

Scope of Accreditation

Accredited body: Eurofins Environment Testing Slovakia s.r.o.
Robotnícka 820/36, 039 01 Turčianske Teplice

Organizational unit performing the activity of the accredited body:
Testing laboratories

Place of performance of the accredited body:

Testing laboratory Nové Zámky: Komjatická 73, 940 02 Nové Zámky
Testing laboratory Turčianske Teplice: Robotnícka 820/36, 039 01 Turčianske Teplice
Testing laboratory Ružomberok: Tatranská cesta 3, 034 17 Ružomberok
Testing laboratory Trebišov: Cukrovarská 22, 075 01 Trebišov

Identification number of the accredited body: 749/S-406

Fixed scope of accreditation

Testing laboratory Trebišov, Cukrovarská 22, 075 01 Trebišov

Item	Object		Established method		Other specifications (modification/validation, opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
1	Petroleum and related substances	Density by hydrometer at 15°C	hydrometer method	STN EN ISO 3675 (ŠPP 010-T)	
2		Flash point by Pensky-Martens closed cup	thermometric method	STN EN ISO 2719 (ŠPP 001-T)	
3		Distillation characteristics: Initial boiling point Recovered to 70°C Recovered to 100°C Recovered to 150°C Recovered to 180°C Recovered to 250°C Recovered to 300°C Recovered to 350°C 5% (V/V) recovered 10% (V/V) recovered 20% (V/V) recovered 30% (V/V) recovered 40% (V/V) recovered 50% (V/V) recovered 60% (V/V) recovered 70% (V/V) recovered 80% (V/V) recovered 90% (V/V) recovered 95% (V/V) recovered to Recovery Residue Final boiling point	distillation	STN EN ISO 3405 (ŠPP 011-T)	
4		Cold filter plugging point	thermometric method	STN EN 116 (ŠPP 012-T)	
5		Kinematic viscosity (20-100°C) Dynamic viscosity	viscosimetric method calculation	STN EN ISO 3104 (ŠPP 013-T)	
6	Motor fuels	Fatty acid methyl esters (FAME)	infrared spectroscopy	STN EN 14078 (ŠPP 002-T)	
7	Petroleum products	Sulfur content	Ultraviolet fluorescence method	STN EN ISO 20846 (ŠPP 019-T)	
8	Petroleum products	Water content	Karl Fischer coulometric titration method	STN EN ISO 12937 (ŠPP 003-T)	
9	Liquid petroleum products	Total contamination	gravimetric method	STN EN 12662-1 STN EN 12662-2 (ŠPP 014-T)	
10	Petroleum products	Cloud point	thermometric method	STN EN ISO 3015 (ŠPP 015-T)	
11	Petroleum products	Cetane index	calculation	STN EN ISO 4264 (ŠPP 016-T)	



