

The Annex to the Decision No. 749/9148/2021/1 and to the Certificate of accreditation No. S-406 dated 14.01.2021.

This annex is an integral part of the Certificate

Fixed Accreditation Scope

The name of the accredited body: **Eurofins Environment Testing Slovakia s.r.o.**
 Robotnícka 820/36, 039 01 Turčianske Teplice

Testing laboratory Trebišov, Cukrovarská 22, 075 01 Trebišov

Item	Object of the test		Applied method		The other specification
	Object	Property / Parameter	Principle / Type	Identification	
1	Petroleum and related substances	Density by hydrometer	floating 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	atmospheric distillation	STN EN ISO 3405 (ŠPP 011-T)	
4		Cold filter plugging point	thermometric method	STN EN 116 (ŠPP 012-T)	
5		Kinematic viscosity and calculation of dynamic viscosity (20-100°C)	viscosimetric method	STN EN ISO 3104 +AC/O (ŠPP 013-T)	
6	Motor fuels	Fatty acid methyl esters (FAME)	infrared spectroscopy	STN EN 14078 (ŠPP 002-T)	
7	Petroleum products	Sulfur content	energy-dispersive X-ray fluorescence spectrometric method	ŠPP 004-T (STN EN ISO 13032, IP 532)	
8	Petroleum products	Water content	coulometric Karl Fischer titration method	STN EN ISO 12937 (ŠPP 003-T)	
9	Liquid petroleum products	Total contamination	gravimetric method	STN EN 12662 (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 of the test		Applied method		The other specification
	Object	Property / Parameter	Principle / Type	Identification	
1	Working air	Ammonium	spectrophotometric method	ŠPP PRA.M.005 (Križan: Analýza Ovzdušia, STN EN 482 + A1, STN EN 689 + AC STN ISO 8756 STN EN ISO 13137 STN EN 1540)	For the purposes of the Act No. 355/2007 the protection, promotion and development of public health as amended
2		Solid aerosol	gravimetric method	ŠPP PRA.M.009 (STN EN 481, STN EN 482 + A1, 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 + A1, 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)	For the purposes of the Act No. 355/2007 the protection, promotion and development of public health as amended
		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 $L_{Aeq,T}$			
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)	For the purposes of the Act No. 355/2007 the protection, promotion and development of public health as amended
		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 For the purposes of the Act No. 355/2007 the protection, promotion and development of public health as amended	



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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 For the purposes of the Act No. 355/2007 the protection, promotion and development of public health as amended
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)	For the purposes of the Act No. 355/2007 the protection, promotion and development of public health as amended
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)	For the purposes of the Act No. 355/2007 the protection, promotion and development of public health as amended
10	Water: - drinking - 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 - surface - waste - underground	Temperature	direct measurement with thermometer (thermometry)	ŠPP INO.M.170 (STN 75 7375)	Testing outside the laboratory at the customer



Sampling:

Item	Object			Sampling method		The other specification
	Sampled object	Property	The location of sampling	Principle	Identification	
1.1	Water and related matrix	Drinking water	NZ- Items No. Fixed scope: 10, 11 TR- Items No. Fixed scope: 1-12, 14-26, Flexible scope:1, 6 BA- Items No. Fixed scope:24 PN- Items No. Fixed scope:1,3-10,15 RK- Items No. Fixed scope: 9, 10 Subcontracting of tests	Tanks, treatment works, piped distribution systems, tap of the consumer, bottled waters, spring, well	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 BA- Items No. Fixed scope: 24 PN- Items No. Fixed scope:1-7,10,15 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)
1.3		Waste water	NZ- Items No. Fixed scope: 10, 11 TR- Items No. Fixed scope: 1-12, 14-26, Flexible scope:1, 6 BA- Items No. Fixed scope: 24 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: 1,9,10,12,26 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 BA- Items No. Fixed scope: 24 NZ-Items No. Fixed scope: 11 PN- Items No. Fixed scope: 1, 3-7, 10, 15, 16 RK- Items No. Fixed scope: 9, 10 Subcontracting of tests	Water wells Drill hole	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 ISO 5667-18 STN EN ISO 19458)



