



AB 994

Research laboratory
accredited by PCA, Nr AB
994

Scopes of accreditation:

- concentration and mass measurements of flow of fine particles
- measurements of concentration and mass flow of SO₂, NO_x, CO
- concentration measurements of CO₂, O₂
- concentration and mass flow measurements of OWO
- sampling for mass concentration determination of PCDD/PDF and dioxin type PCB
- sampling for concentration determination of (As; Cd; Cr; Co; Cu; Mn; Ni; Pb; Sb; Ti; V)
- sampling for concentration determination of Hg
- sampling and determination of concentration and mass flow of HCl
- sampling and determination of concentration and mass flow of HF
- sampling for determining the concentration of individual gaseous organic compounds
- calibration of Automated Monitoring systems,
- QAL2 procedure
- annual performance test of Automated Monitoring Systems, AST procedure
- noise measurement from machinery, installations and industrial plants

Chorzów, July 21st 2026
Our ref. No.: PW/51/07/26

Report No PW/51/07/26

on concentration measurements of PCDDs/PCDFs and dioxins-like PCBs emitted into environment from flue gas channel located at UAB GREN KLAIPEDA, Kretainio g. 3 LT-94103, Klaipeda, Lithuania.

Client name and address:

UAB "GREN KLAIPEDA"

Kretainio g. 3,
LT-94103 Klaipeda

Developed by:

mgr Grzegorz Bortel

Calculation and data transfer checked by:

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1. PURPOSE AND SCOPE OF THE REPORT

Purpose of executed measurements was to determine the concentration and emission of *PCDDs/PCDFs and dioxins-like PCBs* emitted to environment from flue gas channel located at UAB GREN KLAIPEDA, Kretainio g. 3 LT-94103, Klaipeda, Lithuania

Measurements range:

- PCDD/DF emission and concentration,
- PCB emission and concentration.

The measurements were carried out in accordance with the sampling plan and the described sampling methods dated 09th June 2026.

Operating parameters of the technological installation was obtained from the customer's representative.

2. BASIS OF MEASUREMENTS EXECUTION

The measurements were taken according to the Purchase Order dated May 22^h 2026 – mail message.

3. MEASUREMENT TEAM

The measurements taken on June 09th 2026 were executed by the following team:

- Grzegorz Bortel specialist- measurement team leader,
- Karol Sodo specialist,
- Przemysław Zubel specialist.

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4. MEASUREMENT RESULTS SUMMARY

Below are presented measurement results summary, full measurement results are presented in chapter no 6, at page 9.

Concentration of the substance in the gas in the reference conditions O ₂ ref. 11%	PCDDF	ng/m ³ ref.	0,0040
	PCB		0,0009
	PCDDF + PCB		0,0049
Emission limits	PCDDF	ng/m ³ ref.	0,06
	PCB		0,02
	PCDDF + PCB		0,08

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5. DESCRIPTION OF THE MEASUREMENT METHOD**Measurement of the gas volumetric flow**

The flow rate was determined according to ISO Standard PN-EN ISO 16911-1:2013 „Stationary source emissions - Manual and automatic determination of velocity and volume flow rate in ducts - Part 1: Manual reference method". Gravimetric dust monitor type Megasystem APIS X-1 and type "S" Pitot tube were used for the measurements. Measurement is accredited.

Accreditation range: differential pressure: > 5 Pa

Measurement O₂ content

The concentration of O₂ was determined using gas analyzer HORIBA PG-350E-EU equipped with testing probe 1500 mm long. The measurements were taken according to the procedure described in measurement unit as well as to Polish Standard PN-EN 14789:2017 "Stationary source emissions - Determination of volume concentration of oxygen O₂ - Reference method - Paramagnetism". Measurement is accredited.

Accreditation range: O₂ content: 1,5-21%

Measurement CO₂ content

The concentration of CO₂ was determined using gas analyzer HORIBA PG-350E-EU equipped with testing probe 1500 mm long. The measurements were taken according to the procedure described in measurement unit as well as to Standard ISO 10396:2007 "Stationary Source Emissions - Sampling For The Automated Determination Of Gas Concentrations ". Measurement is accredited.

