EN ISO 10705-2)	Drinking, surface, ground water	A

[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.

[4] The numerical index at the test subject refers to the table "Specification of the scope of accreditation", where it is specified which location performs the test subjects. If no numerical index is given for a test subject, the test is provided by all locations specified by the numerical index at the test ordinal number.

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

Zdravotní ústav se sídlem v Ostravě
CAB number 1393, Hygienic Laboratories Centre
Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
1.5	**Location 1**: Fluorides, chlorides, nitrites, nitrates, phosphates, sulphates, bromates, chlorites, chlorates and nitrite nitrogen, nitrate nitrogen, phosphorus pentoxide (P2O5) and the sum of chlorates and chlorites by calculation from measured values **Location 5**: Fluorides, chlorides, nitrites, nitrates, phosphates, sulphates, bromides, bromates, chlorites, chlorates, nitrite nitrogen, nitrate nitrogen, phosphorus pentoxide (P2O5) and the sum of chlorates and chlorites by calculation from measured values **Location 6**: Fluorides, chlorides, nitrites, nitrates, phosphates, sulphates, bromates, chlorites, chlorates and nitrite nitrogen, nitrate nitrogen, phosphorus pentoxide (P2O5) and the sum of chlorates and chlorites by calculation from measured values
1.6	Fluorides, chlorides, nitrates, phosphates, sulphates and HF (hydrogen fluoride), HCl (hydrogen chloride, hydrochloric acid), HNO_3 (nitric acid), H_3PO_4 (phosphoric acid), H_2SO_4 (sulphuric acid), SO_3 (sulphur trioxide) by calculation from measured values
1.24	**Location 1 and 6**: aggressive carbon dioxide, forms of carbon dioxide **Location 5**: forms of carbon dioxide
1.30	Appearance (water bloom, waste pollution, natural pollution), transparency
1.77	Chloride, sulphate, nitrate, oxidable substances, ammonium, calcium and magnesium, acid-reacting substances, basic-reacting substances
1.80	Ammonia (NH_3), formaldehyde (HCHO)
1.86	ammonium, sulphides and acid sulphides, hyposulphite, primary aromatic amines, Ba
2.2	Assessment of appearance and consistency, olfactoric determination, and gustatoric determination
3.1	**Location 1:** Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr_{total},Cu, Fe, I, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, U, V, W, Zn, Eu, Gd, La, Tb, Y and silicate, SiO_2, P_20_5 and hardness (Ca+Mg, $CaCO_3$) by calculation from measured values. **Location 5:** Ag, Al, As, B, Ba, Be, Ca, Cd, Co, $Cr_{total,}$ Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, U, V, W, Zn and silicate, $SiO_{2,}$ P_20_5 and hardness (Ca+Mg, $CaCO_3$) by calculation from measured values **Location 6:** Ag, Al, As, B, Ba, Be, Ca, Cd, Co, $Cr_{total,}$ Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Tl, U, V, Zn and hardness(Ca+Mg, $CaCO_3$) by calculation from measured values
3.2	**Location 1:** As, Ba, Be, Cd, Co, Cu, Crtotal, Fe, Mn, Mo, Ni, Pb, Sb, Sn, Sr, Tl, Zn **Location 6:** As, Ba, Be, Ca, Cd, Co, Cr, Cu, P, K, Mo, Mg, Ni, Pb, V, Zn
3.3	**Location 1:** Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cu, Cr_{total}, Fe, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sn, Sr, Ti, Tl, V, W, Zn and CaO, MgO, KOH, NaOH by calculation from measured values **Location 6:** Pb, Cr, Ni, Mn a Zn
3.4	Blood: Al, As, Cd, Co, Cr_{total}, Cu, Li, Ni, Pb, Se, Zn Urine: As, Cd, Co, Cr_{total}, Cu, I, Ni, Se, Zn
3.5	Al, As, Ba, Ca, Cd, Co, Cu, Cr_{total}, Fe, I, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Sn, Sr, V, Zn, P_20_5 and NaCl by calculation from measured values
3.6	**Location 1:** Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cu, Cr_{total}, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, Tl, V, Zn and K_2O, P_2O_5, SiO_2, silicate and hardness (Ca+Mg, $CaCO_3$) by calculation from measured values **Location 6:** Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cu, Cr_{total},Fe, K, Mg, Mn, Mo Na, Ni, P, Pb, Se, Sb, Sn, V, Zn and $P_2O_{5,}$ hardness (Ca+Mg, $CaCO_3$) by calculation from measured values
3.7	**Location 1:** Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cu, Cr_{total}, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Sn, Sr, Tl, V, Zn and K_2O, P_2O_5, CaO, MgO by calculation from measured values **Location 6:** As, Ba, Be, Ca, Cd, Co, Cu, Cr_{total},K, Mg, Mo, Ni, P, Pb, V, Zn, K_2O, P_2O_5, CaO, MgO by calculation from measured values
3.8	Al, Ba, Ca, Cu, Fe, K, Mg, Mn, Na, P, Sn, Sr, Zn and P_2O_5 and NaCl by calculation from measured values
3.9	Al, As, Ba, Ca, Cd, Cr_{total}, Cu, Fe,, Hg, K, Mg, Mn, Ni, Pb, Sb, Se, Si, Sn,Ti, Tl, U, V, Zn and MgO, Al_2O_3, SiO_2, K_2O, CaO, TiO_2, MnO, Fe_2O_3, $CaCO_3$, $MgCO_3$ by calculation from measured values