Testing laboratory Nové Zámky, Komjatická 73, 940 02 Zámky

Item	Object		Established method		Other specifications (modification/validation, opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
1	Working air	Ammonium	spectrophotometric method	ŠPP PRA.M.005 (Križan: Analýza Ovzdušia, STN EN 482, STN EN 689 + AC, STN ISO 8756, STN EN ISO 13137, STN EN 1540)	
2		Solid aerosol	gravimetric method	ŠPP PRA.M.009 (STN EN 481, STN EN 482, STN EN 689 + AC, STN ISO 8756, STN EN ISO 13137, STN EN ISO 10882-1, AHEM Pr.No.8/76)	
3		Toxic gases: Carbon monoxide, Carbon dioxide, Nitric oxide, Nitrogen dioxide, Sulfur dioxide, Hydrogen sulfide	gas analyzer Dräger	ŠPP PRA.M.030 (Manual X-am 7000 a GasVision V5.0.7 Beta Drägersafety, Dräger Sensor Data Sheets, STN EN 482, STN EN 689 + AC, STN EN 1540)	
4	Outdoor environment and working environment	Noise immission A-weighted equivalent continuous sound pressure level $L_{Aeq,T}$	Measurement of noise in outdoor environment, in buildings and working environment	ŠPP PRA.M.002 ŠPP PRA.M.018 ŠPP PRA.M.019 (STN ISO 1996-1, STN ISO 1996-2, STN EN ISO 9612, Regulation of the Ministry of Health No. 549/2007 as amended, MoH SR regulation SR for objectification of physical environmental factors and working environment, 2011)	
		A-weighted N- percentile sound pressure level $L_{AN,T}$			
		A-weighted maximum sound pressure level L_{Amax}			
		Equivalent continuous sound pressure level in third-octave band $L_{req,T}$			
5	Working environment	Noise exposure level normalized $L_{AEX,8h}$	Measurement of noise exposure in working environment	ŠPP PRA.M.001 (STN EN ISO 9612, Government Regulation No. 115/2006 as amended, MoH SR regulation SR for objectification of physical environmental factors and working environment, 2011, MoH SR regulation SR which modifies the method in assessing the noise exposure level of workers using the ear protectors)	
		C-weighted peak sound pressure level $L_{CPk,T}$			
6		Artificial lighting. Illumination E_m Equality of illumination r	measurement of artificial lighting in working environment and task area	ŠPP PRA.M.022 (MoH SR Regulation 541/2007 Z.z. as amended, STN EN 12464-1, STN EN 12464-2, MoH SR regulation SR for, which regularize the procedure of lighting measurement and assessment, Journal MZ SR, No. 27-49, 2013, MoH SR regulation SR for objectification of physical environmental factors and working environment, 2011)	Indoor and outdoor environment

Item	Object		Established method		Other specifications (modification/validation, opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
7	Working environment	Hygrothermal microclimate measurement temperature t_a , t_g , relative humidity rh , air velocity v_A	measurement of hygrothermal microclimate in working environment	ŠPP PRA.M.012 (MoH SR Regulation 99/2016 Z.z. as amended, MoH SR Regulation 259/2008 Z.z. as amended, MoH SR regulation SR for, which regularize the procedure of measurement and assessment of hygrothermal microclimate, Journal MZ SR, No. 27-49, 2013, MoH SR regulation SR for objectification of physical environmental factors and working environment, 2011)	Indoor environment
8		Human exposure to hand-transmitted vibration $a_{h,v,8h}$	measurement of human exposure to handtransmitted vibration	ŠPP PRA.M.026 (STN EN ISO 5349-1, STN EN ISO 5349-2, Government Regulation No.416/2005 Z.z. as amended MoH SR regulation SR for objectification of physical environmental factors and working environment, 2011)	
9		Human exposure to whole-body vibration $a_{wx,8h}$ $a_{wy,8h}$ $a_{wz,8h}$	measurement of human exposure to wholebody vibration	ŠPP PRA.M.036 (STN ISO 2631-1, STN ISO 2631-2, Government Regulation No.416/2005 as amended MoH SR regulation SR for objectification of physical environmental factors and working environment, 2011)	
10	Water: - drinking (hot included) - bathing - waste	Free and total chlorine	spectrophotometric method	ŠPP INO.M.070/B (STN EN ISO 7393-2)	Testing outside the laboratory at the customer
11	Water: - drinking (hot included) - surface - waste - underground	Temperature	direct measurement with thermometer (thermometry)	ŠPP INO.M.170 (STN 75 7375)	Testing outside the laboratory at the customer

Specification of the activities in which the laboratory Nové Zámky carries out sampling:

Item	Object			Method		Other specification
	Subject	Attribute	Sampling point	Type / principle	Label	
1.1	Drinking water (hot included)	NZ- Items No. Fixed scope: 10, 11 TR- Items No. Fixed scope: 1-12, 14-26, Flexible scope:1, 6 RK- Items No. Fixed scope: 9, 10 Subcontracting of tests	Tanks, treatment works, piped distribution systems, tap of the consumer, shower, bottled waters,	Single discrete samples/ Manual sampling	ŠPP-001 (STN EN ISO 5667-1, STN EN ISO 5667-3, STN ISO 5667-5, STN EN ISO 5667-14 STN EN ISO 19458 STN EN ISO 11731)	
1.2	Surface water	NZ- Items No. Fixed scope:10, 11 TR- Items No. Fixed scope: 1-12, 14-26, Flexible scope:1, 6 RK- Items No. Fixed scope: 2-5, 9, 10 Subcontracting of tests	Natural and man-made lakes River, stream Swimming pools and artificial bathing places	Single discrete samples, Composite samples/ manual sampling	ŠPP-002 (STN EN ISO 5667-1, STN EN ISO 5667-3, STN ISO 5667-4, STN EN ISO 5667-6, STN EN ISO 5667-14, STN EN ISO 19458, STN 75 7715, STN EN ISO 11731)	

Item	Object			Method		Other specification
	Subject	Attribute	Sampling point	Type / principle	Label	
1.3	Waste water	NZ- Items No. Fixed scope: 10, 11 TR- Items No. Fixed scope: 1-12, 14-26, Flexible scope:1, 6 RK- Items No. Fixed scope: 2-10,13 Subcontracting of tests	Pickers, Sewers, Shafts Wastewater treatment plant	Single discrete samples, Composite samples / manual sampling and sampling by automatic sampler	ŠPP-003 (STN EN ISO 5667-1, STN EN ISO 5667-3, STN ISO 5667-10, STN EN ISO 5667-14, STN EN ISO 19458)	
1.4	Sludge	TR- Items No. Fixed scope: 5,9,11,13, 21, 22, 27-30 Flexible scope: 2 RK- Items No. Fixed scope: 1,9,10,12,16 Subcontracting of tests	Mounds, Dumps, Sewers, Wastewater treatment, Water treatment, Industry	Single discrete samples, Composite samples / mechanical sampling	ŠPP-004 (STN EN ISO 5667-1, STN EN ISO 5667-13, STN EN ISO 5667-15)	
1.5	Underground water	TR- Items No. Fixed scope: 1-12, 14-26, Flexible scope: 1, 6 NZ-Items No. Fixed scope: 11 RK- Items No. Fixed scope: 9, 10 Subcontracting of tests	Water wells Drill hole Spring	Single discrete samples / manual sampling and sampling with pumps	ŠPP-005 (STN EN ISO 5667-1, STN EN ISO 5667-3, STN ISO 5667-11, STN EN ISO 5667-14, STN EN ISO 19458)	
2	Air	NZ- Items No. Fixed scope: 1, 2, 3 TR- Items No. Fixed scope: 38, Flexible scope: 5 Subcontracting of tests	Working air, Building interior air	Personal sampling, stationary sampling	ŠPP PRA.M.003/A,B,C (STN EN 1540 STN EN 481, STN EN 482, STN EN 689 + AC STN ISO 8756 STN EN 13137 STN EN ISO 10882-1 NIOSH Method 5523 OSHA Method ID-113 and ID-186SG Operation manual Sampl'air Lite)	
3	Contaminated land (soil), solid, liquid and pasty wastes	TR- Items No. Fixed scope: 5, 9, 11, 13, 21, 22, 27-30, Flexible scope: 2 RK- Items No. Fixed scope: 1, 9, 10, 12 Subcontracting of tests	Mounds, Lands, Dumps, Tanks, Barrels	Single discrete samples, Composite samples/ manual sampling	ŠPP-007 (Regulation of the Ministry of environment No. 1/2015 of the JMAKO STN 01 5111 STN EN 14899)	
4	Fuels	TV - Items No. Fixed scope: 1 až 11	Gas station	Sampling from fuel dispensers	ŠPP 051-K (STN EN 14275)	