Accreditation range: CO₂ content: 0,1-20%

Measurement moisture content

Moisture content was determined using condensation-absorption method. The measurements were taken according to Polish Standard PN-EN 14790:2017. Measurement is accredited.

Accreditation range: H₂O content: 29-250 g/m³

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PCDDs/PCDFs and dioxins-like PCBs sampling and determination

PCDD/DF samples were taken according to the requirements of Polish Standard PN-EN 1948-1:2006 „ Stationary source emissions - Determination of mass concentration of PCDDs/PCDFs and dioxin-type PCBs - Part 1: Sampling of PCDDs/PCDFs”.

PCB samples were taken according to the requirements of Polish Standard PN-EN 1948-4:2014-03 „ Stationary source emissions - Determination of mass concentration of PCDDs/PCDFs and dioxin-type PCBs - Part 4: Sampling and analysis dioxin-like PCBs”.

The three stages of PCDD/DF and PCBs concentration and emission determination:

Stage I - sampling

For the determination of mass concentration of PCDD/DF and PCBs proper sampling plays important role that affects following stages of the testing. The sampling were performed by means of the filtration and condensation method using PCDD/DF and PCBs sampling system conformed to European Standard PN-EN 1948-1:2006 and PN-EN 1948-4:2014-03.

The following page shows the schematic diagram of the sampling system.

Stage II - laboratory analysis

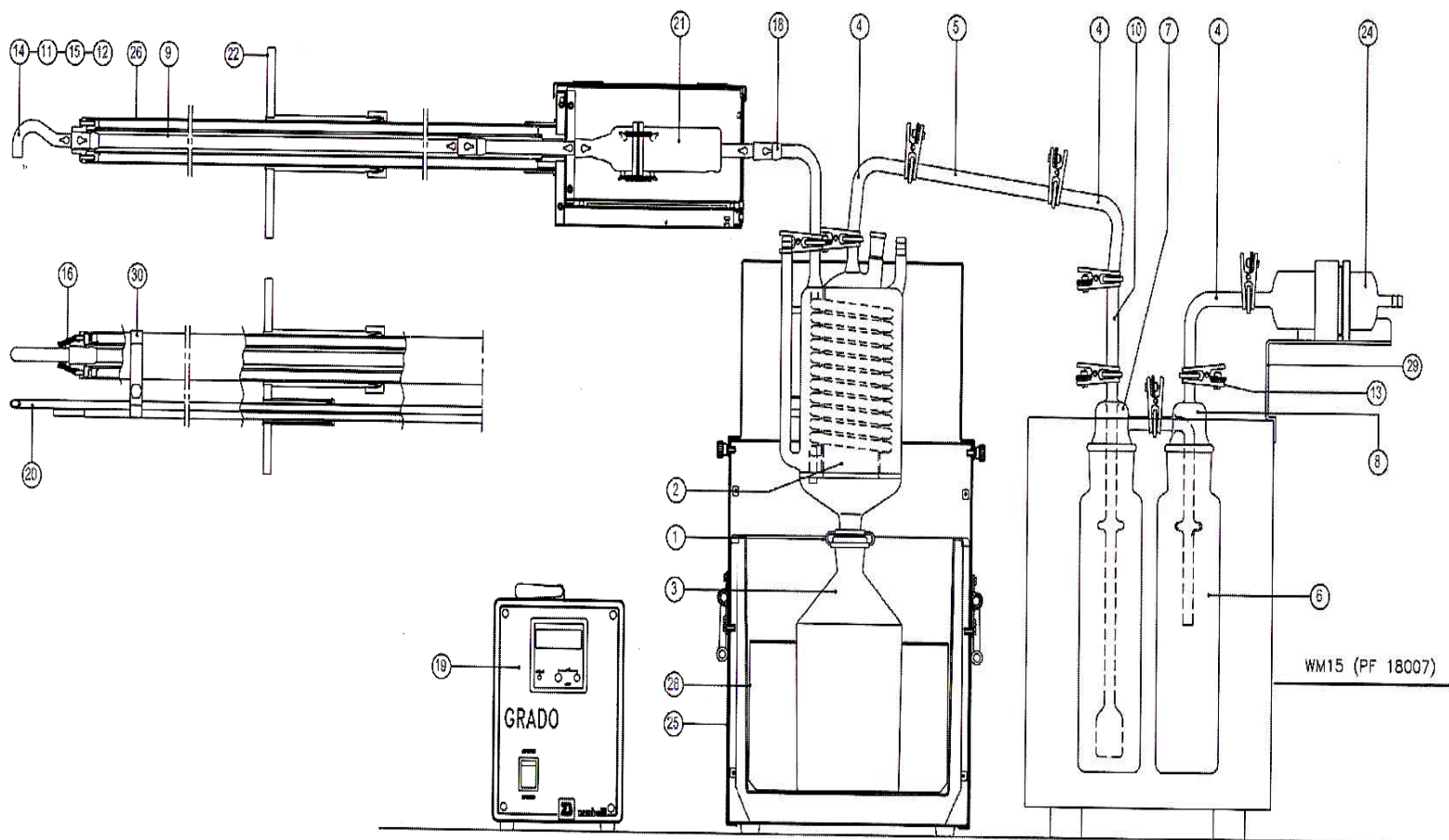
The samples were analysed at the ALS Czech Republic, s.r.o accredited laboratory following the CSN EN 1948-2,3,4 methodology: The determination of polychlorinated dibenzo-p-dioxine, dibenzofurans in emission samples with the method of isotop dillution using HRGC/HRMS.