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

Zdravotní ústav se sídlem v Ostravě
CAB number 1393, Hygienic Laboratories Centre
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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
4.2	Acesulfam, saccharine, aspartame, caffeine, sorbic acid, benzoic acid, p- hydroxybenzoic acid, 2-phenoxyethanol, 1-fenoxy-2-propanol, methyl-, ethyl- propyl-, butyl-, isobutyl- and benzylester of hydroxybenzoic acid
4.5	Formaldehyde, acetaldehyde, acetone, acroleine, propionaldehyde, crotonaldehyde, butyraldehyde, benzaldehyde,valeraldehyde, m- tolualdehyde, hexaldehyde, methylethyl ketone, methacroleine
4.12	Toluene-2,6-diisocyanate, toluene-2,4-diisocyanate, 1,6-hexamethylendiisocyanate, 4,4´-methylenbisphenyldiisocyanate
4.13	Dimethylphthalate, diethylphthalate, di-n-butylphthalate, benzylbutylphthalate, bis(2-ethylhexyl)phthalate (di(2-ethylhexyl)phthalate, DEHP), di-n-octylphthalate, di-isodecylphthalate, di-isononylphthalate, n-octyl-n-decylphthalate, di-n-decylphthalate, diisobutyl-phthalate
4.15	Butyric acid (c4:0), capronic acid (c6:0), caprylic acid (c8:0), capric acid (c10:0), undecanoic acid (c11:0), lauric acid (c12:0), tridecanoic acid (c13:0), myristic acid (c14:0), myristoleic acid (c14:1), pentadecanoic acid (c15:0), cis-10-pentadecenoic acid (c15:1), palmitic acid (c16:0), palmitoleic acid (c16:1), heptadecanoic acid (c17:0), cis-10-heptadecenoic acid (c17:1), stearic acid (c18:0), elaidic acid (c18:1n9t), oleic acid (c18:1n9c), linolelaidic acid (c18:2n6t), linoleic acid (c18:2n6c), arachic acid (c20:0), gamma-linolenic acid (c18:3n6), cis-11-eicosanoic acid (c20:1) gong, alpha-linolenic acid (c18:3n3), heneicosanoic acid (c21:0), cis-11,14-eicosadienoic acid (c20:2), behenic acid (c22:0), cis-8,11,14-eicosatrienoic acid (c20:3n6), erucic acid (c22:1n9), cis-11,14,17-eicosatrienoic acid (c20:3n3), arachidonic acid (c20:4n6), tricosanoic acid (c23:0), cis-13,16-docosadienoic acid (c22: 2), lignoceric acid (c24:0), cis-5,8,11,14,17-eicosapentaenoic acid (c20:5n3), nervonic acid (c24:1), cis-4,7,10,13,16,19-docosahexaenoic acid (c22:6n3)
4.16	Metylhippuric acids (o, m and p), pyromucic acid, PAH metabolites (1-hydroxypyrene)
4.17	Methanol, 2-propanol (isopropanol)
4.22	alphaHCH, betaHCH, gammaHCH (lindane), delta HCH, HCB (hexachlorobenzene), aldrin, dieldrin, endrin, heptachlor, trans-chlordan, cis-chlordan, nonachlor, methoxychlor, opDDT, ppDDT, opDDD, ppDDD, opDDE, ppDDE, endosulfan I (alpha) and II (beta), trans-heptachloroepoxide, cis-heptachloroepoxide, isodrin, trifluralin, pentachlorobenzene.
4.23	**Location 3**: alphaHCH, betaHCH, gammaHCH (lindane), delta HCH, HCB (hexachlorobenzene), opDDT, ppDDT, opDDD, ppDDD, opDDE, ppDDE, **Location 6:** alphaHCH, betaHCH gammaHCH (lindane), HCB (hexachlorobenzene), ppDDE, ppDDD, opDDT, ppDDT,opDDD, opDDE
4.25	**Location 3, 6**: acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, dibenzo(a,h)anthracene, phenanthrene, fluoranthene, fluorene, chrysene, indeno(1,2,3-cd)pyrene, naphthalene, pyrene **Location 5:** benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, indeno(1,2,3-cd)pyrene
4.26	Acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, dibenzo(ah)anthracene, phenanthrene, fluoranthene, fluorene, chrysene, indeno(1,2,3-cd)pyrene, naphthalene, pyrene
4.27	Acenaphthene, acenaphthylene, anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, dibenzo(ah)anthracene, phenanthrene, fluoranthene, fluorene, chrysene, indeno(1,2,3-cd)pyrene, naphthalene, pyrene, benzo(j)fluoranthene.
4.28	Anthracene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(ghi)perylene, benzo(k)fluoranthene, dibenzo(ah)anthracene, phenanthrene, fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, naphthalene, pyrene.
4.29	Naphthalene, acenaphthylene, fluorene, phenanthrene, anthracene, fluoranthene, pyrene, chrysene, benzo(a)anthracene, benzo(k)fluoranthene, benzo(b)fluoranthene, benzo(a)pyrene, indeno(1,2,3-cd)pyrene, dibenzo(ah)anthracene, benzo(ghi)perylene.
4.30,4.31	PCB 28, PCB 52, PCB 101, PCB 118, PCB 138, PCB 153, PCB 180
4.32	Sorbitol, mannitol, inulin, fructose, glucose, saccharose, maltose and lactose.

