



ISSEP
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The present document voids and replaces the previously issued report(s) with same reference(s).

ANALYTICAL REPORT : IAC23-04096_R1

Your reference: LW220061-07 - ISSEP
Number of samples: 50
Date of receipt: 24/03/2023
Identification of the samples:
See next page(s)

Analytical results:
See next page(s)

Remarks:

Results are based on a single analysis. For the purpose of compliance judgement in the case of a regulation exceeding, this result needs to be confirmed by a second, independent analysis.
Revision: Report completed with extra components.

I.A.C., a division of SGS Belgium NV

ANTWERP, 27/06/2023

Sven Herremans
Lab Operations Manager

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A description of the used analytical methods, the identity of the external laboratories for the marked (E) analyses and the uncertainty of measurement of analyses are available upon request. Possible mentioned norms or criteria are made in accordance with the client.

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Analytical results:

Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion
(ECO/AV/IMA/007)

Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion
(ECO/AV/IMA/007)

Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion
(ECO/AV/IMA/007)

Determination of Polybrominated Diphenylethers
(ECO/AV/IAC/030)

Determination of 2,3,7,8 substituted PCDF's and PCDD's
(ECO/AV/IAC/012)

Determination of Dioxin-like Polychlorinated Biphenyls (PCB)
(ECO/AV/IAC/015)

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)
(HRGC/HRMS)

Determination of Polybrominated Diphenylethers
(ECO/AV/IAC/030)

ANALYTICAL REPORT : IAC23-04096_R1

Identification of the samples:

IAC23-04096.001 - C5
IAC23-04096.002 - C3
IAC23-04096.003 - C6
IAC23-04096.004 - C8
IAC23-04096.005 - C11
IAC23-04096.006 - A2
IAC23-04096.007 - A3
IAC23-04096.008 - A5
IAC23-04096.009 - A6
IAC23-04096.010 - A7
IAC23-04096.011 - CT1
IAC23-04096.012 - CT2
IAC23-04096.013 - CT3
IAC23-04096.014 - CT5
IAC23-04096.015 - CT7
IAC23-04096.016 - CT8
IAC23-04096.017 - CT10
IAC23-04096.018 - CT9-1
IAC23-04096.019 - CT9-2
IAC23-04096.020 - CT6
IAC23-04096.021 - N2
IAC23-04096.022 - N4
IAC23-04096.023 - N6
IAC23-04096.024 - N8
IAC23-04096.025 - N10
IAC23-04096.026 - CR2
IAC23-04096.027 - CR8
IAC23-04096.028 - CR3
IAC23-04096.029 - CR4
IAC23-04096.030 - CR7
IAC23-04096.031 - CR10
IAC23-04096.032 - E2
IAC23-04096.033 - E3
IAC23-04096.034 - E5
IAC23-04096.035 - E6
IAC23-04096.036 - E7
IAC23-04096.037 - E9-1
IAC23-04096.038 - E9-2
IAC23-04096.039 - M2
IAC23-04096.040 - M3
IAC23-04096.041 - M4
IAC23-04096.042 - M1
IAC23-04096.043 - M6
IAC23-04096.044 - M7
IAC23-04096.045 - M8
IAC23-04096.046 - M5
IAC23-04096.047 - M10
IAC23-04096.048 - M11
IAC23-04096.049 - M12
IAC23-04096.050 - M9