Testing laboratory Ružomberok, Tatranská cesta 3, 034 17 Ružomberok

Item	Object		Established method		Other specifications (modification/validation, opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
1	Sludge, pulp, soil, waste, solid fuels	Dry matter, Total water, Analytical water	gravimetric method	ŠPP INO.M.004.RK (STN EN 12 880, STN EN ISO 638-1,2, STN EN 15934, DIN 51 718, STN EN ISO 18134-1,2,3 STN P CEN/TS 15414-1, 2)	
2	Surface and waste water, extracts, filtrate, aqueous suspension of sludge, pulp	pH	potentiometric method	ŠPP INO.M.006.RK (STN EN ISO 10523/Z1, STN ISO 6588-1,2)	
3	Surface and waste water, condensates, filtrate	COD _{Cr}	titrimetric determination	ŠPP INO.M.010/A.RK (STN ISO 15705)	
4	Surface and waste water, condensates, filtrate	COD _{Cr}	spectrophotometric method	ŠPP INO.M.010/B.RK (STN ISO 15705)	
5	Surface and waste water	BOD ₅	Dilution and seeding method Method for undiluted samples	ŠPP INO.M.012.RK (STN EN 1899-2 STN EN ISO 5815-1)	
6	Waste water	Total phosphorus and PO ₄ ³⁻	spectrophotometric method using set	ŠPP INO.M.019.RK (Phosphate Test Method photometric, cat.no. 1148480001, Crack Set 10 cat.no.1146870001)	
7	Waste water	Total nitrogen	spectrophotometric method using set	ŠPP INO.M.064/A.RK (Nitrogen (total) Cell Test Method photometric, cat.no. 1006130001)	
8	Waste water	Ammonia nitrogen	spectrophotometric method using set	ŠPP INO.M.064/B.RK (Ammonium Test Method photometric, cat.no. 1147520001 1006830001)	
9	Natural, mineral, table, curative, suckling, underground, surface, percolation and waste water, bathing water, waste, aqueous extracts, soil, sludge	Adsorbable organically bound halogens (AOX)	coulometria	ŠPP INO.M.009/A.RK (STN EN ISO 9562, STN EN 16166 JMAKO Guideline No.110)	
10	Drinking, mineral, surface, underground and waste water, aqueous extracts, waste, soil, sludge	Extractable organic halides (EOX)	coulometria	ŠPP INO.M.009/B.RK (EPA 9023, JMAKO Guideline No.130, DIN 38414 Part 17)	
11	Liquid hydrocarbons, chemical substances, waste oil, solid matrixes	Total chlorine (TX)	coulometria	ŠPP INO.M.009/C.RK (EPA 9076, JMAKO Guideline No.290)	
12	Waste, sludge, solid fuels	Ash, loss on ignition, ash in anyhydrous sample, ash in the original sample	gravimetric method	ŠPP INO.M.024. RK (STN ISO 1762, STN EN ISO 21656 STN EN 15935, STN EN ISO 18122 DIN 51 719)	
13	Waste and industrial water	Suspended and dissolved solids at 105°C and 550°C	gravimetric method	ŠPP INO.M.116.RK (STN EN 872/01, STN 75 7373)	
14	Pulp	Stock concentration	gravimetric method	ŠPP INO.M.021.RK (STN EN ISO 4119)	
15	Pulp	Kappa number	titrimetric determination	ŠPP INO.M.132.RK (STN ISO 302)	
16	Black liquor, bark, sludge, solid fuels	Gross calorific value and calculation of net calorific value	calorimetric method	ŠPP INO.M.145.RK (STN EN 15170, STN EN ISO 18125, STN EN ISO 21654 STN P CEN/TS 16023, DIN 51 900-3)	



Item	Object		Established method		Other specifications (modification/validation, opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
17	Air (working environment)	Compounds containing completely reduced sulfur: hydrogen sulfide, methyl mercaptan, dimethyl sulfide, dimethyl disulfide	GC-FPD	ŠPP PRA.M.027 (STN EN 482, STN EN 689+AC, STN ISO 4219, STN EN ISO 6142-1, STN EN ISO 6141/A1 STN EN ISO 16664)	

Notes:

1, 26 Solid fuels = coal, solid recovered fuels, biofuels (biomass, bark, chips, sawdust,...)

