



Cracow, date



GMP050478



AB 749

F07/01 obowiązuje wersja 7 od 1.07.2019

ANALYTICAL REPORT No:
IChiTN/YEAR/NUMBER

CUSTOMER:	SAMPLE DESCRIPTION
Customer name Address	Sample name, Sample description
	Object of research: Sample delivery date: Date of the result:

	Analytical result	Unit
Sum of dioxins (WHO-PCDD/F-TEQ)	XX ± KK	
Sum of dioxins and dioxin-like PCB (WHO-PCDD/F-PCB-TEQ)	YY ± LL	
Sum of non dioxin-like PCB PCB28, PCB52, PCB101, PCB138, PCB153 and PCB180 (ICES – 6)	ZZ ± MM	

The analytical work was performed according to procedure - P/01/03 date of edition 11.03.2010
The results is expressed in accordance with (legal reference, if applicable) and presented as the **upper limit**.

The result of the analysis is specific to this particular sample.
The customer has the right to complain within 30 days from the date of issue of the report.
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Person authorizing the report



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Dioxin

Dioxin Congener PCDD/F	WHO TEF	LOQ - Limit of Quantification [unit]	Dioxin congener mass [unit]	Partial TEQ[unit] calculated as the upper limit
2,3,7,8-TeCDD ^{a)}	1	A	B	C
1,2,3,7,8-PeCDD	1	A	B	C
1,2,3,4,7,8-HxCDD	0.1	A	B	C
1,2,3,6,7,8-HxCDD	0.1	A	B	C
1,2,3,7,8,9-HxCDD	0.1	A	B	C
1,2,3,4,6,7,8-HpCDD	0.01	A	B	C
OCDD	0.0003	A	B	C
2,3,7,8-TeCDF	0.1	A	B	C
1,2,3,7,8-PeCDF	0.03	A	B	C
2,3,4,7,8-PeCDF	0.3	A	B	C
1,2,3,4,7,8-HxCDF	0.1	A	B	C
1,2,3,6,7,8-HxCDF	0.1	A	B	C
1,2,3,7,8,9-HxCDF	0.1	A	B	C
2,3,4,6,7,8-HxCDF	0.1	A	B	C
1,2,3,4,6,7,8-HpCDF	0.01	A	B	C
1,2,3,4,7,8,9-HpCDF	0.01	A	B	C
OCDF	0.0003	A	B	C
The analytical result reported as WHO PCDD/F-TEQ				XX
LOQ given as for WHO PCDD/F-TEQ				

n.d. – not determined (below the limit of quantification)

Measurement uncertainty expressed as expanded uncertainty for $k = 2$ at the 95% confidence level.

The value of the limit of quantification is determined from actual measurement data.

The uncertainty of the determination of congener of PCDD/F is estimated at XX%.

- a) Te – tetra, Pe = penta, Hx = hexa, Hp = hepta, O = octa,
CDD - chlorodibenzodioxin; CDF – chlorodibenzofuran

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Dioxin-like PCB (dl-PCB)

PCB congener		LOQ - Limit of Quantification [unit]	PCB congener mass [unit]	Partial TEQ [unit] calculated as the upper limit
PCB 77	WHO TEF	A	B	C
PCB126	0.0001	A	B	C
PCB169	0.1	A	B	C
PCB 81	0.03	A	B	C
PCB105	0.0003	A	B	C
PCB114	0.00003	A	B	C
PCB118	0.00003	A	B	C
PCB123	0.00003	A	B	C
PCB156	0.00003	A	B	C
PCB157	0.00003	A	B	C
PCB167	0.00003	A	B	C
PCB189	0.00003	A	B	C
The analytical result reported as WHO PCB-TEQ				PP
LOQ given as for WHO PCB-TEQ				

n.d. – not determined (below the limit of quantification)

Measurement uncertainty expressed as expanded uncertainty for $k = 2$ at the 95% confidence level.

The value of the limit of quantification is determined from actual measurement data.

The uncertainty of the determination of congener of dl-PCB is estimated at XX%.

Non dioxin-like PCB (ndl-PCB)

PCB congener	LOQ - Limit of Quantification [unit]	PCB congener mass [unit] calculated as the upper limit
PCB 28	A	B
PCB 52	A	B
PCB101	A	B
PCB138	A	B
PCB153	A	B
PCB180	A	B
PCB summarized value		ZZ
LOQ given as for summarized value		

n.d. – not determined (below the limit of quantification)

Measurement uncertainty expressed as expanded uncertainty for $k = 2$ at the 95% confidence level.

The value of the limit of quantification is determined from actual measurement data.

The uncertainty of the determination of congener of ndl-PCB is estimated at XX%.

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