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.001			Date of analysis: 05-05-2023			
Your reference: C5			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	30	0.1	3.0	3.0	3.0	0.77
2,3,7,8-TCDD	23	1	23	23	23	7.7
1,2,3,7,8-PeCDF	65	0.05	3.2	3.2	3.2	0.39
2,3,4,7,8-PeCDF	140	0.5	70	70	70	3.9
1,2,3,7,8-PeCDD	56	0.5	28	28	28	3.9
1,2,3,4,7,8-HxCDF	180	0.1	18	18	18	0.77
1,2,3,6,7,8-HxCDF	99	0.1	9.9	9.9	9.9	0.77
2,3,4,6,7,8-HxCDF	410	0.1	41	41	41	0.77
1,2,3,7,8,9-HxCDF	42	0.1	4.2	4.2	4.2	0.77
1,2,3,4,7,8-HxCDD	140	0.1	14	14	14	0.77
1,2,3,6,7,8-HxCDD	98	0.1	9.8	9.8	9.8	0.77
1,2,3,7,8,9-HxCDD	90	0.1	9.0	9.0	9.0	0.77
1,2,3,4,6,7,8-HpCDF	290	0.01	2.9	2.9	2.9	0.13
1,2,3,4,7,8,9-HpCDF	140	0.01	1.4	1.4	1.4	0.13
1,2,3,4,6,7,8-HpCDD	230	0.01	2.3	2.3	2.3	0.13
OCDF	2700	0.001	2.7	2.7	2.7	0.026
OCDD	640	0.001	0.64	0.64	0.64	0.026
Total			240	240	240	22
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<22	0.0003	0.0	0.0033	0.0065	0.0065
3,3',4,4'-TeCB (PCB #77)	170	0.0001	0.017	0.017	0.017	0.0043
3,3',4,4',5'-PeCB (PCB #126)	33	0.1	3.3	3.3	3.3	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.33	0.33
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	46	0.00003	0.0014	0.0014	0.0014	0.0013
2,3',4,4',5'-PeCB (PCB #118)	2500	0.00003	0.074	0.074	0.074	0.013
2,3,4,4',5'-PeCB (PCB #114)	49	0.00003	0.0015	0.0015	0.0015	0.0013
2,3,3',4,4'-PeCB (PCB #105)	970	0.00003	0.029	0.029	0.029	0.0065
2,3',4,4',5,5'-HxCB (PCB #167)	370	0.00003	0.011	0.011	0.011	0.0065
2,3,3',4,4',5'-HxCB (PCB #156)	840	0.00003	0.025	0.025	0.025	0.0065
2,3,3',4,4',5'-HxCB (PCB #157)	130	0.00003	0.0038	0.0038	0.0038	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	160	0.00003	0.0047	0.0047	0.0047	0.0013
Total			3.5	3.6	3.8	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.002			Date of analysis: 05-05-2023			
Your reference: C3			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	4.6	0.1	0.46	0.46	0.46	0.33
2,3,7,8-TCDD	<3.3	1	0.0	1.6	3.3	3.3
1,2,3,7,8-PeCDF	<3.3	0.05	0.0	0.081	0.16	0.16
2,3,4,7,8-PeCDF	<3.3	0.5	0.0	0.81	1.6	1.6
1,2,3,7,8-PeCDD	<3.3	0.5	0.0	0.81	1.6	1.6
1,2,3,4,7,8-HxCDF	4.0	0.1	0.40	0.40	0.40	0.33
1,2,3,6,7,8-HxCDF	<3.3	0.1	0.0	0.16	0.33	0.33
2,3,4,6,7,8-HxCDF	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,7,8,9-HxCDF	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,4,7,8-HxCDD	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,6,7,8-HxCDD	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,7,8,9-HxCDD	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,4,6,7,8-HpCDF	15	0.01	0.15	0.15	0.15	0.054
1,2,3,4,7,8,9-HpCDF	<5.4	0.01	0.0	0.027	0.054	0.054
1,2,3,4,6,7,8-HpCDD	40	0.01	0.40	0.40	0.40	0.054
OCDF	27	0.001	0.027	0.027	0.027	0.011
OCDD	340	0.001	0.34	0.34	0.34	0.011
Total			1.8	6.1	10	9.5
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	33	0.0003	0.010	0.010	0.010	0.0065
3,3',4,4'-TeCB (PCB #77)	940	0.0001	0.094	0.094	0.094	0.0043
3,3',4,4',5'-PeCB (PCB #126)	56	0.1	5.6	5.6	5.6	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.33	0.33
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	130	0.00003	0.0040	0.0040	0.0040	0.0013
2,3',4,4',5'-PeCB (PCB #118)	10000	0.00003	0.31	0.31	0.31	0.013
2,3,4,4',5'-PeCB (PCB #114)	190	0.00003	0.0057	0.0057	0.0057	0.0013
2,3,3',4,4'-PeCB (PCB #105)	3900	0.00003	0.12	0.12	0.12	0.0065
2,3',4,4',5,5'-HxCB (PCB #167)	1200	0.00003	0.037	0.037	0.037	0.0065
2,3,3',4,4',5'-HxCB (PCB #156)	3100	0.00003	0.092	0.092	0.092	0.0065
2,3,3',4,4',5'-HxCB (PCB #157)	390	0.00003	0.012	0.012	0.012	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	460	0.00003	0.014	0.014	0.014	0.0013
Total			6.3	6.4	6.6	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.003			Date of analysis: 05-05-2023			
Your reference: C6			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.1	0.1	0.0	0.15	0.31	0.31
2,3,7,8-TCDD	<3.1	1	0.0	1.5	3.1	3.1
1,2,3,7,8-PeCDF	<3.1	0.05	0.0	0.077	0.15	0.15
2,3,4,7,8-PeCDF	<3.1	0.5	0.0	0.77	1.5	1.5
1,2,3,7,8-PeCDD	<3.1	0.5	0.0	0.77	1.5	1.5
1,2,3,4,7,8-HxCDF	4.4	0.1	0.44	0.44	0.44	0.31
1,2,3,6,7,8-HxCDF	<3.1	0.1	0.0	0.15	0.31	0.31
2,3,4,6,7,8-HxCDF	3.3	0.1	0.33	0.33	0.33	0.31
1,2,3,7,8,9-HxCDF	<3.1	0.1	0.0	0.15	0.31	0.31
1,2,3,4,7,8-HxCDD	<3.1	0.1	0.0	0.15	0.31	0.31
1,2,3,6,7,8-HxCDD	3.8	0.1	0.38	0.38	0.38	0.31
1,2,3,7,8,9-HxCDD	<3.1	0.1	0.0	0.15	0.31	0.31
1,2,3,4,6,7,8-HpCDF	21	0.01	0.21	0.21	0.21	0.051
1,2,3,4,7,8,9-HpCDF	<5.1	0.01	0.0	0.026	0.051	0.051
1,2,3,4,6,7,8-HpCDD	44	0.01	0.44	0.44	0.44	0.051
OCDF	44	0.001	0.044	0.044	0.044	0.010
OCDD	340	0.001	0.34	0.34	0.34	0.010
Total			2.2	6.1	10	8.9
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<20	0.0003	0.0	0.0031	0.0061	0.0061
3,3',4,4'-TeCB (PCB #77)	91	0.0001	0.0091	0.0091	0.0091	0.0041
3,3',4,4',5'-PeCB (PCB #126)	<10	0.1	0.0	0.51	1.0	1.0
3,3',4,4',5,5'-HxCB (PCB #169)	<10	0.03	0.0	0.15	0.31	0.31
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<41	0.00003	0.0	0.00061	0.0012	0.0012
2,3',4,4',5'-PeCB (PCB #118)	950	0.00003	0.028	0.028	0.028	0.012
2,3,4,4',5'-PeCB (PCB #114)	<41	0.00003	0.0	0.00061	0.0012	0.0012
2,3,3',4,4'-PeCB (PCB #105)	390	0.00003	0.012	0.012	0.012	0.0061
2,3',4,4',5,5'-HxCB (PCB #167)	<200	0.00003	0.0	0.0031	0.0061	0.0061
2,3,3',4,4',5'-HxCB (PCB #156)	<200	0.00003	0.0	0.0031	0.0061	0.0061
2,3,3',4,4',5'-HxCB (PCB #157)	<41	0.00003	0.0	0.00061	0.0012	0.0012
2,3,3',4,4',5,5'-HpCB (PCB #189)	<41	0.00003	0.0	0.00061	0.0012	0.0012
Total			0.049	0.73	1.4	1.4
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.004			Date of analysis: 05-05-2023			
Your reference: C8			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<4.7	0.1	0.0	0.24	0.47	0.47
2,3,7,8-TCDD	<4.7	1	0.0	2.4	4.7	4.7
1,2,3,7,8-PeCDF	6.2	0.05	0.31	0.31	0.31	0.24
2,3,4,7,8-PeCDF	8.3	0.5	4.1	4.1	4.1	2.4
1,2,3,7,8-PeCDD	8.2	0.5	4.1	4.1	4.1	2.4
1,2,3,4,7,8-HxCDF	12	0.1	1.2	1.2	1.2	0.47
1,2,3,6,7,8-HxCDF	8.8	0.1	0.88	0.88	0.88	0.47
2,3,4,6,7,8-HxCDF	21	0.1	2.1	2.1	2.1	0.47
1,2,3,7,8,9-HxCDF	11	0.1	1.1	1.1	1.1	0.47
1,2,3,4,7,8-HxCDD	17	0.1	1.7	1.7	1.7	0.47
1,2,3,6,7,8-HxCDD	9.8	0.1	0.98	0.98	0.98	0.47
1,2,3,7,8,9-HxCDD	12	0.1	1.2	1.2	1.2	0.47
1,2,3,4,6,7,8-HpCDF	53	0.01	0.53	0.53	0.53	0.078
1,2,3,4,7,8,9-HpCDF	15	0.01	0.15	0.15	0.15	0.078
1,2,3,4,6,7,8-HpCDD	100	0.01	1.0	1.0	1.0	0.078
OCDF	170	0.001	0.17	0.17	0.17	0.016
OCDD	430	0.001	0.43	0.43	0.43	0.016
Total			20	22	25	14
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<24	0.0003	0.0	0.0035	0.0071	0.0071
3,3',4,4'-TeCB (PCB #77)	140	0.0001	0.014	0.014	0.014	0.0047
3,3',4,4',5'-PeCB (PCB #126)	13	0.1	1.3	1.3	1.3	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.18	0.35	0.35
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<47	0.00003	0.0	0.00071	0.0014	0.0014
2,3',4,4',5'-PeCB (PCB #118)	1200	0.00003	0.037	0.037	0.037	0.014
2,3,4,4',5'-PeCB (PCB #114)	<47	0.00003	0.0	0.00071	0.0014	0.0014
2,3,3',4,4'-PeCB (PCB #105)	550	0.00003	0.016	0.016	0.016	0.0071
2,3',4,4',5,5'-HxCB (PCB #167)	<240	0.00003	0.0	0.0035	0.0071	0.0071
2,3,3',4,4',5'-HxCB (PCB #156)	<240	0.00003	0.0	0.0035	0.0071	0.0071
2,3,3',4,4',5'-HxCB (PCB #157)	<47	0.00003	0.0	0.00071	0.0014	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	<47	0.00003	0.0	0.00071	0.0014	0.0014
Total			1.3	1.5	1.7	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.005			Date of analysis: 05-05-2023			
Your reference: C11			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.2	0.1	0.0	0.16	0.32	0.32
2,3,7,8-TCDD	<3.2	1	0.0	1.6	3.2	3.2
1,2,3,7,8-PeCDF	<3.2	0.05	0.0	0.080	0.16	0.16
2,3,4,7,8-PeCDF	<3.2	0.5	0.0	0.80	1.6	1.6
1,2,3,7,8-PeCDD	<3.2	0.5	0.0	0.80	1.6	1.6
1,2,3,4,7,8-HxCDF	30	0.1	3.0	3.0	3.0	0.32
1,2,3,6,7,8-HxCDF	5.2	0.1	0.52	0.52	0.52	0.32
2,3,4,6,7,8-HxCDF	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,7,8,9-HxCDF	8.9	0.1	0.89	0.89	0.89	0.32
1,2,3,4,7,8-HxCDD	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,6,7,8-HxCDD	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,7,8,9-HxCDD	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,4,6,7,8-HpCDF	34	0.01	0.34	0.34	0.34	0.053
1,2,3,4,7,8,9-HpCDF	7.3	0.01	0.073	0.073	0.073	0.053
1,2,3,4,6,7,8-HpCDD	18	0.01	0.18	0.18	0.18	0.053
OCDF	44	0.001	0.044	0.044	0.044	0.011
OCDD	91	0.001	0.091	0.091	0.091	0.011
Total			5.2	9.2	13	9.3
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<21	0.0003	0.0	0.0032	0.0064	0.0064
3,3',4,4'-TeCB (PCB #77)	180	0.0001	0.018	0.018	0.018	0.0043
3,3',4,4',5'-PeCB (PCB #126)	37	0.1	3.7	3.7	3.7	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.32	0.32
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	60	0.00003	0.0018	0.0018	0.0018	0.0013
2,3',4,4',5'-PeCB (PCB #118)	3000	0.00003	0.090	0.090	0.090	0.013
2,3,4,4',5'-PeCB (PCB #114)	76	0.00003	0.0023	0.0023	0.0023	0.0013
2,3,3',4,4'-PeCB (PCB #105)	1400	0.00003	0.042	0.042	0.042	0.0064
2,3',4,4',5,5'-HxCB (PCB #167)	250	0.00003	0.0076	0.0076	0.0076	0.0064
2,3,3',4,4',5'-HxCB (PCB #156)	560	0.00003	0.017	0.017	0.017	0.0064
2,3,3',4,4',5'-HxCB (PCB #157)	130	0.00003	0.0039	0.0039	0.0039	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	51	0.00003	0.0015	0.0015	0.0015	0.0013
Total			3.9	4.0	4.2	1.4
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.006			Date of analysis: 05-05-2023			
Your reference: A2			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.8	0.1	0.0	0.19	0.38	0.38
2,3,7,8-TCDD	<3.8	1	0.0	1.9	3.8	3.8
1,2,3,7,8-PeCDF	6.2	0.05	0.31	0.31	0.31	0.19
2,3,4,7,8-PeCDF	9.1	0.5	4.5	4.5	4.5	1.9
1,2,3,7,8-PeCDD	4.4	0.5	2.2	2.2	2.2	1.9
1,2,3,4,7,8-HxCDF	14	0.1	1.4	1.4	1.4	0.38
1,2,3,6,7,8-HxCDF	11	0.1	1.1	1.1	1.1	0.38
2,3,4,6,7,8-HxCDF	16	0.1	1.6	1.6	1.6	0.38
1,2,3,7,8,9-HxCDF	<3.8	0.1	0.0	0.19	0.38	0.38
1,2,3,4,7,8-HxCDD	7.3	0.1	0.73	0.73	0.73	0.38
1,2,3,6,7,8-HxCDD	9.3	0.1	0.93	0.93	0.93	0.38
1,2,3,7,8,9-HxCDD	8.1	0.1	0.81	0.81	0.81	0.38
1,2,3,4,6,7,8-HpCDF	56	0.01	0.56	0.56	0.56	0.063
1,2,3,4,7,8,9-HpCDF	17	0.01	0.17	0.17	0.17	0.063
1,2,3,4,6,7,8-HpCDD	91	0.01	0.91	0.91	0.91	0.063
OCDF	180	0.001	0.18	0.18	0.18	0.013
OCDD	540	0.001	0.54	0.54	0.54	0.013
Total			16	18	20	11
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<23	0.0003	0.0	0.0034	0.0069	0.0069
3,3',4,4'-TeCB (PCB #77)	430	0.0001	0.043	0.043	0.043	0.0046
3,3',4,4',5'-PeCB (PCB #126)	36	0.1	3.6	3.6	3.6	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.17	0.34	0.34
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	97	0.00003	0.0029	0.0029	0.0029	0.0014
2,3',4,4',5'-PeCB (PCB #118)	5500	0.00003	0.16	0.16	0.16	0.014
2,3,4,4',5'-PeCB (PCB #114)	120	0.00003	0.0036	0.0036	0.0036	0.0014
2,3,3',4,4'-PeCB (PCB #105)	2400	0.00003	0.072	0.072	0.072	0.0069
2,3',4,4',5,5'-HxCB (PCB #167)	440	0.00003	0.013	0.013	0.013	0.0069
2,3,3',4,4',5'-HxCB (PCB #156)	1100	0.00003	0.032	0.032	0.032	0.0069
2,3,3',4,4',5'-HxCB (PCB #157)	190	0.00003	0.0057	0.0057	0.0057	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	130	0.00003	0.0040	0.0040	0.0040	0.0014
Total			4.0	4.2	4.3	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.007						
Your reference: A3				Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	N.A.					
2,3,7,8-TCDD	N.A.					
1,2,3,7,8-PeCDF	N.A.					
2,3,4,7,8-PeCDF	N.A.					
1,2,3,7,8-PeCDD	N.A.					
1,2,3,4,7,8-HxCDF	N.A.					
1,2,3,6,7,8-HxCDF	N.A.					
2,3,4,6,7,8-HxCDF	N.A.					
1,2,3,7,8,9-HxCDF	N.A.					
1,2,3,4,7,8-HxCDD	N.A.					
1,2,3,6,7,8-HxCDD	N.A.					
1,2,3,7,8,9-HxCDD	N.A.					
1,2,3,4,6,7,8-HpCDF	N.A.					
1,2,3,4,7,8,9-HpCDF	N.A.					
1,2,3,4,6,7,8-HpCDD	N.A.					
OCDF	N.A.					
OCDD	N.A.					
Total						
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	N.A.					
3,3',4,4'-TeCB (PCB #77)	N.A.					
3,3',4,4',5'-PeCB (PCB #126)	N.A.					
3,3',4,4',5,5'-HxCB (PCB #169)	N.A.					
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	N.A.					
2,3',4,4',5'-PeCB (PCB #118)	N.A.					
2,3,4,4',5'-PeCB (PCB #114)	N.A.					
2,3,3',4,4'-PeCB (PCB #105)	N.A.					
2,3',4,4',5,5'-HxCB (PCB #167)	N.A.					
2,3,3',4,4',5'-HxCB (PCB #156)	N.A.					
2,3,3',4,4',5'-HxCB (PCB #157)	N.A.					
2,3,3',4,4',5,5'-HpCB (PCB #189)	N.A.					
Total						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.008			Date of analysis: 05-05-2023			
Your reference: A5			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	20	0.1	2.0	2.0	2.0	0.57
2,3,7,8-TCDD	8.9	1	8.9	8.9	8.9	5.7
1,2,3,7,8-PeCDF	41	0.05	2.1	2.1	2.1	0.28
2,3,4,7,8-PeCDF	69	0.5	34	34	34	2.8
1,2,3,7,8-PeCDD	34	0.5	17	17	17	2.8
1,2,3,4,7,8-HxCDF	73	0.1	7.3	7.3	7.3	0.57
1,2,3,6,7,8-HxCDF	55	0.1	5.5	5.5	5.5	0.57
2,3,4,6,7,8-HxCDF	150	0.1	15	15	15	0.57
1,2,3,7,8,9-HxCDF	23	0.1	2.3	2.3	2.3	0.57
1,2,3,4,7,8-HxCDD	63	0.1	6.3	6.3	6.3	0.57
1,2,3,6,7,8-HxCDD	61	0.1	6.1	6.1	6.1	0.57
1,2,3,7,8,9-HxCDD	44	0.1	4.4	4.4	4.4	0.57
1,2,3,4,6,7,8-HpCDF	210	0.01	2.1	2.1	2.1	0.095
1,2,3,4,7,8,9-HpCDF	110	0.01	1.1	1.1	1.1	0.095
1,2,3,4,6,7,8-HpCDD	230	0.01	2.3	2.3	2.3	0.095
OCDF	1300	0.001	1.3	1.3	1.3	0.019
OCDD	830	0.001	0.83	0.83	0.83	0.019
Total			120	120	120	17
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<22	0.0003	0.0	0.0033	0.0066	0.0066
3,3',4,4'-TeCB (PCB #77)	270	0.0001	0.027	0.027	0.027	0.0044
3,3',4,4',5'-PeCB (PCB #126)	31	0.1	3.1	3.1	3.1	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.33	0.33
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	110	0.00003	0.0034	0.0034	0.0034	0.0013
2,3',4,4',5'-PeCB (PCB #118)	6600	0.00003	0.20	0.20	0.20	0.013
2,3,4,4',5'-PeCB (PCB #114)	150	0.00003	0.0045	0.0045	0.0045	0.0013
2,3,3',4,4'-PeCB (PCB #105)	3000	0.00003	0.089	0.089	0.089	0.0066
2,3',4,4',5,5'-HxCB (PCB #167)	540	0.00003	0.016	0.016	0.016	0.0066
2,3,3',4,4',5'-HxCB (PCB #156)	1200	0.00003	0.037	0.037	0.037	0.0066
2,3,3',4,4',5'-HxCB (PCB #157)	180	0.00003	0.0053	0.0053	0.0053	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	190	0.00003	0.0058	0.0058	0.0058	0.0013
Total			3.5	3.6	3.8	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.009			Date of analysis: 03-05-2023			
Your reference: A6			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	25	0.1	2.5	2.5	2.5	0.38
2,3,7,8-TCDD	21	1	21	21	21	3.8
1,2,3,7,8-PeCDF	37	0.05	1.9	1.9	1.9	0.19
2,3,4,7,8-PeCDF	54	0.5	27	27	27	1.9
1,2,3,7,8-PeCDD	36	0.5	18	18	18	1.9
1,2,3,4,7,8-HxCDF	110	0.1	11	11	11	0.38
1,2,3,6,7,8-HxCDF	82	0.1	8.2	8.2	8.2	0.38
2,3,4,6,7,8-HxCDF	99	0.1	9.9	9.9	9.9	0.38
1,2,3,7,8,9-HxCDF	46	0.1	4.6	4.6	4.6	0.38
1,2,3,4,7,8-HxCDD	74	0.1	7.4	7.4	7.4	0.38
1,2,3,6,7,8-HxCDD	77	0.1	7.7	7.7	7.7	0.38
1,2,3,7,8,9-HxCDD	69	0.1	6.9	6.9	6.9	0.38
1,2,3,4,6,7,8-HpCDF	200	0.01	2.0	2.0	2.0	0.063
1,2,3,4,7,8,9-HpCDF	83	0.01	0.83	0.83	0.83	0.063
1,2,3,4,6,7,8-HpCDD	200	0.01	2.0	2.0	2.0	0.063
OCDF	760	0.001	0.76	0.76	0.76	0.013
OCDD	1300	0.001	1.3	1.3	1.3	0.013
Total			130	130	130	11
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<25	0.0003	0.0	0.0038	0.0075	0.0075
3,3',4,4'-TeCB (PCB #77)	240	0.0001	0.024	0.024	0.024	0.0050
3,3',4,4',5'-PeCB (PCB #126)	36	0.1	3.6	3.6	3.6	1.3
3,3',4,4',5,5'-HxCB (PCB #169)	<13	0.03	0.0	0.19	0.38	0.38
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	100	0.00003	0.0030	0.0030	0.0030	0.0015
2,3',4,4',5'-PeCB (PCB #118)	5500	0.00003	0.16	0.16	0.16	0.015
2,3,4,4',5'-PeCB (PCB #114)	140	0.00003	0.0043	0.0043	0.0043	0.0015
2,3,3',4,4'-PeCB (PCB #105)	2500	0.00003	0.076	0.076	0.076	0.0075
2,3',4,4',5,5'-HxCB (PCB #167)	360	0.00003	0.011	0.011	0.011	0.0075
2,3,3',4,4',5'-HxCB (PCB #156)	830	0.00003	0.025	0.025	0.025	0.0075
2,3,3',4,4',5'-HxCB (PCB #157)	200	0.00003	0.0061	0.0061	0.0061	0.0015
2,3,3',4,4',5,5'-HpCB (PCB #189)	61	0.00003	0.0018	0.0018	0.0018	0.0015
Total			3.9	4.1	4.3	1.7
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.010			Date of analysis: 03-05-2023			
Your reference: A7			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	14	0.1	1.4	1.4	1.4	0.29
2,3,7,8-TCDD	10	1	10	10	10	2.9
1,2,3,7,8-PeCDF	21	0.05	1.0	1.0	1.0	0.15
2,3,4,7,8-PeCDF	30	0.5	15	15	15	1.5
1,2,3,7,8-PeCDD	19	0.5	9.3	9.3	9.3	1.5
1,2,3,4,7,8-HxCDF	46	0.1	4.6	4.6	4.6	0.29
1,2,3,6,7,8-HxCDF	36	0.1	3.6	3.6	3.6	0.29
2,3,4,6,7,8-HxCDF	54	0.1	5.4	5.4	5.4	0.29
1,2,3,7,8,9-HxCDF	24	0.1	2.4	2.4	2.4	0.29
1,2,3,4,7,8-HxCDD	34	0.1	3.4	3.4	3.4	0.29
1,2,3,6,7,8-HxCDD	42	0.1	4.2	4.2	4.2	0.29
1,2,3,7,8,9-HxCDD	34	0.1	3.4	3.4	3.4	0.29
1,2,3,4,6,7,8-HpCDF	120	0.01	1.2	1.2	1.2	0.049
1,2,3,4,7,8,9-HpCDF	48	0.01	0.48	0.48	0.48	0.049
1,2,3,4,6,7,8-HpCDD	200	0.01	2.0	2.0	2.0	0.049
OCDF	480	0.001	0.48	0.48	0.48	0.0097
OCDD	1200	0.001	1.2	1.2	1.2	0.0097
Total			69	69	69	8.5
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<19	0.0003	0.0	0.0029	0.0058	0.0058
3,3',4,4'-TeCB (PCB #77)	210	0.0001	0.021	0.021	0.021	0.0039
3,3',4,4',5'-PeCB (PCB #126)	18	0.1	1.8	1.8	1.8	0.97
3,3',4,4',5,5'-HxCB (PCB #169)	<9.7	0.03	0.0	0.15	0.29	0.29
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	82	0.00003	0.0025	0.0025	0.0025	0.0012
2,3',4,4',5'-PeCB (PCB #118)	5600	0.00003	0.17	0.17	0.17	0.012
2,3,4,4',5'-PeCB (PCB #114)	110	0.00003	0.0033	0.0033	0.0033	0.0012
2,3,3',4,4'-PeCB (PCB #105)	2100	0.00003	0.063	0.063	0.063	0.0058
2,3',4,4',5,5'-HxCB (PCB #167)	510	0.00003	0.015	0.015	0.015	0.0058
2,3,3',4,4',5'-HxCB (PCB #156)	1100	0.00003	0.034	0.034	0.034	0.0058
2,3,3',4,4',5'-HxCB (PCB #157)	180	0.00003	0.0054	0.0054	0.0054	0.0012
2,3,3',4,4',5,5'-HpCB (PCB #189)	180	0.00003	0.0055	0.0055	0.0055	0.0012
Total			2.1	2.2	2.4	1.3
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.011			Date of analysis: 03-05-2023			
Your reference: CT1			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	30	0.1	3.0	3.0	3.0	0.36
2,3,7,8-TCDD	23	1	23	23	23	3.6
1,2,3,7,8-PeCDF	35	0.05	1.8	1.8	1.8	0.18
2,3,4,7,8-PeCDF	59	0.5	29	29	29	1.8
1,2,3,7,8-PeCDD	33	0.5	17	17	17	1.8
1,2,3,4,7,8-HxCDF	89	0.1	8.9	8.9	8.9	0.36
1,2,3,6,7,8-HxCDF	71	0.1	7.1	7.1	7.1	0.36
2,3,4,6,7,8-HxCDF	100	0.1	10	10	10	0.36
1,2,3,7,8,9-HxCDF	56	0.1	5.6	5.6	5.6	0.36
1,2,3,4,7,8-HxCDD	64	0.1	6.4	6.4	6.4	0.36
1,2,3,6,7,8-HxCDD	79	0.1	7.9	7.9	7.9	0.36
1,2,3,7,8,9-HxCDD	62	0.1	6.2	6.2	6.2	0.36
1,2,3,4,6,7,8-HpCDF	230	0.01	2.3	2.3	2.3	0.059
1,2,3,4,7,8,9-HpCDF	91	0.01	0.91	0.91	0.91	0.059
1,2,3,4,6,7,8-HpCDD	270	0.01	2.7	2.7	2.7	0.059
OCDF	930	0.001	0.93	0.93	0.93	0.012
OCDD	2200	0.001	2.2	2.2	2.2	0.012
Total			140	140	140	10
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<24	0.0003	0.0	0.0036	0.0071	0.0071
3,3',4,4'-TeCB (PCB #77)	260	0.0001	0.026	0.026	0.026	0.0047
3,3',4,4',5'-PeCB (PCB #126)	17	0.1	1.7	1.7	1.7	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.18	0.36	0.36
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	56	0.00003	0.0017	0.0017	0.0017	0.0014
2,3',4,4',5'-PeCB (PCB #118)	3700	0.00003	0.11	0.11	0.11	0.014
2,3,4,4',5'-PeCB (PCB #114)	64	0.00003	0.0019	0.0019	0.0019	0.0014
2,3,3',4,4'-PeCB (PCB #105)	1600	0.00003	0.047	0.047	0.047	0.0071
2,3',4,4',5,5'-HxCB (PCB #167)	250	0.00003	0.0076	0.0076	0.0076	0.0071
2,3,3',4,4',5'-HxCB (PCB #156)	630	0.00003	0.019	0.019	0.019	0.0071
2,3,3',4,4',5'-HxCB (PCB #157)	120	0.00003	0.0037	0.0037	0.0037	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	72	0.00003	0.0022	0.0022	0.0022	0.0014
Total			1.9	2.1	2.3	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.012			Date of analysis: 03-05-2023			
Your reference: CT2			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	21	0.1	2.1	2.1	2.1	0.30
2,3,7,8-TCDD	19	1	19	19	19	3.0
1,2,3,7,8-PeCDF	33	0.05	1.6	1.6	1.6	0.15
2,3,4,7,8-PeCDF	44	0.5	22	22	22	1.5
1,2,3,7,8-PeCDD	28	0.5	14	14	14	1.5
1,2,3,4,7,8-HxCDF	70	0.1	7.0	7.0	7.0	0.30
1,2,3,6,7,8-HxCDF	60	0.1	6.0	6.0	6.0	0.30
2,3,4,6,7,8-HxCDF	83	0.1	8.3	8.3	8.3	0.30
1,2,3,7,8,9-HxCDF	37	0.1	3.7	3.7	3.7	0.30
1,2,3,4,7,8-HxCDD	50	0.1	5.0	5.0	5.0	0.30
1,2,3,6,7,8-HxCDD	100	0.1	10	10	10	0.30
1,2,3,7,8,9-HxCDD	57	0.1	5.7	5.7	5.7	0.30
1,2,3,4,6,7,8-HpCDF	540	0.01	5.4	5.4	5.4	0.051
1,2,3,4,7,8,9-HpCDF	86	0.01	0.86	0.86	0.86	0.051
1,2,3,4,6,7,8-HpCDD	5100 (*)	0.01	51	51	51	0.051
OCDF	1500	0.001	1.5	1.5	1.5	0.010
OCDD	130000 (*)	0.001	130	130	130	0.010
Total			290	290	290	8.8
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<20	0.0003	0.0	0.0030	0.0061	0.0061
3,3',4,4'-TeCB (PCB #77)	480	0.0001	0.048	0.048	0.048	0.0041
3,3',4,4',5'-PeCB (PCB #126)	49	0.1	4.9	4.9	4.9	1.0
3,3',4,4',5,5'-HxCB (PCB #169)	<10	0.03	0.0	0.15	0.30	0.30
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	98	0.00003	0.0030	0.0030	0.0030	0.0012
2,3',4,4',5'-PeCB (PCB #118)	6200	0.00003	0.19	0.19	0.19	0.012
2,3,4,4',5'-PeCB (PCB #114)	120	0.00003	0.0035	0.0035	0.0035	0.0012
2,3,3',4,4'-PeCB (PCB #105)	2400	0.00003	0.073	0.073	0.073	0.0061
2,3',4,4',5,5'-HxCB (PCB #167)	830	0.00003	0.025	0.025	0.025	0.0061
2,3,3',4,4',5'-HxCB (PCB #156)	1800	0.00003	0.054	0.054	0.054	0.0061
2,3,3',4,4',5'-HxCB (PCB #157)	270	0.00003	0.0081	0.0081	0.0081	0.0012
2,3,3',4,4',5,5'-HpCB (PCB #189)	290	0.00003	0.0087	0.0087	0.0087	0.0012
Total			5.3	5.4	5.6	1.4
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.013			Date of analysis: 03-05-2023			
Your reference: CT3			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.8	0.1	0.0	0.19	0.38	0.38
2,3,7,8-TCDD	<3.8	1	0.0	1.9	3.8	3.8
1,2,3,7,8-PeCDF	<3.8	0.05	0.0	0.094	0.19	0.19
2,3,4,7,8-PeCDF	<3.8	0.5	0.0	0.94	1.9	1.9
1,2,3,7,8-PeCDD	<3.8	0.5	0.0	0.94	1.9	1.9
1,2,3,4,7,8-HxCDF	<3.8	0.1	0.0	0.19	0.38	0.38
1,2,3,6,7,8-HxCDF	<3.8	0.1	0.0	0.19	0.38	0.38
2,3,4,6,7,8-HxCDF	<3.8	0.1	0.0	0.19	0.38	0.38
1,2,3,7,8,9-HxCDF	<3.8	0.1	0.0	0.19	0.38	0.38
1,2,3,4,7,8-HxCDD	<3.8	0.1	0.0	0.19	0.38	0.38
1,2,3,6,7,8-HxCDD	<3.8	0.1	0.0	0.19	0.38	0.38
1,2,3,7,8,9-HxCDD	<3.8	0.1	0.0	0.19	0.38	0.38
1,2,3,4,6,7,8-HpCDF	28	0.01	0.28	0.28	0.28	0.063
1,2,3,4,7,8,9-HpCDF	<6.3	0.01	0.0	0.031	0.063	0.063
1,2,3,4,6,7,8-HpCDD	160	0.01	1.6	1.6	1.6	0.063
OCDF	45	0.001	0.045	0.045	0.045	0.013
OCDD	2000	0.001	2.0	2.0	2.0	0.013
Total			3.9	9.3	15	11
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<25	0.0003	0.0	0.0038	0.0075	0.0075
3,3',4,4'-TeCB (PCB #77)	660	0.0001	0.066	0.066	0.066	0.0050
3,3',4,4',5'-PeCB (PCB #126)	30	0.1	3.0	3.0	3.0	1.3
3,3',4,4',5,5'-HxCB (PCB #169)	<13	0.03	0.0	0.19	0.38	0.38
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	100	0.00003	0.0030	0.0030	0.0030	0.0015
2,3',4,4',5'-PeCB (PCB #118)	5500	0.00003	0.16	0.16	0.16	0.015
2,3,4,4',5'-PeCB (PCB #114)	110	0.00003	0.0034	0.0034	0.0034	0.0015
2,3,3',4,4'-PeCB (PCB #105)	2400	0.00003	0.072	0.072	0.072	0.0075
2,3',4,4',5,5'-HxCB (PCB #167)	320	0.00003	0.0095	0.0095	0.0095	0.0075
2,3,3',4,4',5'-HxCB (PCB #156)	800	0.00003	0.024	0.024	0.024	0.0075
2,3,3',4,4',5'-HxCB (PCB #157)	160	0.00003	0.0048	0.0048	0.0048	0.0015
2,3,3',4,4',5,5'-HpCB (PCB #189)	73	0.00003	0.0022	0.0022	0.0022	0.0015
Total			3.3	3.5	3.7	1.7
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.014			Date of analysis: 03-05-2023			
Your reference: CT5			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	10	0.1	1.0	1.0	1.0	0.36
2,3,7,8-TCDD	8.2	1	8.2	8.2	8.2	3.6
1,2,3,7,8-PeCDF	15	0.05	0.77	0.77	0.77	0.18
2,3,4,7,8-PeCDF	22	0.5	11	11	11	1.8
1,2,3,7,8-PeCDD	13	0.5	6.6	6.6	6.6	1.8
1,2,3,4,7,8-HxCDF	30	0.1	3.0	3.0	3.0	0.36
1,2,3,6,7,8-HxCDF	28	0.1	2.8	2.8	2.8	0.36
2,3,4,6,7,8-HxCDF	38	0.1	3.8	3.8	3.8	0.36
1,2,3,7,8,9-HxCDF	16	0.1	1.6	1.6	1.6	0.36
1,2,3,4,7,8-HxCDD	23	0.1	2.3	2.3	2.3	0.36
1,2,3,6,7,8-HxCDD	31	0.1	3.1	3.1	3.1	0.36
1,2,3,7,8,9-HxCDD	23	0.1	2.3	2.3	2.3	0.36
1,2,3,4,6,7,8-HpCDF	320	0.01	3.2	3.2	3.2	0.060
1,2,3,4,7,8,9-HpCDF	35	0.01	0.35	0.35	0.35	0.060
1,2,3,4,6,7,8-HpCDD	140	0.01	1.4	1.4	1.4	0.060
OCDF	520	0.001	0.52	0.52	0.52	0.012
OCDD	1400	0.001	1.4	1.4	1.4	0.012
Total			53	53	53	11
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<24	0.0003	0.0	0.0036	0.0072	0.0072
3,3',4,4'-TeCB (PCB #77)	150	0.0001	0.015	0.015	0.015	0.0048
3,3',4,4',5'-PeCB (PCB #126)	23	0.1	2.3	2.3	2.3	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.18	0.36	0.36
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	52	0.00003	0.0015	0.0015	0.0015	0.0014
2,3',4,4',5'-PeCB (PCB #118)	3400	0.00003	0.10	0.10	0.10	0.014
2,3,4,4',5'-PeCB (PCB #114)	58	0.00003	0.0017	0.0017	0.0017	0.0014
2,3,3',4,4'-PeCB (PCB #105)	1200	0.00003	0.036	0.036	0.036	0.0072
2,3',4,4',5,5'-HxCB (PCB #167)	430	0.00003	0.013	0.013	0.013	0.0072
2,3,3',4,4',5'-HxCB (PCB #156)	990	0.00003	0.030	0.030	0.030	0.0072
2,3,3',4,4',5'-HxCB (PCB #157)	120	0.00003	0.0037	0.0037	0.0037	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	170	0.00003	0.0051	0.0051	0.0051	0.0014
Total			2.5	2.7	2.9	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.015			Date of analysis: 03-05-2023			
Your reference: CT7			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.7	0.1	0.0	0.19	0.37	0.37
2,3,7,8-TCDD	<3.7	1	0.0	1.9	3.7	3.7
1,2,3,7,8-PeCDF	<3.7	0.05	0.0	0.094	0.19	0.19
2,3,4,7,8-PeCDF	<3.7	0.5	0.0	0.94	1.9	1.9
1,2,3,7,8-PeCDD	<3.7	0.5	0.0	0.94	1.9	1.9
1,2,3,4,7,8-HxCDF	4.7	0.1	0.47	0.47	0.47	0.37
1,2,3,6,7,8-HxCDF	4.0	0.1	0.40	0.40	0.40	0.37
2,3,4,6,7,8-HxCDF	5.5	0.1	0.55	0.55	0.55	0.37
1,2,3,7,8,9-HxCDF	<3.7	0.1	0.0	0.19	0.37	0.37
1,2,3,4,7,8-HxCDD	<3.7	0.1	0.0	0.19	0.37	0.37
1,2,3,6,7,8-HxCDD	4.1	0.1	0.41	0.41	0.41	0.37
1,2,3,7,8,9-HxCDD	<3.7	0.1	0.0	0.19	0.37	0.37
1,2,3,4,6,7,8-HpCDF	20	0.01	0.20	0.20	0.20	0.062
1,2,3,4,7,8,9-HpCDF	<6.2	0.01	0.0	0.031	0.062	0.062
1,2,3,4,6,7,8-HpCDD	52	0.01	0.52	0.52	0.52	0.062
OCDF	38	0.001	0.038	0.038	0.038	0.012
OCDD	540	0.001	0.54	0.54	0.54	0.012
Total			3.1	7.8	12	11
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<25	0.0003	0.0	0.0037	0.0075	0.0075
3,3',4,4'-TeCB (PCB #77)	86	0.0001	0.0086	0.0086	0.0086	0.0050
3,3',4,4',5'-PeCB (PCB #126)	<12	0.1	0.0	0.62	1.2	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.19	0.37	0.37
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<50	0.00003	0.0	0.00075	0.0015	0.0015
2,3',4,4',5'-PeCB (PCB #118)	1200	0.00003	0.035	0.035	0.035	0.015
2,3,4,4',5'-PeCB (PCB #114)	<50	0.00003	0.0	0.00075	0.0015	0.0015
2,3,3',4,4'-PeCB (PCB #105)	400	0.00003	0.012	0.012	0.012	0.0075
2,3',4,4',5,5'-HxCB (PCB #167)	<250	0.00003	0.0	0.0037	0.0075	0.0075
2,3,3',4,4',5'-HxCB (PCB #156)	<250	0.00003	0.0	0.0037	0.0075	0.0075
2,3,3',4,4',5'-HxCB (PCB #157)	<50	0.00003	0.0	0.00075	0.0015	0.0015
2,3,3',4,4',5,5'-HpCB (PCB #189)	<50	0.00003	0.0	0.00075	0.0015	0.0015
Total			0.056	0.88	1.7	1.7
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.016			Date of analysis: 03-05-2023			
Your reference: CT8			Date of sampling: <i>unknown</i>			
			Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.4	0.1	0.0	0.17	0.34	0.34
2,3,7,8-TCDD	<3.4	1	0.0	1.7	3.4	3.4
1,2,3,7,8-PeCDF	<3.4	0.05	0.0	0.085	0.17	0.17
2,3,4,7,8-PeCDF	4.0	0.5	2.0	2.0	2.0	1.7
1,2,3,7,8-PeCDD	<3.4	0.5	0.0	0.85	1.7	1.7
1,2,3,4,7,8-HxCDF	4.5	0.1	0.45	0.45	0.45	0.34
1,2,3,6,7,8-HxCDF	4.5	0.1	0.45	0.45	0.45	0.34
2,3,4,6,7,8-HxCDF	4.8	0.1	0.48	0.48	0.48	0.34
1,2,3,7,8,9-HxCDF	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,4,7,8-HxCDD	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,6,7,8-HxCDD	6.7	0.1	0.67	0.67	0.67	0.34
1,2,3,7,8,9-HxCDD	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,4,6,7,8-HpCDF	120	0.01	1.2	1.2	1.2	0.057
1,2,3,4,7,8,9-HpCDF	<5.7	0.01	0.0	0.028	0.057	0.057
1,2,3,4,6,7,8-HpCDD	270	0.01	2.7	2.7	2.7	0.057
OCDF	98	0.001	0.098	0.098	0.098	0.011
OCDD	4000	0.001	4.0	4.0	4.0	0.011
Total			12	15	19	9.9
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<23	0.0003	0.0	0.0034	0.0068	0.0068
3,3',4,4'-TeCB (PCB #77)	190	0.0001	0.019	0.019	0.019	0.0046
3,3',4,4',5'-PeCB (PCB #126)	15	0.1	1.5	1.5	1.5	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.17	0.34	0.34
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	72	0.00003	0.0022	0.0022	0.0022	0.0014
2,3',4,4',5'-PeCB (PCB #118)	3000	0.00003	0.089	0.089	0.089	0.014
2,3,4,4',5'-PeCB (PCB #114)	78	0.00003	0.0023	0.0023	0.0023	0.0014
2,3,3',4,4'-PeCB (PCB #105)	1400	0.00003	0.041	0.041	0.041	0.0068
2,3',4,4',5,5'-HxCB (PCB #167)	300	0.00003	0.0091	0.0091	0.0091	0.0068
2,3,3',4,4',5'-HxCB (PCB #156)	740	0.00003	0.022	0.022	0.022	0.0068
2,3,3',4,4',5'-HxCB (PCB #157)	120	0.00003	0.0037	0.0037	0.0037	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	200	0.00003	0.0061	0.0061	0.0061	0.0014
Total			1.7	1.9	2.1	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.017			Date of analysis: 03-05-2023			
Your reference: CT10			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.1	0.1	0.0	0.16	0.31	0.31
2,3,7,8-TCDD	<3.1	1	0.0	1.6	3.1	3.1
1,2,3,7,8-PeCDF	<3.1	0.05	0.0	0.078	0.16	0.16
2,3,4,7,8-PeCDF	<3.1	0.5	0.0	0.78	1.6	1.6
1,2,3,7,8-PeCDD	<3.1	0.5	0.0	0.78	1.6	1.6
1,2,3,4,7,8-HxCDF	3.3	0.1	0.33	0.33	0.33	0.31
1,2,3,6,7,8-HxCDF	<3.1	0.1	0.0	0.16	0.31	0.31
2,3,4,6,7,8-HxCDF	<3.1	0.1	0.0	0.16	0.31	0.31
1,2,3,7,8,9-HxCDF	<3.1	0.1	0.0	0.16	0.31	0.31
1,2,3,4,7,8-HxCDD	<3.1	0.1	0.0	0.16	0.31	0.31
1,2,3,6,7,8-HxCDD	<3.1	0.1	0.0	0.16	0.31	0.31
1,2,3,7,8,9-HxCDD	<3.1	0.1	0.0	0.16	0.31	0.31
1,2,3,4,6,7,8-HpCDF	12	0.01	0.12	0.12	0.12	0.052
1,2,3,4,7,8,9-HpCDF	<5.2	0.01	0.0	0.026	0.052	0.052
1,2,3,4,6,7,8-HpCDD	16	0.01	0.16	0.16	0.16	0.052
OCDF	11	0.001	0.011	0.011	0.011	0.010
OCDD	150	0.001	0.15	0.15	0.15	0.010
Total			0.77	5.1	9.4	9.1
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<21	0.0003	0.0	0.0031	0.0063	0.0063
3,3',4,4'-TeCB (PCB #77)	59	0.0001	0.0059	0.0059	0.0059	0.0042
3,3',4,4',5'-PeCB (PCB #126)	<10	0.1	0.0	0.52	1.0	1.0
3,3',4,4',5,5'-HxCB (PCB #169)	<10	0.03	0.0	0.16	0.31	0.31
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<42	0.00003	0.0	0.00063	0.0013	0.0013
2,3',4,4',5'-PeCB (PCB #118)	640	0.00003	0.019	0.019	0.019	0.013
2,3,4,4',5'-PeCB (PCB #114)	<42	0.00003	0.0	0.00063	0.0013	0.0013
2,3,3',4,4'-PeCB (PCB #105)	250	0.00003	0.0074	0.0074	0.0074	0.0063
2,3',4,4',5,5'-HxCB (PCB #167)	<210	0.00003	0.0	0.0031	0.0063	0.0063
2,3,3',4,4',5'-HxCB (PCB #156)	<210	0.00003	0.0	0.0031	0.0063	0.0063
2,3,3',4,4',5'-HxCB (PCB #157)	<42	0.00003	0.0	0.00063	0.0013	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	<42	0.00003	0.0	0.00063	0.0013	0.0013
Total			0.032	0.72	1.4	1.4
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.018			Date of analysis: 03-05-2023			
Your reference: CT9-1			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.6	0.1	0.0	0.18	0.36	0.36
2,3,7,8-TCDD	<3.6	1	0.0	1.8	3.6	3.6
1,2,3,7,8-PeCDF	<3.6	0.05	0.0	0.090	0.18	0.18
2,3,4,7,8-PeCDF	<3.6	0.5	0.0	0.90	1.8	1.8
1,2,3,7,8-PeCDD	<3.6	0.5	0.0	0.90	1.8	1.8
1,2,3,4,7,8-HxCDF	5.9	0.1	0.59	0.59	0.59	0.36
1,2,3,6,7,8-HxCDF	4.9	0.1	0.49	0.49	0.49	0.36
2,3,4,6,7,8-HxCDF	4.5	0.1	0.45	0.45	0.45	0.36
1,2,3,7,8,9-HxCDF	<3.6	0.1	0.0	0.18	0.36	0.36
1,2,3,4,7,8-HxCDD	<3.6	0.1	0.0	0.18	0.36	0.36
1,2,3,6,7,8-HxCDD	5.7	0.1	0.57	0.57	0.57	0.36
1,2,3,7,8,9-HxCDD	<3.6	0.1	0.0	0.18	0.36	0.36
1,2,3,4,6,7,8-HpCDF	520	0.01	5.2	5.2	5.2	0.060
1,2,3,4,7,8,9-HpCDF	7.5	0.01	0.075	0.075	0.075	0.060
1,2,3,4,6,7,8-HpCDD	110	0.01	1.1	1.1	1.1	0.060
OCDF	900	0.001	0.90	0.90	0.90	0.012
OCDD	900	0.001	0.90	0.90	0.90	0.012
Total			10	15	19	10
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<24	0.0003	0.0	0.0036	0.0072	0.0072
3,3',4,4'-TeCB (PCB #77)	280	0.0001	0.028	0.028	0.028	0.0048
3,3',4,4',5'-PeCB (PCB #126)	36	0.1	3.6	3.6	3.6	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.18	0.36	0.36
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<48	0.00003	0.0	0.00072	0.0014	0.0014
2,3',4,4',5'-PeCB (PCB #118)	4200	0.00003	0.13	0.13	0.13	0.014
2,3,4,4',5'-PeCB (PCB #114)	91	0.00003	0.0027	0.0027	0.0027	0.0014
2,3,3',4,4'-PeCB (PCB #105)	1700	0.00003	0.052	0.052	0.052	0.0072
2,3',4,4',5,5'-HxCB (PCB #167)	310	0.00003	0.0093	0.0093	0.0093	0.0072
2,3,3',4,4',5'-HxCB (PCB #156)	810	0.00003	0.024	0.024	0.024	0.0072
2,3,3',4,4',5'-HxCB (PCB #157)	160	0.00003	0.0048	0.0048	0.0048	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	68	0.00003	0.0020	0.0020	0.0020	0.0014
Total			3.9	4.1	4.2	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.019			Date of analysis: 03-05-2023			
Your reference: CT9-2			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.3	0.1	0.0	0.16	0.33	0.33
2,3,7,8-TCDD	<3.3	1	0.0	1.6	3.3	3.3
1,2,3,7,8-PeCDF	<3.3	0.05	0.0	0.082	0.16	0.16
2,3,4,7,8-PeCDF	<3.3	0.5	0.0	0.82	1.6	1.6
1,2,3,7,8-PeCDD	<3.3	0.5	0.0	0.82	1.6	1.6
1,2,3,4,7,8-HxCDF	5.4	0.1	0.54	0.54	0.54	0.33
1,2,3,6,7,8-HxCDF	3.3	0.1	0.33	0.33	0.33	0.33
2,3,4,6,7,8-HxCDF	3.5	0.1	0.35	0.35	0.35	0.33
1,2,3,7,8,9-HxCDF	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,4,7,8-HxCDD	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,6,7,8-HxCDD	3.9	0.1	0.39	0.39	0.39	0.33
1,2,3,7,8,9-HxCDD	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,4,6,7,8-HpCDF	67	0.01	0.67	0.67	0.67	0.055
1,2,3,4,7,8,9-HpCDF	6.0	0.01	0.060	0.060	0.060	0.055
1,2,3,4,6,7,8-HpCDD	52	0.01	0.52	0.52	0.52	0.055
OCDF	81	0.001	0.081	0.081	0.081	0.011
OCDD	390	0.001	0.39	0.39	0.39	0.011
Total			3.3	7.4	11	9.6
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<22	0.0003	0.0	0.0033	0.0066	0.0066
3,3',4,4'-TeCB (PCB #77)	110	0.0001	0.011	0.011	0.011	0.0044
3,3',4,4',5'-PeCB (PCB #126)	<11	0.1	0.0	0.55	1.1	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.33	0.33
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	68	0.00003	0.0020	0.0020	0.0020	0.0013
2,3',4,4',5'-PeCB (PCB #118)	3600	0.00003	0.11	0.11	0.11	0.013
2,3,4,4',5'-PeCB (PCB #114)	83	0.00003	0.0025	0.0025	0.0025	0.0013
2,3,3',4,4'-PeCB (PCB #105)	1500	0.00003	0.046	0.046	0.046	0.0066
2,3',4,4',5,5'-HxCB (PCB #167)	<220	0.00003	0.0	0.0033	0.0066	0.0066
2,3,3',4,4',5'-HxCB (PCB #156)	530	0.00003	0.016	0.016	0.016	0.0066
2,3,3',4,4',5'-HxCB (PCB #157)	110	0.00003	0.0032	0.0032	0.0032	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	45	0.00003	0.0014	0.0014	0.0014	0.0013
Total			0.19	0.91	1.6	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.020			Date of analysis: 05-05-2023			
Your reference: CT6			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.4	0.1	0.0	0.17	0.34	0.34
2,3,7,8-TCDD	<3.4	1	0.0	1.7	3.4	3.4
1,2,3,7,8-PeCDF	<3.4	0.05	0.0	0.085	0.17	0.17
2,3,4,7,8-PeCDF	<3.4	0.5	0.0	0.85	1.7	1.7
1,2,3,7,8-PeCDD	<3.4	0.5	0.0	0.85	1.7	1.7
1,2,3,4,7,8-HxCDF	4.4	0.1	0.44	0.44	0.44	0.34
1,2,3,6,7,8-HxCDF	<3.4	0.1	0.0	0.17	0.34	0.34
2,3,4,6,7,8-HxCDF	3.4	0.1	0.34	0.34	0.34	0.34
1,2,3,7,8,9-HxCDF	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,4,7,8-HxCDD	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,6,7,8-HxCDD	3.6	0.1	0.36	0.36	0.36	0.34
1,2,3,7,8,9-HxCDD	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,4,6,7,8-HpCDF	110	0.01	1.1	1.1	1.1	0.057
1,2,3,4,7,8,9-HpCDF	<5.7	0.01	0.0	0.028	0.057	0.057
1,2,3,4,6,7,8-HpCDD	120	0.01	1.2	1.2	1.2	0.057
OCDF	91	0.001	0.091	0.091	0.091	0.011
OCDD	1300	0.001	1.3	1.3	1.3	0.011
Total			4.8	9.2	14	9.9
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<23	0.0003	0.0	0.0034	0.0068	0.0068
3,3',4,4'-TeCB (PCB #77)	210	0.0001	0.021	0.021	0.021	0.0045
3,3',4,4',5'-PeCB (PCB #126)	16	0.1	1.6	1.6	1.6	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.17	0.34	0.34
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	250	0.00003	0.0074	0.0074	0.0074	0.0014
2,3',4,4',5'-PeCB (PCB #118)	18000	0.00003	0.54	0.54	0.54	0.014
2,3,4,4',5'-PeCB (PCB #114)	380	0.00003	0.012	0.012	0.012	0.0014
2,3,3',4,4'-PeCB (PCB #105)	6800	0.00003	0.20	0.20	0.20	0.0068
2,3',4,4',5,5'-HxCB (PCB #167)	620	0.00003	0.019	0.019	0.019	0.0068
2,3,3',4,4',5'-HxCB (PCB #156)	1600	0.00003	0.047	0.047	0.047	0.0068
2,3,3',4,4',5'-HxCB (PCB #157)	300	0.00003	0.0091	0.0091	0.0091	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	120	0.00003	0.0036	0.0036	0.0036	0.0014
Total			2.5	2.7	2.9	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.021			Date of analysis: 05-05-2023			
Your reference: N2			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.5	0.1	0.0	0.17	0.35	0.35
2,3,7,8-TCDD	<3.5	1	0.0	1.7	3.5	3.5
1,2,3,7,8-PeCDF	<3.5	0.05	0.0	0.086	0.17	0.17
2,3,4,7,8-PeCDF	6.2	0.5	3.1	3.1	3.1	1.7
1,2,3,7,8-PeCDD	<3.5	0.5	0.0	0.86	1.7	1.7
1,2,3,4,7,8-HxCDF	15	0.1	1.5	1.5	1.5	0.35
1,2,3,6,7,8-HxCDF	31	0.1	3.1	3.1	3.1	0.35
2,3,4,6,7,8-HxCDF	26	0.1	2.6	2.6	2.6	0.35
1,2,3,7,8,9-HxCDF	<3.5	0.1	0.0	0.17	0.35	0.35
1,2,3,4,7,8-HxCDD	3.8	0.1	0.38	0.38	0.38	0.35
1,2,3,6,7,8-HxCDD	66	0.1	6.6	6.6	6.6	0.35
1,2,3,7,8,9-HxCDD	14	0.1	1.4	1.4	1.4	0.35
1,2,3,4,6,7,8-HpCDF	560	0.01	5.6	5.6	5.6	0.058
1,2,3,4,7,8,9-HpCDF	21	0.01	0.21	0.21	0.21	0.058
1,2,3,4,6,7,8-HpCDD	2300	0.01	23	23	23	0.058
OCDF	750	0.001	0.75	0.75	0.75	0.012
OCDD	23000 (*)	0.001	23	23	23	0.012
Total			71	74	77	10
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<23	0.0003	0.0	0.0035	0.0069	0.0069
3,3',4,4'-TeCB (PCB #77)	250	0.0001	0.025	0.025	0.025	0.0046
3,3',4,4',5'-PeCB (PCB #126)	18	0.1	1.8	1.8	1.8	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.17	0.35	0.35
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	57	0.00003	0.0017	0.0017	0.0017	0.0014
2,3',4,4',5'-PeCB (PCB #118)	3100	0.00003	0.092	0.092	0.092	0.014
2,3,4,4',5'-PeCB (PCB #114)	64	0.00003	0.0019	0.0019	0.0019	0.0014
2,3,3',4,4'-PeCB (PCB #105)	1300	0.00003	0.040	0.040	0.040	0.0069
2,3',4,4',5,5'-HxCB (PCB #167)	350	0.00003	0.010	0.010	0.010	0.0069
2,3,3',4,4',5'-HxCB (PCB #156)	860	0.00003	0.026	0.026	0.026	0.0069
2,3,3',4,4',5'-HxCB (PCB #157)	120	0.00003	0.0037	0.0037	0.0037	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	140	0.00003	0.0043	0.0043	0.0043	0.0014
Total			2.0	2.1	2.3	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.022			Date of analysis: 05-05-2023			
Your reference: N4			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	5.3	0.1	0.53	0.53	0.53	0.37
2,3,7,8-TCDD	<3.7	1	0.0	1.8	3.7	3.7
1,2,3,7,8-PeCDF	8.0	0.05	0.40	0.40	0.40	0.18
2,3,4,7,8-PeCDF	8.9	0.5	4.5	4.5	4.5	1.8
1,2,3,7,8-PeCDD	6.6	0.5	3.3	3.3	3.3	1.8
1,2,3,4,7,8-HxCDF	21	0.1	2.1	2.1	2.1	0.37
1,2,3,6,7,8-HxCDF	15	0.1	1.5	1.5	1.5	0.37
2,3,4,6,7,8-HxCDF	28	0.1	2.8	2.8	2.8	0.37
1,2,3,7,8,9-HxCDF	7.6	0.1	0.76	0.76	0.76	0.37
1,2,3,4,7,8-HxCDD	12	0.1	1.2	1.2	1.2	0.37
1,2,3,6,7,8-HxCDD	16	0.1	1.6	1.6	1.6	0.37
1,2,3,7,8,9-HxCDD	9.8	0.1	0.98	0.98	0.98	0.37
1,2,3,4,6,7,8-HpCDF	110	0.01	1.1	1.1	1.1	0.062
1,2,3,4,7,8,9-HpCDF	27	0.01	0.27	0.27	0.27	0.062
1,2,3,4,6,7,8-HpCDD	97	0.01	0.97	0.97	0.97	0.062
OCDF	350	0.001	0.35	0.35	0.35	0.012
OCDD	790	0.001	0.79	0.79	0.79	0.012
Total			23	25	27	11
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<25	0.0003	0.0	0.0037	0.0074	0.0074
3,3',4,4'-TeCB (PCB #77)	230	0.0001	0.023	0.023	0.023	0.0049
3,3',4,4',5'-PeCB (PCB #126)	17	0.1	1.7	1.7	1.7	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.18	0.37	0.37
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<49	0.00003	0.0	0.00074	0.0015	0.0015
2,3',4,4',5'-PeCB (PCB #118)	1700	0.00003	0.050	0.050	0.050	0.015
2,3,4,4',5'-PeCB (PCB #114)	<49	0.00003	0.0	0.00074	0.0015	0.0015
2,3,3',4,4'-PeCB (PCB #105)	820	0.00003	0.025	0.025	0.025	0.0074
2,3',4,4',5,5'-HxCB (PCB #167)	<250	0.00003	0.0	0.0037	0.0074	0.0074
2,3,3',4,4',5'-HxCB (PCB #156)	290	0.00003	0.0088	0.0088	0.0088	0.0074
2,3,3',4,4',5'-HxCB (PCB #157)	59	0.00003	0.0018	0.0018	0.0018	0.0015
2,3,3',4,4',5,5'-HpCB (PCB #189)	<49	0.00003	0.0	0.00074	0.0015	0.0015
Total			1.9	2.0	2.2	1.7
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.023			Date of analysis: 05-05-2023			
Your reference: N6			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	4.3	0.1	0.43	0.43	0.43	0.33
2,3,7,8-TCDD	<3.3	1	0.0	1.7	3.3	3.3
1,2,3,7,8-PeCDF	6.0	0.05	0.30	0.30	0.30	0.17
2,3,4,7,8-PeCDF	7.1	0.5	3.5	3.5	3.5	1.7
1,2,3,7,8-PeCDD	5.8	0.5	2.9	2.9	2.9	1.7
1,2,3,4,7,8-HxCDF	28	0.1	2.8	2.8	2.8	0.33
1,2,3,6,7,8-HxCDF	32	0.1	3.2	3.2	3.2	0.33
2,3,4,6,7,8-HxCDF	25	0.1	2.5	2.5	2.5	0.33
1,2,3,7,8,9-HxCDF	<3.3	0.1	0.0	0.17	0.33	0.33
1,2,3,4,7,8-HxCDD	16	0.1	1.6	1.6	1.6	0.33
1,2,3,6,7,8-HxCDD	180	0.1	18	18	18	0.33
1,2,3,7,8,9-HxCDD	34	0.1	3.4	3.4	3.4	0.33
1,2,3,4,6,7,8-HpCDF	1200	0.01	12	12	12	0.055
1,2,3,4,7,8,9-HpCDF	110	0.01	1.1	1.1	1.1	0.055
1,2,3,4,6,7,8-HpCDD	7000 (*)	0.01	70	70	70	0.055
OCDF	5500	0.001	5.5	5.5	5.5	0.011
OCDD	82000 (*)	0.001	82	82	82	0.011
Total			210	210	210	9.7
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	71	0.0003	0.021	0.021	0.021	0.0066
3,3',4,4'-TeCB (PCB #77)	1600	0.0001	0.16	0.16	0.16	0.0044
3,3',4,4',5'-PeCB (PCB #126)	16	0.1	1.6	1.6	1.6	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.17	0.33	0.33
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	74	0.00003	0.0022	0.0022	0.0022	0.0013
2,3',4,4',5'-PeCB (PCB #118)	3800	0.00003	0.11	0.11	0.11	0.013
2,3,4,4',5'-PeCB (PCB #114)	92	0.00003	0.0028	0.0028	0.0028	0.0013
2,3,3',4,4'-PeCB (PCB #105)	1600	0.00003	0.047	0.047	0.047	0.0066
2,3',4,4',5,5'-HxCB (PCB #167)	240	0.00003	0.0072	0.0072	0.0072	0.0066
2,3,3',4,4',5'-HxCB (PCB #156)	500	0.00003	0.015	0.015	0.015	0.0066
2,3,3',4,4',5'-HxCB (PCB #157)	75	0.00003	0.0022	0.0022	0.0022	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	57	0.00003	0.0017	0.0017	0.0017	0.0013
Total			2.0	2.2	2.4	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.024			Date of analysis: 05-05-2023			
Your reference: N8			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.8	0.1	0.0	0.14	0.28	0.28
2,3,7,8-TCDD	<2.8	1	0.0	1.4	2.8	2.8
1,2,3,7,8-PeCDF	<2.8	0.05	0.0	0.071	0.14	0.14
2,3,4,7,8-PeCDF	<2.8	0.5	0.0	0.71	1.4	1.4
1,2,3,7,8-PeCDD	<2.8	0.5	0.0	0.71	1.4	1.4
1,2,3,4,7,8-HxCDF	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,6,7,8-HxCDF	<2.8	0.1	0.0	0.14	0.28	0.28
2,3,4,6,7,8-HxCDF	4.0	0.1	0.40	0.40	0.40	0.28
1,2,3,7,8,9-HxCDF	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,4,7,8-HxCDD	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,6,7,8-HxCDD	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,7,8,9-HxCDD	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,4,6,7,8-HpCDF	160	0.01	1.6	1.6	1.6	0.047
1,2,3,4,7,8,9-HpCDF	<4.7	0.01	0.0	0.024	0.047	0.047
1,2,3,4,6,7,8-HpCDD	65	0.01	0.65	0.65	0.65	0.047
OCDF	160	0.001	0.16	0.16	0.16	0.0095
OCDD	760	0.001	0.76	0.76	0.76	0.0095
Total			3.6	7.5	11	8.2
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<19	0.0003	0.0	0.0028	0.0057	0.0057
3,3',4,4'-TeCB (PCB #77)	55	0.0001	0.0055	0.0055	0.0055	0.0038
3,3',4,4',5'-PeCB (PCB #126)	<9.5	0.1	0.0	0.47	0.95	0.95
3,3',4,4',5,5'-HxCB (PCB #169)	<9.5	0.03	0.0	0.14	0.28	0.28
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<38	0.00003	0.0	0.00057	0.0011	0.0011
2,3',4,4',5'-PeCB (PCB #118)	1500	0.00003	0.044	0.044	0.044	0.011
2,3,4,4',5'-PeCB (PCB #114)	<38	0.00003	0.0	0.00057	0.0011	0.0011
2,3,3',4,4'-PeCB (PCB #105)	390	0.00003	0.012	0.012	0.012	0.0057
2,3',4,4',5,5'-HxCB (PCB #167)	310	0.00003	0.0093	0.0093	0.0093	0.0057
2,3,3',4,4',5'-HxCB (PCB #156)	660	0.00003	0.020	0.020	0.020	0.0057
2,3,3',4,4',5'-HxCB (PCB #157)	74	0.00003	0.0022	0.0022	0.0022	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	130	0.00003	0.0040	0.0040	0.0040	0.0011
Total			0.096	0.71	1.3	1.3
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.025			Date of analysis: 05-05-2023			
Your reference: N10			Date of sampling: <i>unknown</i>			
			Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.3	0.1	0.0	0.16	0.33	0.33
2,3,7,8-TCDD	<3.3	1	0.0	1.6	3.3	3.3
1,2,3,7,8-PeCDF	<3.3	0.05	0.0	0.082	0.16	0.16
2,3,4,7,8-PeCDF	<3.3	0.5	0.0	0.82	1.6	1.6
1,2,3,7,8-PeCDD	<3.3	0.5	0.0	0.82	1.6	1.6
1,2,3,4,7,8-HxCDF	5.1	0.1	0.51	0.51	0.51	0.33
1,2,3,6,7,8-HxCDF	<3.3	0.1	0.0	0.16	0.33	0.33
2,3,4,6,7,8-HxCDF	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,7,8,9-HxCDF	<3.3	0.1	0.0	0.16	0.33	0.33
1,2,3,4,7,8-HxCDD	3.7	0.1	0.37	0.37	0.37	0.33
1,2,3,6,7,8-HxCDD	63	0.1	6.3	6.3	6.3	0.33
1,2,3,7,8,9-HxCDD	22	0.1	2.2	2.2	2.2	0.33
1,2,3,4,6,7,8-HpCDF	59	0.01	0.59	0.59	0.59	0.055
1,2,3,4,7,8,9-HpCDF	<5.5	0.01	0.0	0.027	0.055	0.055
1,2,3,4,6,7,8-HpCDD	17000 (*)	0.01	170	170	170	0.055
OCDF	320	0.001	0.32	0.32	0.32	0.011
OCDD	230000 (*)	0.001	230	230	230	0.011
Total			410	410	420	9.5
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<22	0.0003	0.0	0.0033	0.0066	0.0066
3,3',4,4'-TeCB (PCB #77)	110	0.0001	0.011	0.011	0.011	0.0044
3,3',4,4',5'-PeCB (PCB #126)	<11	0.1	0.0	0.55	1.1	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.33	0.33
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	52	0.00003	0.0016	0.0016	0.0016	0.0013
2,3',4,4',5'-PeCB (PCB #118)	4100	0.00003	0.12	0.12	0.12	0.013
2,3,4,4',5'-PeCB (PCB #114)	61	0.00003	0.0018	0.0018	0.0018	0.0013
2,3,3',4,4'-PeCB (PCB #105)	1300	0.00003	0.039	0.039	0.039	0.0066
2,3',4,4',5,5'-HxCB (PCB #167)	560	0.00003	0.017	0.017	0.017	0.0066
2,3,3',4,4',5'-HxCB (PCB #156)	1400	0.00003	0.043	0.043	0.043	0.0066
2,3,3',4,4',5'-HxCB (PCB #157)	160	0.00003	0.0049	0.0049	0.0049	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	250	0.00003	0.0074	0.0074	0.0074	0.0013
Total			0.25	0.96	1.7	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.026			Date of analysis: 05-05-2023			
Your reference: CR2			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	4.3	0.1	0.43	0.43	0.43	0.26
2,3,7,8-TCDD	<2.6	1	0.0	1.3	2.6	2.6
1,2,3,7,8-PeCDF	3.7	0.05	0.19	0.19	0.19	0.13
2,3,4,7,8-PeCDF	3.9	0.5	1.9	1.9	1.9	1.3
1,2,3,7,8-PeCDD	<2.6	0.5	0.0	0.66	1.3	1.3
1,2,3,4,7,8-HxCDF	6.6	0.1	0.66	0.66	0.66	0.26
1,2,3,6,7,8-HxCDF	5.1	0.1	0.51	0.51	0.51	0.26
2,3,4,6,7,8-HxCDF	7.2	0.1	0.72	0.72	0.72	0.26
1,2,3,7,8,9-HxCDF	<2.6	0.1	0.0	0.13	0.26	0.26
1,2,3,4,7,8-HxCDD	<2.6	0.1	0.0	0.13	0.26	0.26
1,2,3,6,7,8-HxCDD	7.9	0.1	0.79	0.79	0.79	0.26
1,2,3,7,8,9-HxCDD	3.2	0.1	0.32	0.32	0.32	0.26
1,2,3,4,6,7,8-HpCDF	160	0.01	1.6	1.6	1.6	0.044
1,2,3,4,7,8,9-HpCDF	5.2	0.01	0.052	0.052	0.052	0.044
1,2,3,4,6,7,8-HpCDD	290	0.01	2.9	2.9	2.9	0.044
OCDF	240	0.001	0.24	0.24	0.24	0.0087
OCDD	4400	0.001	4.4	4.4	4.4	0.0087
Total			15	17	19	7.6
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	18	0.0003	0.0053	0.0053	0.0053	0.0052
3,3',4,4'-TeCB (PCB #77)	440	0.0001	0.044	0.044	0.044	0.0035
3,3',4,4',5'-PeCB (PCB #126)	53	0.1	5.3	5.3	5.3	0.87
3,3',4,4',5,5'-HxCB (PCB #169)	<8.7	0.03	0.0	0.13	0.26	0.26
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	110	0.00003	0.0033	0.0033	0.0033	0.0010
2,3',4,4',5'-PeCB (PCB #118)	6900	0.00003	0.21	0.21	0.21	0.010
2,3,4,4',5'-PeCB (PCB #114)	140	0.00003	0.0041	0.0041	0.0041	0.0010
2,3,3',4,4'-PeCB (PCB #105)	2800	0.00003	0.085	0.085	0.085	0.0052
2,3',4,4',5,5'-HxCB (PCB #167)	880	0.00003	0.026	0.026	0.026	0.0052
2,3,3',4,4',5'-HxCB (PCB #156)	2100	0.00003	0.062	0.062	0.062	0.0052
2,3,3',4,4',5'-HxCB (PCB #157)	320	0.00003	0.0097	0.0097	0.0097	0.0010
2,3,3',4,4',5,5'-HpCB (PCB #189)	350	0.00003	0.010	0.010	0.010	0.0010
Total			5.7	5.8	6.0	1.2
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.027			Date of analysis: 05-05-2023			
Your reference: CR8			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.4	0.1	0.0	0.17	0.34	0.34
2,3,7,8-TCDD	<3.4	1	0.0	1.7	3.4	3.4
1,2,3,7,8-PeCDF	<3.4	0.05	0.0	0.086	0.17	0.17
2,3,4,7,8-PeCDF	<3.4	0.5	0.0	0.86	1.7	1.7
1,2,3,7,8-PeCDD	<3.4	0.5	0.0	0.86	1.7	1.7
1,2,3,4,7,8-HxCDF	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,6,7,8-HxCDF	<3.4	0.1	0.0	0.17	0.34	0.34
2,3,4,6,7,8-HxCDF	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,7,8,9-HxCDF	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,4,7,8-HxCDD	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,6,7,8-HxCDD	4.8	0.1	0.48	0.48	0.48	0.34
1,2,3,7,8,9-HxCDD	<3.4	0.1	0.0	0.17	0.34	0.34
1,2,3,4,6,7,8-HpCDF	51	0.01	0.51	0.51	0.51	0.057
1,2,3,4,7,8,9-HpCDF	<5.7	0.01	0.0	0.029	0.057	0.057
1,2,3,4,6,7,8-HpCDD	120	0.01	1.2	1.2	1.2	0.057
OCDF	81	0.001	0.081	0.081	0.081	0.011
OCDD	700	0.001	0.70	0.70	0.70	0.011
Total			3.0	7.7	12	9.9
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<23	0.0003	0.0	0.0034	0.0068	0.0068
3,3',4,4'-TeCB (PCB #77)	52	0.0001	0.0052	0.0052	0.0052	0.0046
3,3',4,4',5'-PeCB (PCB #126)	<11	0.1	0.0	0.57	1.1	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.17	0.34	0.34
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<46	0.00003	0.0	0.00068	0.0014	0.0014
2,3',4,4',5'-PeCB (PCB #118)	910	0.00003	0.027	0.027	0.027	0.014
2,3,4,4',5'-PeCB (PCB #114)	<46	0.00003	0.0	0.00068	0.0014	0.0014
2,3,3',4,4'-PeCB (PCB #105)	360	0.00003	0.011	0.011	0.011	0.0068
2,3',4,4',5,5'-HxCB (PCB #167)	<230	0.00003	0.0	0.0034	0.0068	0.0068
2,3,3',4,4',5'-HxCB (PCB #156)	<230	0.00003	0.0	0.0034	0.0068	0.0068
2,3,3',4,4',5'-HxCB (PCB #157)	<46	0.00003	0.0	0.00068	0.0014	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	<46	0.00003	0.0	0.00068	0.0014	0.0014
Total			0.044	0.80	1.6	1.5
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.028			Date of analysis: 05-05-2023			
Your reference: CR3			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	14	0.1	1.4	1.4	1.4	0.36
2,3,7,8-TCDD	<3.6	1	0.0	1.8	3.6	3.6
1,2,3,7,8-PeCDF	24	0.05	1.2	1.2	1.2	0.18
2,3,4,7,8-PeCDF	48	0.5	24	24	24	1.8
1,2,3,7,8-PeCDD	14	0.5	7.0	7.0	7.0	1.8
1,2,3,4,7,8-HxCDF	54	0.1	5.4	5.4	5.4	0.36
1,2,3,6,7,8-HxCDF	50	0.1	5.0	5.0	5.0	0.36
2,3,4,6,7,8-HxCDF	94	0.1	9.4	9.4	9.4	0.36
1,2,3,7,8,9-HxCDF	4.6	0.1	0.46	0.46	0.46	0.36
1,2,3,4,7,8-HxCDD	19	0.1	1.9	1.9	1.9	0.36
1,2,3,6,7,8-HxCDD	33	0.1	3.3	3.3	3.3	0.36
1,2,3,7,8,9-HxCDD	22	0.1	2.2	2.2	2.2	0.36
1,2,3,4,6,7,8-HpCDF	430	0.01	4.3	4.3	4.3	0.059
1,2,3,4,7,8,9-HpCDF	56	0.01	0.56	0.56	0.56	0.059
1,2,3,4,6,7,8-HpCDD	410	0.01	4.1	4.1	4.1	0.059
OCDF	510	0.001	0.51	0.51	0.51	0.012
OCDD	5000	0.001	5.0	5.0	5.0	0.012
Total			76	78	80	10
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<24	0.0003	0.0	0.0036	0.0071	0.0071
3,3',4,4'-TeCB (PCB #77)	320	0.0001	0.032	0.032	0.032	0.0047
3,3',4,4',5'-PeCB (PCB #126)	110	0.1	11	11	11	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	24	0.03	0.73	0.73	0.73	0.36
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	150	0.00003	0.0045	0.0045	0.0045	0.0014
2,3',4,4',5'-PeCB (PCB #118)	7300	0.00003	0.22	0.22	0.22	0.014
2,3,4,4',5'-PeCB (PCB #114)	170	0.00003	0.0052	0.0052	0.0052	0.0014
2,3,3',4,4'-PeCB (PCB #105)	3300	0.00003	0.098	0.098	0.098	0.0071
2,3',4,4',5,5'-HxCB (PCB #167)	1100	0.00003	0.032	0.032	0.032	0.0071
2,3,3',4,4',5'-HxCB (PCB #156)	2300	0.00003	0.070	0.070	0.070	0.0071
2,3,3',4,4',5'-HxCB (PCB #157)	370	0.00003	0.011	0.011	0.011	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	420	0.00003	0.013	0.013	0.013	0.0014
Total			12	12	12	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1
Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.