11 Solid matrixes = coal, ash, fly ash, slag, waste, solid recovered fuels

Specification of the activities in which the laboratory Ružomberok carries out sampling:

Item	Object			method		Other specification
	Subject	Attribute	Sampling point	Type / principle	Label	
1	Air	Compounds Containing completely reduced sulfur: hydrogen sulfide, methyl mercaptan, dimethyl sulfide, dimethyl disulfide	Working environment	Personal sampling	ŠPP PRA.M.027	



Testing laboratory Turčianske Teplice, Robotnícka 820/36, 039 01 Turčianske Teplice

Item	Object		Established method		Other specifications (opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
1	Water (1), aqueous extracts	Ammonium nitrogen Ammonium ions	spectrophotometric method	STN ISO 7150-1 (LS-PP-CH-1)	
2		Anions : (Cl, F, NO ₂ , N-NO ₂ , NO ₃ , N-NO ₃ , SO ₄ ²⁻)	IC method (IC-EC, IC-UV)	LS-PP-CH-80 (STN EN ISO 10304-1)	
3	Water (2) aqueous extracts	Phosphate Total phosphorus	spectrophotometric method	STN EN ISO 6878 (LS-PP-CH-8)	
4	Water (1), aqueous extracts	Nonpolar extractives content (NES) and extractives content (ES)	IR,UV spectrometric method	LS-PP-CH-78 (STN 830530-36, STN 830540-4)	
5	Soil, sludge, waste	Nonpolar extractives content (NES) a extractives content (ES)		LS-PP-CH-2/35 (STN 757952)	
6	Water (2), aqueous extracts	Fe	spectrophotometric method	STN ISO 6332 (LS-PP-CH-18)	
7	Water (1), aqueous extracts	Chrom (VI)		STN ISO 11083 (LS-PP-CH-19)	
8		Anionic surfactants		STN EN 903 (LS-PP-CH-75)	
9	Water (1), aqueous extracts, soil, sludge, waste	Phenols Phenol index		LS-PP-CH-73 (STN ISO 6439)	
10	Water (1), aqueous extracts	Ammonium nitrogen Ammonium ions	titrimetric determination	LS-PP-CH-2 (STN ISO 5664)	
11	Water (1), aqueous extracts, Soil, sludge, waste	Total cyanide Easily liberatable cyanide	spectrophotometric method	LS-PP-CH-76 (STN ISO 6703-1) LS-PP-CH-77 (STN ISO 6703-2)	
12	Water (1), aqueous extracts	Total nitrogen Organic nitrogen	titrimetric determination	LS-PP-CH-79 (STN EN 25663, STN 75 7435)	
13	Soil, sludge, waste. Fertilizers, soil assistant substances, plantation substrate	Total nitrogen Ammonium nitrogen Organic nitrogen	titrimetric determination	LS-PP-CH-79 (STN EN 13342, STN 465735)	
14	Water (2), aqueous extracts	Chemical oxygen demand (COD Mn) Chemical oxygen demand (COD Cr) Chemical oxygen demand (COD Cr)	titrimetric determination spectrophotometric method	LS-PP-CH-5 (STN EN ISO 8467 STN 75 7376) LS-PP-CH-5 (STN ISO 15705)	
15	Water (1)	BOD5 with suppression of nitrification (ATU)	electrochemical method	LS-PP-CH-6 (STN EN ISO 5815-1, STN EN 1899-2)	
16		Dissolved oxygen	electrochemical method	STN EN ISO 5814 (LS-PP-CH-20)	
17	Water (1)	Total alkalinity (ANC 4,5) Composite alkalinity (ANC 8,3)	titrimetric determination	STN EN ISO 9963-1 (LS-PP-CH-16)	
18		Total acidity (BNC 8,3) Composite acidity (BNC 4,5)		STN 75 7372 (LS-PP-CH-21)	
19	Water (1), aqueous extracts	Dissolved, suspended and total solids (105 °C, 550 °C)	gravimetric method	LS-PP-CH-14 (STN 75 7373)	
20	Water (2), aqueous extracts, soil, sludge, waste. Fertilizers, soil assistant substances, plantation substrate.	pH	potentiometric method	LS-PP-CH-15 (STN EN ISO 10523, STN ISO 10390, STN 46 5735)	
21	Water (1), aqueous extracts, soil, sludge, waste. Fertilizers, soil assistant substances, plantation substrate.	Conductivity	conductometric determination	LS-PP-CH-17 (STN EN 27888, STN ISO 11265)	