The dioxin and furans analyses were conducted at the ALS Czech Republic, s.r.o. Laboratory, specifically accredited for the test by the Český Institut Pro Akreditaci, o.p.s. , Nr L 1163.

Stage III - development and the results and discussion

The last stage includes results collection from the previous stages, emission calculation and PCDD/DF and PCBs concentration as well as comparison to the standards in force.

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Opis:

1. ferrule
2. cooler

5,10. aspiration path - tubes

13. clamp

20. Pitot tube „S” - type

25. cooler casing

3. condensation pot

6-8. scrubbers

16. holding springs

21. filter casing

26. heated probe

4,18. aspiration path - elbows

9. aspiration path - probe tube
17. aspiration controller

22. yoke

28. cooler coil

11,12,14,15. – aspiration endings

19. temperature controller

24. gas dryer

29,30. support

WM15 (PF 18007)

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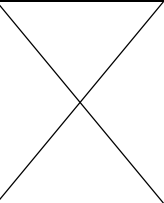
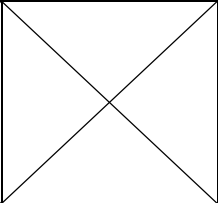
6. MEASUREMENT RESULTS

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- 1) Plant or unit name: **Combined Heat and Power Plant⁽¹⁾**
- 2) Flue gases cleaning unit: **ALSTOM NID flue gas cleaning solution (bag filters, activate carbon, ammonia solution, hydrated lime)⁽¹⁾**
- 3) Emission source load during measurements: **~98,8 MW⁽¹⁾**
- 4) Fuel type or material mass flow in process: **municipal waste, industrial waste; ~28,0 t/h⁽¹⁾**
- 5) Location of sampling and measurements: **in duct, after flue gases cleaning unit**