Sample identification : IAC23-04096.029

Date of analysis: 05-05-2023

Your reference: CR4

 Date of sampling: *unknown*

 Sampled by: *Third party*

Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.8	0.1	0.0	0.14	0.28	0.28
2,3,7,8-TCDD	<2.8	1	0.0	1.4	2.8	2.8
1,2,3,7,8-PeCDF	<2.8	0.05	0.0	0.070	0.14	0.14
2,3,4,7,8-PeCDF	<2.8	0.5	0.0	0.70	1.4	1.4
1,2,3,7,8-PeCDD	<2.8	0.5	0.0	0.70	1.4	1.4
1,2,3,4,7,8-HxCDF	5.9	0.1	0.59	0.59	0.59	0.28
1,2,3,6,7,8-HxCDF	3.0	0.1	0.30	0.30	0.30	0.28
2,3,4,6,7,8-HxCDF	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,7,8,9-HxCDF	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,4,7,8-HxCDD	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,6,7,8-HxCDD	9.0	0.1	0.90	0.90	0.90	0.28
1,2,3,7,8,9-HxCDD	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,4,6,7,8-HpCDF	58	0.01	0.58	0.58	0.58	0.047
1,2,3,4,7,8,9-HpCDF	5.5	0.01	0.055	0.055	0.055	0.047
1,2,3,4,6,7,8-HpCDD	470	0.01	4.7	4.7	4.7	0.047
OCDF	180	0.001	0.18	0.18	0.18	0.0094
OCDD	7400	0.001	7.4	7.4	7.4	0.0094
Total			15	18	22	8.2
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<19	0.0003	0.0	0.0028	0.0056	0.0056
3,3',4,4'-TeCB (PCB #77)	86	0.0001	0.0086	0.0086	0.0086	0.0037
3,3',4,4',5'-PeCB (PCB #126)	<9.4	0.1	0.0	0.47	0.94	0.94
3,3',4,4',5,5'-HxCB (PCB #169)	<9.4	0.03	0.0	0.14	0.28	0.28
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<37	0.00003	0.0	0.00056	0.0011	0.0011
2,3',4,4',5'-PeCB (PCB #118)	700	0.00003	0.021	0.021	0.021	0.011
2,3,4,4',5'-PeCB (PCB #114)	<37	0.00003	0.0	0.00056	0.0011	0.0011
2,3,3',4,4'-PeCB (PCB #105)	300	0.00003	0.0089	0.0089	0.0089	0.0056
2,3',4,4',5,5'-HxCB (PCB #167)	<190	0.00003	0.0	0.0028	0.0056	0.0056
2,3,3',4,4',5'-HxCB (PCB #156)	<190	0.00003	0.0	0.0028	0.0056	0.0056
2,3,3',4,4',5'-HxCB (PCB #157)	<37	0.00003	0.0	0.00056	0.0011	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	<37	0.00003	0.0	0.00056	0.0011	0.0011
Total			0.039	0.66	1.3	1.3
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.030			Date of analysis: 05-05-2023			
Your reference: CR7			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	5.2	0.1	0.52	0.52	0.52	0.27
2,3,7,8-TCDD	<2.7	1	0.0	1.4	2.7	2.7
1,2,3,7,8-PeCDF	7.0	0.05	0.35	0.35	0.35	0.14
2,3,4,7,8-PeCDF	23	0.5	12	12	12	1.4
1,2,3,7,8-PeCDD	<2.7	0.5	0.0	0.68	1.4	1.4
1,2,3,4,7,8-HxCDF	20	0.1	2.0	2.0	2.0	0.27
1,2,3,6,7,8-HxCDF	52	0.1	5.2	5.2	5.2	0.27
2,3,4,6,7,8-HxCDF	23	0.1	2.3	2.3	2.3	0.27
1,2,3,7,8,9-HxCDF	<2.7	0.1	0.0	0.14	0.27	0.27
1,2,3,4,7,8-HxCDD	4.9	0.1	0.49	0.49	0.49	0.27
1,2,3,6,7,8-HxCDD	34	0.1	3.4	3.4	3.4	0.27
1,2,3,7,8,9-HxCDD	9.3	0.1	0.93	0.93	0.93	0.27
1,2,3,4,6,7,8-HpCDF	470	0.01	4.7	4.7	4.7	0.045
1,2,3,4,7,8,9-HpCDF	37	0.01	0.37	0.37	0.37	0.045
1,2,3,4,6,7,8-HpCDD	2500	0.01	25	25	25	0.045
OCDF	1200	0.001	1.2	1.2	1.2	0.0091
OCDD	33000 (*)	0.001	33	33	33	0.0091
Total			91	93	95	7.9
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<18	0.0003	0.0	0.0027	0.0055	0.0055
3,3',4,4'-TeCB (PCB #77)	400	0.0001	0.040	0.040	0.040	0.0036
3,3',4,4',5'-PeCB (PCB #126)	160	0.1	16	16	16	0.91
3,3',4,4',5,5'-HxCB (PCB #169)	25	0.03	0.75	0.75	0.75	0.27
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	280	0.00003	0.0083	0.0083	0.0083	0.0011
2,3',4,4',5'-PeCB (PCB #118)	15000	0.00003	0.46	0.46	0.46	0.011
2,3,4,4',5'-PeCB (PCB #114)	200	0.00003	0.0060	0.0060	0.0060	0.0011
2,3,3',4,4'-PeCB (PCB #105)	4200	0.00003	0.13	0.13	0.13	0.0055
2,3',4,4',5,5'-HxCB (PCB #167)	2900	0.00003	0.088	0.088	0.088	0.0055
2,3,3',4,4',5'-HxCB (PCB #156)	6800	0.00003	0.20	0.20	0.20	0.0055
2,3,3',4,4',5'-HxCB (PCB #157)	890	0.00003	0.027	0.027	0.027	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	920	0.00003	0.027	0.027	0.027	0.0011
Total			17	17	17	1.2
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1
Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.