Item	Object		Established method		Other specifications (opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
22	Soil, sludge, waste. Fertilizers, soil assistant substances, plantation substrate.	Water, loss on ignition, annealed substances, ash	gravimetric method	LS-PP-CH-2/1 (STN ISO 11465, STN EN 12880, STN 465735, STN EN 12048, STN 721227)	
23	Soil, sludge, waste	Hg	AAS-AMA	LS-PP-CH-30 (STN 46 5735, AMA-254 manual)	
24		As	AAS-HG	LS-PP-CH-2/2 (STN ISO 17378-2, STN 46 5735)	
		Sb, Se, Bi		LS-PP-CH-2/26,2/3	
25	Fertilizers, soil assistant substances, plantation substrate.	Hg	AAS-AMA	LS-PP-CH-30 (STN 46 5735, STN 65 4860 AMA-254 manual)	
26		As	AAS- HG	LS-PP-CH-2/2 (STN 465735 STN 65 4860)	
		Se		LS-PP-CH-2/3 (STN 46 5735, STN 65 4860)	
27	Fish and fishery products ¹	Hg	AAS-AMA	LS-PP-CH-30 (AMA 254 manual)	
28	Working air	Cd	AAS -F	LS-PP-CH-2/7 (STN ISO 8288, STN EN 14385)	
		Cu		LS-PP-CH-2/8 (STN ISO 8288, STN EN 14385)	
		Ni		LS-PP-CH-2/10 (STN ISO 8288, STN EN 14385)	
		Pb		LS-PP-CH-2/11 (STN ISO 8288, STN EN 14385)	
		Zn		LS-PP-CH-2/12 (STN ISO 8288, STN EN 14385)	



Flexible scope of accreditation

Testing laboratory Turčianske Teplice, Robotnícka 820/36, 039 01 Turčianske Teplice

Item	Object		Established method		Other specifications (opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
1	Water (2), aqueous extracts	Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Total Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, Pb, Si, Sn, Sr, V, Zn	AES-ICP (ICP-OES)	STN EN ISO 11885 (LS-PP-CH-67)	
		P, Total phosphorus		LS-PP-CH-66 (STN EN ISO 11885)	
2	Soil, sludge, waste	Cr	AES-ICP (ICP-OES)	LS-PP-CH-2/13 (STN EN ISO 11885, STN ISO 11047)	
		Ba		LS-PP-CH-2/14 (STN EN ISO 11885, STN ISO 11047)	
		Be		LS-PP-CH-2/15 (STN EN ISO 11885, STN ISO 11047)	
		V		LS-PP-CH-2/16 (STN EN ISO 11885, STN ISO 11047)	
		Mo		LS-PP-CH-2/17 (STN EN ISO 11885, STN ISO 11047)	
		Ca		LS-PP-CH-2/22 (STN EN ISO 11885, STN ISO 11047)	
		Mg		LS-PP-CH-2/23 (STN EN ISO 11885 STN ISO 11047)	
		Mn		LS-PP-CH-2/21 (STN EN ISO 11885, STN ISO 11047)	
		Fe		LS-PP-CH-2/20 (STN EN ISO 11885 STN ISO 11047)	
		Al		LS-PP-CH-2/27 (STN EN ISO 11885 STN ISO 11047)	
		B		LS-PP-CH-2/15 (STN EN ISO 11885 STN ISO 11047)	
		Sn		LS-PP-CH-2/24 (STN EN ISO 11885 STN ISO 11047)	
		P, As, Cd, Co, Cu, K, Na, Ni, Pb, Zn		LS-PP-CH-2/28 (STN EN ISO 11885, STN ISO 11047)	
3	Fertilizers, soil assistant substances, plantation substrate.	Fe	AES-ICP (ICP-OES)	LS-PP-CH-2/20 (STN EN ISO 11885, STN 465735, STN 654860, STN EN 16963)	
		Mn		LS-PP-CH-2/21 (STN EN ISO 11885, STN 465735, STN 654860, STN EN 16963)	
		Cr		LS-PP-CH-2/13 (STN EN ISO 11885, STN 465735, STN 654860)	
		Ca		LS-PP-CH-2/22 (STN EN ISO 11885, STN 465735, STN 654860)	
		Mg		LS-PP-CH-2/23 (STN EN ISO 11885, STN 465735, STN 654860)	
		Mo		LS-PP-CH-2/17 (STN EN ISO 11885, STN 465735, STN 654860, STN EN 16963)	
		P, As, Cd, Co, Cu, K, Ni, Pb, Zn		LS-PP-CH-2/28 (STN EN ISO 11885, STN 465735, STN 654860, STN EN 16963)	
4	Working air	Al	AES-ICP (ICP-OES)	LS-PP-CH-2/27 (STN EN ISO 11885, STN EN 14385)	
		Cr		LS-PP-CH-2/13 (STN EN ISO 11885, STN EN 14385)	
		Mn		LS-PP-CH-2/21 (STN EN ISO 11885, STN EN 14385)	

