The Appendix is an integral part of Certificate of Accreditation No. 417/2023 of 04/08/2023

Accredited entity according to ČSN EN ISO/IEC 17043:2010:

CSlab spol. s r.o.
CAB Number 7003, CSlab spol. s r.o.
Bavorská 856, 155 00 Praha 5

Proficiency testing schemes:

Ordinal number	Proficiency testing scheme	Proficiency testing scheme identification	Proficiency testing item
1.	Sampling of waste water	PT1	Waste water
2.	Sampling of wastewater treatment plant sludge	PT2	Sludge
3.	Sampling of drinking water and water for the production of drinking water	PT3	Drinking water and water for the production of drinking water
4.	Sensory analysis of water - evaluation of odour and flavour	PT4	Drinking water
5.	Sampling of raw and surface water	PT6	Raw and surface water
6.	Sampling of sediments	PT7	Sediment
7.	Waste sampling	PT8	Waste
8.	Determination of metals Determination of organic substances	PT11	Air, airborne dust
9.	Determination of metals Determination of organic substances	PT21	Soil
10.	Determination of metals Determination of organic substances	PT22	Sediment
11.	Determination of the properties of wastewater treatment plant sludge	PT23	Sludge
12.	Determination of chemical properties of waste	PT24	Waste
13.	Selected indicators of the quality of drinking and surface water Special Inorganic Analysis (SIA) Special Organic Analysis (SOA) Basic Chemical Analysis (BCA)	PT31	Water at the concentration level of raw, bottled, drinking, ground and surface water

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Ordinal number	Proficiency testing scheme	Proficiency testing scheme identification	Proficiency testing item
14.	Selected indicators of the quality of waste water Special Inorganic Analysis (SIA) Special Organic Analysis (SOA) Basic Chemical Analysis (BCA)	PT32	Water at the concentration level of waste water
15.	Microbiological analysis of water	PT41	Water at the concentration level of raw, bottled, drinking, ground and surface water
16.	Biological analysis of water	PT42	Water at the concentration level of raw, bottled, drinking, ground and surface water
17.	Determination of ecotoxicity	PT43	Waste, soil, sediments

Explanatory notes:

Ordinal number	Proficiency testing scheme code	Measured parameters
8.	PT 11	As, Cd, Cr, Cu, Mn, Ni, Pb, V, Zn, polycyclic aromatic hydrocarbons (PAH) , volatile organic compounds (VOC)
9., 10.	PT 21, PT 22	As, Ba, Be, Cd, Co, $Cr_{tot.}$, Cu, Hg, Mo, Ni, Pb, Sb, Sn, V, Zn, non-polar extractives (NES), hydrocarbons C_{10} to C_{40}, organochlorine pesticides (OCP), polycyclic aromatic hydrocarbons (PAH), polychlorinated biphenyls (PCB), adsorbable organically bound halogens (AOX), extractable organically bound halogens (EOX)
11.	PT 23	As, Cd, Cr, Cu, Hg, Ni, Pb, Zn, Be, Co, V, adsorbable organically bound halogens (AOX), polychlorinated biphenyls (PCB), polycyclic aromatic hydrocarbons (PAH), loss on ignition of organic compounds, total nitrogen, calcium, magnesium, potassium, phosphorus, pH
12.	PT 24	Determination in aqueous extract: dissolved organic carbon, phenol index, chlorides, fluorides, sulphates, dissolved solids, pH, As, Ba, Cd, Cr_{total}, Cu, Hg, Ni, Pb, Sb, Se, Zn, Mo

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		Determination of metals in waste: As, Cd, Cr_{total}, Hg, Ni, Pb, V, Cu, Zn, Co, Ba, Be Determination of organic compounds in waste: polycyclic aromatic hydrocarbons (PAH), extractable organically bound halogens (EOX), hydrocarbons C10 – C40, polychlorinated biphenyls (PCB), total organic carbon (TOC)
13., 14.	PT 31, PT 32	**SAA**: Ag, Al, As, Ba, Be, Pb, Cd, Co, Cr, Cu, Fe, Mn, Ni, Se, Sb, V, Zn, Hg, Na, K, Ca, K, B, Li, Mo, Sr, Sn, Tl, **SOA**: nonpolar extractives (NES), hydrocarbons C_{10} to C_{40}, extractives (EL) by infrared spectrometry (IR) and gravimetry, fats and oils, organochlorine pesticides (OCP), nitrogen pesticides, pesticide metabolites ESA and OA, pharmaceuticals, glyphosate AMPA, adsorbable organically bound halogens (AOX), volatile organic compounds (VOC), polycyclic aromatic hydrocarbons (PAH), polychlorinated biphenyls (PCB), chorinated phenols, bromates, chlorites, chlorates **ZCHR**: conductivity, ANC-4,5, nitrates, nitrate nitrogen, chlorides, sulphates, potassium, magnesium, sodium, calcium, pH, BOD_5, COD_{Mn}, COD_{Cr}, ammonium, nitrite, total nitrogen, organic nitrogen, ammonia nitrogen, nitrite nitrogen, total inorganic nitrogen, phosphates, total phosphorus, fluorides, iron, boron, manganese, aluminium, total cyanides, phenols, absorbance, humic substances, anionic surfactants, total organic carbon (TOC), dissolved solids - dried, dissolved solids - annealed, suspended solids - dried, suspended solids - annealed, colour, turbidity, BNC-8,3, bromates, chlorites, chlorates, non-ionic surfactants, sulphides, uranium, absorbance 200 - 900 nm, silicates such as SiO_2
15.	PT 41	*Escherichia coli*, coliform bacteria, thermotolerant coliform bacteria, intestinal enterococci, *Clostridium perfringens*, sulfite-reducing clostridia, mesophilic bacteria, psychrophilic bacteria, colony count at 36°C, colony count at 22°C, *Pseudomonas aeruginosa*, *Staphylococcus aureus*, *Legionella* spp., *Salmonella* spp. – detection of presence
16.	PT 42	Determination of microscopic image (enumeration of organisms, life organisms, abioseston, qualitative analysis), determination of chlorophyll-*a* and feo pigments
17.	PT 43	*Daphnia magna*, *Poecilia reticulata*, *Desmodesmus subspicatus*, *Sinapis alba*, *Aliivibrio fischeri*, *Lactuca sativa*