Sample identification : IAC23-04096.031

Date of analysis: 05-05-2023

Your reference: CR10

 Date of sampling: *unknown*

 Sampled by: *Third party*

Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.4	0.1	0.0	0.12	0.24	0.24
2,3,7,8-TCDD	<2.4	1	0.0	1.2	2.4	2.4
1,2,3,7,8-PeCDF	2.5	0.05	0.12	0.12	0.12	0.12
2,3,4,7,8-PeCDF	4.8	0.5	2.4	2.4	2.4	1.2
1,2,3,7,8-PeCDD	4.4	0.5	2.2	2.2	2.2	1.2
1,2,3,4,7,8-HxCDF	23	0.1	2.3	2.3	2.3	0.24
1,2,3,6,7,8-HxCDF	27	0.1	2.7	2.7	2.7	0.24
2,3,4,6,7,8-HxCDF	26	0.1	2.6	2.6	2.6	0.24
1,2,3,7,8,9-HxCDF	<2.4	0.1	0.0	0.12	0.24	0.24
1,2,3,4,7,8-HxCDD	15	0.1	1.5	1.5	1.5	0.24
1,2,3,6,7,8-HxCDD	140	0.1	14	14	14	0.24
1,2,3,7,8,9-HxCDD	33	0.1	3.3	3.3	3.3	0.24
1,2,3,4,6,7,8-HpCDF	830	0.01	8.3	8.3	8.3	0.041
1,2,3,4,7,8,9-HpCDF	79	0.01	0.79	0.79	0.79	0.041
1,2,3,4,6,7,8-HpCDD	5600 (*)	0.01	56	56	56	0.041
OCDF	4000	0.001	4.0	4.0	4.0	0.0081
OCDD	71000 (*)	0.001	71	71	71	0.0081
Total			170	170	170	7.1
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	52	0.0003	0.016	0.016	0.016	0.0049
3,3',4,4'-TeCB (PCB #77)	1300	0.0001	0.13	0.13	0.13	0.0033
3,3',4,4',5'-PeCB (PCB #126)	12	0.1	1.2	1.2	1.2	0.81
3,3',4,4',5,5'-HxCB (PCB #169)	<8.1	0.03	0.0	0.12	0.24	0.24
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	74	0.00003	0.0022	0.0022	0.0022	0.00098
2,3',4,4',5'-PeCB (PCB #118)	2800	0.00003	0.085	0.085	0.085	0.0098
2,3,4,4',5'-PeCB (PCB #114)	68	0.00003	0.0020	0.0020	0.0020	0.00098
2,3,3',4,4'-PeCB (PCB #105)	1200	0.00003	0.036	0.036	0.036	0.0049
2,3',4,4',5,5'-HxCB (PCB #167)	170	0.00003	0.0051	0.0051	0.0051	0.0049
2,3,3',4,4',5'-HxCB (PCB #156)	360	0.00003	0.011	0.011	0.011	0.0049
2,3,3',4,4',5'-HxCB (PCB #157)	56	0.00003	0.0017	0.0017	0.0017	0.00098
2,3,3',4,4',5,5'-HpCB (PCB #189)	37	0.00003	0.0011	0.0011	0.0011	0.00098
Total			1.5	1.7	1.8	1.1
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						
(*) The results are out of range of linearity						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.032						
Your reference: E2				Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	N.A.					
2,3,7,8-TCDD	N.A.					
1,2,3,7,8-PeCDF	N.A.					
2,3,4,7,8-PeCDF	N.A.					
1,2,3,7,8-PeCDD	N.A.					
1,2,3,4,7,8-HxCDF	N.A.					
1,2,3,6,7,8-HxCDF	N.A.					
2,3,4,6,7,8-HxCDF	N.A.					
1,2,3,7,8,9-HxCDF	N.A.					
1,2,3,4,7,8-HxCDD	N.A.					
1,2,3,6,7,8-HxCDD	N.A.					
1,2,3,7,8,9-HxCDD	N.A.					
1,2,3,4,6,7,8-HpCDF	N.A.					
1,2,3,4,7,8,9-HpCDF	N.A.					
1,2,3,4,6,7,8-HpCDD	N.A.					
OCDF	N.A.					
OCDD	N.A.					
Total						
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	N.A.					
3,3',4,4'-TeCB (PCB #77)	N.A.					
3,3',4,4',5'-PeCB (PCB #126)	N.A.					
3,3',4,4',5,5'-HxCB (PCB #169)	N.A.					
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	N.A.					
2,3',4,4',5'-PeCB (PCB #118)	N.A.					
2,3,4,4',5'-PeCB (PCB #114)	N.A.					
2,3,3',4,4'-PeCB (PCB #105)	N.A.					
2,3',4,4',5,5'-HxCB (PCB #167)	N.A.					
2,3,3',4,4',5'-HxCB (PCB #156)	N.A.					
2,3,3',4,4',5'-HxCB (PCB #157)	N.A.					
2,3,3',4,4',5,5'-HpCB (PCB #189)	N.A.					
Total						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.033			Date of analysis: 05-05-2023			
Your reference: E3			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.2	0.1	0.0	0.16	0.32	0.32
2,3,7,8-TCDD	<3.2	1	0.0	1.6	3.2	3.2
1,2,3,7,8-PeCDF	<3.2	0.05	0.0	0.079	0.16	0.16
2,3,4,7,8-PeCDF	<3.2	0.5	0.0	0.79	1.6	1.6
1,2,3,7,8-PeCDD	<3.2	0.5	0.0	0.79	1.6	1.6
1,2,3,4,7,8-HxCDF	6.9	0.1	0.69	0.69	0.69	0.32
1,2,3,6,7,8-HxCDF	3.9	0.1	0.39	0.39	0.39	0.32
2,3,4,6,7,8-HxCDF	6.0	0.1	0.60	0.60	0.60	0.32
1,2,3,7,8,9-HxCDF	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,4,7,8-HxCDD	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,6,7,8-HxCDD	8.1	0.1	0.81	0.81	0.81	0.32
1,2,3,7,8,9-HxCDD	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,4,6,7,8-HpCDF	110	0.01	1.1	1.1	1.1	0.053
1,2,3,4,7,8,9-HpCDF	6.8	0.01	0.068	0.068	0.068	0.053
1,2,3,4,6,7,8-HpCDD	200	0.01	2.0	2.0	2.0	0.053
OCDF	160	0.001	0.16	0.16	0.16	0.011
OCDD	1600	0.001	1.6	1.6	1.6	0.011
Total			7.5	11	15	9.2
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<21	0.0003	0.0	0.0032	0.0063	0.0063
3,3',4,4'-TeCB (PCB #77)	110	0.0001	0.011	0.011	0.011	0.0042
3,3',4,4',5'-PeCB (PCB #126)	11	0.1	1.1	1.1	1.1	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.32	0.32
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<42	0.00003	0.0	0.00063	0.0013	0.0013
2,3',4,4',5'-PeCB (PCB #118)	2100	0.00003	0.062	0.062	0.062	0.013
2,3,4,4',5'-PeCB (PCB #114)	44	0.00003	0.0013	0.0013	0.0013	0.0013
2,3,3',4,4'-PeCB (PCB #105)	750	0.00003	0.022	0.022	0.022	0.0063
2,3',4,4',5,5'-HxCB (PCB #167)	300	0.00003	0.0090	0.0090	0.0090	0.0063
2,3,3',4,4',5'-HxCB (PCB #156)	690	0.00003	0.021	0.021	0.021	0.0063
2,3,3',4,4',5'-HxCB (PCB #157)	92	0.00003	0.0028	0.0028	0.0028	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	110	0.00003	0.0034	0.0034	0.0034	0.0013
Total			1.2	1.4	1.6	1.4
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.034			Date of analysis: 05-05-2023			
Your reference: E5			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	7.7	0.1	0.77	0.77	0.77	0.27
2,3,7,8-TCDD	<2.7	1	0.0	1.4	2.7	2.7
1,2,3,7,8-PeCDF	12	0.05	0.60	0.60	0.60	0.14
2,3,4,7,8-PeCDF	19	0.5	9.7	9.7	9.7	1.4
1,2,3,7,8-PeCDD	4.7	0.5	2.3	2.3	2.3	1.4
1,2,3,4,7,8-HxCDF	13	0.1	1.3	1.3	1.3	0.27
1,2,3,6,7,8-HxCDF	17	0.1	1.7	1.7	1.7	0.27
2,3,4,6,7,8-HxCDF	19	0.1	1.9	1.9	1.9	0.27
1,2,3,7,8,9-HxCDF	<2.7	0.1	0.0	0.14	0.27	0.27
1,2,3,4,7,8-HxCDD	4.4	0.1	0.44	0.44	0.44	0.27
1,2,3,6,7,8-HxCDD	10	0.1	1.0	1.0	1.0	0.27
1,2,3,7,8,9-HxCDD	6.7	0.1	0.67	0.67	0.67	0.27
1,2,3,4,6,7,8-HpCDF	58	0.01	0.58	0.58	0.58	0.045
1,2,3,4,7,8,9-HpCDF	7.0	0.01	0.070	0.070	0.070	0.045
1,2,3,4,6,7,8-HpCDD	150	0.01	1.5	1.5	1.5	0.045
OCDF	120	0.001	0.12	0.12	0.12	0.0090
OCDD	2000	0.001	2.0	2.0	2.0	0.0090
Total			25	26	28	7.9
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<18	0.0003	0.0	0.0027	0.0054	0.0054
3,3',4,4'-TeCB (PCB #77)	97	0.0001	0.0097	0.0097	0.0097	0.0036
3,3',4,4',5'-PeCB (PCB #126)	11	0.1	1.1	1.1	1.1	0.90
3,3',4,4',5,5'-HxCB (PCB #169)	<9.0	0.03	0.0	0.14	0.27	0.27
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<36	0.00003	0.0	0.00054	0.0011	0.0011
2,3',4,4',5'-PeCB (PCB #118)	1500	0.00003	0.044	0.044	0.044	0.011
2,3,4,4',5'-PeCB (PCB #114)	<36	0.00003	0.0	0.00054	0.0011	0.0011
2,3,3',4,4'-PeCB (PCB #105)	550	0.00003	0.017	0.017	0.017	0.0054
2,3',4,4',5,5'-HxCB (PCB #167)	<180	0.00003	0.0	0.0027	0.0054	0.0054
2,3,3',4,4',5'-HxCB (PCB #156)	370	0.00003	0.011	0.011	0.011	0.0054
2,3,3',4,4',5'-HxCB (PCB #157)	52	0.00003	0.0016	0.0016	0.0016	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	57	0.00003	0.0017	0.0017	0.0017	0.0011
Total			1.2	1.4	1.5	1.2
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.035			Date of analysis: 05-05-2023			
Your reference: E6			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.8	0.1	0.0	0.14	0.28	0.28
2,3,7,8-TCDD	<2.8	1	0.0	1.4	2.8	2.8
1,2,3,7,8-PeCDF	<2.8	0.05	0.0	0.070	0.14	0.14
2,3,4,7,8-PeCDF	<2.8	0.5	0.0	0.70	1.4	1.4
1,2,3,7,8-PeCDD	<2.8	0.5	0.0	0.70	1.4	1.4
1,2,3,4,7,8-HxCDF	7.2	0.1	0.72	0.72	0.72	0.28
1,2,3,6,7,8-HxCDF	5.5	0.1	0.55	0.55	0.55	0.28
2,3,4,6,7,8-HxCDF	11	0.1	1.1	1.1	1.1	0.28
1,2,3,7,8,9-HxCDF	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,4,7,8-HxCDD	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,6,7,8-HxCDD	4.9	0.1	0.49	0.49	0.49	0.28
1,2,3,7,8,9-HxCDD	<2.8	0.1	0.0	0.14	0.28	0.28
1,2,3,4,6,7,8-HpCDF	1600	0.01	16	16	16	0.046
1,2,3,4,7,8,9-HpCDF	6.4	0.01	0.064	0.064	0.064	0.046
1,2,3,4,6,7,8-HpCDD	56	0.01	0.56	0.56	0.56	0.046
OCDF	1400	0.001	1.4	1.4	1.4	0.0093
OCDD	520	0.001	0.52	0.52	0.52	0.0093
Total			21	24	28	8.1
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<19	0.0003	0.0	0.0028	0.0056	0.0056
3,3',4,4'-TeCB (PCB #77)	130	0.0001	0.013	0.013	0.013	0.0037
3,3',4,4',5'-PeCB (PCB #126)	<9.3	0.1	0.0	0.46	0.93	0.93
3,3',4,4',5,5'-HxCB (PCB #169)	<9.3	0.03	0.0	0.14	0.28	0.28
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<37	0.00003	0.0	0.00056	0.0011	0.0011
2,3',4,4',5'-PeCB (PCB #118)	1200	0.00003	0.035	0.035	0.035	0.011
2,3,4,4',5'-PeCB (PCB #114)	<37	0.00003	0.0	0.00056	0.0011	0.0011
2,3,3',4,4'-PeCB (PCB #105)	520	0.00003	0.016	0.016	0.016	0.0056
2,3',4,4',5,5'-HxCB (PCB #167)	<190	0.00003	0.0	0.0028	0.0056	0.0056
2,3,3',4,4',5'-HxCB (PCB #156)	220	0.00003	0.0067	0.0067	0.0067	0.0056
2,3,3',4,4',5'-HxCB (PCB #157)	40	0.00003	0.0012	0.0012	0.0012	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	<37	0.00003	0.0	0.00056	0.0011	0.0011
Total			0.072	0.68	1.3	1.2
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.036			Date of analysis: 05-05-2023			
Your reference: E7			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	6.9	0.1	0.69	0.69	0.69	0.35
2,3,7,8-TCDD	<3.5	1	0.0	1.7	3.5	3.5
1,2,3,7,8-PeCDF	15	0.05	0.76	0.76	0.76	0.17
2,3,4,7,8-PeCDF	18	0.5	9.1	9.1	9.1	1.7
1,2,3,7,8-PeCDD	17	0.5	8.7	8.7	8.7	1.7
1,2,3,4,7,8-HxCDF	140	0.1	14	14	14	0.35
1,2,3,6,7,8-HxCDF	200	0.1	20	20	20	0.35
2,3,4,6,7,8-HxCDF	150	0.1	15	15	15	0.35
1,2,3,7,8,9-HxCDF	4.9	0.1	0.49	0.49	0.49	0.35
1,2,3,4,7,8-HxCDD	62	0.1	6.2	6.2	6.2	0.35
1,2,3,6,7,8-HxCDD	310	0.1	31	31	31	0.35
1,2,3,7,8,9-HxCDD	150	0.1	15	15	15	0.35
1,2,3,4,6,7,8-HpCDF	4300	0.01	43	43	43	0.058
1,2,3,4,7,8,9-HpCDF	330	0.01	3.3	3.3	3.3	0.058
1,2,3,4,6,7,8-HpCDD	18000 (*)	0.01	180	180	180	0.058
OCDF	7500	0.001	7.5	7.5	7.5	0.012
OCDD	270000 (*)	0.001	270	270	270	0.012
Total			620	620	630	10
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<23	0.0003	0.0	0.0035	0.0070	0.0070
3,3',4,4'-TeCB (PCB #77)	150	0.0001	0.015	0.015	0.015	0.0046
3,3',4,4',5'-PeCB (PCB #126)	15	0.1	1.5	1.5	1.5	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.17	0.35	0.35
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<46	0.00003	0.0	0.00070	0.0014	0.0014
2,3',4,4',5'-PeCB (PCB #118)	2300	0.00003	0.068	0.068	0.068	0.014
2,3,4,4',5'-PeCB (PCB #114)	53	0.00003	0.0016	0.0016	0.0016	0.0014
2,3,3',4,4'-PeCB (PCB #105)	770	0.00003	0.023	0.023	0.023	0.0070
2,3',4,4',5,5'-HxCB (PCB #167)	310	0.00003	0.0094	0.0094	0.0094	0.0070
2,3,3',4,4',5'-HxCB (PCB #156)	730	0.00003	0.022	0.022	0.022	0.0070
2,3,3',4,4',5'-HxCB (PCB #157)	98	0.00003	0.0029	0.0029	0.0029	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	120	0.00003	0.0036	0.0036	0.0036	0.0014
Total			1.6	1.8	2.0	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.037			Date of analysis: 05-05-2023			
Your reference: E9-1			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.6	0.1	0.0	0.18	0.36	0.36
2,3,7,8-TCDD	<3.6	1	0.0	1.8	3.6	3.6
1,2,3,7,8-PeCDF	<3.6	0.05	0.0	0.090	0.18	0.18
2,3,4,7,8-PeCDF	7.2	0.5	3.6	3.6	3.6	1.8
1,2,3,7,8-PeCDD	<3.6	0.5	0.0	0.90	1.8	1.8
1,2,3,4,7,8-HxCDF	6.5	0.1	0.65	0.65	0.65	0.36
1,2,3,6,7,8-HxCDF	5.4	0.1	0.54	0.54	0.54	0.36
2,3,4,6,7,8-HxCDF	6.5	0.1	0.65	0.65	0.65	0.36
1,2,3,7,8,9-HxCDF	<3.6	0.1	0.0	0.18	0.36	0.36
1,2,3,4,7,8-HxCDD	<3.6	0.1	0.0	0.18	0.36	0.36
1,2,3,6,7,8-HxCDD	8.2	0.1	0.82	0.82	0.82	0.36
1,2,3,7,8,9-HxCDD	4.6	0.1	0.46	0.46	0.46	0.36
1,2,3,4,6,7,8-HpCDF	47	0.01	0.47	0.47	0.47	0.060
1,2,3,4,7,8,9-HpCDF	8.8	0.01	0.088	0.088	0.088	0.060
1,2,3,4,6,7,8-HpCDD	200	0.01	2.0	2.0	2.0	0.060
OCDF	120	0.001	0.12	0.12	0.12	0.012
OCDD	2400	0.001	2.4	2.4	2.4	0.012
Total			12	15	18	10
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<24	0.0003	0.0	0.0036	0.0072	0.0072
3,3',4,4'-TeCB (PCB #77)	69	0.0001	0.0069	0.0069	0.0069	0.0048
3,3',4,4',5'-PeCB (PCB #126)	<12	0.1	0.0	0.60	1.2	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.18	0.36	0.36
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<48	0.00003	0.0	0.00072	0.0014	0.0014
2,3',4,4',5'-PeCB (PCB #118)	2200	0.00003	0.066	0.066	0.066	0.014
2,3,4,4',5'-PeCB (PCB #114)	<48	0.00003	0.0	0.00072	0.0014	0.0014
2,3,3',4,4'-PeCB (PCB #105)	380	0.00003	0.011	0.011	0.011	0.0072
2,3',4,4',5,5'-HxCB (PCB #167)	740	0.00003	0.022	0.022	0.022	0.0072
2,3,3',4,4',5'-HxCB (PCB #156)	1500	0.00003	0.046	0.046	0.046	0.0072
2,3,3',4,4',5'-HxCB (PCB #157)	120	0.00003	0.0037	0.0037	0.0037	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	340	0.00003	0.010	0.010	0.010	0.0014
Total			0.17	0.95	1.7	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.038			Date of analysis: 05-05-2023			
Your reference: E9-2			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.7	0.1	0.0	0.13	0.27	0.27
2,3,7,8-TCDD	<2.7	1	0.0	1.3	2.7	2.7
1,2,3,7,8-PeCDF	<2.7	0.05	0.0	0.067	0.13	0.13
2,3,4,7,8-PeCDF	<2.7	0.5	0.0	0.67	1.3	1.3
1,2,3,7,8-PeCDD	<2.7	0.5	0.0	0.67	1.3	1.3
1,2,3,4,7,8-HxCDF	3.2	0.1	0.32	0.32	0.32	0.27
1,2,3,6,7,8-HxCDF	3.7	0.1	0.37	0.37	0.37	0.27
2,3,4,6,7,8-HxCDF	3.6	0.1	0.36	0.36	0.36	0.27
1,2,3,7,8,9-HxCDF	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,4,7,8-HxCDD	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,6,7,8-HxCDD	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,7,8,9-HxCDD	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,4,6,7,8-HpCDF	26	0.01	0.26	0.26	0.26	0.045
1,2,3,4,7,8,9-HpCDF	<4.5	0.01	0.0	0.022	0.045	0.045
1,2,3,4,6,7,8-HpCDD	70	0.01	0.70	0.70	0.70	0.045
OCDF	51	0.001	0.051	0.051	0.051	0.0090
OCDD	1900	0.001	1.9	1.9	1.9	0.0090
Total			4.0	7.5	11	7.8
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<18	0.0003	0.0	0.0027	0.0054	0.0054
3,3',4,4'-TeCB (PCB #77)	<36	0.0001	0.0	0.0018	0.0036	0.0036
3,3',4,4',5'-PeCB (PCB #126)	<9.0	0.1	0.0	0.45	0.90	0.90
3,3',4,4',5,5'-HxCB (PCB #169)	<9.0	0.03	0.0	0.13	0.27	0.27
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<36	0.00003	0.0	0.00054	0.0011	0.0011
2,3',4,4',5'-PeCB (PCB #118)	1800	0.00003	0.055	0.055	0.055	0.011
2,3,4,4',5'-PeCB (PCB #114)	<36	0.00003	0.0	0.00054	0.0011	0.0011
2,3,3',4,4'-PeCB (PCB #105)	360	0.00003	0.011	0.011	0.011	0.0054
2,3',4,4',5,5'-HxCB (PCB #167)	480	0.00003	0.014	0.014	0.014	0.0054
2,3,3',4,4',5'-HxCB (PCB #156)	1200	0.00003	0.035	0.035	0.035	0.0054
2,3,3',4,4',5'-HxCB (PCB #157)	97	0.00003	0.0029	0.0029	0.0029	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	210	0.00003	0.0064	0.0064	0.0064	0.0011
Total			0.12	0.71	1.3	1.2
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.039			Date of analysis: 05-05-2023			
Your reference: M2			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.0	0.1	0.0	0.15	0.30	0.30
2,3,7,8-TCDD	<3.0	1	0.0	1.5	3.0	3.0
1,2,3,7,8-PeCDF	<3.0	0.05	0.0	0.074	0.15	0.15
2,3,4,7,8-PeCDF	<3.0	0.5	0.0	0.74	1.5	1.5
1,2,3,7,8-PeCDD	<3.0	0.5	0.0	0.74	1.5	1.5
1,2,3,4,7,8-HxCDF	3.9	0.1	0.39	0.39	0.39	0.30
1,2,3,6,7,8-HxCDF	3.5	0.1	0.35	0.35	0.35	0.30
2,3,4,6,7,8-HxCDF	4.4	0.1	0.44	0.44	0.44	0.30
1,2,3,7,8,9-HxCDF	<3.0	0.1	0.0	0.15	0.30	0.30
1,2,3,4,7,8-HxCDD	<3.0	0.1	0.0	0.15	0.30	0.30
1,2,3,6,7,8-HxCDD	4.5	0.1	0.45	0.45	0.45	0.30
1,2,3,7,8,9-HxCDD	3.0	0.1	0.30	0.30	0.30	0.30
1,2,3,4,6,7,8-HpCDF	42	0.01	0.42	0.42	0.42	0.049
1,2,3,4,7,8,9-HpCDF	7.2	0.01	0.072	0.072	0.072	0.049
1,2,3,4,6,7,8-HpCDD	83	0.01	0.83	0.83	0.83	0.049
OCDF	90	0.001	0.090	0.090	0.090	0.0099
OCDD	1000	0.001	1.0	1.0	1.0	0.0099
Total			4.4	7.8	11	8.6
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<20	0.0003	0.0	0.0030	0.0059	0.0059
3,3',4,4'-TeCB (PCB #77)	200	0.0001	0.020	0.020	0.020	0.0039
3,3',4,4',5'-PeCB (PCB #126)	13	0.1	1.3	1.3	1.3	0.99
3,3',4,4',5,5'-HxCB (PCB #169)	<9.9	0.03	0.0	0.15	0.30	0.30
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<39	0.00003	0.0	0.00059	0.0012	0.0012
2,3',4,4',5'-PeCB (PCB #118)	1700	0.00003	0.052	0.052	0.052	0.012
2,3,4,4',5'-PeCB (PCB #114)	<39	0.00003	0.0	0.00059	0.0012	0.0012
2,3,3',4,4'-PeCB (PCB #105)	690	0.00003	0.021	0.021	0.021	0.0059
2,3',4,4',5,5'-HxCB (PCB #167)	<200	0.00003	0.0	0.0030	0.0059	0.0059
2,3,3',4,4',5'-HxCB (PCB #156)	390	0.00003	0.012	0.012	0.012	0.0059
2,3,3',4,4',5'-HxCB (PCB #157)	61	0.00003	0.0018	0.0018	0.0018	0.0012
2,3,3',4,4',5,5'-HpCB (PCB #189)	55	0.00003	0.0017	0.0017	0.0017	0.0012
Total			1.4	1.5	1.7	1.3
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.040			Date of analysis: 05-05-2023			
Your reference: M3			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.7	0.1	0.0	0.13	0.27	0.27
2,3,7,8-TCDD	<2.7	1	0.0	1.3	2.7	2.7
1,2,3,7,8-PeCDF	<2.7	0.05	0.0	0.066	0.13	0.13
2,3,4,7,8-PeCDF	3.3	0.5	1.6	1.6	1.6	1.3
1,2,3,7,8-PeCDD	<2.7	0.5	0.0	0.66	1.3	1.3
1,2,3,4,7,8-HxCDF	3.6	0.1	0.36	0.36	0.36	0.27
1,2,3,6,7,8-HxCDF	3.6	0.1	0.36	0.36	0.36	0.27
2,3,4,6,7,8-HxCDF	4.0	0.1	0.40	0.40	0.40	0.27
1,2,3,7,8,9-HxCDF	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,4,7,8-HxCDD	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,6,7,8-HxCDD	5.2	0.1	0.52	0.52	0.52	0.27
1,2,3,7,8,9-HxCDD	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,4,6,7,8-HpCDF	41	0.01	0.41	0.41	0.41	0.044
1,2,3,4,7,8,9-HpCDF	4.7	0.01	0.047	0.047	0.047	0.044
1,2,3,4,6,7,8-HpCDD	160	0.01	1.6	1.6	1.6	0.044
OCDF	150	0.001	0.15	0.15	0.15	0.0089
OCDD	2300	0.001	2.3	2.3	2.3	0.0089
Total			7.8	10	13	7.7
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	55	0.0003	0.016	0.016	0.016	0.0052
3,3',4,4'-TeCB (PCB #77)	1100	0.0001	0.11	0.11	0.11	0.0034
3,3',4,4',5'-PeCB (PCB #126)	58	0.1	5.8	5.8	5.8	0.86
3,3',4,4',5,5'-HxCB (PCB #169)	<8.6	0.03	0.0	0.13	0.26	0.26
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	120	0.00003	0.0037	0.0037	0.0037	0.0010
2,3',4,4',5'-PeCB (PCB #118)	8700	0.00003	0.26	0.26	0.26	0.010
2,3,4,4',5'-PeCB (PCB #114)	190	0.00003	0.0057	0.0057	0.0057	0.0010
2,3,3',4,4'-PeCB (PCB #105)	4300	0.00003	0.13	0.13	0.13	0.0052
2,3',4,4',5,5'-HxCB (PCB #167)	630	0.00003	0.019	0.019	0.019	0.0052
2,3,3',4,4',5'-HxCB (PCB #156)	1700	0.00003	0.050	0.050	0.050	0.0052
2,3,3',4,4',5'-HxCB (PCB #157)	310	0.00003	0.0093	0.0093	0.0093	0.0010
2,3,3',4,4',5,5'-HpCB (PCB #189)	190	0.00003	0.0056	0.0056	0.0056	0.0010
Total			6.4	6.5	6.7	1.2
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.041			Date of analysis: 05-05-2023			
Your reference: M4			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.2	0.1	0.0	0.16	0.32	0.32
2,3,7,8-TCDD	<3.2	1	0.0	1.6	3.2	3.2
1,2,3,7,8-PeCDF	3.6	0.05	0.18	0.18	0.18	0.16
2,3,4,7,8-PeCDF	3.7	0.5	1.9	1.9	1.9	1.6
1,2,3,7,8-PeCDD	<3.2	0.5	0.0	0.81	1.6	1.6
1,2,3,4,7,8-HxCDF	7.9	0.1	0.79	0.79	0.79	0.32
1,2,3,6,7,8-HxCDF	8.0	0.1	0.80	0.80	0.80	0.32
2,3,4,6,7,8-HxCDF	9.2	0.1	0.92	0.92	0.92	0.32
1,2,3,7,8,9-HxCDF	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,4,7,8-HxCDD	4.0	0.1	0.40	0.40	0.40	0.32
1,2,3,6,7,8-HxCDD	16	0.1	1.6	1.6	1.6	0.32
1,2,3,7,8,9-HxCDD	7.1	0.1	0.71	0.71	0.71	0.32
1,2,3,4,6,7,8-HpCDF	160	0.01	1.6	1.6	1.6	0.054
1,2,3,4,7,8,9-HpCDF	13	0.01	0.13	0.13	0.13	0.054
1,2,3,4,6,7,8-HpCDD	820	0.01	8.2	8.2	8.2	0.054
OCDF	350	0.001	0.35	0.35	0.35	0.011
OCDD	13000 (*)	0.001	13	13	13	0.011
Total			30	33	36	9.4
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<21	0.0003	0.0	0.0032	0.0064	0.0064
3,3',4,4'-TeCB (PCB #77)	460	0.0001	0.046	0.046	0.046	0.0043
3,3',4,4',5'-PeCB (PCB #126)	34	0.1	3.4	3.4	3.4	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.32	0.32
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	100	0.00003	0.0031	0.0031	0.0031	0.0013
2,3',4,4',5'-PeCB (PCB #118)	4900	0.00003	0.15	0.15	0.15	0.013
2,3,4,4',5'-PeCB (PCB #114)	120	0.00003	0.0035	0.0035	0.0035	0.0013
2,3,3',4,4'-PeCB (PCB #105)	2300	0.00003	0.068	0.068	0.068	0.0064
2,3',4,4',5,5'-HxCB (PCB #167)	410	0.00003	0.012	0.012	0.012	0.0064
2,3,3',4,4',5'-HxCB (PCB #156)	980	0.00003	0.029	0.029	0.029	0.0064
2,3,3',4,4',5'-HxCB (PCB #157)	190	0.00003	0.0056	0.0056	0.0056	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	97	0.00003	0.0029	0.0029	0.0029	0.0013
Total			3.7	3.8	4.0	1.4
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.042			Date of analysis: 05-05-2023			
Your reference: M1			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.9	0.1	0.0	0.14	0.29	0.29
2,3,7,8-TCDD	<2.9	1	0.0	1.4	2.9	2.9
1,2,3,7,8-PeCDF	<2.9	0.05	0.0	0.071	0.14	0.14
2,3,4,7,8-PeCDF	<2.9	0.5	0.0	0.71	1.4	1.4
1,2,3,7,8-PeCDD	<2.9	0.5	0.0	0.71	1.4	1.4
1,2,3,4,7,8-HxCDF	3.6	0.1	0.36	0.36	0.36	0.29
1,2,3,6,7,8-HxCDF	3.1	0.1	0.31	0.31	0.31	0.29
2,3,4,6,7,8-HxCDF	3.4	0.1	0.34	0.34	0.34	0.29
1,2,3,7,8,9-HxCDF	<2.9	0.1	0.0	0.14	0.29	0.29
1,2,3,4,7,8-HxCDD	<2.9	0.1	0.0	0.14	0.29	0.29
1,2,3,6,7,8-HxCDD	3.9	0.1	0.39	0.39	0.39	0.29
1,2,3,7,8,9-HxCDD	<2.9	0.1	0.0	0.14	0.29	0.29
1,2,3,4,6,7,8-HpCDF	36	0.01	0.36	0.36	0.36	0.048
1,2,3,4,7,8,9-HpCDF	5.1	0.01	0.051	0.051	0.051	0.048
1,2,3,4,6,7,8-HpCDD	71	0.01	0.71	0.71	0.71	0.048
OCDF	79	0.001	0.079	0.079	0.079	0.0095
OCDD	630	0.001	0.63	0.63	0.63	0.0095
Total			3.2	6.7	10	8.3
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	27	0.0003	0.0081	0.0081	0.0081	0.0057
3,3',4,4'-TeCB (PCB #77)	690	0.0001	0.069	0.069	0.069	0.0038
3,3',4,4',5'-PeCB (PCB #126)	33	0.1	3.3	3.3	3.3	0.95
3,3',4,4',5,5'-HxCB (PCB #169)	<9.5	0.03	0.0	0.14	0.29	0.29
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	76	0.00003	0.0023	0.0023	0.0023	0.0011
2,3',4,4',5'-PeCB (PCB #118)	4500	0.00003	0.14	0.14	0.14	0.011
2,3,4,4',5'-PeCB (PCB #114)	110	0.00003	0.0032	0.0032	0.0032	0.0011
2,3,3',4,4'-PeCB (PCB #105)	2300	0.00003	0.069	0.069	0.069	0.0057
2,3',4,4',5,5'-HxCB (PCB #167)	270	0.00003	0.0081	0.0081	0.0081	0.0057
2,3,3',4,4',5'-HxCB (PCB #156)	650	0.00003	0.020	0.020	0.020	0.0057
2,3,3',4,4',5'-HxCB (PCB #157)	130	0.00003	0.0040	0.0040	0.0040	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	61	0.00003	0.0018	0.0018	0.0018	0.0011
Total			3.6	3.7	3.9	1.3
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1
Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.