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
4.33	E 102-tartrazine, E 104- quinoline yellow, E 110 – yellow SY, E 122- azorubine, E 123- amarant, E 124- ponceau 4R, E 127- eryhthrosine, E 131- patent blue, E132-indigotine, E 133- brillant blue FCF, E 151- black BN, E 129- allure red AC
4.34	**Location 3**: 1,1-dichlorethen e(1,1-DCE), dichloromethane (DCM), trans-1,2-dichloroethene (1,2-DCE trans), 1,1-dichlorethane (1,1-DCA), 2,2-dichloropropane (2,2-DCPA), cis-1,2-dichloroethene (1,2-DCE cis), trichloromethane (chloroform), bromochloromethane, 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloropropene (1,1-DCPE), tetrachloromethane, 1,2-dichloroethane (1,2-DCA), benzene, trichloroethene (TCE),1,2-dichloropropane (1,2-DCPA), dichlorobromomethane, dibromomethane, cis-1,3-dichloropropene (1,3-DCPE cis), trans-1,3-dichloropropene (1,3-DCPE trans), toluene, 1,1,2-trichloroethane (1,1,2-TCA), 1,3-dichloropropane (1,3-DCPA), 2-bromo-1-chloropropane, tetrachloroethene (PCE), dibromochloromethane, 1,2-dibromoethane, 1,1,1,2-tetrachlorooethane (1,1,1,2-TCA), chlorobenzene, etylbenzene, m,p-xylene, o-xylene, styrene, isopropylbenzene, bromoform, 1,1,2,2-tetrachloroethane, 1,2,3-trichloropropane (1,2,3-TCPA), propylbenzene, 1,3,5-trimetylbenzene (1,3,5-TMB), bromobenzene, 2-chlorotoluene, 4-chlorotoluene, terc-butylbenzene, 1,2,4-trimethylbenzene (1,2,4-TMB), 1,2,3-trimethylbenzene (1,2,3-TMB), sec-butylbenzene, p-isopropyltoluene (p-cymene), 1,3-dichlorobenzene (m-dichlorobenzene), 1,4-dichlorobenzene (p-dichlorobenzene), 1,2-dichlorobenzene (o-dichlorobenzene), butylbenzene, 1,2-dibromo-3-chloropropane, 1,2,4-trichlorobenzene (1,2,4-TCB), hexachlorobutadiene, naphalene, 1,2,3-trichlorobenzene (1,2,3-TCB), vinylchloride (chloroethene), epichlorohydrine, 1,3,5-trichlorobenzene (1,3,5-TCB) **Location 5:** 1,1-dichloroethene (1,1-DCE), dichloromethane (DCM), trans-1,2-dichloroethene (1,2-DCE trans), 1,1-dichloroethane (1,1-DCA), 2,2-dichloropropane (2,2-DCPA), cis-1,2-dichloroethene (1,2-DCE cis), trichloromethane (chloroform), bromochloromethane, 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloropropene (1,1-DCPE), tetrachloromethane, 1,2-dichloroethane (1,2-DCA), benzene, trichloroethene (TCE), 1,2-dichloropropane (1,2-DCPA), dichlorobromomethane, dibromomethane, cis-1,3-dichloropropene (1,3-DCPE cis), trans-1,3-dichloropropene (1,3-DCPE trans), toluene, 1,1,2-trichloroethane (1,1,2-TCA), 1,3-dichloropropane (1,3-DCPA), tetrachloroethene (PCE), dibromochloromethane, 1,2-dibromoethane, 1,1,1,2-tetrachloroethane (1,1,1,2-TCA), chlorobenzene, ethylbenzene, m,p-xylene, o-xylene, styrene, isopropylbenzene, bromoform, 1,1,2,2-tetrachloroethane, 1,2,3-trichloropropane (1,2,3-TCPA), propylbenzene, 1,3,5-trimethylbenzene (1,3,5-TMB), bromobenzene, 2-chlorotoluene, 4-chlorotoluene, terc-butylbenzene, 1,2,4-trimethylbenzene (1,2,4-TMB), sec-butylbenzene, p-isopropyltoluene (p-cymene), 1,3-dichlorobenzene (m-dichlorobenzene), 1,4-dichlorobenzene, (p-dichlorobenzene), 1,2-dichlorobenzene (o-dichlorobenzene), butylbenzene, 1,2-dibromo-3-chloropropane, 1,2,4-trichlorobenzene (1,2,4-TCB), hexachlorobutadiene, naphthalene, 1,2,3-trichlorobenzene (1,2,3-TCB), vinylchloride (chloroethene) **Location 6:** Dichloromethane (DCM), trans 1,2-dichloroethene (1,2-DCE trans), cis 1,2-dichloroethene (1,2-DCE cis), trichloromethane (chloroform), tetrachloromethane, benzene, 1,2-dichloroethane (1,2-DCA), trichloroethene (TCE), bromodichloromethane, toluene, tetrachloroethene (PCE), dibromochloromethane, chlorobenzene, etylbenzene, m-xylene, styrene, bromoform
4.35	**Location 3:** 1,1-dichloroethene (1,1-DCE) , dichloromethane (DCM), trans-1,2-dichloroethene (1,2-DCE trans), 1,2-dichloroethane (1,1-DCA), 2,2-dichloropropane (2,2-DCPA), cis-1,2-dichloroethene (1,2-DCE cis), trichloromethane (chloroform), bromochloromethane, 1,1,1-trichloroethane (1,1,1-TCA), 1,1-dichloropropene (1,1-DCPE), tetrachloromethane, 1,2-dichloroethane (1,2-DCA), benzene, trichloroethene (TCE), 1,2-dichloropropane (1,2-DCPA), dichlorobromomethane, dibromoomethane, cis-1,3-dichloropropene (1,3-DCPE cis), toluene, trans-1,3-dichloropropene (1,3-DCPE trans), 1,1,2-trichloroethane (1,1,2-TCA), 1,3-dichloropropane (1,3-DCPA), 2-bromo-1-chloropropane, tetrachloroethene (PCE), dibromochloromethane, 1,2-dibromoethane, 1,1,1,2-tetrachloroethane, chlorobenzene, ethylbenzene, m,p-xylene, o-xylene, styrene, isopropylbenzene, bromoform, 1,1,2,2-tetrachloroethane (1,1,2,2-TCA), 1,2,3-trichloropropane (1,2,3-TCPA), propylbenzene, 1,3,5-trimethylbenzene (1,3,5-TMB), bromobenzene, 2-chlorotoluene, 4-chlorotoluene, terc-butylbenzene, 1,2,4-trimethylbenzene (1,2,4-TMB), 1,2,3-trimethylbenzene (1,2,3-TMB), sec-butylbenzene, p-isopropyltoluene (p-cymene), 1,3-dichlorobenzene (m-dichlorobenzene),1,4-dichlorobenzene (p-dichlorobenzene), butylbenzene, 1,2-dichlorobenzene (o –dichlorobenzene), 1,2-dibromo-3-chloropropane,1,2,4-trichlorobenzene (1,2,4-TCB), hexachlorobutadiene, naphthalene, 1,2,3 –trichlorobenzene (1,2,3-TCB), vinylchloride (chloroethene)