Measurement reference number				09-06-01		
Date of measurement				09.06.2026		
Measurement time range				09:11-15:12		
Scope of test			Unit	Results	Uncertainty +/-	Method
Meteorological conditions	Atmospheric pressure		hPa	1009,6	0,9	PN-Z-04030-7:1994
	Air temperature		oC	21		
Measurement plane	Diameter		m	2,20		
	Area		m2	3,7994		
Stack gas parameters	Temperature		oC	52	1,710	
	Static pressure		Pa	6	0,080	
	Differential pressure		Pa	147	1,710	
	Gas moistness grade X		kg/kg	0,101	0,001	
	Average velocity		m/s	13,1	0,8	
	Chemical composition	O2	%	6,9	0,4	
		CO2	%	11,8	0,5	ISO 10396:2007
	Wet gas density during testing		kg/m3	1,063		PN-EN 14790:2017
	Gas density in normal conditions		kg/m3 N	1,268		PN-EN 14790:2017
	Gas density in conventional conditions		kg/m3 U	1,347		PN-EN 14790:2017
Concentration in the gas at measurement conditions	PCDDF*		ng/m3	0,0044	0,0014	PN-EN 1948:2006
	PCB*			0,0010	0,0003	PN-EN 1948—4:2014-03
	PCDDF*+PCB*			0,0054	0,0017	
Concentration in the gas at normal conditions	PCDDF*		ng/m3 N	0,0048	0,0015	PN-EN 1948:2006
	PCB*			0,0011	0,0003	PN-EN 1948—4:2014-03
	PCDDF*+PCB*			0,0059	0,0018	
Concentration of the substance in the gas in the standard conditions	PCDDF*		ng/m3 U	0,0056	0,0017	PN-EN 1948:2006
	PCB*			0,0013	0,0004	PN-EN 1948—4:2014-03
	PCDDF*+PCB*			0,0069	0,0021	
Concentration of the substance in the gas in the reference conditions O2 ref. 11%	PCDDF*		ng/m3 ref.	0,0040	0,0012	PN-EN 1948:2006
	PCB*			0,0009	0,0003	PN-EN 1948—4:2014-03
	PCDDF*+PCB*			0,0049	0,0015	
Gas volume flow	measurement conditions		m3/h	179590	22583	PN-EN ISO 16911-1:2013 CEN/TR 17078:2017
	normal conditions		m3N/h	150489	18924	
	conventional conditions		m3U/h	128694	16183	
	conventional conditions O2 ref. 11%		m3ref./h	181459	24572	
The emission obtained by measuring	PCDDF*		ng/h	720,69	240,97	PN-EN 1948:2006
	PCB*			167,30	55,94	PN-EN 1948—4:2014-03
	PCDDF*+PCB*			887,99	296,91	

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Emission limits	PCDDF*	ng/m3 ref.	0,06		
	PCB*		0,02		
	PCDDF*+PCB*		0,08		
Transgersion	PCDDF*	ng/m3 ref.	-		
	PCB*		-		
	PCDDF*+PCB*		-		

*- the results obtained from the subcontractor (accredited)

¹⁾-information obtained from the client**Notes:**

Normal conditions designate the temperature of 273 K and pressure of 101,3kPa, defining normal cubic meter m³N. The conventional conditions designate the temperature of 273K, pressure of 101,3 kPa and dry gases (steam contents less than 5 g/kg of flue gas), defining conventional cubic meter, m3U

The specified expanded uncertainty comes from standard uncertainty multiplied by expansion coefficient k = 2, which provides 95% level of confidence for normal distribution. Uncertainty takes into account the sampling and analysis.

Registry of samples delivered to the laboratory: P/60/06/26, P/61/06/26

Date of delivery to the laboratory: 12.06.2026

Date of analysis: 12.06 - 08.07.2026

Field blanks:

ID/ number of sample	Type of substance	The criterion of the blank [ng/m ³] 11%O ₂	The value of the blank [ng/m ³] 11% O ₂	Result [+/-]
P/61/06/26	PCDD/DF	0,006	< 0,0023	+
	PCB	0,002	< 0,0008	+

Test Report No PW/51/07/26Work parameters of measurement system:**PCDD/DF (PN-EN 1948:2006) and PCB (PN-EN 1948-4+A1:2013)::**

sampling method:	condensation - adsorption method		
filter parameters:	19 x 90 mm, filter efficiency: 99,998 %		
sampling train:	2 measurement axis		
oxygen reference :	11 %		
time of dioxins and furans measurement:	09:11 – 15:12 (360,2 min)		
nozzle diameter:	6	mm	
probe temperature:	118	°C	
scrubbers temperature	6	°C	
aspired gas volume	6,443	m ³	
average sampling flow	17,9	l/min	
isokinetic ratio:	100,8	%	
leak test:	+ / +		
gas meter temperature	27,3	°C	
gas meter pressure	0	bar	
spiking pattern:	filter surface		
absorption solution:	100 ml H ₂ O dest. + 50 ml 2-etoksyetanol		
recovery:	64 %	¹³ C ₁₂ -1,2,3,7,8-PECDF,	/>50%/
	83 %	¹³ C ₁₂ -1,2,3,7,8,9-HxCDF,	/>50%/
	75 %	¹³ C ₁₂ -1,2,3,7,8,9 HpCDF.	/>50%/
	97 %	¹³ C ₁₂ -2,3,4,4'-tetraCB (60),	/>50%/
	84 %	¹³ C ₁₂ -2,3,3',4,5,5'-hexaCB (159).	/>50%/
PCDD/DF TEQ sample mass:	0,032	ng	
PCB TEQ sample mass:	0,007	ng	