Sample identification : IAC23-04096.043

Date of analysis: 05-05-2023

Your reference: M6

 Date of sampling: *unknown*

 Sampled by: *Third party*

Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.6	0.1	0.0	0.13	0.26	0.26
2,3,7,8-TCDD	<2.6	1	0.0	1.3	2.6	2.6
1,2,3,7,8-PeCDF	<2.6	0.05	0.0	0.066	0.13	0.13
2,3,4,7,8-PeCDF	2.8	0.5	1.4	1.4	1.4	1.3
1,2,3,7,8-PeCDD	<2.6	0.5	0.0	0.66	1.3	1.3
1,2,3,4,7,8-HxCDF	5.0	0.1	0.50	0.50	0.50	0.26
1,2,3,6,7,8-HxCDF	4.5	0.1	0.45	0.45	0.45	0.26
2,3,4,6,7,8-HxCDF	4.1	0.1	0.41	0.41	0.41	0.26
1,2,3,7,8,9-HxCDF	<2.6	0.1	0.0	0.13	0.26	0.26
1,2,3,4,7,8-HxCDD	<2.6	0.1	0.0	0.13	0.26	0.26
1,2,3,6,7,8-HxCDD	8.6	0.1	0.86	0.86	0.86	0.26
1,2,3,7,8,9-HxCDD	3.9	0.1	0.39	0.39	0.39	0.26
1,2,3,4,6,7,8-HpCDF	66	0.01	0.66	0.66	0.66	0.044
1,2,3,4,7,8,9-HpCDF	5.1	0.01	0.051	0.051	0.051	0.044
1,2,3,4,6,7,8-HpCDD	610	0.01	6.1	6.1	6.1	0.044
OCDF	170	0.001	0.17	0.17	0.17	0.0088
OCDD	8300	0.001	8.3	8.3	8.3	0.0088
Total			19	22	24	7.7
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<18	0.0003	0.0	0.0026	0.0053	0.0053
3,3',4,4'-TeCB (PCB #77)	230	0.0001	0.023	0.023	0.023	0.0035
3,3',4,4',5'-PeCB (PCB #126)	37	0.1	3.7	3.7	3.7	0.88
3,3',4,4',5,5'-HxCB (PCB #169)	<8.8	0.03	0.0	0.13	0.26	0.26
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	55	0.00003	0.0017	0.0017	0.0017	0.0011
2,3',4,4',5'-PeCB (PCB #118)	4700	0.00003	0.14	0.14	0.14	0.011
2,3,4,4',5'-PeCB (PCB #114)	88	0.00003	0.0026	0.0026	0.0026	0.0011
2,3,3',4,4'-PeCB (PCB #105)	1700	0.00003	0.050	0.050	0.050	0.0053
2,3',4,4',5,5'-HxCB (PCB #167)	620	0.00003	0.019	0.019	0.019	0.0053
2,3,3',4,4',5'-HxCB (PCB #156)	1300	0.00003	0.039	0.039	0.039	0.0053
2,3,3',4,4',5'-HxCB (PCB #157)	170	0.00003	0.0052	0.0052	0.0052	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	220	0.00003	0.0065	0.0065	0.0065	0.0011
Total			3.9	4.1	4.2	1.2
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.044			Date of analysis: 05-05-2023			
Your reference: M7			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.0	0.1	0.0	0.15	0.30	0.30
2,3,7,8-TCDD	<3.0	1	0.0	1.5	3.0	3.0
1,2,3,7,8-PeCDF	<3.0	0.05	0.0	0.076	0.15	0.15
2,3,4,7,8-PeCDF	<3.0	0.5	0.0	0.76	1.5	1.5
1,2,3,7,8-PeCDD	<3.0	0.5	0.0	0.76	1.5	1.5
1,2,3,4,7,8-HxCDF	<3.0	0.1	0.0	0.15	0.30	0.30
1,2,3,6,7,8-HxCDF	<3.0	0.1	0.0	0.15	0.30	0.30
2,3,4,6,7,8-HxCDF	<3.0	0.1	0.0	0.15	0.30	0.30
1,2,3,7,8,9-HxCDF	<3.0	0.1	0.0	0.15	0.30	0.30
1,2,3,4,7,8-HxCDD	<3.0	0.1	0.0	0.15	0.30	0.30
1,2,3,6,7,8-HxCDD	5.0	0.1	0.50	0.50	0.50	0.30
1,2,3,7,8,9-HxCDD	<3.0	0.1	0.0	0.15	0.30	0.30
1,2,3,4,6,7,8-HpCDF	30	0.01	0.30	0.30	0.30	0.051
1,2,3,4,7,8,9-HpCDF	<5.1	0.01	0.0	0.025	0.051	0.051
1,2,3,4,6,7,8-HpCDD	420	0.01	4.2	4.2	4.2	0.051
OCDF	89	0.001	0.089	0.089	0.089	0.010
OCDD	6100	0.001	6.1	6.1	6.1	0.010
Total			11	15	20	8.8
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<20	0.0003	0.0	0.0030	0.0061	0.0061
3,3',4,4'-TeCB (PCB #77)	170	0.0001	0.017	0.017	0.017	0.0041
3,3',4,4',5'-PeCB (PCB #126)	11	0.1	1.1	1.1	1.1	1.0
3,3',4,4',5,5'-HxCB (PCB #169)	<10	0.03	0.0	0.15	0.30	0.30
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	63	0.00003	0.0019	0.0019	0.0019	0.0012
2,3',4,4',5'-PeCB (PCB #118)	3300	0.00003	0.099	0.099	0.099	0.012
2,3,4,4',5'-PeCB (PCB #114)	77	0.00003	0.0023	0.0023	0.0023	0.0012
2,3,3',4,4'-PeCB (PCB #105)	1300	0.00003	0.039	0.039	0.039	0.0061
2,3',4,4',5,5'-HxCB (PCB #167)	<200	0.00003	0.0	0.0030	0.0061	0.0061
2,3,3',4,4',5'-HxCB (PCB #156)	400	0.00003	0.012	0.012	0.012	0.0061
2,3,3',4,4',5'-HxCB (PCB #157)	79	0.00003	0.0024	0.0024	0.0024	0.0012
2,3,3',4,4',5,5'-HpCB (PCB #189)	44	0.00003	0.0013	0.0013	0.0013	0.0012
Total			1.3	1.4	1.6	1.4
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.045			Date of analysis: 05-05-2023			
Your reference: M8			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.4	0.1	0.0	0.12	0.24	0.24
2,3,7,8-TCDD	<2.4	1	0.0	1.2	2.4	2.4
1,2,3,7,8-PeCDF	4.0	0.05	0.20	0.20	0.20	0.12
2,3,4,7,8-PeCDF	7.2	0.5	3.6	3.6	3.6	1.2
1,2,3,7,8-PeCDD	<2.4	0.5	0.0	0.61	1.2	1.2
1,2,3,4,7,8-HxCDF	7.5	0.1	0.75	0.75	0.75	0.24
1,2,3,6,7,8-HxCDF	7.1	0.1	0.71	0.71	0.71	0.24
2,3,4,6,7,8-HxCDF	7.3	0.1	0.73	0.73	0.73	0.24
1,2,3,7,8,9-HxCDF	<2.4	0.1	0.0	0.12	0.24	0.24
1,2,3,4,7,8-HxCDD	4.0	0.1	0.40	0.40	0.40	0.24
1,2,3,6,7,8-HxCDD	9.1	0.1	0.91	0.91	0.91	0.24
1,2,3,7,8,9-HxCDD	6.1	0.1	0.61	0.61	0.61	0.24
1,2,3,4,6,7,8-HpCDF	79	0.01	0.79	0.79	0.79	0.040
1,2,3,4,7,8,9-HpCDF	7.1	0.01	0.071	0.071	0.071	0.040
1,2,3,4,6,7,8-HpCDD	310	0.01	3.1	3.1	3.1	0.040
OCDF	190	0.001	0.19	0.19	0.19	0.0081
OCDD	4100	0.001	4.1	4.1	4.1	0.0081
Total			16	18	20	7.1
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<16	0.0003	0.0	0.0024	0.0049	0.0049
3,3',4,4'-TeCB (PCB #77)	220	0.0001	0.022	0.022	0.022	0.0032
3,3',4,4',5'-PeCB (PCB #126)	13	0.1	1.3	1.3	1.3	0.81
3,3',4,4',5,5'-HxCB (PCB #169)	<8.1	0.03	0.0	0.12	0.24	0.24
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	53	0.00003	0.0016	0.0016	0.0016	0.00097
2,3',4,4',5'-PeCB (PCB #118)	3400	0.00003	0.10	0.10	0.10	0.0097
2,3,4,4',5'-PeCB (PCB #114)	84	0.00003	0.0025	0.0025	0.0025	0.00097
2,3,3',4,4'-PeCB (PCB #105)	1400	0.00003	0.041	0.041	0.041	0.0049
2,3',4,4',5,5'-HxCB (PCB #167)	300	0.00003	0.0089	0.0089	0.0089	0.0049
2,3,3',4,4',5'-HxCB (PCB #156)	690	0.00003	0.021	0.021	0.021	0.0049
2,3,3',4,4',5'-HxCB (PCB #157)	100	0.00003	0.0031	0.0031	0.0031	0.00097
2,3,3',4,4',5,5'-HpCB (PCB #189)	88	0.00003	0.0026	0.0026	0.0026	0.00097
Total			1.5	1.6	1.8	1.1
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted.						
The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.046			Date of analysis: 05-05-2023			
Your reference: M5			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<2.7	0.1	0.0	0.13	0.27	0.27
2,3,7,8-TCDD	<2.7	1	0.0	1.3	2.7	2.7
1,2,3,7,8-PeCDF	<2.7	0.05	0.0	0.067	0.13	0.13
2,3,4,7,8-PeCDF	<2.7	0.5	0.0	0.67	1.3	1.3
1,2,3,7,8-PeCDD	<2.7	0.5	0.0	0.67	1.3	1.3
1,2,3,4,7,8-HxCDF	3.5	0.1	0.35	0.35	0.35	0.27
1,2,3,6,7,8-HxCDF	<2.7	0.1	0.0	0.13	0.27	0.27
2,3,4,6,7,8-HxCDF	3.9	0.1	0.39	0.39	0.39	0.27
1,2,3,7,8,9-HxCDF	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,4,7,8-HxCDD	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,6,7,8-HxCDD	<2.7	0.1	0.0	0.13	0.27	0.27
1,2,3,7,8,9-HxCDD	2.9	0.1	0.29	0.29	0.29	0.27
1,2,3,4,6,7,8-HpCDF	34	0.01	0.34	0.34	0.34	0.045
1,2,3,4,7,8,9-HpCDF	<4.5	0.01	0.0	0.022	0.045	0.045
1,2,3,4,6,7,8-HpCDD	68	0.01	0.68	0.68	0.68	0.045
OCDF	67	0.001	0.067	0.067	0.067	0.0090
OCDD	820	0.001	0.82	0.82	0.82	0.0090
Total			2.9	6.4	9.8	7.8
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<18	0.0003	0.0	0.0027	0.0054	0.0054
3,3',4,4'-TeCB (PCB #77)	47	0.0001	0.0047	0.0047	0.0047	0.0036
3,3',4,4',5'-PeCB (PCB #126)	<9.0	0.1	0.0	0.45	0.90	0.90
3,3',4,4',5,5'-HxCB (PCB #169)	<9.0	0.03	0.0	0.13	0.27	0.27
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<36	0.00003	0.0	0.00054	0.0011	0.0011
2,3',4,4',5'-PeCB (PCB #118)	740	0.00003	0.022	0.022	0.022	0.011
2,3,4,4',5'-PeCB (PCB #114)	<36	0.00003	0.0	0.00054	0.0011	0.0011
2,3,3',4,4'-PeCB (PCB #105)	280	0.00003	0.0085	0.0085	0.0085	0.0054
2,3',4,4',5,5'-HxCB (PCB #167)	<180	0.00003	0.0	0.0027	0.0054	0.0054
2,3,3',4,4',5'-HxCB (PCB #156)	<180	0.00003	0.0	0.0027	0.0054	0.0054
2,3,3',4,4',5'-HxCB (PCB #157)	<36	0.00003	0.0	0.00054	0.0011	0.0011
2,3,3',4,4',5,5'-HpCB (PCB #189)	<36	0.00003	0.0	0.00054	0.0011	0.0011
Total			0.036	0.63	1.2	1.2
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.047			Date of analysis: 05-05-2023			
Your reference: M10			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.2	0.1	0.0	0.16	0.32	0.32
2,3,7,8-TCDD	<3.2	1	0.0	1.6	3.2	3.2
1,2,3,7,8-PeCDF	<3.2	0.05	0.0	0.079	0.16	0.16
2,3,4,7,8-PeCDF	<3.2	0.5	0.0	0.79	1.6	1.6
1,2,3,7,8-PeCDD	<3.2	0.5	0.0	0.79	1.6	1.6
1,2,3,4,7,8-HxCDF	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,6,7,8-HxCDF	<3.2	0.1	0.0	0.16	0.32	0.32
2,3,4,6,7,8-HxCDF	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,7,8,9-HxCDF	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,4,7,8-HxCDD	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,6,7,8-HxCDD	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,7,8,9-HxCDD	<3.2	0.1	0.0	0.16	0.32	0.32
1,2,3,4,6,7,8-HpCDF	<21	0.01	0.0	0.11	0.21	0.21
1,2,3,4,7,8,9-HpCDF	<5.3	0.01	0.0	0.026	0.053	0.053
1,2,3,4,6,7,8-HpCDD	23	0.01	0.23	0.23	0.23	0.053
OCDF	28	0.001	0.028	0.028	0.028	0.011
OCDD	230	0.001	0.23	0.23	0.23	0.011
Total			0.49	5.1	9.8	9.4
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<21	0.0003	0.0	0.0032	0.0064	0.0064
3,3',4,4'-TeCB (PCB #77)	52	0.0001	0.0052	0.0052	0.0052	0.0042
3,3',4,4',5'-PeCB (PCB #126)	<11	0.1	0.0	0.53	1.1	1.1
3,3',4,4',5,5'-HxCB (PCB #169)	<11	0.03	0.0	0.16	0.32	0.32
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	80	0.00003	0.0024	0.0024	0.0024	0.0013
2,3',4,4',5'-PeCB (PCB #118)	4300	0.00003	0.13	0.13	0.13	0.013
2,3,4,4',5'-PeCB (PCB #114)	100	0.00003	0.0031	0.0031	0.0031	0.0013
2,3,3',4,4'-PeCB (PCB #105)	2200	0.00003	0.067	0.067	0.067	0.0064
2,3',4,4',5,5'-HxCB (PCB #167)	<210	0.00003	0.0	0.0032	0.0064	0.0064
2,3,3',4,4',5'-HxCB (PCB #156)	300	0.00003	0.0090	0.0090	0.0090	0.0064
2,3,3',4,4',5'-HxCB (PCB #157)	68	0.00003	0.0020	0.0020	0.0020	0.0013
2,3,3',4,4',5,5'-HpCB (PCB #189)	<42	0.00003	0.0	0.00064	0.0013	0.0013
Total			0.22	0.91	1.6	1.4
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.048			Date of analysis: 05-05-2023			
Your reference: M11			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.5	0.1	0.0	0.17	0.35	0.35
2,3,7,8-TCDD	<3.5	1	0.0	1.7	3.5	3.5
1,2,3,7,8-PeCDF	<3.5	0.05	0.0	0.087	0.17	0.17
2,3,4,7,8-PeCDF	<3.5	0.5	0.0	0.87	1.7	1.7
1,2,3,7,8-PeCDD	<3.5	0.5	0.0	0.87	1.7	1.7
1,2,3,4,7,8-HxCDF	<3.5	0.1	0.0	0.17	0.35	0.35
1,2,3,6,7,8-HxCDF	<3.5	0.1	0.0	0.17	0.35	0.35
2,3,4,6,7,8-HxCDF	<3.5	0.1	0.0	0.17	0.35	0.35
1,2,3,7,8,9-HxCDF	<3.5	0.1	0.0	0.17	0.35	0.35
1,2,3,4,7,8-HxCDD	<3.5	0.1	0.0	0.17	0.35	0.35
1,2,3,6,7,8-HxCDD	5.0	0.1	0.50	0.50	0.50	0.35
1,2,3,7,8,9-HxCDD	<3.5	0.1	0.0	0.17	0.35	0.35
1,2,3,4,6,7,8-HpCDF	39	0.01	0.39	0.39	0.39	0.058
1,2,3,4,7,8,9-HpCDF	<5.8	0.01	0.0	0.029	0.058	0.058
1,2,3,4,6,7,8-HpCDD	180	0.01	1.8	1.8	1.8	0.058
OCDF	110	0.001	0.11	0.11	0.11	0.012
OCDD	1700	0.001	1.7	1.7	1.7	0.012
Total			4.4	9.2	14	10
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<23	0.0003	0.0	0.0035	0.0069	0.0069
3,3',4,4'-TeCB (PCB #77)	65	0.0001	0.0065	0.0065	0.0065	0.0046
3,3',4,4',5'-PeCB (PCB #126)	<12	0.1	0.0	0.58	1.2	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.17	0.35	0.35
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<46	0.00003	0.0	0.00069	0.0014	0.0014
2,3',4,4',5'-PeCB (PCB #118)	1100	0.00003	0.032	0.032	0.032	0.014
2,3,4,4',5'-PeCB (PCB #114)	<46	0.00003	0.0	0.00069	0.0014	0.0014
2,3,3',4,4'-PeCB (PCB #105)	410	0.00003	0.012	0.012	0.012	0.0069
2,3',4,4',5,5'-HxCB (PCB #167)	<230	0.00003	0.0	0.0035	0.0069	0.0069
2,3,3',4,4',5'-HxCB (PCB #156)	<230	0.00003	0.0	0.0035	0.0069	0.0069
2,3,3',4,4',5'-HxCB (PCB #157)	<46	0.00003	0.0	0.00069	0.0014	0.0014
2,3,3',4,4',5,5'-HpCB (PCB #189)	<46	0.00003	0.0	0.00069	0.0014	0.0014
Total			0.051	0.81	1.6	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.049			Date of analysis: 05-05-2023			
Your reference: M12			Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>			
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	<3.7	0.1	0.0	0.18	0.37	0.37
2,3,7,8-TCDD	<3.7	1	0.0	1.8	3.7	3.7
1,2,3,7,8-PeCDF	<3.7	0.05	0.0	0.092	0.18	0.18
2,3,4,7,8-PeCDF	<3.7	0.5	0.0	0.92	1.8	1.8
1,2,3,7,8-PeCDD	<3.7	0.5	0.0	0.92	1.8	1.8
1,2,3,4,7,8-HxCDF	<3.7	0.1	0.0	0.18	0.37	0.37
1,2,3,6,7,8-HxCDF	<3.7	0.1	0.0	0.18	0.37	0.37
2,3,4,6,7,8-HxCDF	<3.7	0.1	0.0	0.18	0.37	0.37
1,2,3,7,8,9-HxCDF	<3.7	0.1	0.0	0.18	0.37	0.37
1,2,3,4,7,8-HxCDD	<3.7	0.1	0.0	0.18	0.37	0.37
1,2,3,6,7,8-HxCDD	<3.7	0.1	0.0	0.18	0.37	0.37
1,2,3,7,8,9-HxCDD	<3.7	0.1	0.0	0.18	0.37	0.37
1,2,3,4,6,7,8-HpCDF	33	0.01	0.33	0.33	0.33	0.061
1,2,3,4,7,8,9-HpCDF	<6.1	0.01	0.0	0.031	0.061	0.061
1,2,3,4,6,7,8-HpCDD	99	0.01	0.99	0.99	0.99	0.061
OCDF	64	0.001	0.064	0.064	0.064	0.012
OCDD	1200	0.001	1.2	1.2	1.2	0.012
Total			2.6	7.8	13	11
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	<24	0.0003	0.0	0.0037	0.0073	0.0073
3,3',4,4'-TeCB (PCB #77)	100	0.0001	0.010	0.010	0.010	0.0049
3,3',4,4',5'-PeCB (PCB #126)	<12	0.1	0.0	0.61	1.2	1.2
3,3',4,4',5,5'-HxCB (PCB #169)	<12	0.03	0.0	0.18	0.37	0.37
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	<49	0.00003	0.0	0.00073	0.0015	0.0015
2,3',4,4',5'-PeCB (PCB #118)	1500	0.00003	0.045	0.045	0.045	0.015
2,3,4,4',5'-PeCB (PCB #114)	<49	0.00003	0.0	0.00073	0.0015	0.0015
2,3,3',4,4'-PeCB (PCB #105)	530	0.00003	0.016	0.016	0.016	0.0073
2,3',4,4',5,5'-HxCB (PCB #167)	<240	0.00003	0.0	0.0037	0.0073	0.0073
2,3,3',4,4',5'-HxCB (PCB #156)	280	0.00003	0.0083	0.0083	0.0083	0.0073
2,3,3',4,4',5'-HxCB (PCB #157)	<49	0.00003	0.0	0.00073	0.0015	0.0015
2,3,3',4,4',5,5'-HpCB (PCB #189)	<49	0.00003	0.0	0.00073	0.0015	0.0015
Total			0.080	0.88	1.7	1.6
The TEQ values have been calculated using the toxicity equivalence factors according to J .A. van Zorge et al. (Chemosphere 19 (1989), 1881-1895).						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Determination of 2,3,7,8-substituted PCDFs and PCDDS and Dioxin-Like PCBs.						
Sample identification : IAC23-04096.050						
Your reference: M9				Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	WHO-TEF	WHO-TEQ (ng/kg) Lowerbound	WHO-TEQ (ng/kg) Middlebound	WHO-TEQ (ng/kg) Upperbound	WHO-TEQ (ng/kg) Reporting Limit
2,3,7,8-TCDF	N.A.					
2,3,7,8-TCDD	N.A.					
1,2,3,7,8-PeCDF	N.A.					
2,3,4,7,8-PeCDF	N.A.					
1,2,3,7,8-PeCDD	N.A.					
1,2,3,4,7,8-HxCDF	N.A.					
1,2,3,6,7,8-HxCDF	N.A.					
2,3,4,6,7,8-HxCDF	N.A.					
1,2,3,7,8,9-HxCDF	N.A.					
1,2,3,4,7,8-HxCDD	N.A.					
1,2,3,6,7,8-HxCDD	N.A.					
1,2,3,7,8,9-HxCDD	N.A.					
1,2,3,4,6,7,8-HpCDF	N.A.					
1,2,3,4,7,8,9-HpCDF	N.A.					
1,2,3,4,6,7,8-HpCDD	N.A.					
OCDF	N.A.					
OCDD	N.A.					
Total						
Non-ortho PCBs						
3,4,4',5'-TeCB (PCB #81)	N.A.					
3,3',4,4'-TeCB (PCB #77)	N.A.					
3,3',4,4',5'-PeCB (PCB #126)	N.A.					
3,3',4,4',5,5'-HxCB (PCB #169)	N.A.					
Mono-ortho PCBs						
2',3,4,4',5'-PeCB (PCB #123)	N.A.					
2,3',4,4',5'-PeCB (PCB #118)	N.A.					
2,3,4,4',5'-PeCB (PCB #114)	N.A.					
2,3,3',4,4'-PeCB (PCB #105)	N.A.					
2,3',4,4',5,5'-HxCB (PCB #167)	N.A.					
2,3,3',4,4',5'-HxCB (PCB #156)	N.A.					
2,3,3',4,4',5'-HxCB (PCB #157)	N.A.					
2,3,3',4,4',5,5'-HpCB (PCB #189)	N.A.					
Total						
The measurement uncertainty has been determined and is available in the laboratory. On request, the data will be transmitted. The RSD of the control sample is less than 10%.						

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.001	
Your reference: C5	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	61.9
13C-2,3,7,8-TCDD	78.5
13C-1,2,3,7,8-PeCDF	79.4
13C-2,3,4,7,8-PeCDF	49.0
13C-1,2,3,7,8-PeCDD	101
13C-1,2,3,4,7,8-HxCDF	48.4
13C-1,2,3,6,7,8-HxCDF	81.3
13C-2,3,4,6,7,8-HxCDF	25.9 (**)
13C-1,2,3,7,8,9-HxCDF	47.9
13C-1,2,3,4,7,8-HxCDD	43.0
13C-1,2,3,6,7,8-HxCDD	81.3
13C-1,2,3,4,6,7,8-HpCDF	87.1
13C-1,2,3,4,7,8,9-HpCDF	40.1
13C-1,2,3,4,6,7,8-HpCDD	83.6
13C-OCDF	26.0 (**)
13C-OCDD	68.8
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	58.7
13C-3,3',4,4-TeCB (PCB #77)	58.5
13C-3,3',4,4',5-PeCB (PCB #126)	50.6
13C-3,3',4,4',5,5'-HxCB (PCB #169)	55.6
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	71.1
13C-2,3',4,4',5-PeCB (PCB #118)	69.4
13C-2,3,4,4',5-PeCB (PCB #114)	60.6
13C-2,3,3',4,4'-PeCB (PCB #105)	59.5
13C-2,3',4,4',5,5'-HxCB (PCB #167)	49.3
13C-2,3,3',4,4',5-HxCB (PCB #156)	45.3
13C-2,3,3',4,4',5-HxCB (PCB #157)	45.5
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	48.0

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.002	
Your reference: C3	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	84.6
13C-2,3,7,8-TCDD	89.5
13C-1,2,3,7,8-PeCDF	78.7
13C-2,3,4,7,8-PeCDF	80.2
13C-1,2,3,7,8-PeCDD	114
13C-1,2,3,4,7,8-HxCDF	81.9
13C-1,2,3,6,7,8-HxCDF	82.0
13C-2,3,4,6,7,8-HxCDF	107
13C-1,2,3,7,8,9-HxCDF	73.9
13C-1,2,3,4,7,8-HxCDD	77.0
13C-1,2,3,6,7,8-HxCDD	83.9
13C-1,2,3,4,6,7,8-HpCDF	59.9
13C-1,2,3,4,7,8,9-HpCDF	50.9
13C-1,2,3,4,6,7,8-HpCDD	61.5
13C-OCDF	49.0
13C-OCDD	55.4
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	94.1
13C-3,3',4,4-TeCB (PCB #77)	90.4
13C-3,3',4,4',5-PeCB (PCB #126)	83.2
13C-3,3',4,4',5,5'-HxCB (PCB #169)	86.6
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	115
13C-2,3',4,4',5-PeCB (PCB #118)	107
13C-2,3,4,4',5-PeCB (PCB #114)	89.6
13C-2,3,3',4,4'-PeCB (PCB #105)	99.5
13C-2,3',4,4',5,5'-HxCB (PCB #167)	79.3
13C-2,3,3',4,4',5-HxCB (PCB #156)	72.4
13C-2,3,3',4,4',5-HxCB (PCB #157)	72.1
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	71.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.003	
Your reference: C6	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	72.6
13C-2,3,7,8-TCDD	67.0
13C-1,2,3,7,8-PeCDF	66.4
13C-2,3,4,7,8-PeCDF	54.8
13C-1,2,3,7,8-PeCDD	62.8
13C-1,2,3,4,7,8-HxCDF	84.8
13C-1,2,3,6,7,8-HxCDF	87.0
13C-2,3,4,6,7,8-HxCDF	78.8
13C-1,2,3,7,8,9-HxCDF	73.7
13C-1,2,3,4,7,8-HxCDD	81.6
13C-1,2,3,6,7,8-HxCDD	82.9
13C-1,2,3,4,6,7,8-HpCDF	67.4
13C-1,2,3,4,7,8,9-HpCDF	49.1
13C-1,2,3,4,6,7,8-HpCDD	71.6
13C-OCDF	54.2
13C-OCDD	64.0
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	95.0
13C-3,3',4,4-TeCB (PCB #77)	96.0
13C-3,3',4,4',5-PeCB (PCB #126)	88.4
13C-3,3',4,4',5,5'-HxCB (PCB #169)	90.3
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	109
13C-2,3',4,4',5-PeCB (PCB #118)	102
13C-2,3,4,4',5-PeCB (PCB #114)	89.9
13C-2,3,3',4,4'-PeCB (PCB #105)	80.0
13C-2,3',4,4',5,5'-HxCB (PCB #167)	91.4
13C-2,3,3',4,4',5-HxCB (PCB #156)	82.8
13C-2,3,3',4,4',5-HxCB (PCB #157)	81.2
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	69.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.004	
Your reference: C8	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	73.6
13C-2,3,7,8-TCDD	60.5
13C-1,2,3,7,8-PeCDF	48.9
13C-2,3,4,7,8-PeCDF	45.9
13C-1,2,3,7,8-PeCDD	43.7
13C-1,2,3,4,7,8-HxCDF	61.9
13C-1,2,3,6,7,8-HxCDF	60.2
13C-2,3,4,6,7,8-HxCDF	57.5
13C-1,2,3,7,8,9-HxCDF	66.2
13C-1,2,3,4,7,8-HxCDD	57.6
13C-1,2,3,6,7,8-HxCDD	76.1
13C-1,2,3,4,6,7,8-HpCDF	65.2
13C-1,2,3,4,7,8,9-HpCDF	36.4
13C-1,2,3,4,6,7,8-HpCDD	55.9
13C-OCDF	39.3
13C-OCDD	49.1
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	74.3
13C-3,3',4,4-TeCB (PCB #77)	73.0
13C-3,3',4,4',5-PeCB (PCB #126)	72.4
13C-3,3',4,4',5,5'-HxCB (PCB #169)	71.5
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	81.9
13C-2,3',4,4',5-PeCB (PCB #118)	75.4
13C-2,3,4,4',5-PeCB (PCB #114)	67.6
13C-2,3,3',4,4'-PeCB (PCB #105)	62.0
13C-2,3',4,4',5,5'-HxCB (PCB #167)	70.6
13C-2,3,3',4,4',5-HxCB (PCB #156)	64.3
13C-2,3,3',4,4',5-HxCB (PCB #157)	64.7
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	53.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.005	
Your reference: C11	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	79.2
13C-2,3,7,8-TCDD	65.3
13C-1,2,3,7,8-PeCDF	55.0
13C-2,3,4,7,8-PeCDF	45.6
13C-1,2,3,7,8-PeCDD	52.9
13C-1,2,3,4,7,8-HxCDF	100
13C-1,2,3,6,7,8-HxCDF	81.1
13C-2,3,4,6,7,8-HxCDF	83.8
13C-1,2,3,7,8,9-HxCDF	74.3
13C-1,2,3,4,7,8-HxCDD	84.2
13C-1,2,3,6,7,8-HxCDD	90.0
13C-1,2,3,4,6,7,8-HpCDF	47.9
13C-1,2,3,4,7,8,9-HpCDF	41.8
13C-1,2,3,4,6,7,8-HpCDD	49.1
13C-OCDF	40.3
13C-OCDD	41.9
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	89.1
13C-3,3',4,4-TeCB (PCB #77)	85.3
13C-3,3',4,4',5-PeCB (PCB #126)	93.0
13C-3,3',4,4',5,5'-HxCB (PCB #169)	91.6
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	101
13C-2,3',4,4',5-PeCB (PCB #118)	94.9
13C-2,3,4,4',5-PeCB (PCB #114)	91.1
13C-2,3,3',4,4'-PeCB (PCB #105)	90.3
13C-2,3',4,4',5,5'-HxCB (PCB #167)	92.0
13C-2,3,3',4,4',5-HxCB (PCB #156)	80.0
13C-2,3,3',4,4',5-HxCB (PCB #157)	81.9
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	75.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.006	
Your reference: A2	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	80.3
13C-2,3,7,8-TCDD	65.7
13C-1,2,3,7,8-PeCDF	51.3
13C-2,3,4,7,8-PeCDF	49.3
13C-1,2,3,7,8-PeCDD	52.6
13C-1,2,3,4,7,8-HxCDF	78.8
13C-1,2,3,6,7,8-HxCDF	75.8
13C-2,3,4,6,7,8-HxCDF	69.0
13C-1,2,3,7,8,9-HxCDF	64.5
13C-1,2,3,4,7,8-HxCDD	67.6
13C-1,2,3,6,7,8-HxCDD	92.9
13C-1,2,3,4,6,7,8-HpCDF	56.0
13C-1,2,3,4,7,8,9-HpCDF	32.1
13C-1,2,3,4,6,7,8-HpCDD	57.8
13C-OCDF	37.0
13C-OCDD	47.0
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	97.8
13C-3,3',4,4-TeCB (PCB #77)	98.1
13C-3,3',4,4',5-PeCB (PCB #126)	105
13C-3,3',4,4',5,5'-HxCB (PCB #169)	108
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	107
13C-2,3',4,4',5-PeCB (PCB #118)	101
13C-2,3,4,4',5-PeCB (PCB #114)	90.8
13C-2,3,3',4,4'-PeCB (PCB #105)	91.0
13C-2,3',4,4',5,5'-HxCB (PCB #167)	102
13C-2,3,3',4,4',5-HxCB (PCB #156)	87.2
13C-2,3,3',4,4',5-HxCB (PCB #157)	91.6
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	77.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.007	
Your reference: A3	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	N.A.
13C-2,3,7,8-TCDD	N.A.
13C-1,2,3,7,8-PeCDF	N.A.
13C-2,3,4,7,8-PeCDF	N.A.
13C-1,2,3,7,8-PeCDD	N.A.
13C-1,2,3,4,7,8-HxCDF	N.A.
13C-1,2,3,6,7,8-HxCDF	N.A.
13C-2,3,4,6,7,8-HxCDF	N.A.
13C-1,2,3,7,8,9-HxCDF	N.A.
13C-1,2,3,4,7,8-HxCDD	N.A.
13C-1,2,3,6,7,8-HxCDD	N.A.
13C-1,2,3,4,6,7,8-HpCDF	N.A.
13C-1,2,3,4,7,8,9-HpCDF	N.A.
13C-1,2,3,4,6,7,8-HpCDD	N.A.
13C-OCDF	N.A.
13C-OCDD	N.A.
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	N.A.
13C-3,3',4,4-TeCB (PCB #77)	N.A.
13C-3,3',4,4',5-PeCB (PCB #126)	N.A.
13C-3,3',4,4',5,5'-HxCB (PCB #169)	N.A.
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	N.A.
13C-2,3',4,4',5-PeCB (PCB #118)	N.A.
13C-2,3,4,4',5-PeCB (PCB #114)	N.A.
13C-2,3,3',4,4'-PeCB (PCB #105)	N.A.
13C-2,3',4,4',5,5'-HxCB (PCB #167)	N.A.
13C-2,3,3',4,4',5-HxCB (PCB #156)	N.A.
13C-2,3,3',4,4',5-HxCB (PCB #157)	N.A.
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	N.A.