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Ordinal test number	Detailed information on activities within the scope of accreditation (determined analytes)
	Location 6: 1,1-dichloroethene (1,1-DCE),dichloromethane (DCM), trans-1,2-dichlorethene (1,2-DCE trans), cis-1,2-dichloroethene (1,2-DCE cis), trichloroethene (TCE), tetrachloroethene (PCE), 1,3-dichlorobenzene (1,3-DCB), 1,4-dichlorobenzene (1,4-DCB), 1,2-dichlorobenzene (1,2-DCB), 1,1,1-trichloroethane, benzene, chloroform, chlorobenzene, ethylbenezene, toluene, styrene, m,p-xylene, o-xylene.
4.36	**Location 3:** 1,2,3-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1-methoxy-2-propanol, 2-methoxymethylethylacetate (1-mehoxy-2-propyl-acetate), 2-butanol, 2-butoxyethanol, 2-butoxyethyl-acetate, 2-ethoxyethanol, 2-ethoxyetyl-acetate, 2-methoxyethanol, 2-methoxyethyl-acetate, 4-hydroxy-4-metyl-2-pentanone, acetone, aniline, benzene, benzines, butylacrylate, cyclohexanone, dichloromethane, ethanol, ethylacetate, ethylacrylate, ethylbenzene, ethylenoxide, phenol, furfurylalcohol, 2-methyl-1-propanol (isobutanol), isobutylacetate, isopropanol, isopropylbenzene, cresols, acetic acid, methanol, methylacetate, methyl(ethyl)ketone (2-butanon), methylmetacrylate, N,N-diethylaniline, n-butanol (1-butanol), n-butyl-acetate, N-ethylaniline, nitrobenzene, n-propanol, propylacetate, propylbenzene, styrene, tetrachloroethene, tetrachloromethane, toluene, trichloroethene, trichloromethane (chloroform), xylenes (m,p-xylene, o-xylene), cyclohexane, epichlorohydrine, isoamylacetate, chloroethene (vinylchloride), 1,1-dichloroethene, 1,2-dichloroethane, trans-1,2- dichloroethene, cis-1,2- dichloroethene, chlorobenzene, solvent naphtha, benzylalcohol, 1-butoxy-2-propanol, 2-(2-butoxyetoxy)ethanol, 1,2-ethandiol, 4-methyl-2-pentanone (isobutyl(methyl)ketone), methyl methoxyacetate, pentane, 2-ethylhexanol. **Location 6:** n-hexane, i-heptane, acetone, ethyl acetate, 2-butanone, i-butyl acetate, toluene, n-butyl acetate, i-butanol, ethylbenzene, xylenes (3 isomers: o-, m-, p-), n-butanol, i-propylbenzene, n-propylbenzene, methoxypropylacetate, 1,3,5-trimetylbenzene, styrene, cyclohexanone, diacetonalcohol, 2-butoxyethanol, butoxyethylacetate, ethanol, cyclohexane, benzene, pentane, hexane, heptane, octane,1,2,4-Trimethylbenzene, nonane, vinyltoluene (methylstyrene), decane, undecane, dodecane, tridecane, tetradecane, pentadecane, hexadecane, benzines (defined as the sum of C5 to C16 according to the proportion of individual fractions), methylmethacrylate, tetrachloroethene, dicyclopentadiene, α-pinene, d-limonene, inalool, linalylacetate.
4.39	Vitamin C, vitamins B1, B2, B3, B5 and B6, vitamins A, E
4.40	Acetochlor, acetochlor ESA, acetochlor OA, atrazine, atrazine-desethyl (desethylatrazine), atrazine-desisopropyl, atrazine desethyl-desisopropyl, 2-hydroxyatrazine (atrazine-hydroxy), alachlor, alachlor ESA, alachlor OA, azoxystrobin, bentazone, boscalid, carbendazim, carboxin, clomazone, clopyralid, cyanazine, cyproconazole, cyprodinyl, desmedipham, desmethryn, desphenyl-chloridazon, difenoconazole, diflufenican, dichlormid, dichlorprop (2,4-DP), dichlorvos, dimetachlor, dimetachlor ESA, dimetachlor OA, dimetachlor CGA 369873, dimetachlor CGA 373464, dimethenamid ESA, dimethenamid OA, dicamba, dimethenamid, dimethoate, dimoxystrobin, epoxiconazol, ethofumesate, fenhexamid, fenpropidin, fenpropimorph, fenuron, flufenacet, flufenacet ESA, fluroxypyr, flusilazol, fluazifop-butyl, haloxyfop-metyl, hexazinon, chloridazon (pyrazon), chloridazon methyldesphenyl, chlorfenvinfos, chlorotoluron, chlorotoluron-desmethyl, chlorpyrifos, iprovalicarb, isoproturon, isoproturon-desmethyl, kresoxim-methyl, lenacil, linuron, MCPA, MCPB, MCPP, mefenpyr-dietyl, mesotrion, metamitron, metazachlor, metazachlor ESA, metazachlor OA, metconazole, methoxyfenozid, metobromuron, metolachlor, metolachlor ESA, metolachlor OA, metoxuron, metribuzin, metribuzin desamino, metribuzin desaminodiketo pendimetalin, pethoxamid, pethoxymid ESA, phenmedipham, picloram, picoxystrobin, prochloraz, prometryn, propachlor ESA, propamocarb, propiconazole, pyrimethanil, quizalofop, quinmerac, quinoxyfen, sebutylazin, simazine, spiroxamin, thiophanat-metyl, tebuconazol, terbutryn, terbuthylazine, terbuthylazine-hydroxy, terbuthylazine-desethyl, thiaclopirid, trifloxystrobin, trinexapac-ethyl, 2,4-D (2,4-dichlorophenoxyacetic acid), 2,6 – dichlorobenzamide
4.42	Perfluorobutanoic acid (PFBA), perfluorobutanesulfonic acid (PFBS), perfluorodecanoic acid (PFDA), perfluorododecanoic acid (PFDoDA), perfluorododecanesulfonic acid (PFDoS), perfluorodecanesulfonic acid (PFDS), perfluoroheptanoic acid (PFHpA), perfluoroheptanesulfonic acid (PFHpS), perfluorohexanoic acid (PFHxA), perfluorohexanesulfonic acid (PFHxS), perfluorononanoic acid (PFNA), perfluorononane sulfonic acid (PFNS), perfluorooctanoic acid (PFOA), perfluorooctane sulfonic acid (PFOS), perfluoropentanoic acid (PFPA), perfluoropentanesulfonic acid (PFPS), perfluorotridecanoic acid (PFTrDA), perfluorotridecanesulfonic acid (PFTrDS), perfluoroundecanoic acid (PFUnDA), perfluoroundecanesulfonic acid (PFUnDS), selected sums.

The Appendix is an integral part of
Certificate of Accreditation No: 136/2026 of 23/03/2026

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4.43	Bromoacetic, dibromoacetic, dichloroacetic, chloroacetic, trichloroacetic acid
4.44	Nonylphenol, 4-tert-octylphenol, 4-n-nonylphenol
5.4	Mineral fibres (including asbestos) are natural or man-made fibres meeting the requirements for respirable fibres (length > 5 µm, diameter < 3µm, length/diameter ratio at least 3 : 1).
5.5	Ammonia (NH_3), chlorine (Cl_2), nitrogen dioxide (NO_2), nitrogen oxide (NO), hydrogen sulphide (H_2S), sulphur dioxide (SO_2), hydrogen cyanide (HCN), carbon dioxide (CO_2), ozone (O3), carbon monoxide (CO), carbon sulphide (CS_2), phenol, nitrous gases (NO_x), hydrogen (H_2), hydrogen peroxide (H_2O_2). GASTEC and Drager detection tubes
5.9	Sulphur dioxide (SO_2), sulphane (H_2S), carbon monoxide (CO), nitrogen oxide (NO), nitrogen dioxide (NO_2), oxygen (O_2), ammonia (NH_3)
5.14	Fractions from 0.30 to 25.0 µm
6.10	Resulting temperature of spherical thermometer, air temperature, relative air humidity, air flow velocity, operating temperature by calculation from measured values.

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (tested object)
1.1	**Location 1, 5, 6**: drinking, ground, surface, bathing water **Location 1**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.2	**Location 1, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process water **Location 1, 5, 6**: bottled water **Location 1, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.4	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
1.5	**Location 1, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process water **Location 1, 5, 6**: bottled water **Location 1, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.8	**Location 1, 5, 6**: surface, ground, waste, process water **Location 6**: drinking water
1.10	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
1.11	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.14	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.15	**Location 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process **Location 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.16	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.17	Water - drinking, hot, surface, ground, bathing, waste, process
1.18	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
1.20	**Location 1, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process water **Location 1, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.21	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.22	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials

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Ordinal test number	Detailed information on activities within the scope of accreditation (tested object)
1.23	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.24	**Location 1, 5, 6**: water – drinking, hot, surface, ground, bathing, waste, process **Location 1**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.25	**Location 1, 5, 6**: drinking, surface, ground water **Location 1**: bottled water
1.26, 1.27	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.28	Water - drinking, hot, surface, ground, bathing, waste, process
1.29	**Location 1, 5, 6**: drinking, ground, surface, bathing, hot water **Location 1**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.32	**Location 1, 5, 6**: drinking, ground, surface, waste, process water **Location 1**: bottled water **Location 1, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.35	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.36	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.37	**Location 1, 5, 6**: water – drinking, hot, surface, ground, bathing, waste, process **Location 1**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.38	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.40	**Location 1, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process water **Location 1, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.42	**Location 1, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process water **Location 1, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.43	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
1.45	**Location 1, 5, 6**: waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge **Location 1**: materials - consumer goods (PBU), materials for contact with water and for water treatment, materials for contact with skin, medical devices
1.48	Water - drinking, hot, surface, ground, bathing, waste, process
1.49	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.50	**Location 1, 5, 6**: drinking, hot, bottled, ground, surface, bathing water **Location 1**: purified water **Location 1**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.51	**Location 1, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process; bottled water **Location 1**: extracts - aqueous extracts of waste and solid samples, extracts of materials
1.52	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
1.53	Water - drinking, hot, surface, ground, bathing, waste, process; extracts - aqueous extracts of waste and solid samples, extracts of materials
1.54	**Location 1, 5, 6**: drinking, hot, bottled, bathing, ground, surface, purified water **Location 1**: extracts of materials
1.55	Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.57	**Location 1, 5, 6**: drinking, hot, bottled, bathing, ground, surface, purified water **Location 1**: extracts of materials
1.59	**Location 1, 5, 6**: drinking, hot, bottled, bathing, ground, surface, purified water **Location 1**: extracts of materials
1.60	Extracts - aqueous extracts of waste and solid samples, extracts of materials

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Ordinal test number	Detailed information on activities within the scope of accreditation (tested object)
1.61	**Location 1, 5, 6**: drinking, hot, bottled, bathing, ground, surface, purified water **Location 1**: extracts of materials
1.62	Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.63, 1.64, 1.65	**Location 1, 5**: drinking, hot, bottled, bathing, ground, surface, purified water **Location 1**: extracts of materials
1.69	Water - drinking, hot, surface, ground, bathing, waste, process
1.70	Water - drinking, hot, surface, ground, bathing, waste, process
1.74	Water - drinking, hot, surface, ground, bathing, waste, process
1.83	Materials - consumer goods (PBU), materials for contact with water and for water treatment, materials for contact with skin, medical devices
1.84	Materials - consumer goods (PBU), materials for contact with water and for water treatment, materials for contact with skin, medical devices Extracts - aqueous extracts of waste and solid samples, extracts of materials
1.89	Materials - consumer goods (PBU), materials for contact with water and for water treatment, materials for contact with skin, medical devices
2.2	PBU - toys, materials for contact with food, cosmetics, products for children under three years of age, products in direct contact with the human body (through the skin or mucous membranes)
3.1	**Location 1, 5, 6**: water – drinking, hot, surface, ground, bathing, waste, process **Location 1, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials **Location 1**: dialyzates from DGT samplers
3.2	**Location 1, 6**: waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge **Location 1**: materials - consumer goods (PBU), materials for contact with water and for water treatment, materials for contact with skin, medical devices
3.6	**Location 1, 6**: water - drinking, hot, surface, ground, bathing, waste, process; extracts - aqueous extracts of waste and solid samples, extracts of materials **Location 1**: dialyzates from DGT samplers
3.7	**Location 1, 6**: waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge **Location 1**: materials - consumer goods (PBU), materials for contact with water and for water treatment, materials for contact with skin, medical devices
3.9	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge; materials - consumer goods (PBU), materials for contact with water or treatment of water, materials for contact with skin, medical devices
3.10	**Location 1, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process; bottled water; purified water **Location 1, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials; waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge; indoor, outdoor and working air **Location 1**: mineral oils; dialyzates from DGT samplers; emissions; feed; food; materials - consumer goods (PBU), materials for contact with water or treatment of water, materials for contact with skin, medical devices
4.3	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
4.6	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
4.7	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
4.9	Water - drinking, hot, surface, ground, bathing, waste, process
4.10	Water - drinking, hot, surface, ground, bathing, waste, process; purified water Extracts - aqueous extracts of waste and solid samples, extracts of materials
4.11	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge

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Ordinal test number	Detailed information on activities within the scope of accreditation (tested object)
4.13	Materials - consumer goods (PBU), materials for contact with water and for water treatment, materials for contact with skin, medical devices, plastics, rubber Extracts - aqueous extracts of waste and solid samples, extracts of materials
4.18	**Location 3, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process **Location 3**: bottled water **Location 3, 6**: extracts - aqueous extracts of waste and solid samples, extracts of materials
4.19	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
4.21	Extracts - aqueous extracts of waste and solid samples, extracts of materials
4.22	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
4.23	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
4.24	Water - drinking, hot, surface, ground, bathing, waste, process Extracts - aqueous extracts of waste and solid samples, extracts of materials
4.25	**Location 3, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process **Location 3**: bottled water; extracts - aqueous extracts of waste and solid samples, extracts of materials
4.26	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
4.30	**Location 3, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process **Location 3**: bottled water; extracts - aqueous extracts of waste and solid samples, extracts of materials
4.31	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge; materials - consumer goods (PBU), materials for contact with water or treatment of water, materials for contact with skin, medical devices
4.34	**Location 3, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process **Location 3**: bottled water; extracts - aqueous extracts of waste and solid samples, extracts of materials
4.35	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
4.37	**Location 3, 5, 6**: water – drinking, hot, surface, ground, bathing, waste, process **Location 3**: bottled water
4.38	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
4.41	Materials - consumer goods (PBU), materials for contact with water and for water treatment, materials for contact with skin, medical devices
4.44	Water - drinking, hot, surface, ground, bathing, waste, process
5.9	**Location 1, 2, 3, 5, 6, 7, 9, 11, 12**: indoor, outdoor and working air **Location 1**: compressed gases
5.13	**Location 1, 2, 3, 5, 6, 7, 9, 11, 12, 14**: indoor, outdoor and working air **Location 1**: compressed gases
6.10	**Location 1, 2, 3, 6, 7, 9-11**: workplace and non-workplace environment **Location 1**: clean rooms and zones
7.1-7.4	Extracts - aqueous extracts of waste and solid samples, extracts of materials
7.5	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
9.1-9.4 9.6-9.9 9.11, 9.13, 9.16	Water - drinking, hot, surface, ground, bathing, waste, process
9.5	**Location 1, 5, 6**: water - drinking, hot, surface, ground, bathing, waste, process; bottled water **Location 1**: purified water
9.14	**Location 1, 5, 6**: purified water **Location 1, 6**: non-sterile products - food supplements, cosmetics, veterinary products and medical devices
9.30-9.32	Waste - solid and liquid waste, biodegradable waste; solid samples - soils, sands, sediments, sludge
9.33, 9.38- 9.41, 9.45	PBU - toys, materials for contact with food, cosmetics, products for children under three years of age, products in direct contact with the human body (through the skin or mucous membranes)