H₂O (PN-EN 14790:2017)

sampling train:	2 measurement axis
sampling equipment:	titanium sampling train
	heated probe 1,5 m long
	sampling pump: SKC
cartridge:	H ₂ O content set No 1
number of samplings:	1
sampling time:	30 min
sampling volume:	~2,0 l/min
H ₂ O mass:	7,6 g
absorption efficiency:	98,9 %

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O₂ paramagnetic (PN-EN 14789:2017):

Range :	0 – 5 %	☐	
	0 – 10 %	☒	
	0 – 25 %	☐	
Calibration gas:	O ₂ – 8,001%	☒	R/07/W
	O ₂ – 18,85%	☐	R/12/W
	N ₂ – 99,99%	☒	R/17/
Sampling train:	2 measurement axis		
Sampling time/ average time:	360 min / 1 min		

O ₂ concentration measurement (paramagnetic):		HORIBA PG-350E-EU			
check operation		unit	result	criterion	result +/-
„0” after adjustment, without sampling train		%	0,05	± 0,1 [%]*	+
„0” after adjustment, with sampling train	before measurement	%	0,05	± 0,2 [%]**	+
	after measurement	%	0,09	± 0,2 [%]**	+
„Span” after adjustment with sampling train /standard 8,001 % R/07/W analyzer range 10%/	before measurement	%	8,0	± 0,2 [%]**	+
	after measurement	%	8,1	± 0,2 [%]**	+
	before measurement time T90	%	8,0	> 7,2 [%]	-----
		sec.	23	< 200 sec.	+

Test Report No PW/51/07/26**7. MEASUREMENT DEVICES**

Name of measuring device		X1- Apis
Type of measuring device		Isokinetic sampler S/N 0185
Certificate	Calibration No	94/54/LA/P/2023 27.02.2023 G-73/23-46/23 23.02.2023 65/1/T/23 02.03.2023
Issued by		PLUM Sp. z o.o. KLEOSIN ZAP BESTWINKA LABOSERWIS Sp. z o.o. KATOWICE
Date of issue the certificate of calibration		27.02.2023 27.02.2023 02.03.2023
Expiration date of the certificate of calibration		-

Name of measuring device		HORIBA
Type of measuring device		PG-350E-EU
Certificate	Calibration No	106/1/AW/25
Issued by		LABOSERWIS SP. Z O.O. KATOWICE
Date of issue the certificate of calibration		10.04.2025
Expiration date of the certificate of calibration		-

Name of measuring device		Sampler
Type of measuring device		224-PCMTX4, 224-44MTX
Certificate	Calibration No	T220/PMT/2024 245/1/C/24
Issued by		CZACH-POMIAR Sp. z o.o. KATOWICE LABOSERWIS Sp. z o.o. KATOWICE
Date of issue the certificate of calibration		02.10.2024 r. 23.09.2024 r.
Expiration date of the certificate of calibration		-

Test Report No PW/51/07/26**8. ANALYSIS RESULTS****Attachment no. 1 to the Certificate of Analysis for work order PR2677513**

Sample:

P/60/06/26

ALS SAMPLE ID: PR2677513/ 001

Measurement results PCDD/Fs:

Sample:					
P/60/06/26					
Final extract [µl]:				60	
Injection volume [µl]:				4	
Acquisition date (d.m.y h:m):				27.6.26 8:54	
2,3,7,8-PCDD/Fs	Result [ng/sample]	Limit of Detection [ng/sample]	Limit of Quantification [ng/sample]	I-TEFs	I-TEQ Upperbound [ng/sample]
2,3,7,8-TCDD	< 0.0053	0.0016	0.0053	1	0.0053
1,2,3,7,8-PeCDD	< 0.0072	0.0022	0.0072	0.5	0.0036
1,2,3,4,7,8-HxCDD	< 0.014	0.0043	0.014	0.1	0.0014
1,2,3,6,7,8-HxCDD	< 0.014	0.0043	0.014	0.1	0.0014
1,2,3,7,8,9-HxCDD	< 0.014	0.0043	0.014	0.1	0.0014
1,2,3,4,6,7,8-HpCDD	< 0.017	0.005	0.017	0.01	0.00017
OCDD	< 0.027	0.0081	0.027	0.001	0.000027
2,3,7,8-TCDF	0.0098	0.0016	0.0052	0.1	0.00098
1,2,3,7,8-PeCDF	0.025	0.0019	0.0063	0.05	0.0012
2,3,4,7,8-PeCDF	0.019	0.0019	0.0063	0.5	0.0095
1,2,3,4,7,8-HxCDF	< 0.014	0.0041	0.014	0.1	0.0014
1,2,3,6,7,8-HxCDF	0.019	0.0041	0.014	0.1	0.0019
1,2,3,7,8,9-HxCDF	< 0.014	0.0041	0.014	0.1	0.0014
2,3,4,6,7,8-HxCDF	< 0.014	0.0041	0.014	0.1	0.0014
1,2,3,4,6,7,8-HpCDF	< 0.022	0.0067	0.022	0.01	0.00022
1,2,3,4,7,8,9-HpCDF	< 0.022	0.0067	0.022	0.01	0.00022
OCDF	< 0.029	0.0086	0.029	0.001	0.000029
I-TEQ-Lowerbound					0.014
I-TEQ-Mediumbound					0.023
I-TEQ-Upperbound					0.032
PCDDs	Result [ng/sample]		PCDFs	Result [ng/sample]	
Tetra-CDDs	< 0.12		Tetra-CDFs	0.36	
Penta-CDDs	< 0.1		Penta-CDFs	0.31	
Hexa-CDDs	< 0.14		Hexa-CDFs	0.21	
Hepta-CDDs	< 0.033		Hepta-CDFs	< 0.089	
OCDD	< 0.027		OCDF	< 0.029	

I-TEF according to NATO.

Limits of quantification are defined as the amount of analyte producing a signal with $S/N \geq 10$.The limit of detection is defined as the amount of analyte producing a signal with $S/N \geq 3$.

The value of the detection limit is mentioned as the actual value at the acquisition date.

Measurement uncertainty is expressed as a double ($k=2$) relative standard deviation (RSD%), and corresponds to 95% confidence interval.

Estimation of uncertainty of each 2,3,7,8-PCDD/F congener is 30% and total I-TEQ is 20%.

Results marked with "<" are below limit of quantification.

"Lowerbound" and "Upperbound" are levels defined in Regulation 2017/644 and EN 1948-4.

"Mediumbound" is levels defined in Regulation 2017/644.

Test Report No PW/51/07/26**Attachment no. 1 to the Certificate of Analysis for work order PR2677513**

Sample:

P/60/06/26

ALS SAMPLE ID: PR2677513/ 001

Standards recovery:

Sample:					
P/60/06/26					
Final extract [µl]:				60	
Injection volume [µl]:				4	
Acquisition date [d.m.y h.m]:				27.6.26 8:54	
Extraction standard	Recovery	Acceptable range [%]		Accept. rec. with respect to	
PCDDs	[%]	Basic	Extended	basic range	extended range
13C12 - 2,3,7,8-TCDD	70	50 - 130	30 - 150	YES	-
13C12 - 1,2,3,7,8-PeCDD	92	50 - 130	30 - 150	YES	-
13C12 - 1,2,3,4,7,8-HxCDD	91	50 - 130	30 - 150	YES	-
13C12 - 1,2,3,6,7,8-HxCDD	91	50 - 130	30 - 150	YES	-
13C12 - 1,2,3,4,6,7,8-HpCDD	79	40 - 130	20 - 150	YES	-
13C12 - OCDD	47	40 - 130	20 - 150	YES	-
PCDFs					
13C12 - 2,3,7,8-TCDF	72	50 - 130	30 - 150	YES	-
13C12 - 2,3,4,7,8-PeCDF	88	50 - 130	30 - 150	YES	-
13C12 - 1,2,3,4,7,8-HxCDF	88	50 - 130	30 - 150	YES	-
13C12 - 1,2,3,6,7,8-HxCDF	85	50 - 130	30 - 150	YES	-
13C12 - 2,3,4,6,7,8-HxCDF	76	50 - 130	30 - 150	YES	-
13C12 - 1,2,3,4,6,7,8-HpCDF	79	40 - 130	20 - 150	YES	-
13C12 - OCDF	41	40 - 130	20 - 150	YES	-
Sampling standard	Recovery	Acceptable range		Rec. in range?	
	[%]	[%]			
13C12-1,2,3,7,8-PeCDF	64	> 50		YES	
13C12-1,2,3,7,8,9-HxCDF	83	> 50		YES	
13C12-1,2,3,4,7,8,9-HpCDF	75	> 50		YES	
37Cl4-2,3,7,8-TCDD	-	-		-	