record number: 12388/685454



Item	Object		Established method		Other specifications (opinions/interpretations, workplace etc.)
	Subject / Matrix / Environment	Property / Parameter / Pointer / Analyte	Principle / Kind / Type	Label	
5	Water (2), aqueous extracts	Ag, Al, As, B, Cd, Cr, Cu, Ca, Fe, Mg, Mn, Na, Ni, Sb, Se, Pb, Zn, Hg	ICP-MS	LS-PP-CH-85 (STN EN ISO 17294-2, Agilent 7900 ICPMS manual, Application note)	
6	Food, feedstuffs, vegetable materials, cosmetic products and pharmaceutical preparations, packaging and hygienic materials	Cd, Cr, Pb, Hg	ICP-MS	LS-PP-CH-85 (STN EN ISO 17294-2, Agilent 7900 ICPMS manual, Application note, STN EN 15763, Regulation (EU) No. 1169/2011 as amended)	
	Food, feedstuffs, vegetable materials	As, Ni, Se, Cu, Fe, Mn, Zn, Na, Salt (calculated from sodium), Ca, Mg, K, P, Sn			

The laboratory maintains an up-to-date list of all test methods with a flexible scope of accreditation at <https://www.eurofins.sk/sk-sk/certifikaty/eurofins-environment-testing-slovakia-sro/>

Flexibility does not apply to changing the principle of the methods used in a given flexible scope.

The principle of flexibility can be used by the laboratory within the framework of:

- objects/matrices/environments
- properties/parameters/indicators/analytes
- methods and procedures used for testing
- equipment

Water:

(1) underground, surface, mineral, spring, raw, drinking, infant, pool, bathing, waste, seepage, irrigation, technological, cooling, drainage, precipitation, distilled, demineralized

(2) underground, surface, mineral, spring, raw, drinking (hot included), infant, pool, bathing, waste, seepage, irrigation, technological, cooling, drainage, precipitation, distilled, demineralized

Food categories

Fish and fishery products

1 fresh and processed forms

Explanations:

AAS-F - atomic absorption spectrometry with atomization in a flame

AAS-HG - atomic absorption spectrometry with hydride generation

AAS-AMA - atomic absorption spectrometry-mercury analyzer AMA 254

AES-ICP (ICP-OES)-atomic emission spectrometry with inductively coupled plasma

ICP-MS - inductively coupled plasma with mass detector

LS-PP-CH - indicated with a number when indicating the established method means an internal regulation for the item of the scope of accreditation.

Internal regulations represent standard or modified standard methods. They refer to related standard methods or describe the performed activity in more detail.

Personnel competent to modify and validate methods/develop new methods during the validity of the accreditation

First and last name, titles	Competence to modify and validate methods/develop new methods - item in activity specification No.
RNDr. Katarína Holičková	1, 2, 3, 4
RNDr. Hana Benkovičová	5, 6