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Ordinal test number	Detailed information on activities within the scope of accreditation (tested object)
9.34	**Location 1, 5, 6**: indoor, outdoor and working air **Location 1**: compressed gases
9.35	Sterile products - sterile water, medical devices Non-sterile products - food supplements, cosmetics, veterinary products and medical devices
9.37	Sterile products - sterile water, medical devices

Specification of the scope of accreditation:

Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
1.80	Hygienic Regulations of the Ministry of Health, Vol. 52/1981, No. 60 – Guideline for the determination of the content of pollutants in the air (uniform analytical methods) – Annex No. 1, 5, 17 and 20
2.3	ČSN 56 0116-7; ČSN 56 0130-5, method A; ČSN 56 0146-5; ČSN 56 0160-7, method D; ČSN 56 0186-11; ČSN 56 0240-8; ČSN 56 0246-18; ČSN 56 0512-15; ČSN 58 1361, cl. 15; ČSN 58 0120, cl. 30; J. Davídek et al.: Laboratory Guide to Food Analysis, 1977, First issue, page 240-241
2.4	ČSN 46 1011-18; ČSN ISO 1871; ČSN 56 0116-9; ČSN 56 0186-12; ČSN EN 12135; ČSN 56 0512-12; ČSN EN ISO 3188; ČSN 57 0105-5:1985; ČSN 57 0111-5; ČSN 57 0153:1987; ČSN EN ISO 8968-1; ČSN ISO 937; ČSN 58 0703-7; J. Davídek et al.: Laboratory Guide to Food Analysis, 1977, First issue, page 182-183; ČSN 56 0146, cl. 52; ČSN 56 0140, cl. 30; ČSN 57 0107, cl. 17; ČSN 56 0188, cl. 19
2.5	ČSN 56 0186-5; ČSN 56 0210-4, Ministry of Agriculture of the Czech Republic: Official Alcohol Metering Tables - Part 1, Prague 1995; J. Davídek et al.: Laboratory Guide to Food Analysis, 1977, First issue, page 437
2.6	ČSN 56 0116-5; ČSN 56 0232, cl. 59; ČSN 56 0290-5; ČSN 57 0107-12:1982; ČSN ISO 1841-1; ČSN 58 0111, cl. 13; ČSN 58 0170-7; ČSN 58 0703-4; ČSN 58 1361, cl. 18; ČSN 58 8769:1995; ČSN 58 8770:1995; ČSN ISO 1738; ČSN 57 0135, cl. 16, 17; ČSN ISO 1841-1; ČSN 58 0120, cl. 28, 29; A. Príbela : Analysis of natural substances in food, 1978, 1st issue, page 66-68
2.7	ČSN 56 0116-10:1995; ČSN 56 0130-7; ČSN 56 0176-11; ČSN 56 0240-5; ČSN 56 0246-13; ČSN ISO 750; ČSN EN 12147; ČSN 56 0512-9; ČSN 57 0105-8:1981; ČSN 57 0107, cl. 21; ČSN 57 0190, cl. 15; ČSN 58 0170-6; ČSN 58 0703-10; ČSN 58 1361, cl. 16; ČSN 56 0115, cl. 31; ČSN 56 0177, cl. 30; ČSN 56 0188, cl. 20; ČSN 58 0120, cl. 31; J. Davídek et al.: Laboratory Guide to Food Analysis, 1977, First issue, page 392-393
2.8	ČSN ISO 5523; A. Príbela: Analysis of foreign matter in food, 1974, 1st issue, page 97-101
2.9	ČSN ISO 11289; ČSN 56 0160-4; ČSN 56 0186 -7; ČSN 56 0210, cl. 26; ČSN EN 1132; ČSN ISO 1842; ČSN 57 0111-12; ČSN ISO 2917; ČSN 58 0111, cl. 9; ČSN 58 0703-9; Analysis of natural substances in food, 1978, 1st issue, page 334-335
2.10	ČSN 56 0115, cl. 29; ČSN 56 0116-4; ČSN 56 0130-4; ČSN 56 0146-6; ČSN 56 0160-6; ČSN 56 0232, cl. 49, 50; ČSN 56 0240-9; ČSN 56 0246-11; ČSN EN 1135; ČSN 56 0512-8:1993; ČSN 57 0107, cl. 18; ČSN ISO 936; ČSN 58 0113, cl. 39; ČSN ISO 1575; ČSN ISO 7514; ČSN 58 0703-11; ČSN 58 1361, cl. 14; ČSN ISO 6884; ČSN ISO 928; ČSN ISO 3593; ČSN ISO 2171; ČSN 56 0188, cl. 18; J. Davídek et al.: Laboratory Guide to Food Analysis, 1977, First issue, page 134
2.11	ČSN EN ISO 665; ČSN 56 0115, cl. 28; ČSN 56 0116-3; ČSN 56 0130-3; ČSN 56 0140, cl. 22; ČSN 56 0146-3; ČSN 56 0160-3; ČSN 56 0232, cl. 45-47; ČSN 56 0246-10; ČSN 56 0290-4; ČSN 56 0512-7:1993; ČSN 56 0520-6; ČSN EN ISO 1666; ČSN 57 0104-3:1985; ČSN 57 0105-3; ČSN 57 0105-13; ČSN ISO 6731; ČSN EN ISO 5534; ČSN EN ISO 3727-1; ČSN 57 6021; ČSN 58 0111, cl. 10; ČSN ISO 1573; ČSN ISO 7513; ČSN 58 0703-5; ČSN ISO 6673:1998; ČSN ISO 11294; ČSN 58 8758:1995; ČSN 58 1361, cl. 13; ČSN 46 1011-20; ČSN ISO 13580; ČSN ISO 6734; ČSN 58 0170-4; ČSN 58 0114:2001; ČSN ISO 3728; ČSN 46 3096; ČSN 56 0188, cl. 17; ČSN EN 12145; ČSN 58 0120, cl. 21; J. Davídek et al.: Laboratory Guide to Food Analysis, 1977, First issue, page 118-119; Regulation (EU) No. 1169/2011 of the European Parliament and of the Council