Test Report No PW/51/07/26**Attachment no. 1 to the Certificate of Analysis for work order PR2677513**

Sample:

P/60/06/26

ALS SAMPLE ID: PR2677513/ 001

Measurement results PCBs:

Sample: P/60/06/26					
Final extract [μl]:				250	
Injection volume [μl]:				4	
Acquisition date [d.m.y h:m]:				27.6.26 10:19	
PCBs	Result [ng/sample]	Limit of Detection [ng/sample]	Limit of Quantification [ng/sample]	WHO-TEFs	WHO-TEQ Upperbound [ng/sample]
PCB #77	< 0.44	0.0053	0.44	0.0001	0.000044
PCB #81	< 0.023	0.005	0.023	0.0003	0.0000069
PCB #126	< 0.062	0.018	0.062	0.1	0.0062
PCB #169	< 0.021	0.0064	0.021	0.03	0.00064
PCB #105	< 1.2	0.006	1.2	0.00003	0.000035
PCB #114	< 0.097	0.0058	0.097	0.00003	0.0000029
PCB #118	< 2.4	0.0061	2.4	0.00003	0.000072
PCB #123	< 0.04	0.0059	0.04	0.00003	0.0000012
PCB #156	< 0.36	0.0029	0.36	0.00003	0.000011
PCB #157	< 0.033	0.0029	0.033	0.00003	0.00000099
PCB #167	< 0.17	0.0054	0.17	0.00003	0.000005
PCB #170	< 1.1	0.0038	1.1	-	0
PCB #180	< 2.4	0.0038	2.4	-	0
PCB #189	< 0.042	0.0033	0.042	0.00003	0.0000012
WHO-PCB-TEQ-"Lowerbound"					0
WHO-PCB-TEQ-"Mediumbound"					0.0035
WHO-PCB-TEQ-"Upperbound"					0.007
PCBs	Result [ng/sample]	Limit of Detection [ng/sample]	Limit of Quantification [ng/sample]	Indicator PCB Lowerbound [ng/sample]	Indicator PCB Upperbound [ng/sample]
PCB #28	< 7.9	0.0061	7.9	0	7.9
PCB #52	< 4.9	0.0094	4.9	0	4.9
PCB #101	< 5.2	0.009	5.2	0	5.2
PCB #118	< 2.4	0.0061	2.4	0	2.4
PCB #138	< 4.9	0.0087	4.9	0	4.9
PCB #153	< 6.3	0.01	6.3	0	6.3
PCB #180	< 2.4	0.0038	2.4	0	2.4
EPCB7 -"Lowerbound"				0	
EPCB7 -"Upperbound"					34

WHO 2005 TEF according to Van den Berg et al: Toxicological Sciences Advance Acces, 7 July 2006

Limits of quantification are defined on the base of blank level.

The limit of detection is defined as the amount of analyte producing a signal with $S/N \geq 3$.

The value of the detection limit is mentioned as the actual value at the acquisition date.

Measurement uncertainty is expressed as a double ($k=2$) relative standard deviation (RSD%), and corresponds to 95% confidence interval.

Estimation of uncertainty of each PCB congener is 30%, total WHO-TEQ and PCB6/PCB7 is 20%.