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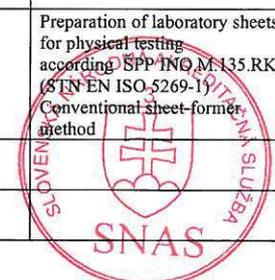
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Item	Object			Sampling method		The other specification
	Sampled object	Property	The location of sampling	Principle	Identification	
2	Air	NZ- Items No. Fixed scope: 1, 2, 3 TR- Items No. Fixed scope: 38, Flexible scope: 5 Subcontracting of tests	Working air, Building interior air	Personal sampling, stationary sampling	ŠPP PRA.M.003/A,B,C (STN EN 1540 STN EN 481, STN EN 482 + A1 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	BA - Items No. Fixed scope: 25 - 33 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 of the test		Applied method		The other specification
	Object	Property / Parameter	Principle / Type	Identification	
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, 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 ISO 10523, 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 37 414 Teil 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 anhydrous sample, ash in the original sample	gravimetric method	ŠPP INO.M.024. RK (STN ISO 1762, STN EN 15403, 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, 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	Pulp	Drainability	Schopper-Riegler method	ŠPP INO.M.134.RK (STN EN ISO 5267-1)	
17	Pulp	Grammage	gravimetric method	ŠPP INO.M.147.RK (STN EN ISO 536)	Preparation of laboratory sheets for physical testing according ŠPP INO.M.135.RK (STN EN ISO 5269-1) Conventional sheet-former method
18	Pulp, paper	Thickness	physical testing	ŠPP INO.M.136.RK (STN ISO 534)	
19	Pulp, paper	Tensile properties	physical testing (Constant rate of elongation method)	ŠPP INO.M.137.RK (STN EN ISO 1924-2)	



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20	Pulp, paper	Bursting strength	physical testing	ŠPP INO.M.138.RK (STN EN ISO 2758)	
21	Pulp, paper	Tearing resistance	physical testing (Elmendorf method)	ŠPP INO.M.139.RK (STN EN ISO 1974)	
22	Pulp, paper	Air permeance	physical testing (Bendtsen method)	ŠPP INO.M.140.RK (ISO 5636-3, ČSN ISO 5636-1)	
23	Pulp, paper	Bending resistance	physical testing	ŠPP INO.M.141.RK (STN 50 0358)	
24	Pulp, paper	Fibre dimensional characteristics	polarized light method	ŠPP INO.M.142.RK (ISO 16 065-1)	
25	Pulp, paper	ISO brightness	reflectometry	ŠPP INO.M.144.RK (STN ISO 3688, STN ISO 2470-1)	
26	Black liquor, bark, sludge, solid fuels	Gross calorific value and calculation of net calorific value	calorimetric method	ŠPP INO.M.145.RK (STN ISO 1928, STN EN 15170, STN EN ISO 18125 STN P CEN/TS 16023, DIN 51 900-3)	
27	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+A1, STN EN 689+AC, STN ISO 4219, STN EN ISO 6142-1, STN ISO 7395, STN EN ISO 6141 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

Sampling:

Item	Object			Sampling method		The other specification
	Sampled object	Property	The location of sampling	Principle	Identification	
27	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

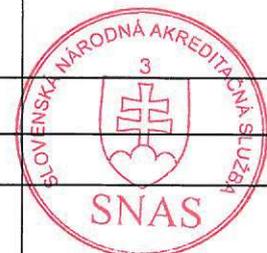
Item	Object of test		Applied method		The other specification
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1	Water, aqueous extracts	Ammonia nitrogen Ammonium	spectrophotometric method	STN ISO 7150-1 (LS-PP-CH-1)	
2		Anions : (Cl ⁻ , F ⁻ , NO ₂ ⁻ , NO ₃ ⁻ , SO ₄ ²⁻)	IC method	LS-PP-CH-80 (STN EN ISO 10304-1)	
3		Phosphate Total phosphorus	spectrophotometric method	STN EN ISO 6878 (LS-PP-CH-8)	
4		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, aqueous extracts	Fe		STN ISO 6332 (LS-PP-CH-18)	
7		Cr ^(VI)		STN ISO 11083 (LS-PP-CH-19)	
8		Anionic surfactants		STN EN 903 (LS-PP-CH-75)	
9	Water, aqueous extracts, soil, sludge, waste	Phenols Phenol index		LS-PP-CH-73 (STN ISO 6439)	
10	Water, aqueous extracts	Ammonia nitrogen Ammonium	titrimetric determination	LS-PP-CH-2 (STN ISO 5664)	
11	Water, 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, 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 654835, STN 465735, STN 654836)	
14	Water, aqueous extracts	Chemical oxygen demand - COD _{Mn} - COD _{Cr}	titrimetric determination	LS-PP-CH-5 (STN EN ISO 8467 STN 75 7376, STN ISO 6060)	
		- COD _{Cr}	spectrophotometric method	LS-PP-CH-5 (STN ISO 15705)	
15	Water	BOD ₅	titrimetric determination electrochemical method	LS-PP-CH-6 (STN EN 1899-1, STN EN 1899-2)	
16		Dissolved oxygen	titrimetric determination	STN EN 25813 (LS-PP-CH-20)	
	electrochemical method		STN EN ISO 5814 (LS-PP-CH-20)		
17	Water	Alkalinity		STN EN ISO 9963-1 (LS-PP-CH-16)	
18		Acidity		STN 75 7372 (LS-PP-CH-21)	
19	Water, aqueous extracts	Dissolved, suspended and total solids (105 °C, 550 °C)	gravimetric method	LS-PP-CH-14 (STN 75 7373 STN 83 0540-3)	
20		Fluoride	potentiometric method using ISE	STN ISO 10359-1 (LS-PP-CH-12)	
21	Water, aqueous extracts, soil, sludge, waste. Fertilizers, soil assistant substances, plantation substrate.	pH	potentiometric method	LS-PP-CH-15 (STN EN ISO 10523, STN EN 12176, STN ISO 10390, STN 46 5735)	
22		Electrolytic conductivity	conductometric determination	LS-PP-CH-17 (STN EN 27888, STN ISO 11265)	