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.008	
Your reference: A5	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	87.8
13C-2,3,7,8-TCDD	78.7
13C-1,2,3,7,8-PeCDF	74.5
13C-2,3,4,7,8-PeCDF	57.7
13C-1,2,3,7,8-PeCDD	93.2
13C-1,2,3,4,7,8-HxCDF	73.0
13C-1,2,3,6,7,8-HxCDF	118
13C-2,3,4,6,7,8-HxCDF	53.7
13C-1,2,3,7,8,9-HxCDF	48.9
13C-1,2,3,4,7,8-HxCDD	67.5
13C-1,2,3,6,7,8-HxCDD	93.2
13C-1,2,3,4,6,7,8-HpCDF	51.8
13C-1,2,3,4,7,8,9-HpCDF	29.1
13C-1,2,3,4,6,7,8-HpCDD	59.0
13C-OCDF	25.2
13C-OCDD	51.8
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	106
13C-3,3',4,4-TeCB (PCB #77)	108
13C-3,3',4,4',5-PeCB (PCB #126)	104
13C-3,3',4,4',5,5'-HxCB (PCB #169)	106
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	109
13C-2,3',4,4',5-PeCB (PCB #118)	101
13C-2,3,4,4',5-PeCB (PCB #114)	87.9
13C-2,3,3',4,4'-PeCB (PCB #105)	78.1
13C-2,3',4,4',5,5'-HxCB (PCB #167)	102
13C-2,3,3',4,4',5-HxCB (PCB #156)	90.9
13C-2,3,3',4,4',5-HxCB (PCB #157)	90.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	74.6

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.009	
Your reference: A6	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	60.8
13C-2,3,7,8-TCDD	58.5
13C-1,2,3,7,8-PeCDF	62.4
13C-2,3,4,7,8-PeCDF	54.7
13C-1,2,3,7,8-PeCDD	73.8
13C-1,2,3,4,7,8-HxCDF	32.8
13C-1,2,3,6,7,8-HxCDF	41.1
13C-2,3,4,6,7,8-HxCDF	44.4
13C-1,2,3,7,8,9-HxCDF	50.7
13C-1,2,3,4,7,8-HxCDD	44.4
13C-1,2,3,6,7,8-HxCDD	50.4
13C-1,2,3,4,6,7,8-HpCDF	55.7
13C-1,2,3,4,7,8,9-HpCDF	48.8
13C-1,2,3,4,6,7,8-HpCDD	67.7
13C-OCDF	46.9
13C-OCDD	62.7
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	55.0
13C-3,3',4,4-TeCB (PCB #77)	55.0
13C-3,3',4,4',5-PeCB (PCB #126)	41.8
13C-3,3',4,4',5,5'-HxCB (PCB #169)	44.2
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	67.0
13C-2,3',4,4',5-PeCB (PCB #118)	66.1
13C-2,3,4,4',5-PeCB (PCB #114)	57.3
13C-2,3,3',4,4'-PeCB (PCB #105)	55.4
13C-2,3',4,4',5,5'-HxCB (PCB #167)	40.7
13C-2,3,3',4,4',5-HxCB (PCB #156)	36.9
13C-2,3,3',4,4',5-HxCB (PCB #157)	36.7
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	43.7

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.010	
Your reference: A7	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	49.7
13C-2,3,7,8-TCDD	46.7
13C-1,2,3,7,8-PeCDF	49.0
13C-2,3,4,7,8-PeCDF	46.8
13C-1,2,3,7,8-PeCDD	57.3
13C-1,2,3,4,7,8-HxCDF	36.0 (**)
13C-1,2,3,6,7,8-HxCDF	38.3 (**)
13C-2,3,4,6,7,8-HxCDF	35.1 (**)
13C-1,2,3,7,8,9-HxCDF	40.6
13C-1,2,3,4,7,8-HxCDD	40.0
13C-1,2,3,6,7,8-HxCDD	45.0
13C-1,2,3,4,6,7,8-HpCDF	48.6
13C-1,2,3,4,7,8,9-HpCDF	40.3
13C-1,2,3,4,6,7,8-HpCDD	55.8
13C-OCDF	38.5 (**)
13C-OCDD	53.6
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	65.0
13C-3,3',4,4-TeCB (PCB #77)	56.1
13C-3,3',4,4',5-PeCB (PCB #126)	55.7
13C-3,3',4,4',5,5'-HxCB (PCB #169)	58.6
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	68.8
13C-2,3',4,4',5-PeCB (PCB #118)	64.6
13C-2,3,4,4',5-PeCB (PCB #114)	54.7
13C-2,3,3',4,4'-PeCB (PCB #105)	54.1
13C-2,3',4,4',5,5'-HxCB (PCB #167)	60.2
13C-2,3,3',4,4',5-HxCB (PCB #156)	52.7
13C-2,3,3',4,4',5-HxCB (PCB #157)	52.5
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	43.1

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.011	
Your reference: CT1	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	74.5
13C-2,3,7,8-TCDD	73.4
13C-1,2,3,7,8-PeCDF	79.4
13C-2,3,4,7,8-PeCDF	67.2
13C-1,2,3,7,8-PeCDD	91.8
13C-1,2,3,4,7,8-HxCDF	55.9
13C-1,2,3,6,7,8-HxCDF	64.3
13C-2,3,4,6,7,8-HxCDF	51.1
13C-1,2,3,7,8,9-HxCDF	59.6
13C-1,2,3,4,7,8-HxCDD	63.1
13C-1,2,3,6,7,8-HxCDD	77.3
13C-1,2,3,4,6,7,8-HpCDF	87.3
13C-1,2,3,4,7,8,9-HpCDF	72.1
13C-1,2,3,4,6,7,8-HpCDD	100
13C-OCDF	69.1
13C-OCDD	106
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	79.9
13C-3,3',4,4-TeCB (PCB #77)	76.8
13C-3,3',4,4',5-PeCB (PCB #126)	80.8
13C-3,3',4,4',5,5'-HxCB (PCB #169)	81.9
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	92.5
13C-2,3',4,4',5-PeCB (PCB #118)	87.7
13C-2,3,4,4',5-PeCB (PCB #114)	74.5
13C-2,3,3',4,4'-PeCB (PCB #105)	64.3
13C-2,3',4,4',5,5'-HxCB (PCB #167)	92.8
13C-2,3,3',4,4',5-HxCB (PCB #156)	78.6
13C-2,3,3',4,4',5-HxCB (PCB #157)	76.6
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	60.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.012	
Your reference: CT2	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	78.3
13C-2,3,7,8-TCDD	75.8
13C-1,2,3,7,8-PeCDF	85.5
13C-2,3,4,7,8-PeCDF	81.1
13C-1,2,3,7,8-PeCDD	101
13C-1,2,3,4,7,8-HxCDF	56.4
13C-1,2,3,6,7,8-HxCDF	63.7
13C-2,3,4,6,7,8-HxCDF	55.1
13C-1,2,3,7,8,9-HxCDF	62.3
13C-1,2,3,4,7,8-HxCDD	64.4
13C-1,2,3,6,7,8-HxCDD	71.3
13C-1,2,3,4,6,7,8-HpCDF	81.2
13C-1,2,3,4,7,8,9-HpCDF	65.0
13C-1,2,3,4,6,7,8-HpCDD	92.7
13C-OCDF	78.6
13C-OCDD	116
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	61.1
13C-3,3',4,4-TeCB (PCB #77)	60.8
13C-3,3',4,4',5-PeCB (PCB #126)	67.7
13C-3,3',4,4',5,5'-HxCB (PCB #169)	68.6
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	74.0
13C-2,3',4,4',5-PeCB (PCB #118)	70.0
13C-2,3,4,4',5-PeCB (PCB #114)	59.6
13C-2,3,3',4,4'-PeCB (PCB #105)	53.2
13C-2,3',4,4',5,5'-HxCB (PCB #167)	73.4
13C-2,3,3',4,4',5-HxCB (PCB #156)	62.4
13C-2,3,3',4,4',5-HxCB (PCB #157)	61.7
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	47.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.013	
Your reference: CT3	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	50.9
13C-2,3,7,8-TCDD	46.3
13C-1,2,3,7,8-PeCDF	48.7
13C-2,3,4,7,8-PeCDF	50.7
13C-1,2,3,7,8-PeCDD	52.2
13C-1,2,3,4,7,8-HxCDF	40.8
13C-1,2,3,6,7,8-HxCDF	39.6
13C-2,3,4,6,7,8-HxCDF	42.3
13C-1,2,3,7,8,9-HxCDF	47.7
13C-1,2,3,4,7,8-HxCDD	45.9
13C-1,2,3,6,7,8-HxCDD	45.3
13C-1,2,3,4,6,7,8-HpCDF	46.3
13C-1,2,3,4,7,8,9-HpCDF	44.0
13C-1,2,3,4,6,7,8-HpCDD	53.5
13C-OCDF	50.4
13C-OCDD	57.0
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	57.0
13C-3,3',4,4-TeCB (PCB #77)	54.8
13C-3,3',4,4',5-PeCB (PCB #126)	42.9
13C-3,3',4,4',5,5'-HxCB (PCB #169)	44.0
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	72.0
13C-2,3',4,4',5-PeCB (PCB #118)	69.8
13C-2,3,4,4',5-PeCB (PCB #114)	62.3
13C-2,3,3',4,4'-PeCB (PCB #105)	63.3
13C-2,3',4,4',5,5'-HxCB (PCB #167)	37.4
13C-2,3,3',4,4',5-HxCB (PCB #156)	34.2
13C-2,3,3',4,4',5-HxCB (PCB #157)	35.1
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	48.1

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.014	
Your reference: CT5	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	45.1
13C-2,3,7,8-TCDD	41.2
13C-1,2,3,7,8-PeCDF	47.0
13C-2,3,4,7,8-PeCDF	48.7
13C-1,2,3,7,8-PeCDD	56.3
13C-1,2,3,4,7,8-HxCDF	37.8 (**)
13C-1,2,3,6,7,8-HxCDF	38.2 (**)
13C-2,3,4,6,7,8-HxCDF	38.0 (**)
13C-1,2,3,7,8,9-HxCDF	43.3
13C-1,2,3,4,7,8-HxCDD	42.6
13C-1,2,3,6,7,8-HxCDD	44.7
13C-1,2,3,4,6,7,8-HpCDF	45.9
13C-1,2,3,4,7,8,9-HpCDF	43.6
13C-1,2,3,4,6,7,8-HpCDD	56.3
13C-OCDF	45.1
13C-OCDD	59.3
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	40.7
13C-3,3',4,4-TeCB (PCB #77)	40.1
13C-3,3',4,4',5-PeCB (PCB #126)	31.7 (**)
13C-3,3',4,4',5,5'-HxCB (PCB #169)	32.9 (**)
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	45.3
13C-2,3',4,4',5-PeCB (PCB #118)	42.4
13C-2,3,4,4',5-PeCB (PCB #114)	42.7
13C-2,3,3',4,4'-PeCB (PCB #105)	40.7
13C-2,3',4,4',5,5'-HxCB (PCB #167)	29.8 (**)
13C-2,3,3',4,4',5-HxCB (PCB #156)	27.0 (**)
13C-2,3,3',4,4',5-HxCB (PCB #157)	27.2 (**)
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	32.5 (**)

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.015	
Your reference: CT7	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	44.2
13C-2,3,7,8-TCDD	41.4
13C-1,2,3,7,8-PeCDF	42.9
13C-2,3,4,7,8-PeCDF	44.6
13C-1,2,3,7,8-PeCDD	47.8
13C-1,2,3,4,7,8-HxCDF	37.2 (**)
13C-1,2,3,6,7,8-HxCDF	35.4 (**)
13C-2,3,4,6,7,8-HxCDF	38.7 (**)
13C-1,2,3,7,8,9-HxCDF	43.4
13C-1,2,3,4,7,8-HxCDD	42.4
13C-1,2,3,6,7,8-HxCDD	39.6 (**)
13C-1,2,3,4,6,7,8-HpCDF	42.8
13C-1,2,3,4,7,8,9-HpCDF	38.5 (**)
13C-1,2,3,4,6,7,8-HpCDD	47.4
13C-OCDF	43.7
13C-OCDD	50.9
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	51.0
13C-3,3',4,4-TeCB (PCB #77)	51.7
13C-3,3',4,4',5-PeCB (PCB #126)	47.6
13C-3,3',4,4',5,5'-HxCB (PCB #169)	50.2
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	65.1
13C-2,3',4,4',5-PeCB (PCB #118)	63.0
13C-2,3,4,4',5-PeCB (PCB #114)	56.0
13C-2,3,3',4,4'-PeCB (PCB #105)	52.9
13C-2,3',4,4',5,5'-HxCB (PCB #167)	51.2
13C-2,3,3',4,4',5-HxCB (PCB #156)	45.6
13C-2,3,3',4,4',5-HxCB (PCB #157)	45.5
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	40.8

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.016	
Your reference: CT8	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	42.3
13C-2,3,7,8-TCDD	38.5 (**)
13C-1,2,3,7,8-PeCDF	39.3 (**)
13C-2,3,4,7,8-PeCDF	41.0
13C-1,2,3,7,8-PeCDD	45.3
13C-1,2,3,4,7,8-HxCDF	34.8 (**)
13C-1,2,3,6,7,8-HxCDF	33.9 (**)
13C-2,3,4,6,7,8-HxCDF	35.6 (**)
13C-1,2,3,7,8,9-HxCDF	38.0 (**)
13C-1,2,3,4,7,8-HxCDD	38.9 (**)
13C-1,2,3,6,7,8-HxCDD	39.1 (**)
13C-1,2,3,4,6,7,8-HpCDF	38.8 (**)
13C-1,2,3,4,7,8,9-HpCDF	38.4 (**)
13C-1,2,3,4,6,7,8-HpCDD	45.6
13C-OCDF	43.6
13C-OCDD	48.2
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	51.3
13C-3,3',4,4-TeCB (PCB #77)	50.5
13C-3,3',4,4',5-PeCB (PCB #126)	55.1
13C-3,3',4,4',5,5'-HxCB (PCB #169)	56.5
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	64.9
13C-2,3',4,4',5-PeCB (PCB #118)	62.6
13C-2,3,4,4',5-PeCB (PCB #114)	55.2
13C-2,3,3',4,4'-PeCB (PCB #105)	52.7
13C-2,3',4,4',5,5'-HxCB (PCB #167)	54.6
13C-2,3,3',4,4',5-HxCB (PCB #156)	48.0
13C-2,3,3',4,4',5-HxCB (PCB #157)	48.5
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	42.8

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.017	
Your reference: CT10	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	62.2
13C-2,3,7,8-TCDD	55.9
13C-1,2,3,7,8-PeCDF	56.0
13C-2,3,4,7,8-PeCDF	58.5
13C-1,2,3,7,8-PeCDD	63.2
13C-1,2,3,4,7,8-HxCDF	51.6
13C-1,2,3,6,7,8-HxCDF	49.7
13C-2,3,4,6,7,8-HxCDF	52.7
13C-1,2,3,7,8,9-HxCDF	58.3
13C-1,2,3,4,7,8-HxCDD	58.8
13C-1,2,3,6,7,8-HxCDD	58.7
13C-1,2,3,4,6,7,8-HpCDF	55.5
13C-1,2,3,4,7,8,9-HpCDF	54.5
13C-1,2,3,4,6,7,8-HpCDD	63.9
13C-OCDF	60.5
13C-OCDD	68.6
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	51.7
13C-3,3',4,4-TeCB (PCB #77)	49.2
13C-3,3',4,4',5-PeCB (PCB #126)	62.1
13C-3,3',4,4',5,5'-HxCB (PCB #169)	63.3
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	66.0
13C-2,3',4,4',5-PeCB (PCB #118)	62.6
13C-2,3,4,4',5-PeCB (PCB #114)	61.2
13C-2,3,3',4,4'-PeCB (PCB #105)	59.1
13C-2,3',4,4',5,5'-HxCB (PCB #167)	66.8
13C-2,3,3',4,4',5-HxCB (PCB #156)	56.5
13C-2,3,3',4,4',5-HxCB (PCB #157)	58.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	46.6

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.018	
Your reference: CT9-1	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	54.8
13C-2,3,7,8-TCDD	48.9
13C-1,2,3,7,8-PeCDF	50.0
13C-2,3,4,7,8-PeCDF	52.4
13C-1,2,3,7,8-PeCDD	53.7
13C-1,2,3,4,7,8-HxCDF	42.9
13C-1,2,3,6,7,8-HxCDF	42.7
13C-2,3,4,6,7,8-HxCDF	44.4
13C-1,2,3,7,8,9-HxCDF	49.2
13C-1,2,3,4,7,8-HxCDD	47.6
13C-1,2,3,6,7,8-HxCDD	47.0
13C-1,2,3,4,6,7,8-HpCDF	46.8
13C-1,2,3,4,7,8,9-HpCDF	44.7
13C-1,2,3,4,6,7,8-HpCDD	54.0
13C-OCDF	45.7
13C-OCDD	56.4
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	42.1
13C-3,3',4,4-TeCB (PCB #77)	37.5
13C-3,3',4,4',5-PeCB (PCB #126)	46.2
13C-3,3',4,4',5,5'-HxCB (PCB #169)	47.4
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	48.5
13C-2,3',4,4',5-PeCB (PCB #118)	47.2
13C-2,3,4,4',5-PeCB (PCB #114)	44.0
13C-2,3,3',4,4'-PeCB (PCB #105)	42.0
13C-2,3',4,4',5,5'-HxCB (PCB #167)	51.2
13C-2,3,3',4,4',5-HxCB (PCB #156)	42.3
13C-2,3,3',4,4',5-HxCB (PCB #157)	42.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	35.1

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.019	
Your reference: CT9-2	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	55.0
13C-2,3,7,8-TCDD	50.7
13C-1,2,3,7,8-PeCDF	51.4
13C-2,3,4,7,8-PeCDF	53.2
13C-1,2,3,7,8-PeCDD	58.0
13C-1,2,3,4,7,8-HxCDF	47.7
13C-1,2,3,6,7,8-HxCDF	45.4
13C-2,3,4,6,7,8-HxCDF	47.6
13C-1,2,3,7,8,9-HxCDF	58.1
13C-1,2,3,4,7,8-HxCDD	53.6
13C-1,2,3,6,7,8-HxCDD	51.5
13C-1,2,3,4,6,7,8-HpCDF	50.8
13C-1,2,3,4,7,8,9-HpCDF	48.6
13C-1,2,3,4,6,7,8-HpCDD	57.4
13C-OCDF	50.5
13C-OCDD	59.1
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	47.5
13C-3,3',4,4-TeCB (PCB #77)	45.5
13C-3,3',4,4',5-PeCB (PCB #126)	55.4
13C-3,3',4,4',5,5'-HxCB (PCB #169)	57.8
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	57.9
13C-2,3',4,4',5-PeCB (PCB #118)	51.8
13C-2,3,4,4',5-PeCB (PCB #114)	44.2
13C-2,3,3',4,4'-PeCB (PCB #105)	40.7
13C-2,3',4,4',5,5'-HxCB (PCB #167)	60.3
13C-2,3,3',4,4',5-HxCB (PCB #156)	51.3
13C-2,3,3',4,4',5-HxCB (PCB #157)	51.6
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	40.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.020 Your reference: CT6	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	65.6
13C-2,3,7,8-TCDD	56.6
13C-1,2,3,7,8-PeCDF	60.0
13C-2,3,4,7,8-PeCDF	63.3
13C-1,2,3,7,8-PeCDD	61.4
13C-1,2,3,4,7,8-HxCDF	48.9
13C-1,2,3,6,7,8-HxCDF	48.0
13C-2,3,4,6,7,8-HxCDF	51.5
13C-1,2,3,7,8,9-HxCDF	56.4
13C-1,2,3,4,7,8-HxCDD	52.1
13C-1,2,3,6,7,8-HxCDD	50.1
13C-1,2,3,4,6,7,8-HpCDF	54.1
13C-1,2,3,4,7,8,9-HpCDF	49.1
13C-1,2,3,4,6,7,8-HpCDD	56.0
13C-OCDF	51.9
13C-OCDD	60.5
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	34.2 (**)
13C-3,3',4,4-TeCB (PCB #77)	30.9 (**)
13C-3,3',4,4',5-PeCB (PCB #126)	37.8 (**)
13C-3,3',4,4',5,5'-HxCB (PCB #169)	38.5 (**)
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	40.5
13C-2,3',4,4',5-PeCB (PCB #118)	37.2 (**)
13C-2,3,4,4',5-PeCB (PCB #114)	31.7 (**)
13C-2,3,3',4,4'-PeCB (PCB #105)	34.9 (**)
13C-2,3',4,4',5,5'-HxCB (PCB #167)	40.7
13C-2,3,3',4,4',5-HxCB (PCB #156)	34.8 (**)
13C-2,3,3',4,4',5-HxCB (PCB #157)	35.2 (**)
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	28.4 (**)

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.021	
Your reference: N2	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	70.2
13C-2,3,7,8-TCDD	59.4
13C-1,2,3,7,8-PeCDF	59.9
13C-2,3,4,7,8-PeCDF	65.4
13C-1,2,3,7,8-PeCDD	74.3
13C-1,2,3,4,7,8-HxCDF	60.3
13C-1,2,3,6,7,8-HxCDF	61.0
13C-2,3,4,6,7,8-HxCDF	64.9
13C-1,2,3,7,8,9-HxCDF	68.1
13C-1,2,3,4,7,8-HxCDD	68.7
13C-1,2,3,6,7,8-HxCDD	68.1
13C-1,2,3,4,6,7,8-HpCDF	62.1
13C-1,2,3,4,7,8,9-HpCDF	55.0
13C-1,2,3,4,6,7,8-HpCDD	73.2
13C-OCDF	62.1
13C-OCDD	80.1
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	55.1
13C-3,3',4,4-TeCB (PCB #77)	49.6
13C-3,3',4,4',5-PeCB (PCB #126)	61.5
13C-3,3',4,4',5,5'-HxCB (PCB #169)	67.3
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	65.1
13C-2,3',4,4',5-PeCB (PCB #118)	60.9
13C-2,3,4,4',5-PeCB (PCB #114)	55.9
13C-2,3,3',4,4'-PeCB (PCB #105)	53.4
13C-2,3',4,4',5,5'-HxCB (PCB #167)	74.0
13C-2,3,3',4,4',5-HxCB (PCB #156)	63.6
13C-2,3,3',4,4',5-HxCB (PCB #157)	63.9
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	49.0

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.022	
Your reference: N4	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	91.1
13C-2,3,7,8-TCDD	86.1
13C-1,2,3,7,8-PeCDF	86.0
13C-2,3,4,7,8-PeCDF	88.6
13C-1,2,3,7,8-PeCDD	97.4
13C-1,2,3,4,7,8-HxCDF	75.5
13C-1,2,3,6,7,8-HxCDF	75.2
13C-2,3,4,6,7,8-HxCDF	73.3
13C-1,2,3,7,8,9-HxCDF	78.8
13C-1,2,3,4,7,8-HxCDD	80.5
13C-1,2,3,6,7,8-HxCDD	83.1
13C-1,2,3,4,6,7,8-HpCDF	74.1
13C-1,2,3,4,7,8,9-HpCDF	68.6
13C-1,2,3,4,6,7,8-HpCDD	88.2
13C-OCDF	60.6
13C-OCDD	82.0
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	79.9
13C-3,3',4,4-TeCB (PCB #77)	81.5
13C-3,3',4,4',5-PeCB (PCB #126)	89.8
13C-3,3',4,4',5,5'-HxCB (PCB #169)	87.1
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	98.3
13C-2,3',4,4',5-PeCB (PCB #118)	91.5
13C-2,3,4,4',5-PeCB (PCB #114)	77.5
13C-2,3,3',4,4'-PeCB (PCB #105)	84.7
13C-2,3',4,4',5,5'-HxCB (PCB #167)	93.2
13C-2,3,3',4,4',5-HxCB (PCB #156)	80.6
13C-2,3,3',4,4',5-HxCB (PCB #157)	83.2
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	70.1

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.023	
Your reference: N6	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	106
13C-2,3,7,8-TCDD	101
13C-1,2,3,7,8-PeCDF	101
13C-2,3,4,7,8-PeCDF	105
13C-1,2,3,7,8-PeCDD	113
13C-1,2,3,4,7,8-HxCDF	91.2
13C-1,2,3,6,7,8-HxCDF	87.0
13C-2,3,4,6,7,8-HxCDF	89.3
13C-1,2,3,7,8,9-HxCDF	95.2
13C-1,2,3,4,7,8-HxCDD	107
13C-1,2,3,6,7,8-HxCDD	99.4
13C-1,2,3,4,6,7,8-HpCDF	87.2
13C-1,2,3,4,7,8,9-HpCDF	85.6
13C-1,2,3,4,6,7,8-HpCDD	110
13C-OCDF	87.0
13C-OCDD	128
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	86.2
13C-3,3',4,4-TeCB (PCB #77)	78.0
13C-3,3',4,4',5-PeCB (PCB #126)	66.5
13C-3,3',4,4',5,5'-HxCB (PCB #169)	70.4
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	103
13C-2,3',4,4',5-PeCB (PCB #118)	98.0
13C-2,3,4,4',5-PeCB (PCB #114)	84.8
13C-2,3,3',4,4'-PeCB (PCB #105)	85.2
13C-2,3',4,4',5,5'-HxCB (PCB #167)	61.5
13C-2,3,3',4,4',5-HxCB (PCB #156)	56.2
13C-2,3,3',4,4',5-HxCB (PCB #157)	57.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	69.6

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.024	
Your reference: N8	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	82.8
13C-2,3,7,8-TCDD	68.7
13C-1,2,3,7,8-PeCDF	77.4
13C-2,3,4,7,8-PeCDF	76.9
13C-1,2,3,7,8-PeCDD	73.9
13C-1,2,3,4,7,8-HxCDF	64.7
13C-1,2,3,6,7,8-HxCDF	65.4
13C-2,3,4,6,7,8-HxCDF	70.8
13C-1,2,3,7,8,9-HxCDF	83.4
13C-1,2,3,4,7,8-HxCDD	63.3
13C-1,2,3,6,7,8-HxCDD	64.5
13C-1,2,3,4,6,7,8-HpCDF	69.3
13C-1,2,3,4,7,8,9-HpCDF	56.0
13C-1,2,3,4,6,7,8-HpCDD	67.6
13C-OCDF	59.2
13C-OCDD	71.6
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	92.2
13C-3,3',4,4-TeCB (PCB #77)	76.0
13C-3,3',4,4',5-PeCB (PCB #126)	87.5
13C-3,3',4,4',5,5'-HxCB (PCB #169)	88.8
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	98.7
13C-2,3',4,4',5-PeCB (PCB #118)	95.6
13C-2,3,4,4',5-PeCB (PCB #114)	87.2
13C-2,3,3',4,4'-PeCB (PCB #105)	87.5
13C-2,3',4,4',5,5'-HxCB (PCB #167)	86.1
13C-2,3,3',4,4',5-HxCB (PCB #156)	75.8
13C-2,3,3',4,4',5-HxCB (PCB #157)	77.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	66.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.025 Your reference: N10	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	71.6
13C-2,3,7,8-TCDD	62.1
13C-1,2,3,7,8-PeCDF	66.8
13C-2,3,4,7,8-PeCDF	68.1
13C-1,2,3,7,8-PeCDD	69.0
13C-1,2,3,4,7,8-HxCDF	63.8
13C-1,2,3,6,7,8-HxCDF	59.7
13C-2,3,4,6,7,8-HxCDF	63.9
13C-1,2,3,7,8,9-HxCDF	75.1
13C-1,2,3,4,7,8-HxCDD	61.6
13C-1,2,3,6,7,8-HxCDD	62.0
13C-1,2,3,4,6,7,8-HpCDF	67.9
13C-1,2,3,4,7,8,9-HpCDF	66.8
13C-1,2,3,4,6,7,8-HpCDD	76.6
13C-OCDF	88.4
13C-OCDD	94.9
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	78.0
13C-3,3',4,4-TeCB (PCB #77)	57.7
13C-3,3',4,4',5-PeCB (PCB #126)	68.9
13C-3,3',4,4',5,5'-HxCB (PCB #169)	69.1
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	97.1
13C-2,3',4,4',5-PeCB (PCB #118)	91.0
13C-2,3,4,4',5-PeCB (PCB #114)	75.5
13C-2,3,3',4,4'-PeCB (PCB #105)	70.6
13C-2,3',4,4',5,5'-HxCB (PCB #167)	67.4
13C-2,3,3',4,4',5-HxCB (PCB #156)	62.0
13C-2,3,3',4,4',5-HxCB (PCB #157)	60.7
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	63.9

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.026 Your reference: CR2	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	96.8
13C-2,3,7,8-TCDD	77.2
13C-1,2,3,7,8-PeCDF	87.3
13C-2,3,4,7,8-PeCDF	89.5
13C-1,2,3,7,8-PeCDD	86.2
13C-1,2,3,4,7,8-HxCDF	81.5
13C-1,2,3,6,7,8-HxCDF	75.5
13C-2,3,4,6,7,8-HxCDF	82.1
13C-1,2,3,7,8,9-HxCDF	106
13C-1,2,3,4,7,8-HxCDD	81.4
13C-1,2,3,6,7,8-HxCDD	77.4
13C-1,2,3,4,6,7,8-HpCDF	85.5
13C-1,2,3,4,7,8,9-HpCDF	81.8
13C-1,2,3,4,6,7,8-HpCDD	99.1
13C-OCDF	85.5
13C-OCDD	100
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	79.3
13C-3,3',4,4-TeCB (PCB #77)	59.2
13C-3,3',4,4',5-PeCB (PCB #126)	88.2
13C-3,3',4,4',5,5'-HxCB (PCB #169)	81.8
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	98.8
13C-2,3',4,4',5-PeCB (PCB #118)	90.2
13C-2,3,4,4',5-PeCB (PCB #114)	77.6
13C-2,3,3',4,4'-PeCB (PCB #105)	82.4
13C-2,3',4,4',5,5'-HxCB (PCB #167)	92.6
13C-2,3,3',4,4',5-HxCB (PCB #156)	77.7
13C-2,3,3',4,4',5-HxCB (PCB #157)	80.7
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	61.7

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.027	
Your reference: CR8	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	96.6
13C-2,3,7,8-TCDD	80.3
13C-1,2,3,7,8-PeCDF	85.3
13C-2,3,4,7,8-PeCDF	90.6
13C-1,2,3,7,8-PeCDD	91.6
13C-1,2,3,4,7,8-HxCDF	80.2
13C-1,2,3,6,7,8-HxCDF	74.9
13C-2,3,4,6,7,8-HxCDF	80.6
13C-1,2,3,7,8,9-HxCDF	89.9
13C-1,2,3,4,7,8-HxCDD	83.1
13C-1,2,3,6,7,8-HxCDD	80.9
13C-1,2,3,4,6,7,8-HpCDF	91.3
13C-1,2,3,4,7,8,9-HpCDF	86.7
13C-1,2,3,4,6,7,8-HpCDD	92.3
13C-OCDF	94.7
13C-OCDD	100
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	78.9
13C-3,3',4,4-TeCB (PCB #77)	60.0
13C-3,3',4,4',5-PeCB (PCB #126)	72.0
13C-3,3',4,4',5,5'-HxCB (PCB #169)	73.0
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	94.3
13C-2,3',4,4',5-PeCB (PCB #118)	89.1
13C-2,3,4,4',5-PeCB (PCB #114)	75.0
13C-2,3,3',4,4'-PeCB (PCB #105)	67.2
13C-2,3',4,4',5,5'-HxCB (PCB #167)	73.5
13C-2,3,3',4,4',5-HxCB (PCB #156)	65.7
13C-2,3,3',4,4',5-HxCB (PCB #157)	65.1
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	58.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.028 Your reference: CR3	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	72.7
13C-2,3,7,8-TCDD	58.7
13C-1,2,3,7,8-PeCDF	67.7
13C-2,3,4,7,8-PeCDF	70.2
13C-1,2,3,7,8-PeCDD	73.7
13C-1,2,3,4,7,8-HxCDF	61.2
13C-1,2,3,6,7,8-HxCDF	57.1
13C-2,3,4,6,7,8-HxCDF	59.0
13C-1,2,3,7,8,9-HxCDF	68.6
13C-1,2,3,4,7,8-HxCDD	62.9
13C-1,2,3,6,7,8-HxCDD	60.0
13C-1,2,3,4,6,7,8-HpCDF	69.1
13C-1,2,3,4,7,8,9-HpCDF	65.7
13C-1,2,3,4,6,7,8-HpCDD	78.2
13C-OCDF	64.5
13C-OCDD	73.3
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	72.5
13C-3,3',4,4-TeCB (PCB #77)	53.3
13C-3,3',4,4',5-PeCB (PCB #126)	85.5
13C-3,3',4,4',5,5'-HxCB (PCB #169)	84.5
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	87.9
13C-2,3',4,4',5-PeCB (PCB #118)	83.6
13C-2,3,4,4',5-PeCB (PCB #114)	71.6
13C-2,3,3',4,4'-PeCB (PCB #105)	73.1
13C-2,3',4,4',5,5'-HxCB (PCB #167)	100
13C-2,3,3',4,4',5-HxCB (PCB #156)	84.9
13C-2,3,3',4,4',5-HxCB (PCB #157)	85.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	59.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.029	
Your reference: CR4	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	89.6
13C-2,3,7,8-TCDD	72.8
13C-1,2,3,7,8-PeCDF	82.7
13C-2,3,4,7,8-PeCDF	87.8
13C-1,2,3,7,8-PeCDD	85.2
13C-1,2,3,4,7,8-HxCDF	67.7
13C-1,2,3,6,7,8-HxCDF	61.0
13C-2,3,4,6,7,8-HxCDF	68.8
13C-1,2,3,7,8,9-HxCDF	78.0
13C-1,2,3,4,7,8-HxCDD	73.0
13C-1,2,3,6,7,8-HxCDD	71.4
13C-1,2,3,4,6,7,8-HpCDF	77.9
13C-1,2,3,4,7,8,9-HpCDF	79.9
13C-1,2,3,4,6,7,8-HpCDD	86.1
13C-OCDF	84.8
13C-OCDD	89.0
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	75.4
13C-3,3',4,4-TeCB (PCB #77)	67.7
13C-3,3',4,4',5-PeCB (PCB #126)	90.7
13C-3,3',4,4',5,5'-HxCB (PCB #169)	90.8
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	93.0
13C-2,3',4,4',5-PeCB (PCB #118)	90.0
13C-2,3,4,4',5-PeCB (PCB #114)	76.5
13C-2,3,3',4,4'-PeCB (PCB #105)	69.8
13C-2,3',4,4',5,5'-HxCB (PCB #167)	103
13C-2,3,3',4,4',5-HxCB (PCB #156)	87.5
13C-2,3,3',4,4',5-HxCB (PCB #157)	87.0
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	59.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.030 Your reference: CR7	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	87.5
13C-2,3,7,8-TCDD	74.4
13C-1,2,3,7,8-PeCDF	84.3
13C-2,3,4,7,8-PeCDF	86.6
13C-1,2,3,7,8-PeCDD	88.0
13C-1,2,3,4,7,8-HxCDF	72.3
13C-1,2,3,6,7,8-HxCDF	65.8
13C-2,3,4,6,7,8-HxCDF	69.0
13C-1,2,3,7,8,9-HxCDF	77.1
13C-1,2,3,4,7,8-HxCDD	72.5
13C-1,2,3,6,7,8-HxCDD	69.2
13C-1,2,3,4,6,7,8-HpCDF	76.6
13C-1,2,3,4,7,8,9-HpCDF	76.6
13C-1,2,3,4,6,7,8-HpCDD	81.7
13C-OCDF	97.9
13C-OCDD	97.2
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	83.8
13C-3,3',4,4-TeCB (PCB #77)	79.9
13C-3,3',4,4',5-PeCB (PCB #126)	80.3
13C-3,3',4,4',5,5'-HxCB (PCB #169)	81.4
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	121
13C-2,3',4,4',5-PeCB (PCB #118)	106
13C-2,3,4,4',5-PeCB (PCB #114)	81.6
13C-2,3,3',4,4'-PeCB (PCB #105)	76.6
13C-2,3',4,4',5,5'-HxCB (PCB #167)	85.9
13C-2,3,3',4,4',5-HxCB (PCB #156)	75.4
13C-2,3,3',4,4',5-HxCB (PCB #157)	71.6
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	57.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.031 Your reference: CR10	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	92.3
13C-2,3,7,8-TCDD	82.7
13C-1,2,3,7,8-PeCDF	87.1
13C-2,3,4,7,8-PeCDF	91.2
13C-1,2,3,7,8-PeCDD	92.5
13C-1,2,3,4,7,8-HxCDF	83.6
13C-1,2,3,6,7,8-HxCDF	76.9
13C-2,3,4,6,7,8-HxCDF	84.1
13C-1,2,3,7,8,9-HxCDF	109
13C-1,2,3,4,7,8-HxCDD	85.4
13C-1,2,3,6,7,8-HxCDD	80.5
13C-1,2,3,4,6,7,8-HpCDF	96.4
13C-1,2,3,4,7,8,9-HpCDF	102
13C-1,2,3,4,6,7,8-HpCDD	109
13C-OCDF	118
13C-OCDD	130
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	87.6
13C-3,3',4,4-TeCB (PCB #77)	71.4
13C-3,3',4,4',5-PeCB (PCB #126)	87.6
13C-3,3',4,4',5,5'-HxCB (PCB #169)	88.4
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	98.0
13C-2,3',4,4',5-PeCB (PCB #118)	91.6
13C-2,3,4,4',5-PeCB (PCB #114)	77.3
13C-2,3,3',4,4'-PeCB (PCB #105)	70.3
13C-2,3',4,4',5,5'-HxCB (PCB #167)	92.2
13C-2,3,3',4,4',5-HxCB (PCB #156)	78.8
13C-2,3,3',4,4',5-HxCB (PCB #157)	79.6
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	65.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.032	
Your reference: E2	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	N.A.
13C-2,3,7,8-TCDD	N.A.
13C-1,2,3,7,8-PeCDF	N.A.
13C-2,3,4,7,8-PeCDF	N.A.
13C-1,2,3,7,8-PeCDD	N.A.
13C-1,2,3,4,7,8-HxCDF	N.A.
13C-1,2,3,6,7,8-HxCDF	N.A.
13C-2,3,4,6,7,8-HxCDF	N.A.
13C-1,2,3,7,8,9-HxCDF	N.A.
13C-1,2,3,4,7,8-HxCDD	N.A.
13C-1,2,3,6,7,8-HxCDD	N.A.
13C-1,2,3,4,6,7,8-HpCDF	N.A.
13C-1,2,3,4,7,8,9-HpCDF	N.A.
13C-1,2,3,4,6,7,8-HpCDD	N.A.
13C-OCDF	N.A.
13C-OCDD	N.A.
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	N.A.
13C-3,3',4,4-TeCB (PCB #77)	N.A.
13C-3,3',4,4',5-PeCB (PCB #126)	N.A.
13C-3,3',4,4',5,5'-HxCB (PCB #169)	N.A.
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	N.A.
13C-2,3',4,4',5-PeCB (PCB #118)	N.A.
13C-2,3,4,4',5-PeCB (PCB #114)	N.A.
13C-2,3,3',4,4'-PeCB (PCB #105)	N.A.
13C-2,3',4,4',5,5'-HxCB (PCB #167)	N.A.
13C-2,3,3',4,4',5-HxCB (PCB #156)	N.A.
13C-2,3,3',4,4',5-HxCB (PCB #157)	N.A.
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	N.A.