Results marked "<" are lower than the limit of detection or quantification.

"Lowerbound" and "Upperbound" are levels defined in Regulation 2017/644 and EN 1948-4.

"Mediumbound" is level defined in Regulation 2017/644.

Test Report No PW/51/07/26

Attachment no. 1 to the Certificate of Analysis for work order PR2677513

Sample:

P/60/06/26

ALS SAMPLE ID: PR2677513/ 001

Measurement results PCBs:

Sample: P/60/06/26		Final extract [µl]:	250
		Injection volume [µl]:	4
		Acquisition date [d.m.y h.m]:	27.6.26 10:19
Sampling standard	Recovery [%]	Acceptable range [%]	Rec. in range?
13C12-2,3,4,4'-tetraCB (60)	97	> 50	YES
13C12-2,3,3',4,5,5'-hexaCB (159)	84	> 50	YES

Test Report No PW/51/07/26**9. CERTIFICATE OF ACCREDITATION**

POLSKIE CENTRUM AKREDYTACJI
POLISH CENTRE FOR ACCREDITATION

 Sygnatariusz EA MLA
EA MLA Signatory

CERTYFIKAT AKREDYTACJI
LABORATORIUM BADAWCZEGO
ACCREDITATION CERTIFICATE OF TESTING LABORATORY
Nr AB 994

Potwierdza się, że: / This is to confirm that:

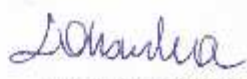
„PROFTECH” Sp. z o.o.
ul. Kurta Aldera 44, 41-506 Chorzów

spełnia wymagania normy PN-EN ISO/IEC 17025:2018-02
meets requirements of the PN-EN ISO/IEC 17025:2018-02 standard

Akredytowana działalność jest określona w Zakresie Akredytacji Nr AB 994
Accredited activity is defined in the Scope of Accreditation No AB 994

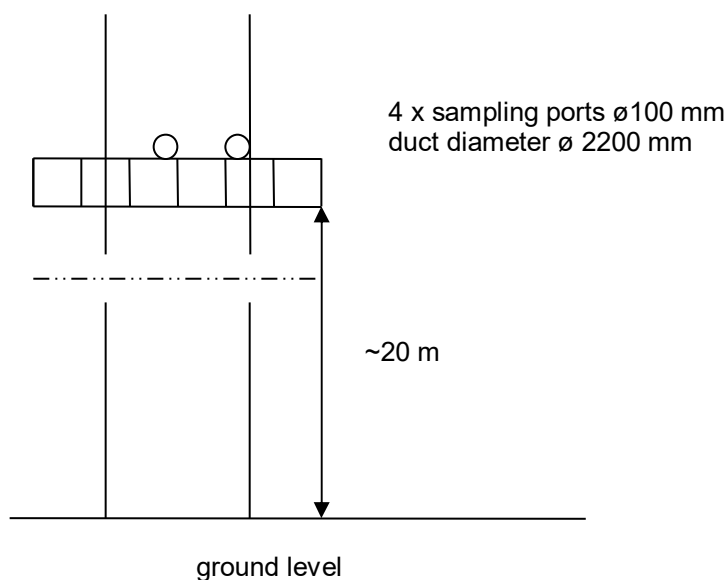
Akredytacja pozostaje w mocy pod warunkiem przestrzegania
wymagań jednostki akredytującej określonych w kontrakcie Nr AB 994
This accreditation remains in force provided the Laboratory observes
the requirements of Accreditation Body defined in the Contract No AB 994

Akredytacji udzielono dnia 30.01.2009 r.
Accreditation was granted on 30.01.2009

  **DYREKTOR**
POLSKIEGO CENTRUM AKREDYTACJI

LUCYNA OLBORSKA

Warszawa, dnia 9 grudnia 2019 roku

Test Report No PW/51/07/26

10. MEASUREMENT PLANE SCHEME

Approved by

.....
Name and Signature

END OF REPORT

The client has the right to submit a complaint regarding matters directly related to the test results within 30 days from the date of receiving the report.

The presented results apply exclusively to the tested objects.

The test report may not be reproduced other than in full without the written consent of the laboratory.