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23	Water, aqueous extracts	Hg	AAS-AMA	LS-PP-CH-30 (AMA 254 manual)	
24		As	AAS-HG	LS-PP-CH-31 (STN EN ISO 11969)	
		Sb		LS-PP-CH-32 (EPA 7062)	
		Se		LS-PP-CH-33 (STN ISO 9965)	
		Bi		LS-PP-CH-34 (JMAKO Guideline No.170)	
25		Pb	AAS -ETA	LS-PP-CH-40 (STN EN ISO 15586)	
		Tl		LS-PP-CH-43 (STN EN ISO 15586)	
26		Na	AAS-F	LS-PP-CH-52 (STN ISO 9964-1)	
		K		LS-PP-CH-53 (STN ISO 9964-2)	
27	Soil, sludge, waste. Fertilizers, soil assistant substances, plantation substrate.	Water, loss on ignition, annealed substances, ash	gravimetric method	LS-PP-CH-2/1	
28	Soil, sludge, waste	Hg	AAS-AMA	LS-PP-CH-30 (STN 46 5735, AMA-254 manual)	
29		As	AAS-HG	LS-PP-CH-2/2 (STN EN ISO 11969 STN 46 5735)	
		Sb, Se, Bi		LS-PP-CH-2/26,2/3	
30		Cd	AAS-F	LS-PP-CH-2/7 (STN ISO 11047)	
		Cu		LS-PP-CH-2/8 (STN ISO 11047)	
		Co		LS-PP-CH-2/9 (STN ISO 11047)	
		Ni		LS-PP-CH-2/10 (STN ISO 11047)	
		Pb		LS-PP-CH-2/11 (STN ISO 11047)	
		Zn		LS-PP-CH-2/12 (STN ISO 11047)	
		Na, K		LS-PP-CH-2/18, 2/19	
31	Fertilizers, soil assistant substances, plantation substrate.	Hg	AAS-AMA	LS-PP-CH-30 (STN 46 5735, STN 65 4860 AMA-254 manual)	
32		As	AAS- HG	LS-PP-CH-2/2 (STN 465735 STN 65 4860)	
	Se	LS-PP-CH-2/3 (STN ISO 9965, STN 46 5735, STN 65 4860)			
33	Fertilizers, soil assistant substances, plantation substrate	Cd	AAS -F	LS-PP-CH-2/7 (STN 465735, STN 65 4860)	
		Co		LS-PP-CH-2/9 (STN ISO 8288,STN 46 5735, STN 65 4860)	
		Cu		LS-PP-CH-2/8 (STN 46 5735, STN 65 4860)	
		K		LS-PP-CH-2/19 (STN ISO 9964-2,STN 465735, STN 654860, STN 654186)	
		Ni	LS-PP-CH-2/10 (STN 465735, STN 654860)		
		Pb	LS-PP-CH-2/11 (STN 465735, STN 654860)		
		Zn	LS-PP-CH-2/12 (STN 465735, STN 654860)		