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Ordinal test number	Detailed information on activities within the scope of accreditation (source literature)
2.13	ČSN ISO 7302:1996; ČSN EN ISO 659; ČSN 56 0116-6; ČSN 56 0130-6; ČSN 56 0146-4; ČSN 56 0232 cl. 52; ČSN 56 0290-6; ČSN 56 0512-18:1995; ČSN 57 0104-4; ČSN EN ISO 7328; ČSN 57 0146, cl. 20; ČSN ISO 1443; ČSN EN ISO 1211; ČSN EN ISO 1737; ČSN EN ISO 8381; ČSN EN ISO 7208; ČSN ISO 8262-1:1999; ČSN ISO 8262-2:1999; ČSN ISO 8262-3:1999; ČSN EN ISO 2450; ČSN EN ISO 1736; ČSN EN ISO 23319; ČSN EN ISO 1854; ČSN EN ISO 17189; ČSN 57 2301, cl. 5.6; ČSN ISO 1444; ČSN 58 0110, cl. 43; ČSN 58 0120, cl. 23; ČSN 58 0120, cl. 24; ČSN 58 0170-5; ČSN 58 0703-6; ČSN 58 8786:1995; ČSN 57 0105-4; ČSN 58 1361, cl. 17; ČSN 56 0176-10; J. Davídek et al.: Laboratory Guide to Food Analysis, 1977, First issue, page 265-266
4.16	NIOSH 8301; Journal of Analytical Toxicology, Vol.27, Jan/Febr 2003: An Improved HPLC Analysis of the Metabolite Furoic Acid in the Urine of Workers Occupationally Exposed to Furfural 1-Hydroxypyrene, Biomonitoring Methods. Vol 3, August 1990
4.33	A.G. Huesgen, R. Schuster: Sensitive analysis of synthetic colors using HPLC and DAD at 190-950nm. HP Application Note 5964-3559E, 1995
4.39	ČSN EN 12822; ČSN EN 12823-1; ČSN EN 14130:2004; ČSN EN 14122; ČSN EN 14152; ČSN EN 14663
5.2	ČSN EN 481; ČSN EN 12341; ČSN EN 689+AC; Government Regulation No. 361/2007 Coll.
5.3	Hygienic Regulations of the Ministry of Health, Vol. 52/1981, No. 60 – Guideline for the determination of the content of pollutants in the air (uniform analytical methods), Annex No. 21
5.9	Manuals for the instruments Crowcon, QRAE Plus, Multi Rae PLUS
5.13	ČSN EN 14626; manuals: Testo 435, Testo 445, MultiRae Lite, Multilogger M 1440, Gasman
6.1	**Measurement (SOP OV 456, part 1):** ČSN ISO 1996-1; ČSN ISO 1996-2; ČSN EN ISO 9612; ČSN ISO 1999; ČSN EN ISO 16032; MoH-CHO CR Guideline for the measurement and assessment of noise from air traffic OVZ-32.0-19.02.2007/6306; MoH CR Bulletin, 2023, Part 14 - Guideline for the measurement and evaluation of noise in non-working environment; MoH CR Bulletin 2013, Part 4 - Guideline for the measurement and evaluation of noise and vibrations at workplace and vibrations in protected indoor areas of buildings **Calculation (SOP OV 456, part 2):** ČSN ISO 9613-1; ČSN ISO 9613-2; Road transport - French national calculation method "NMPB-Routes-96 (SETRA-CERTU-LCPC-CSTB)" listed in "Arrêté du 5 mai 1995 relatif au bruit des infrastructures routières, Journal Officiel du 10 mai 1995, Article 6" and in the French standard "XPS 31- 133" as amended; Rail transport - Netherlands national calculation method published in "Rekenen Meetvoorschrift Railverkeerslawaai 96; MinisterieVolkshuisvesting, Ruimtelijke Ordening en Milieubeheer, 20 November 1996" as amended (herainafter reffered to as "RMR II")
6.5	ČSN EN ISO 16283-1; ČSN EN ISO 16283-3; ČSN EN ISO 717-1; ČSN EN ISO 3382-2; ČSN EN ISO 10052
6.6	ČSN EN ISO 16283-2; ČSN EN ISO 717-2; ČSN EN ISO 3382-2; ČSN EN ISO 10052
6.7	ČSN EN ISO 5349-1; ČSN EN ISO 5349-2; ČSN ISO 5348; ČSN ISO 2631-1; ČSN ISO 2631-2; ČSN ISO 4866; ČSN EN 14253+A1; ČSN EN 1032+A1; ČSN P ISO/TS 14837-31, chapter 4.3, 4.4, 4.5; MoH CR Bulletin 2013, Part 4 - Guideline for the measurement and evaluation of noise and vibrations at workplace and vibrations in protected indoor areas of buildings
6.8	ČSN 360011-1; ČSN 360011-3; ČSN EN 12464-1; ČSN EN 12464-2; ČSN 36 0020; ČSN EN 12193; ČSN 360011-4; ČSN CEN/TR 13201-1; ČSN P 36 0455; ČSN EN 13201-2; ČSN EN 13201-3; ČSN EN 13201-4
6.9	ČSN 360011-1; ČSN 360011-2; ČSN 73 580-1; ČSN 73 580-2; ČSN 73 580-3; ČSN 73 580-4; ČSN 36 0020; ČSN EN 17037+A1
6.10	ČSN EN ISO 7726; MoH CR Bulletin 2013, Part 8 - Guideline for the measurement and evaluation of microclimatic parameters of working environment and indoor areas of buildings
6.11	ČSN EN 62233, cl. 5.5, Annex A.3; ČSN EN 62311, Annex A; ČSN EN 50500, chap. 5
6.12	ČSN EN 60335-2-27 ed.4, cl. 32.101; ČSN EN 14255-1, procedure D.2.3; ČSN EN 12198-2+A1, chap. 6

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6.13	MoH CR Bulletin 2017, Part 8 - Methodological guidelines for the procedure pursuant to Sections 35 and 36 of Act No. 258/2000 Coll., on the protection of public health and on amendments to certain related acts, as amended, and Government Regulation No. 291/2015 Coll., on the protection of health against non-ionizing radiation. Annex No. 3, Example 1 (non-coherent optical radiation)
9.14	ČL, clause A, 11.4:0008, Ph.Eur. clause 1167; ČL, part 2.6.12, 2.6.13
9.43	ČSN EN ISO 11140-1; ČSN EN ISO 11140-3; ČSN EN ISO 11140-4
9.44	ČSN EN ISO 15883-1; ČSN EN ISO 15883-2; ČSN EN ISO 15883-4 ed.3

Sampling:

Ordinal number[2]	Sampling procedure name	Sampling procedure identification[1]	Subject of sampling
1[1,2,3,5,6,8-11,13-18]	Drinking water sampling	SOP VZ OV 001 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-5; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Drinking and hot water
2[1,2,3,5,6,8-11,13-18]	Bathing water sampling	SOP VZ OV 002 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-4; ČSN EN ISO 5667-6; ČSN EN ISO 5667-14; ČSN EN ISO 19458; ČSN 75 7717; Regulation No. 238/2011 Coll.)	Bathing water
3[1,2,3,5,6,8-11,13-18]	Ground water sampling – manual or using a pump	SOP VZ OV 003 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-11; ČSN EN ISO 5667-14)	Ground water
4[1,2,3,5,6,9-11,13-17]	Sampling from water reservoirs, rivers and streams	SOP VZ OV 005 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-4; ČSN EN ISO 5667-6; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Surface water
5[1,2,3,5,6,8-11,13-18]	Waste water sampling – manual and by automatic sampler	SOP VZ OV 006 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-10; ČSN EN ISO 5667-14; ČSN 75 7315)	Waste water