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.033	
Your reference: E3	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	90.6
13C-2,3,7,8-TCDD	83.2
13C-1,2,3,7,8-PeCDF	80.7
13C-2,3,4,7,8-PeCDF	85.2
13C-1,2,3,7,8-PeCDD	92.4
13C-1,2,3,4,7,8-HxCDF	73.1
13C-1,2,3,6,7,8-HxCDF	71.0
13C-2,3,4,6,7,8-HxCDF	74.7
13C-1,2,3,7,8,9-HxCDF	86.9
13C-1,2,3,4,7,8-HxCDD	83.8
13C-1,2,3,6,7,8-HxCDD	83.4
13C-1,2,3,4,6,7,8-HpCDF	73.9
13C-1,2,3,4,7,8,9-HpCDF	68.4
13C-1,2,3,4,6,7,8-HpCDD	87.7
13C-OCDF	75.0
13C-OCDD	88.3
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	85.7
13C-3,3',4,4-TeCB (PCB #77)	85.4
13C-3,3',4,4',5-PeCB (PCB #126)	71.6
13C-3,3',4,4',5,5'-HxCB (PCB #169)	72.2
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	101
13C-2,3',4,4',5-PeCB (PCB #118)	96.2
13C-2,3,4,4',5-PeCB (PCB #114)	88.6
13C-2,3,3',4,4'-PeCB (PCB #105)	93.7
13C-2,3',4,4',5,5'-HxCB (PCB #167)	65.1
13C-2,3,3',4,4',5-HxCB (PCB #156)	59.6
13C-2,3,3',4,4',5-HxCB (PCB #157)	60.7
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	69.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.034	
Your reference: E5	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	84.8
13C-2,3,7,8-TCDD	79.9
13C-1,2,3,7,8-PeCDF	79.6
13C-2,3,4,7,8-PeCDF	82.7
13C-1,2,3,7,8-PeCDD	91.8
13C-1,2,3,4,7,8-HxCDF	71.3
13C-1,2,3,6,7,8-HxCDF	68.4
13C-2,3,4,6,7,8-HxCDF	68.9
13C-1,2,3,7,8,9-HxCDF	75.1
13C-1,2,3,4,7,8-HxCDD	79.1
13C-1,2,3,6,7,8-HxCDD	78.1
13C-1,2,3,4,6,7,8-HpCDF	74.4
13C-1,2,3,4,7,8,9-HpCDF	70.7
13C-1,2,3,4,6,7,8-HpCDD	99.3
13C-OCDF	68.6
13C-OCDD	103
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	90.5
13C-3,3',4,4-TeCB (PCB #77)	88.2
13C-3,3',4,4',5-PeCB (PCB #126)	73.9
13C-3,3',4,4',5,5'-HxCB (PCB #169)	75.6
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	101
13C-2,3',4,4',5-PeCB (PCB #118)	95.8
13C-2,3,4,4',5-PeCB (PCB #114)	77.1
13C-2,3,3',4,4'-PeCB (PCB #105)	89.9
13C-2,3',4,4',5,5'-HxCB (PCB #167)	67.9
13C-2,3,3',4,4',5-HxCB (PCB #156)	62.2
13C-2,3,3',4,4',5-HxCB (PCB #157)	62.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	68.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.035	
Your reference: E6	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	93.0
13C-2,3,7,8-TCDD	85.9
13C-1,2,3,7,8-PeCDF	83.6
13C-2,3,4,7,8-PeCDF	86.2
13C-1,2,3,7,8-PeCDD	93.1
13C-1,2,3,4,7,8-HxCDF	70.4
13C-1,2,3,6,7,8-HxCDF	68.3
13C-2,3,4,6,7,8-HxCDF	70.9
13C-1,2,3,7,8,9-HxCDF	81.3
13C-1,2,3,4,7,8-HxCDD	77.7
13C-1,2,3,6,7,8-HxCDD	79.6
13C-1,2,3,4,6,7,8-HpCDF	73.6
13C-1,2,3,4,7,8,9-HpCDF	66.5
13C-1,2,3,4,6,7,8-HpCDD	84.3
13C-OCDF	72.7
13C-OCDD	83.6
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	89.9
13C-3,3',4,4-TeCB (PCB #77)	86.7
13C-3,3',4,4',5-PeCB (PCB #126)	76.4
13C-3,3',4,4',5,5'-HxCB (PCB #169)	78.7
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	102
13C-2,3',4,4',5-PeCB (PCB #118)	97.8
13C-2,3,4,4',5-PeCB (PCB #114)	77.5
13C-2,3,3',4,4'-PeCB (PCB #105)	90.3
13C-2,3',4,4',5,5'-HxCB (PCB #167)	70.4
13C-2,3,3',4,4',5-HxCB (PCB #156)	64.6
13C-2,3,3',4,4',5-HxCB (PCB #157)	65.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	64.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.036 Your reference: E7	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	92.4
13C-2,3,7,8-TCDD	85.8
13C-1,2,3,7,8-PeCDF	82.2
13C-2,3,4,7,8-PeCDF	84.5
13C-1,2,3,7,8-PeCDD	96.7
13C-1,2,3,4,7,8-HxCDF	73.9
13C-1,2,3,6,7,8-HxCDF	70.3
13C-2,3,4,6,7,8-HxCDF	74.7
13C-1,2,3,7,8,9-HxCDF	82.1
13C-1,2,3,4,7,8-HxCDD	81.9
13C-1,2,3,6,7,8-HxCDD	82.4
13C-1,2,3,4,6,7,8-HpCDF	74.3
13C-1,2,3,4,7,8,9-HpCDF	72.8
13C-1,2,3,4,6,7,8-HpCDD	94.4
13C-OCDF	87.8
13C-OCDD	123
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	101
13C-3,3',4,4-TeCB (PCB #77)	90.2
13C-3,3',4,4',5-PeCB (PCB #126)	97.7
13C-3,3',4,4',5,5'-HxCB (PCB #169)	99.3
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	117
13C-2,3',4,4',5-PeCB (PCB #118)	114
13C-2,3,4,4',5-PeCB (PCB #114)	101
13C-2,3,3',4,4'-PeCB (PCB #105)	101
13C-2,3',4,4',5,5'-HxCB (PCB #167)	101
13C-2,3,3',4,4',5-HxCB (PCB #156)	86.1
13C-2,3,3',4,4',5-HxCB (PCB #157)	88.6
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	78.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.037 Your reference: E9-1	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	99.4
13C-2,3,7,8-TCDD	91.9
13C-1,2,3,7,8-PeCDF	87.7
13C-2,3,4,7,8-PeCDF	89.3
13C-1,2,3,7,8-PeCDD	96.8
13C-1,2,3,4,7,8-HxCDF	74.3
13C-1,2,3,6,7,8-HxCDF	73.3
13C-2,3,4,6,7,8-HxCDF	73.3
13C-1,2,3,7,8,9-HxCDF	82.3
13C-1,2,3,4,7,8-HxCDD	81.8
13C-1,2,3,6,7,8-HxCDD	85.8
13C-1,2,3,4,6,7,8-HpCDF	77.9
13C-1,2,3,4,7,8,9-HpCDF	66.8
13C-1,2,3,4,6,7,8-HpCDD	91.4
13C-OCDF	72.5
13C-OCDD	97.5
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	102
13C-3,3',4,4-TeCB (PCB #77)	102
13C-3,3',4,4',5-PeCB (PCB #126)	98.5
13C-3,3',4,4',5,5'-HxCB (PCB #169)	102
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	117
13C-2,3',4,4',5-PeCB (PCB #118)	110
13C-2,3,4,4',5-PeCB (PCB #114)	93.6
13C-2,3,3',4,4'-PeCB (PCB #105)	86.3
13C-2,3',4,4',5,5'-HxCB (PCB #167)	96.1
13C-2,3,3',4,4',5-HxCB (PCB #156)	83.5
13C-2,3,3',4,4',5-HxCB (PCB #157)	91.6
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	81.6

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.038 Your reference: E9-2	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	91.0
13C-2,3,7,8-TCDD	83.7
13C-1,2,3,7,8-PeCDF	78.7
13C-2,3,4,7,8-PeCDF	79.6
13C-1,2,3,7,8-PeCDD	92.0
13C-1,2,3,4,7,8-HxCDF	70.5
13C-1,2,3,6,7,8-HxCDF	69.8
13C-2,3,4,6,7,8-HxCDF	72.2
13C-1,2,3,7,8,9-HxCDF	85.9
13C-1,2,3,4,7,8-HxCDD	83.0
13C-1,2,3,6,7,8-HxCDD	79.7
13C-1,2,3,4,6,7,8-HpCDF	73.5
13C-1,2,3,4,7,8,9-HpCDF	72.5
13C-1,2,3,4,6,7,8-HpCDD	88.6
13C-OCDF	81.9
13C-OCDD	96.3
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	88.5
13C-3,3',4,4-TeCB (PCB #77)	83.6
13C-3,3',4,4',5-PeCB (PCB #126)	75.2
13C-3,3',4,4',5,5'-HxCB (PCB #169)	77.2
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	105
13C-2,3',4,4',5-PeCB (PCB #118)	97.3
13C-2,3,4,4',5-PeCB (PCB #114)	83.6
13C-2,3,3',4,4'-PeCB (PCB #105)	96.6
13C-2,3',4,4',5,5'-HxCB (PCB #167)	71.0
13C-2,3,3',4,4',5-HxCB (PCB #156)	64.2
13C-2,3,3',4,4',5-HxCB (PCB #157)	65.0
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	81.6

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.039	
Your reference: M2	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	99.7
13C-2,3,7,8-TCDD	92.6
13C-1,2,3,7,8-PeCDF	84.6
13C-2,3,4,7,8-PeCDF	87.5
13C-1,2,3,7,8-PeCDD	95.7
13C-1,2,3,4,7,8-HxCDF	79.4
13C-1,2,3,6,7,8-HxCDF	79.9
13C-2,3,4,6,7,8-HxCDF	81.6
13C-1,2,3,7,8,9-HxCDF	92.7
13C-1,2,3,4,7,8-HxCDD	91.9
13C-1,2,3,6,7,8-HxCDD	93.3
13C-1,2,3,4,6,7,8-HpCDF	84.3
13C-1,2,3,4,7,8,9-HpCDF	78.4
13C-1,2,3,4,6,7,8-HpCDD	103
13C-OCDF	93.6
13C-OCDD	111
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	81.0
13C-3,3',4,4-TeCB (PCB #77)	75.9
13C-3,3',4,4',5-PeCB (PCB #126)	71.3
13C-3,3',4,4',5,5'-HxCB (PCB #169)	71.2
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	106
13C-2,3',4,4',5-PeCB (PCB #118)	102
13C-2,3,4,4',5-PeCB (PCB #114)	91.4
13C-2,3,3',4,4'-PeCB (PCB #105)	92.1
13C-2,3',4,4',5,5'-HxCB (PCB #167)	64.1
13C-2,3,3',4,4',5-HxCB (PCB #156)	59.2
13C-2,3,3',4,4',5-HxCB (PCB #157)	60.1
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	70.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.040	
Your reference: M3	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	101
13C-2,3,7,8-TCDD	91.5
13C-1,2,3,7,8-PeCDF	84.7
13C-2,3,4,7,8-PeCDF	88.6
13C-1,2,3,7,8-PeCDD	96.5
13C-1,2,3,4,7,8-HxCDF	73.6
13C-1,2,3,6,7,8-HxCDF	71.0
13C-2,3,4,6,7,8-HxCDF	75.0
13C-1,2,3,7,8,9-HxCDF	87.5
13C-1,2,3,4,7,8-HxCDD	78.4
13C-1,2,3,6,7,8-HxCDD	80.8
13C-1,2,3,4,6,7,8-HpCDF	72.9
13C-1,2,3,4,7,8,9-HpCDF	65.1
13C-1,2,3,4,6,7,8-HpCDD	84.9
13C-OCDF	76.7
13C-OCDD	91.2
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	105
13C-3,3',4,4-TeCB (PCB #77)	101
13C-3,3',4,4',5-PeCB (PCB #126)	89.6
13C-3,3',4,4',5,5'-HxCB (PCB #169)	88.0
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	117
13C-2,3',4,4',5-PeCB (PCB #118)	112
13C-2,3,4,4',5-PeCB (PCB #114)	98.6
13C-2,3,3',4,4'-PeCB (PCB #105)	105
13C-2,3',4,4',5,5'-HxCB (PCB #167)	80.1
13C-2,3,3',4,4',5-HxCB (PCB #156)	71.7
13C-2,3,3',4,4',5-HxCB (PCB #157)	75.3
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	73.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.041	
Your reference: M4	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	92.0
13C-2,3,7,8-TCDD	87.2
13C-1,2,3,7,8-PeCDF	90.9
13C-2,3,4,7,8-PeCDF	94.8
13C-1,2,3,7,8-PeCDD	107
13C-1,2,3,4,7,8-HxCDF	77.5
13C-1,2,3,6,7,8-HxCDF	74.6
13C-2,3,4,6,7,8-HxCDF	76.1
13C-1,2,3,7,8,9-HxCDF	88.8
13C-1,2,3,4,7,8-HxCDD	88.0
13C-1,2,3,6,7,8-HxCDD	85.7
13C-1,2,3,4,6,7,8-HpCDF	79.2
13C-1,2,3,4,7,8,9-HpCDF	72.4
13C-1,2,3,4,6,7,8-HpCDD	94.1
13C-OCDF	79.6
13C-OCDD	98.0
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	97.4
13C-3,3',4,4-TeCB (PCB #77)	92.9
13C-3,3',4,4',5-PeCB (PCB #126)	81.6
13C-3,3',4,4',5,5'-HxCB (PCB #169)	79.9
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	108
13C-2,3',4,4',5-PeCB (PCB #118)	102
13C-2,3,4,4',5-PeCB (PCB #114)	85.9
13C-2,3,3',4,4'-PeCB (PCB #105)	79.7
13C-2,3',4,4',5,5'-HxCB (PCB #167)	74.9
13C-2,3,3',4,4',5-HxCB (PCB #156)	68.0
13C-2,3,3',4,4',5-HxCB (PCB #157)	67.3
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	75.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.042	
Your reference: M1	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	91.4
13C-2,3,7,8-TCDD	83.9
13C-1,2,3,7,8-PeCDF	78.3
13C-2,3,4,7,8-PeCDF	81.7
13C-1,2,3,7,8-PeCDD	91.7
13C-1,2,3,4,7,8-HxCDF	66.5
13C-1,2,3,6,7,8-HxCDF	64.4
13C-2,3,4,6,7,8-HxCDF	68.4
13C-1,2,3,7,8,9-HxCDF	81.4
13C-1,2,3,4,7,8-HxCDD	78.2
13C-1,2,3,6,7,8-HxCDD	83.8
13C-1,2,3,4,6,7,8-HpCDF	72.3
13C-1,2,3,4,7,8,9-HpCDF	66.2
13C-1,2,3,4,6,7,8-HpCDD	86.7
13C-OCDF	72.2
13C-OCDD	88.7
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	84.4
13C-3,3',4,4-TeCB (PCB #77)	81.8
13C-3,3',4,4',5-PeCB (PCB #126)	70.2
13C-3,3',4,4',5,5'-HxCB (PCB #169)	69.8
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	96.8
13C-2,3',4,4',5-PeCB (PCB #118)	92.2
13C-2,3,4,4',5-PeCB (PCB #114)	75.4
13C-2,3,3',4,4'-PeCB (PCB #105)	78.9
13C-2,3',4,4',5,5'-HxCB (PCB #167)	62.9
13C-2,3,3',4,4',5-HxCB (PCB #156)	57.5
13C-2,3,3',4,4',5-HxCB (PCB #157)	57.9
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	74.9

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.043	
Your reference: M6	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	89.6
13C-2,3,7,8-TCDD	78.1
13C-1,2,3,7,8-PeCDF	77.2
13C-2,3,4,7,8-PeCDF	81.2
13C-1,2,3,7,8-PeCDD	87.6
13C-1,2,3,4,7,8-HxCDF	67.7
13C-1,2,3,6,7,8-HxCDF	65.5
13C-2,3,4,6,7,8-HxCDF	69.9
13C-1,2,3,7,8,9-HxCDF	82.6
13C-1,2,3,4,7,8-HxCDD	78.9
13C-1,2,3,6,7,8-HxCDD	77.0
13C-1,2,3,4,6,7,8-HpCDF	72.5
13C-1,2,3,4,7,8,9-HpCDF	69.0
13C-1,2,3,4,6,7,8-HpCDD	84.2
13C-OCDF	78.8
13C-OCDD	93.9
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	88.5
13C-3,3',4,4-TeCB (PCB #77)	86.7
13C-3,3',4,4',5-PeCB (PCB #126)	77.3
13C-3,3',4,4',5,5'-HxCB (PCB #169)	78.3
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	104
13C-2,3',4,4',5-PeCB (PCB #118)	96.6
13C-2,3,4,4',5-PeCB (PCB #114)	87.7
13C-2,3,3',4,4'-PeCB (PCB #105)	92.0
13C-2,3',4,4',5,5'-HxCB (PCB #167)	71.9
13C-2,3,3',4,4',5-HxCB (PCB #156)	65.2
13C-2,3,3',4,4',5-HxCB (PCB #157)	64.1
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	69.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.044	
Your reference: M7	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	69.5
13C-2,3,7,8-TCDD	62.9
13C-1,2,3,7,8-PeCDF	58.2
13C-2,3,4,7,8-PeCDF	61.7
13C-1,2,3,7,8-PeCDD	68.3
13C-1,2,3,4,7,8-HxCDF	55.0
13C-1,2,3,6,7,8-HxCDF	54.4
13C-2,3,4,6,7,8-HxCDF	58.2
13C-1,2,3,7,8,9-HxCDF	62.3
13C-1,2,3,4,7,8-HxCDD	64.0
13C-1,2,3,6,7,8-HxCDD	62.4
13C-1,2,3,4,6,7,8-HpCDF	58.7
13C-1,2,3,4,7,8,9-HpCDF	55.0
13C-1,2,3,4,6,7,8-HpCDD	71.2
13C-OCDF	66.1
13C-OCDD	76.8
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	59.7
13C-3,3',4,4-TeCB (PCB #77)	60.1
13C-3,3',4,4',5-PeCB (PCB #126)	59.6
13C-3,3',4,4',5,5'-HxCB (PCB #169)	60.1
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	72.3
13C-2,3',4,4',5-PeCB (PCB #118)	66.2
13C-2,3,4,4',5-PeCB (PCB #114)	57.4
13C-2,3,3',4,4'-PeCB (PCB #105)	62.1
13C-2,3',4,4',5,5'-HxCB (PCB #167)	58.8
13C-2,3,3',4,4',5-HxCB (PCB #156)	52.1
13C-2,3,3',4,4',5-HxCB (PCB #157)	53.3
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	49.0

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.045 Your reference: M8	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	82.1
13C-2,3,7,8-TCDD	76.8
13C-1,2,3,7,8-PeCDF	72.4
13C-2,3,4,7,8-PeCDF	74.2
13C-1,2,3,7,8-PeCDD	79.9
13C-1,2,3,4,7,8-HxCDF	66.8
13C-1,2,3,6,7,8-HxCDF	66.5
13C-2,3,4,6,7,8-HxCDF	65.3
13C-1,2,3,7,8,9-HxCDF	75.9
13C-1,2,3,4,7,8-HxCDD	69.9
13C-1,2,3,6,7,8-HxCDD	70.6
13C-1,2,3,4,6,7,8-HpCDF	66.0
13C-1,2,3,4,7,8,9-HpCDF	63.2
13C-1,2,3,4,6,7,8-HpCDD	82.6
13C-OCDF	73.6
13C-OCDD	82.7
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	77.2
13C-3,3',4,4-TeCB (PCB #77)	69.9
13C-3,3',4,4',5-PeCB (PCB #126)	82.0
13C-3,3',4,4',5,5'-HxCB (PCB #169)	80.3
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	95.0
13C-2,3',4,4',5-PeCB (PCB #118)	88.5
13C-2,3,4,4',5-PeCB (PCB #114)	76.9
13C-2,3,3',4,4'-PeCB (PCB #105)	77.5
13C-2,3',4,4',5,5'-HxCB (PCB #167)	87.7
13C-2,3,3',4,4',5-HxCB (PCB #156)	74.0
13C-2,3,3',4,4',5-HxCB (PCB #157)	75.5
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	57.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.046	
Your reference: M5	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	79.9
13C-2,3,7,8-TCDD	73.0
13C-1,2,3,7,8-PeCDF	76.1
13C-2,3,4,7,8-PeCDF	80.2
13C-1,2,3,7,8-PeCDD	87.3
13C-1,2,3,4,7,8-HxCDF	70.6
13C-1,2,3,6,7,8-HxCDF	68.3
13C-2,3,4,6,7,8-HxCDF	71.2
13C-1,2,3,7,8,9-HxCDF	82.6
13C-1,2,3,4,7,8-HxCDD	80.3
13C-1,2,3,6,7,8-HxCDD	76.8
13C-1,2,3,4,6,7,8-HpCDF	75.4
13C-1,2,3,4,7,8,9-HpCDF	72.3
13C-1,2,3,4,6,7,8-HpCDD	88.1
13C-OCDF	80.1
13C-OCDD	91.4
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	68.6
13C-3,3',4,4-TeCB (PCB #77)	60.9
13C-3,3',4,4',5-PeCB (PCB #126)	56.3
13C-3,3',4,4',5,5'-HxCB (PCB #169)	58.7
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	84.2
13C-2,3',4,4',5-PeCB (PCB #118)	78.9
13C-2,3,4,4',5-PeCB (PCB #114)	69.7
13C-2,3,3',4,4'-PeCB (PCB #105)	63.1
13C-2,3',4,4',5,5'-HxCB (PCB #167)	54.3
13C-2,3,3',4,4',5-HxCB (PCB #156)	49.3
13C-2,3,3',4,4',5-HxCB (PCB #157)	48.1
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	59.7

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.047 Your reference: M10	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	83.2
13C-2,3,7,8-TCDD	79.5
13C-1,2,3,7,8-PeCDF	77.2
13C-2,3,4,7,8-PeCDF	80.2
13C-1,2,3,7,8-PeCDD	83.6
13C-1,2,3,4,7,8-HxCDF	67.1
13C-1,2,3,6,7,8-HxCDF	64.1
13C-2,3,4,6,7,8-HxCDF	68.7
13C-1,2,3,7,8,9-HxCDF	73.5
13C-1,2,3,4,7,8-HxCDD	70.9
13C-1,2,3,6,7,8-HxCDD	73.6
13C-1,2,3,4,6,7,8-HpCDF	64.3
13C-1,2,3,4,7,8,9-HpCDF	58.5
13C-1,2,3,4,6,7,8-HpCDD	74.8
13C-OCDF	61.6
13C-OCDD	78.9
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	76.8
13C-3,3',4,4-TeCB (PCB #77)	68.6
13C-3,3',4,4',5-PeCB (PCB #126)	69.6
13C-3,3',4,4',5,5'-HxCB (PCB #169)	71.7
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	96.9
13C-2,3',4,4',5-PeCB (PCB #118)	93.2
13C-2,3,4,4',5-PeCB (PCB #114)	84.5
13C-2,3,3',4,4'-PeCB (PCB #105)	83.5
13C-2,3',4,4',5,5'-HxCB (PCB #167)	66.7
13C-2,3,3',4,4',5-HxCB (PCB #156)	61.0
13C-2,3,3',4,4',5-HxCB (PCB #157)	61.3
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	63.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.048	
Your reference: M11	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	96.6
13C-2,3,7,8-TCDD	88.5
13C-1,2,3,7,8-PeCDF	79.4
13C-2,3,4,7,8-PeCDF	81.8
13C-1,2,3,7,8-PeCDD	93.1
13C-1,2,3,4,7,8-HxCDF	68.9
13C-1,2,3,6,7,8-HxCDF	72.3
13C-2,3,4,6,7,8-HxCDF	73.6
13C-1,2,3,7,8,9-HxCDF	75.0
13C-1,2,3,4,7,8-HxCDD	73.9
13C-1,2,3,6,7,8-HxCDD	79.7
13C-1,2,3,4,6,7,8-HpCDF	72.2
13C-1,2,3,4,7,8,9-HpCDF	65.4
13C-1,2,3,4,6,7,8-HpCDD	81.2
13C-OCDF	70.3
13C-OCDD	81.7
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	76.8
13C-3,3',4,4-TeCB (PCB #77)	62.0
13C-3,3',4,4',5-PeCB (PCB #126)	67.4
13C-3,3',4,4',5,5'-HxCB (PCB #169)	68.4
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	88.5
13C-2,3',4,4',5-PeCB (PCB #118)	82.6
13C-2,3,4,4',5-PeCB (PCB #114)	75.7
13C-2,3,3',4,4'-PeCB (PCB #105)	78.2
13C-2,3',4,4',5,5'-HxCB (PCB #167)	63.3
13C-2,3,3',4,4',5-HxCB (PCB #156)	57.3
13C-2,3,3',4,4',5-HxCB (PCB #157)	57.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	56.1

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.049	
Your reference: M12	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	85.7
13C-2,3,7,8-TCDD	81.7
13C-1,2,3,7,8-PeCDF	73.5
13C-2,3,4,7,8-PeCDF	73.8
13C-1,2,3,7,8-PeCDD	86.4
13C-1,2,3,4,7,8-HxCDF	66.7
13C-1,2,3,6,7,8-HxCDF	68.3
13C-2,3,4,6,7,8-HxCDF	69.0
13C-1,2,3,7,8,9-HxCDF	74.5
13C-1,2,3,4,7,8-HxCDD	79.1
13C-1,2,3,6,7,8-HxCDD	83.1
13C-1,2,3,4,6,7,8-HpCDF	75.5
13C-1,2,3,4,7,8,9-HpCDF	68.2
13C-1,2,3,4,6,7,8-HpCDD	93.0
13C-OCDF	83.1
13C-OCDD	105
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	93.9
13C-3,3',4,4-TeCB (PCB #77)	90.2
13C-3,3',4,4',5-PeCB (PCB #126)	86.4
13C-3,3',4,4',5,5'-HxCB (PCB #169)	88.6
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	98.7
13C-2,3',4,4',5-PeCB (PCB #118)	92.5
13C-2,3,4,4',5-PeCB (PCB #114)	80.6
13C-2,3,3',4,4'-PeCB (PCB #105)	84.1
13C-2,3',4,4',5,5'-HxCB (PCB #167)	91.7
13C-2,3,3',4,4',5-HxCB (PCB #156)	77.5
13C-2,3,3',4,4',5-HxCB (PCB #157)	79.4
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	64.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - 2,3,7,8-substituted PCDFs and PCDDs and Dioxin-Like PCBs.	
Sample identification : IAC23-04096.050 Your reference: M9	
Component	Recovery 13C extraction standards (%)
13C-2,3,7,8-TCDF	N.A.
13C-2,3,7,8-TCDD	N.A.
13C-1,2,3,7,8-PeCDF	N.A.
13C-2,3,4,7,8-PeCDF	N.A.
13C-1,2,3,7,8-PeCDD	N.A.
13C-1,2,3,4,7,8-HxCDF	N.A.
13C-1,2,3,6,7,8-HxCDF	N.A.
13C-2,3,4,6,7,8-HxCDF	N.A.
13C-1,2,3,7,8,9-HxCDF	N.A.
13C-1,2,3,4,7,8-HxCDD	N.A.
13C-1,2,3,6,7,8-HxCDD	N.A.
13C-1,2,3,4,6,7,8-HpCDF	N.A.
13C-1,2,3,4,7,8,9-HpCDF	N.A.
13C-1,2,3,4,6,7,8-HpCDD	N.A.
13C-OCDF	N.A.
13C-OCDD	N.A.
Non-ortho PCBs	
13C-3,4,4',5-TeCB (PCB #81)	N.A.
13C-3,3',4,4-TeCB (PCB #77)	N.A.
13C-3,3',4,4',5-PeCB (PCB #126)	N.A.
13C-3,3',4,4',5,5'-HxCB (PCB #169)	N.A.
Mono-ortho PCBs	
13C-2',3,4,4',5-PeCB (PCB #123)	N.A.
13C-2,3',4,4',5-PeCB (PCB #118)	N.A.
13C-2,3,4,4',5-PeCB (PCB #114)	N.A.
13C-2,3,3',4,4'-PeCB (PCB #105)	N.A.
13C-2,3',4,4',5,5'-HxCB (PCB #167)	N.A.
13C-2,3,3',4,4',5-HxCB (PCB #156)	N.A.
13C-2,3,3',4,4',5-HxCB (PCB #157)	N.A.
13C-2,3,3',4,4',5,5'-HpCB (PCB #189)	N.A.