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34	Foodstuffs, nutrition supplements, feedstuffs, vegetable materials, additives, cosmetic products and pharmaceutical preparations, packaging and hygienic materials	Hg	AAS-AMA	LS-PP-CH-30 (AMA 254 manual)		
35		As	AAS -HG	LS-PP-CH-2/2 (STN EN 14546, ČSN EN 14546)		
		Se		LS-PP-CH-2/3 (STN EN 14627, ČSN EN 14627)		
36			Cd	AAS -ETA	LS-PP-CH-2/4 (STN EN 14084, ČSN EN 14084)	
			Pb		LS-PP-CH-2/25 (STN EN 14084, ČSN EN 14084)	
	Cr		LS-PP-CH-2/5 (STN EN 14083, ČSN EN 14083)			
Foodstuffs, nutrition supplements, feedstuffs, vegetable materials	Ni	LS-PP-CH-2/6 (STN EN ISO 15586 ČSN EN ISO 15586 STN EN 13805, ČSN EN 13805)				
37		Cu	AAS -F	LS-PP-CH-2/8 (STN EN 14084, ČSN EN 14084 STN EN 14082, ČSN EN 14082 STN EN ISO 6869, ČSN EN ISO 6869)		
		Zn		LS-PP-CH-2/12 (STN EN 14084, ČSN EN 14084 STN EN 14082, ČSN EN 14082 STN EN ISO 6869, ČSN EN ISO 6869)		
		Na Salt (calculated from sodium)		LS-PP-CH-2/18 (STN EN 13805, ČSN EN 13805 STN EN ISO 6869 ČSN EN ISO 6869, Regulation (EU) No. 1169/2011 as amended)		
		K		LS-PP-CH-2/19 (STN EN 13805, ČSN EN 13805 STN EN ISO 6869 ČSN EN ISO 6869)		
38	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)		



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Flexible Accreditation Scope

Flexible Accreditation Scope is on:

<https://www.eurofins.sk/en-en/certificates>

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

Item	Object of the test		Applied method		The other specification
	Object	Property / Parameter	Principle / Type	Identification	
1	Water, aqueous extracts	Ag, Al,As, B,Ba,Be,Ca,Cd, Co,Cr, Cu,Fe, K, Li, Mg,Mn,Mo,Na, Ni, Pb, Si,Sn,Sr, V,Zn	AES-ICP	STN EN ISO 11885 (LS-PP-CH-67)	
		P		LS-PP-CH-66 (STN EN ISO 11885)	
2	Soil, sludge, waste	Cr	AES-ICP	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, Mg, Mn, Fe, Al, B, Sn, P		LS-PP-CH-2/22, 2/23, 2/21, 2/20, 2/27, 2/15, 2/24, 2/28	
3	Fertilizers, soil assistant substances, plantation substrate.	Fe	AES-ICP	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		LS-PP-CH-2/28 (STN EN ISO 11885, STN 465735, STN 654860)	



The Annex to the Decision No. 749/9148/2021/1 and to the Certificate of accreditation No. S-406 dated 14.01.2021.

This annex is an integral part of the Certificate

Item	Object of the test		Applied method		The other specification
	Object	Property / Parameter	Principle / Type	Identification	
4	Foodstuffs, nutrition supplements, feedstuffs, vegetable materials	Fe	AES-ICP	LS-PP-CH-2/20 (STN EN ISO 11885, ČSN EN ISO 11885, STN EN 13805, ČSN EN 13805, ČSN EN 15510)	
		Mn		LS-PP-CH-2/21 (STN EN ISO 11885, ČSN EN ISO 11885, STN EN 13805, ČSN EN 15510)	
		Ca		LS-PP-CH-2/22 (STN EN ISO 11885, ČSN EN ISO 11885, STN EN 13805, ČSN EN 13805, ČSN EN 15510)	
		Mg		LS-PP-CH-2/23 (STN EN ISO 11885, ČSN EN ISO 11885, STN EN 13805, ČSN EN 13805, ČSN EN 15510)	
		Sn		LS-PP-CH-2/24 (STN EN ISO 11885, ČSN EN ISO 11885, STN EN 13805, ČSN EN 13805)	
		Cu, Zn, P		LS-PP-CH-67 (STN EN ISO 11885, ČSN EN ISO 11885, STN EN 13805, ČSN EN 13805, ČSN EN 15510) LS-PP-CH-2/28	
5	Working air	Al	AES-ICP	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)	
6	Water, 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)	
7	Foodstuffs, nutrition supplements, 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)	
	Foodstuffs, nutrition supplements, feedstuffs, vegetable materials	As, Ni, Se, Cu, Fe, Mn, Zn, Na, Salt (calculated from sodium)			

The personnel responsible for modification and validation of methods

Name and surname, title	Responsible for modification and validation of methods - item No. of Accreditation Scope
Ing. Lukáš Lipták	1, 2, 3, 4, 5
RNDr. Hana Benkovičová	6, 7