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Zdravotní ústav se sídlem v Ostravě
CAB number 1393, Hygienic Laboratories Centre
Partyzánské náměstí 2633/7, Moravská Ostrava, 702 00 Ostrava

Ordinal number[2]	Sampling procedure name	Sampling procedure identification[1]	Subject of sampling
6[1,2,3,6,9,10,13-18]	Purified water sampling	SOP VZ OV 008 (Regulation No. 84/2008 Coll.)	Purified water
7[4]	Sampling of water for the detection and enumeration of *Legionella spp.*	SOP VZ OV 009 (ČSN EN ISO 5667-1; ČSN EN ISO 19458)	Drinking, hot, surface, bathing, ground, process water
8[2,4,5,6]	Sampling of swabs for the detection of *Legionella spp.*	SOP VZ OV 012 (EU Guidelines 2017)	Swabs
9[6,13-16]	Sampling of process water	SOP VZ OV 011 (ČSN EN ISO 5667-1; ČSN EN ISO 5667-3; ČSN ISO 5667-7; ČSN EN ISO 5667-14; ČSN EN ISO 19458)	Process water
10[1,2,3,5,6,9,11,12]	Taking samples of outdoor, indoor air and compressed gases on a solid sorbent (filter, filter and BUF, sorption tube)	SOP VZ OV 109 (Act No. 201/2012 Coll., on air protection; ČSN EN 12341; ČSN EN ISO 16000-7; Regulation No. 330/2012 Coll.)	Outdoor, indoor air, compressed gases
11[1,2,9,11,12]	Sampling of outdoor and indoor air into a liquid (sorption solution, sedimentation tank)	SOP VZ OV 109.01 (Act No. 201/2012 Coll., on air protection)	Outdoor air, indoor air
12[1]	Sampling of outdoor and indoor air into bags	SOP VZ OV 109.02 (Act No. 201/2012 Coll., on air protection)	Outdoor air, indoor air
13[1,2,5,6,9,11,13-16]	Sampling of outdoor and indoor air using on a culture soil	SOP VZ OV 109.03 (AHEM 1/2002; AHEM 4/2021)	Outdoor air, indoor air
14[1,2,3,5,6,7,9-12,14]	Taking samples of working air on a solid sorbent (filter, filter and BUF, filter and sorbent, sorption tube)	SOP VZ OV 110 (ČSN EN 482; ČSN EN 689+AC; Government Regulation No. 361/2007 Coll.)	Working air
15[1,2,3,5,6,7,9,11,12]	Sampling of working air into a liquid (frit absorbers with absorption solution)	SOP VZ OV 110.01 (ČSN EN 482; ČSN EN 689+AC; Government Regulation No. 361/2007 Coll.)	Working air
16[1,3,5,9,11,12]	Sampling of working air into canisters	SOP VZ OV 110.02 (ČSN EN 482; ČSN EN 689+AC; Government Regulation No. 361/2007 Coll.)	Working air

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Ordinal number[2]	Sampling procedure name	Sampling procedure identification[1]	Subject of sampling
17[1]	Sampling of compressed gases on culture soils	SOP VZ OV 217 (Manual for MAS-100 CG Ex fy MBV, A.G.)	Compressed gases
18[1,2,3,5,6,8-11,13-17]	Waste sampling	SOP VZ OV 201 (ČSN EN 14899; 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)	Waste (solid and liquid waste, biodegradable waste)
19[1,2,5,6,9-11,13-17]	Sampling of sand from sandboxes and outdoor playgrounds	SOP VZ OV 204 (Instruction of the Chief Public Health Officer of the Czech Republic for the assurance of unified inspection procedure for the inspection of sandboxes of outdoor playgrounds, No. 3209/2014 of 12/03/2014)	Sand
20[1,2,3,5,6,8-11,13-17]	Sampling of solid samples	SOP VZ OV 218 (ČSN ISO 5667-12; ČSN EN ISO 5667-13; ČSN EN ISO 5667-15; ČSN 01 5110; ČSN 01 5111; ČSN 01 5112)	Solid samples (soils, sands, sediments, sludge)
21[1,2,5,6,11,13-17]	Sampling of food for microbiological sampling	SOP VZ OV 200 (ČSN P CEN ISO/TS 17728)	Food
22[1,2,3,5,6,8-11,13-18]	Sampling of areas and object surfaces for the determination of microbial contamination	SOP VZ OV 206 (ČSN EN ISO 18593)	Areas and surfaces, skin
23[1,2,3,5,6,8-11,13-17]	Sampling by biological and non-biological systems to determine the sterilization efficiency of sterilizers	SOP VZ OV 213 (AHEM 1/2014)	Sterilizers
24[2,5,6,11,13-16]	Taking of samples and swabs for the determination of microbial contamination	SOP VZ OV 214 (AHEM 7/1992)	Areas and surfaces, sterile and unsterile products, skin

[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)

[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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Explanatory notes, abbreviations:

SOP	Standard operating procedure
VZ	Sampling
OV	Ostrava
ČL	Czech Pharmacopoeia
AHEM	Acta Hygienica, Epidemiologica et Microbiologica
VDI	VEREIN DEUTSCHER INGENIEURE
NIOSH	National Institute for Occupation Safety and Health
VYR	Instructions for good manufacturing practice
JPP ÚKZÚZ	Uniform Working Procedures of the Central Institute for Supervising and Testing in Agriculture
GR	Government Regulation
DGT	Diffusion Gradient Technique
DAD	Diode Array Detector
ECD	Electron Capture Detector
MS	Mass spectrometry
FLD	Fluorescence Detector
RID	Refractometric Detector
ISE	Ion Selective Electrode
ICP-MS	Inductively Coupled Plasma – Mass Spectrometry
ICP-OES	Inductively Coupled Plasma – Optical Emission Spectrometry
RTG	X-ray fluorescence analysis
SEM	Scanning Electron Microscopy
EDX	Energy Dispersive Spectrometry
LAL	Limulus Amebocyte Lysate
Emissions	Waste gas containing pollutants released in a controlled manner or leaking into atmosphere from pollution sources (the object of the test is an emission sample on a filter, sorbed in an absorption solution and/or in a solid sorbent, according to the nature of the substance).
Compressed gas	Natural or synthetic mixture of gases distributed by a pipeline system or in pressure cylinders
Clean room	A space that is designed and used in such a way as to minimise the introduction, generation and keeping of particles in the space and in which other relevant parameters such as temperature, humidity and pressure are controlled as necessary.
Clean zone	A dedicated area that is designed and used in such a way as to minimise the introduction, generation and keeping of particles in the zone and in which other relevant parameters such as temperature, humidity and pressure are controlled as necessary. This zone may be open or closed, and may or may not be located in clean rooms.

"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. "