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.	
Sample identification : IAC23-04096.001 Your reference: C5	Date of analysis: 16-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1800	1800
TetraBDE #47	2900	1800
PentaBDE #100	2100	1800
PentaBDE #99	11000	1800
HexaBDE #154	<1800	1800
HexaBDE #153	<1800	1800
HeptaBDE #183	<1800	1800
DecaBDE #209	500000	37000

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	<1800	1800
TetraBDE #66	<1800	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	<1800	1800
PentaBDE #119	<1800	1800
PentaBDE #126	<1800	1800
HexaBDE #138	<1800	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	<5500	5500
OctaBDE #197	<5500	5500
NonaBDE #206	26000	5500
NonaBDE #207	25000	5500

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.002		Date of analysis: 05-05-2023
Your reference: C3		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<2000	2000
TetraBDE #47	2400	2000
PentaBDE #100	<2000	2000
PentaBDE #99	11000	2000
HexaBDE #154	<2000	2000
HexaBDE #153	2100	2000
HeptaBDE #183	3700	2000
DecaBDE #209	970000	39000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<2000	2000
TetraBDE #49	<2000	2000
TetraBDE #66	<2000	2000
TetraBDE #71	<2000	2000
TetraBDE #77	<2000	2000
PentaBDE #85	<2000	2000
PentaBDE #119	<2000	2000
PentaBDE #126	<2000	2000
HexaBDE #138	<2000	2000
HexaBDE #156	<2000	2000
HeptaBDE #184	<2000	2000
HeptaBDE #191	<2000	2000
OctaBDE #196	<5900	5900
OctaBDE #197	<5900	5900
NonaBDE #206	31000	5900
NonaBDE #207	25000	5900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.003 Your reference: C6		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1500	1500
TetraBDE #47	<1500	1500
PentaBDE #100	<1500	1500
PentaBDE #99	<1500	1500
HexaBDE #154	<1500	1500
HexaBDE #153	<1500	1500
HeptaBDE #183	<1500	1500
DecaBDE #209	790000	30000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1500	1500
TetraBDE #49	<1500	1500
TetraBDE #66	<1500	1500
TetraBDE #71	<1500	1500
TetraBDE #77	<1500	1500
PentaBDE #85	<1500	1500
PentaBDE #119	<1500	1500
PentaBDE #126	<1500	1500
HexaBDE #138	<1500	1500
HexaBDE #156	<1500	1500
HeptaBDE #184	<1500	1500
HeptaBDE #191	<1500	1500
OctaBDE #196	<4400	4400
OctaBDE #197	<4400	4400
NonaBDE #206	24000	4400
NonaBDE #207	11000	4400

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.004 Your reference: C8		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1800	1800
TetraBDE #47	<1800	1800
PentaBDE #100	<1800	1800
PentaBDE #99	<1800	1800
HexaBDE #154	<1800	1800
HexaBDE #153	<1800	1800
HeptaBDE #183	<1800	1800
DecaBDE #209	200000	36000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	<1800	1800
TetraBDE #66	<1800	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	<1800	1800
PentaBDE #119	<1800	1800
PentaBDE #126	<1800	1800
HexaBDE #138	<1800	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	<5400	5400
OctaBDE #197	<5400	5400
NonaBDE #206	8700	5400
NonaBDE #207	<5400	5400

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.005 Your reference: C11		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1900	1900
TetraBDE #47	<1900	1900
PentaBDE #100	<1900	1900
PentaBDE #99	<1900	1900
HexaBDE #154	<1900	1900
HexaBDE #153	<1900	1900
HeptaBDE #183	5700	1900
DecaBDE #209	980000	38000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1900	1900
TetraBDE #49	<1900	1900
TetraBDE #66	<1900	1900
TetraBDE #71	<1900	1900
TetraBDE #77	<1900	1900
PentaBDE #85	<1900	1900
PentaBDE #119	<1900	1900
PentaBDE #126	<1900	1900
HexaBDE #138	<1900	1900
HexaBDE #156	<1900	1900
HeptaBDE #184	<1900	1900
HeptaBDE #191	<1900	1900
OctaBDE #196	<5600	5600
OctaBDE #197	<5600	5600
NonaBDE #206	36000	5600
NonaBDE #207	19000	5600

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.006		Date of analysis: 05-05-2023
Your reference: A2		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1600	1600
TetraBDE #47	2500	1600
PentaBDE #100	1600	1600
PentaBDE #99	9200	1600
HexaBDE #154	<1600	1600
HexaBDE #153	1600	1600
HeptaBDE #183	2800	1600
DecaBDE #209	590000	33000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1600	1600
TetraBDE #49	<1600	1600
TetraBDE #66	<1600	1600
TetraBDE #71	<1600	1600
TetraBDE #77	<1600	1600
PentaBDE #85	<1600	1600
PentaBDE #119	<1600	1600
PentaBDE #126	<1600	1600
HexaBDE #138	<1600	1600
HexaBDE #156	<1600	1600
HeptaBDE #184	<1600	1600
HeptaBDE #191	<1600	1600
OctaBDE #196	<4900	4900
OctaBDE #197	<4900	4900
NonaBDE #206	19000	4900
NonaBDE #207	11000	4900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.008		Date of analysis: 05-05-2023
Your reference: A5		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1400	1400
TetraBDE #47	1500	1400
PentaBDE #100	2300	1400
PentaBDE #99	9100	1400
HexaBDE #154	<1400	1400
HexaBDE #153	1500	1400
HeptaBDE #183	1500	1400
DecaBDE #209	840000	29000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<2000	2000
TetraBDE #49	<2000	2000
TetraBDE #66	<2000	2000
TetraBDE #71	<2000	2000
TetraBDE #77	<2000	2000
PentaBDE #85	<2000	2000
PentaBDE #119	<2000	2000
PentaBDE #126	<2000	2000
HexaBDE #138	<2000	2000
HexaBDE #156	<2000	2000
HeptaBDE #184	<2000	2000
HeptaBDE #191	<2000	2000
OctaBDE #196	<5900	5900
OctaBDE #197	<5900	5900
NonaBDE #206	30000	5900
NonaBDE #207	19000	5900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.009 Your reference: A6		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<2000	2000
TetraBDE #47	2900	2000
PentaBDE #100	2500	2000
PentaBDE #99	13000	2000
HexaBDE #154	<2000	2000
HexaBDE #153	3300	2000
HeptaBDE #183	38000	2000
DecaBDE #209	1000000	40000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<2000	2000
TetraBDE #49	<2000	2000
TetraBDE #66	<2000	2000
TetraBDE #71	<2000	2000
TetraBDE #77	<2000	2000
PentaBDE #85	<2000	2000
PentaBDE #119	<2000	2000
PentaBDE #126	<2000	2000
HexaBDE #138	<2000	2000
HexaBDE #156	<2000	2000
HeptaBDE #184	<2000	2000
HeptaBDE #191	<2000	2000
OctaBDE #196	7000	5900
OctaBDE #197	14000	5900
NonaBDE #206	34000	5900
NonaBDE #207	30000	5900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.010 Your reference: A7		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1500	1500
TetraBDE #47	10000	1500
PentaBDE #100	6200	1500
PentaBDE #99	34000	1500
HexaBDE #154	3000	1500
HexaBDE #153	3600	1500
HeptaBDE #183	2400	1500
DecaBDE #209	780000	30000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1500	1500
TetraBDE #49	<1500	1500
TetraBDE #66	<1500	1500
TetraBDE #71	<1500	1500
TetraBDE #77	<1500	1500
PentaBDE #85	<1500	1500
PentaBDE #119	<1500	1500
PentaBDE #126	<1500	1500
HexaBDE #138	<1500	1500
HexaBDE #156	<1500	1500
HeptaBDE #184	<1500	1500
HeptaBDE #191	<1500	1500
OctaBDE #196	6200	4500
OctaBDE #197	<4500	4500
NonaBDE #206	54000	4500
NonaBDE #207	35000	4500

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.011 Your reference: CT1		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1900	1900
TetraBDE #47	2400	1900
PentaBDE #100	<1900	1900
PentaBDE #99	5600	1900
HexaBDE #154	2000	1900
HexaBDE #153	11000	1900
HeptaBDE #183	36000	1900
DecaBDE #209	450000	37000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1900	1900
TetraBDE #49	<1900	1900
TetraBDE #66	<1900	1900
TetraBDE #71	<1900	1900
TetraBDE #77	<1900	1900
PentaBDE #85	<1900	1900
PentaBDE #119	<1900	1900
PentaBDE #126	<1900	1900
HexaBDE #138	<1900	1900
HexaBDE #156	<1900	1900
HeptaBDE #184	<1900	1900
HeptaBDE #191	<1900	1900
OctaBDE #196	6700	5600
OctaBDE #197	16000	5600
NonaBDE #206	16000	5600
NonaBDE #207	19000	5600

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.012		Date of analysis: 05-05-2023
Your reference: CT2		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1700	1700
TetraBDE #47	19000	1700
PentaBDE #100	9100	1700
PentaBDE #99	37000 (*)	1700
HexaBDE #154	3900	1700
HexaBDE #153	5700	1700
HeptaBDE #183	8100	1700
DecaBDE #209	140000	33000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1700	1700
TetraBDE #49	<1700	1700
TetraBDE #66	<1700	1700
TetraBDE #71	<1700	1700
TetraBDE #77	<1700	1700
PentaBDE #85	9000	1700
PentaBDE #119	<1700	1700
PentaBDE #126	<1700	1700
HexaBDE #138	<1700	1700
HexaBDE #156	<1700	1700
HeptaBDE #184	<1700	1700
HeptaBDE #191	<1700	1700
OctaBDE #196	<5000	5000
OctaBDE #197	<5000	5000
NonaBDE #206	5800	5000
NonaBDE #207	8600	5000

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.	
Sample identification : IAC23-04096.013 Your reference: CT3	Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<2000	2000
TetraBDE #47	5100	2000
PentaBDE #100	3100	2000
PentaBDE #99	16000	2000
HexaBDE #154	<2000	2000
HexaBDE #153	3100	2000
HeptaBDE #183	8000	2000
DecaBDE #209	5500000	39000

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<2000	2000
TetraBDE #49	<2000	2000
TetraBDE #66	<2000	2000
TetraBDE #71	<2000	2000
TetraBDE #77	<2000	2000
PentaBDE #85	7000	2000
PentaBDE #119	<2000	2000
PentaBDE #126	<2000	2000
HexaBDE #138	<2000	2000
HexaBDE #156	<2000	2000
HeptaBDE #184	<2000	2000
HeptaBDE #191	3000	2000
OctaBDE #196	35000	5900
OctaBDE #197	17000	5900
NonaBDE #206	250000	5900
NonaBDE #207	280000	5900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.014 Your reference: CT5		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1900	1900
TetraBDE #47	<1900	1900
PentaBDE #100	<1900	1900
PentaBDE #99	2900	1900
HexaBDE #154	<1900	1900
HexaBDE #153	<1900	1900
HeptaBDE #183	<1900	1900
DecaBDE #209	1600000	39000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1900	1900
TetraBDE #49	<1900	1900
TetraBDE #66	<1900	1900
TetraBDE #71	<1900	1900
TetraBDE #77	<1900	1900
PentaBDE #85	<1900	1900
PentaBDE #119	<1900	1900
PentaBDE #126	<1900	1900
HexaBDE #138	<1900	1900
HexaBDE #156	<1900	1900
HeptaBDE #184	<1900	1900
HeptaBDE #191	<1900	1900
OctaBDE #196	<5800	5800
OctaBDE #197	<5800	5800
NonaBDE #206	40000	5800
NonaBDE #207	39000	5800

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.015 Your reference: CT7		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1800	1800
TetraBDE #47	<1800	1800
PentaBDE #100	<1800	1800
PentaBDE #99	<1800	1800
HexaBDE #154	<1800	1800
HexaBDE #153	<1800	1800
HeptaBDE #183	2000	1800
DecaBDE #209	170000	37000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	<1800	1800
TetraBDE #66	<1800	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	<1800	1800
PentaBDE #119	<1800	1800
PentaBDE #126	<1800	1800
HexaBDE #138	<1800	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	<5500	5500
OctaBDE #197	<5500	5500
NonaBDE #206	6900	5500
NonaBDE #207	7400	5500

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.016 Your reference: CT8		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1600	1600
TetraBDE #47	<1600	1600
PentaBDE #100	<1600	1600
PentaBDE #99	9300	1600
HexaBDE #154	<1600	1600
HexaBDE #153	2100	1600
HeptaBDE #183	1700	1600
DecaBDE #209	2000000	33000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1600	1600
TetraBDE #49	<1600	1600
TetraBDE #66	<1600	1600
TetraBDE #71	<1600	1600
TetraBDE #77	<1600	1600
PentaBDE #85	6500	1600
PentaBDE #119	<1600	1600
PentaBDE #126	<1600	1600
HexaBDE #138	<1600	1600
HexaBDE #156	<1600	1600
HeptaBDE #184	<1600	1600
HeptaBDE #191	<1600	1600
OctaBDE #196	<4900	4900
OctaBDE #197	<4900	4900
NonaBDE #206	48000	4900
NonaBDE #207	47000	4900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.017 Your reference: CT10		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1800	1800
TetraBDE #47	<1800	1800
PentaBDE #100	<1800	1800
PentaBDE #99	5200	1800
HexaBDE #154	<1800	1800
HexaBDE #153	<1800	1800
HeptaBDE #183	<1800 (**)	1800
DecaBDE #209	180000	35000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	<1800	1800
TetraBDE #66	<1800	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	<1800	1800
PentaBDE #119	<1800	1800
PentaBDE #126	<1800	1800
HexaBDE #138	<1800	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	<5300	5300
OctaBDE #197	<5300	5300
NonaBDE #206	17000	5300
NonaBDE #207	11000	5300

(**) The value for the recovery standard was outside of the criteria described in the method

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.018 Your reference: CT9-1		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1800	1800
TetraBDE #47	<1800	1800
PentaBDE #100	<1800	1800
PentaBDE #99	2900	1800
HexaBDE #154	<1800	1800
HexaBDE #153	<1800	1800
HeptaBDE #183	1800	1800
DecaBDE #209	71000	36000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	<1800	1800
TetraBDE #66	<1800	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	<1800	1800
PentaBDE #119	<1800	1800
PentaBDE #126	<1800	1800
HexaBDE #138	<1800	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	<5300	5300
OctaBDE #197	<5300	5300
NonaBDE #206	6100	5300
NonaBDE #207	<5300	5300

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.019 Your reference: CT9-2		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1700	1700
TetraBDE #47	<1700	1700
PentaBDE #100	<1700	1700
PentaBDE #99	<1700	1700
HexaBDE #154	<1700	1700
HexaBDE #153	1900	1700
HeptaBDE #183	9700	1700
DecaBDE #209	170000	34000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1700	1700
TetraBDE #49	<1700	1700
TetraBDE #66	<1700	1700
TetraBDE #71	<1700	1700
TetraBDE #77	<1700	1700
PentaBDE #85	<1700	1700
PentaBDE #119	<1700	1700
PentaBDE #126	<1700	1700
HexaBDE #138	<1700	1700
HexaBDE #156	<1700	1700
HeptaBDE #184	<1700	1700
HeptaBDE #191	<1700	1700
OctaBDE #196	<5000	5000
OctaBDE #197	5200	5000
NonaBDE #206	11000	5000
NonaBDE #207	9700	5000

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.020 Your reference: CT6		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1900	1900
TetraBDE #47	160000 (*)	1900
PentaBDE #100	76000 (*)	1900
PentaBDE #99	350000 (*)	1900
HexaBDE #154	32000	1900
HexaBDE #153	33000	1900
HeptaBDE #183	<1900	1900
DecaBDE #209	310000	37000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1900	1900
TetraBDE #49	2600 (*)	1900
TetraBDE #66	<1900	1900
TetraBDE #71	6200	1900
TetraBDE #77	<1900	1900
PentaBDE #85	11000	1900
PentaBDE #119	7800	1900
PentaBDE #126	<1900	1900
HexaBDE #138	2800	1900
HexaBDE #156	<1900	1900
HeptaBDE #184	<1900	1900
HeptaBDE #191	<1900	1900
OctaBDE #196	<5600	5600
OctaBDE #197	<5600	5600
NonaBDE #206	29000	5600
NonaBDE #207	12000	5600

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.021 Your reference: N2		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1300	1300
TetraBDE #47	1800	1300
PentaBDE #100	<1300	1300
PentaBDE #99	4500	1300
HexaBDE #154	<1300	1300
HexaBDE #153	<1300	1300
HeptaBDE #183	<1300	1300
DecaBDE #209	240000	26000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1300	1300
TetraBDE #49	<1300	1300
TetraBDE #66	<1300	1300
TetraBDE #71	<1300	1300
TetraBDE #77	<1300	1300
PentaBDE #85	<1300	1300
PentaBDE #119	<1300	1300
PentaBDE #126	<1300	1300
HexaBDE #138	<1300	1300
HexaBDE #156	<1300	1300
HeptaBDE #184	<1300	1300
HeptaBDE #191	<1300	1300
OctaBDE #196	<3900	3900
OctaBDE #197	<3900	3900
NonaBDE #206	9400	3900
NonaBDE #207	7900	3900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.022 Your reference: N4		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1600	1600
TetraBDE #47	1800	1600
PentaBDE #100	<1600	1600
PentaBDE #99	6100	1600
HexaBDE #154	<1600	1600
HexaBDE #153	<1600	1600
HeptaBDE #183	<1600	1600
DecaBDE #209	630000	31000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1600	1600
TetraBDE #49	<1600	1600
TetraBDE #66	<1600	1600
TetraBDE #71	<1600	1600
TetraBDE #77	<1600	1600
PentaBDE #85	<1600	1600
PentaBDE #119	<1600	1600
PentaBDE #126	<1600	1600
HexaBDE #138	<1600	1600
HexaBDE #156	<1600	1600
HeptaBDE #184	<1600	1600
HeptaBDE #191	<1600	1600
OctaBDE #196	<4700	4700
OctaBDE #197	<4700	4700
NonaBDE #206	29000	4700
NonaBDE #207	22000	4700

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.	
Sample identification : IAC23-04096.023	Date of analysis: 05-05-2023
Your reference: N6	Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1800	1800
TetraBDE #47	4300	1800
PentaBDE #100	2100	1800
PentaBDE #99	9300	1800
HexaBDE #154	<1800	1800
HexaBDE #153	<1800	1800
HeptaBDE #183	3400	1800
DecaBDE #209	410000	35000

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	<1800	1800
TetraBDE #66	<1800	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	<1800	1800
PentaBDE #119	<1800	1800
PentaBDE #126	<1800	1800
HexaBDE #138	<1800	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	<5300	5300
OctaBDE #197	<5300	5300
NonaBDE #206	11000	5300
NonaBDE #207	11000	5300

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.	
Sample identification : IAC23-04096.024 Your reference: N8	Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1500	1500
TetraBDE #47	4700	1500
PentaBDE #100	<1500	1500
PentaBDE #99	3700	1500
HexaBDE #154	<1500	1500
HexaBDE #153	<1500	1500
HeptaBDE #183	<1500	1500
DecaBDE #209	310000	30000

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1500	1500
TetraBDE #49	<1500	1500
TetraBDE #66	<1500	1500
TetraBDE #71	<1500	1500
TetraBDE #77	<1500	1500
PentaBDE #85	<1500	1500
PentaBDE #119	<1500	1500
PentaBDE #126	<1500	1500
HexaBDE #138	<1500	1500
HexaBDE #156	<1500	1500
HeptaBDE #184	<1500	1500
HeptaBDE #191	<1500	1500
OctaBDE #196	<4500	4500
OctaBDE #197	<4500	4500
NonaBDE #206	9700	4500
NonaBDE #207	10000	4500

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.025 Your reference: N10		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1800	1800
TetraBDE #47	<1800	1800
PentaBDE #100	<1800	1800
PentaBDE #99	2300	1800
HexaBDE #154	<1800	1800
HexaBDE #153	<1800	1800
HeptaBDE #183	<1800	1800
DecaBDE #209	80000	35000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	<1800	1800
TetraBDE #66	<1800	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	<1800	1800
PentaBDE #119	<1800	1800
PentaBDE #126	<1800	1800
HexaBDE #138	<1800	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	<5300	5300
OctaBDE #197	<5300	5300
NonaBDE #206	<5300	5300
NonaBDE #207	<5300	5300

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.026 Your reference: CR2		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1400	1400
TetraBDE #47	2100	1400
PentaBDE #100	<1400	1400
PentaBDE #99	3000	1400
HexaBDE #154	<1400	1400
HexaBDE #153	<1400	1400
HeptaBDE #183	7800	1400
DecaBDE #209	2400000 (**)	28000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1400	1400
TetraBDE #49	<1400	1400
TetraBDE #66	<1400	1400
TetraBDE #71	<1400	1400
TetraBDE #77	<1400	1400
PentaBDE #85	<1400	1400
PentaBDE #119	<1400	1400
PentaBDE #126	<1400	1400
HexaBDE #138	<1400	1400
HexaBDE #156	<1400	1400
HeptaBDE #184	<1400	1400
HeptaBDE #191	<1400	1400
OctaBDE #196	<4200	4200
OctaBDE #197	<4200	4200
NonaBDE #206	83000	4200
NonaBDE #207	67000	4200

(**) The value for the recovery standard was outside of the criteria described in the method

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.027		Date of analysis: 05-05-2023
Your reference: CR8		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	4900	1800
TetraBDE #47	490000 (*)	1800
PentaBDE #100	170000 (*)	1800
PentaBDE #99	720000 (*)	1800
HexaBDE #154	71000	1800
HexaBDE #153	81000 (*)	1800
HeptaBDE #183	2800	1800
DecaBDE #209	82000	37000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	19000 (*)	1800
TetraBDE #66	17000	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	33000	1800
PentaBDE #119	16000	1800
PentaBDE #126	<1800	1800
HexaBDE #138	8400	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	<5500	5500
OctaBDE #197	<5500	5500
NonaBDE #206	<5500	5500
NonaBDE #207	<5500	5500

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.	
Sample identification : IAC23-04096.028	Date of analysis: 05-05-2023
Your reference: CR3	Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1900	1900
TetraBDE #47	3200	1900
PentaBDE #100	<1900	1900
PentaBDE #99	4400	1900
HexaBDE #154	<1900	1900
HexaBDE #153	<1900	1900
HeptaBDE #183	2400 (**)	1900
DecaBDE #209	360000	38000

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1900	1900
TetraBDE #49	<1900	1900
TetraBDE #66	<1900	1900
TetraBDE #71	<1900	1900
TetraBDE #77	<1900	1900
PentaBDE #85	<1900	1900
PentaBDE #119	<1900	1900
PentaBDE #126	<1900	1900
HexaBDE #138	<1900	1900
HexaBDE #156	<1900	1900
HeptaBDE #184	<1900	1900
HeptaBDE #191	<1900	1900
OctaBDE #196	6000	5700
OctaBDE #197	<5700	5700
NonaBDE #206	15000	5700
NonaBDE #207	14000	5700

(**) The value for the recovery standard was outside of the criteria described in the method

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.029 Your reference: CR4		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1500	1500
TetraBDE #47	<1500	1500
PentaBDE #100	<1500	1500
PentaBDE #99	<1500	1500
HexaBDE #154	<1500	1500
HexaBDE #153	<1500	1500
HeptaBDE #183	<1500	1500
DecaBDE #209	390000	30000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1500	1500
TetraBDE #49	<1500	1500
TetraBDE #66	<1500	1500
TetraBDE #71	<1500	1500
TetraBDE #77	<1500	1500
PentaBDE #85	<1500	1500
PentaBDE #119	<1500	1500
PentaBDE #126	<1500	1500
HexaBDE #138	<1500	1500
HexaBDE #156	<1500	1500
HeptaBDE #184	<1500	1500
HeptaBDE #191	<1500	1500
OctaBDE #196	<4500	4500
OctaBDE #197	<4500	4500
NonaBDE #206	13000	4500
NonaBDE #207	13000	4500

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.030 Your reference: CR7		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1500	1500
TetraBDE #47	2600	1500
PentaBDE #100	<1500	1500
PentaBDE #99	3300	1500
HexaBDE #154	<1500	1500
HexaBDE #153	<1500	1500
HeptaBDE #183	<1500	1500
DecaBDE #209	72000	29000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1500	1500
TetraBDE #49	<1500	1500
TetraBDE #66	<1500	1500
TetraBDE #71	<1500	1500
TetraBDE #77	<1500	1500
PentaBDE #85	<1500	1500
PentaBDE #119	<1500	1500
PentaBDE #126	<1500	1500
HexaBDE #138	<1500	1500
HexaBDE #156	<1500	1500
HeptaBDE #184	<1500	1500
HeptaBDE #191	<1500	1500
OctaBDE #196	<4400	4400
OctaBDE #197	<4400	4400
NonaBDE #206	<4400	4400
NonaBDE #207	<4400	4400

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.031 Your reference: CR10		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1300	1300
TetraBDE #47	2000	1300
PentaBDE #100	<1300	1300
PentaBDE #99	2300	1300
HexaBDE #154	<1300	1300
HexaBDE #153	<1300	1300
HeptaBDE #183	<1300	1300
DecaBDE #209	200000	26000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1300	1300
TetraBDE #49	<1300	1300
TetraBDE #66	<1300	1300
TetraBDE #71	<1300	1300
TetraBDE #77	<1300	1300
PentaBDE #85	<1300	1300
PentaBDE #119	<1300	1300
PentaBDE #126	<1300	1300
HexaBDE #138	<1300	1300
HexaBDE #156	<1300	1300
HeptaBDE #184	<1300	1300
HeptaBDE #191	<1300	1300
OctaBDE #196	<3900	3900
OctaBDE #197	<3900	3900
NonaBDE #206	10000	3900
NonaBDE #207	7400	3900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.033 Your reference: E3		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1700	1700
TetraBDE #47	5200	1700
PentaBDE #100	1900	1700
PentaBDE #99	11000	1700
HexaBDE #154	<1700	1700
HexaBDE #153	<1700	1700
HeptaBDE #183	<1700	1700
DecaBDE #209	380000	34000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1700	1700
TetraBDE #49	<1700	1700
TetraBDE #66	<1700	1700
TetraBDE #71	<1700	1700
TetraBDE #77	<1700	1700
PentaBDE #85	<1700	1700
PentaBDE #119	<1700	1700
PentaBDE #126	<1700	1700
HexaBDE #138	<1700	1700
HexaBDE #156	<1700	1700
HeptaBDE #184	<1700	1700
HeptaBDE #191	<1700	1700
OctaBDE #196	<5100	5100
OctaBDE #197	<5100	5100
NonaBDE #206	19000	5100
NonaBDE #207	13000	5100

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.034 Your reference: E5		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1400	1400
TetraBDE #47	9500	1400
PentaBDE #100	2000	1400
PentaBDE #99	9700	1400
HexaBDE #154	<1400	1400
HexaBDE #153	<1400	1400
HeptaBDE #183	1700	1400
DecaBDE #209	220000	29000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1400	1400
TetraBDE #49	<1400	1400
TetraBDE #66	<1400	1400
TetraBDE #71	<1400	1400
TetraBDE #77	<1400	1400
PentaBDE #85	<1400	1400
PentaBDE #119	<1400	1400
PentaBDE #126	<1400	1400
HexaBDE #138	<1400	1400
HexaBDE #156	<1400	1400
HeptaBDE #184	<1400	1400
HeptaBDE #191	<1400	1400
OctaBDE #196	<4300	4300
OctaBDE #197	<4300	4300
NonaBDE #206	6000	4300
NonaBDE #207	6300	4300

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.035 Your reference: E6		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1500	1500
TetraBDE #47	<1500	1500
PentaBDE #100	<1500	1500
PentaBDE #99	<1500	1500
HexaBDE #154	<1500	1500
HexaBDE #153	<1500	1500
HeptaBDE #183	<1500	1500
DecaBDE #209	6600000	30000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1500	1500
TetraBDE #49	<1500	1500
TetraBDE #66	<1500	1500
TetraBDE #71	<1500	1500
TetraBDE #77	<1500	1500
PentaBDE #85	<1500	1500
PentaBDE #119	<1500	1500
PentaBDE #126	<1500	1500
HexaBDE #138	<1500	1500
HexaBDE #156	<1500	1500
HeptaBDE #184	<1500	1500
HeptaBDE #191	<1500	1500
OctaBDE #196	6200	4500
OctaBDE #197	<4500	4500
NonaBDE #206	170000	4500
NonaBDE #207	74000	4500

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.036 Your reference: E7		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1900	1900
TetraBDE #47	3600	1900
PentaBDE #100	<1900	1900
PentaBDE #99	<1900	1900
HexaBDE #154	<1900	1900
HexaBDE #153	<1900	1900
HeptaBDE #183	2500	1900
DecaBDE #209	490000	37000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1900	1900
TetraBDE #49	<1900	1900
TetraBDE #66	<1900	1900
TetraBDE #71	<1900	1900
TetraBDE #77	<1900	1900
PentaBDE #85	<1900	1900
PentaBDE #119	<1900	1900
PentaBDE #126	<1900	1900
HexaBDE #138	<1900	1900
HexaBDE #156	<1900	1900
HeptaBDE #184	<1900	1900
HeptaBDE #191	<1900	1900
OctaBDE #196	<5600	5600
OctaBDE #197	<5600	5600
NonaBDE #206	22000	5600
NonaBDE #207	15000	5600

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.037 Your reference: E9-1		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1900	1900
TetraBDE #47	<1900	1900
PentaBDE #100	<1900	1900
PentaBDE #99	<1900	1900
HexaBDE #154	<1900	1900
HexaBDE #153	<1900	1900
HeptaBDE #183	<1900	1900
DecaBDE #209	230000	38000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1900	1900
TetraBDE #49	<1900	1900
TetraBDE #66	<1900	1900
TetraBDE #71	<1900	1900
TetraBDE #77	<1900	1900
PentaBDE #85	<1900	1900
PentaBDE #119	<1900	1900
PentaBDE #126	<1900	1900
HexaBDE #138	<1900	1900
HexaBDE #156	<1900	1900
HeptaBDE #184	<1900	1900
HeptaBDE #191	<1900	1900
OctaBDE #196	<5800	5800
OctaBDE #197	<5800	5800
NonaBDE #206	7700	5800
NonaBDE #207	8000	5800

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.038 Your reference: E9-2		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1400	1400
TetraBDE #47	<1400	1400
PentaBDE #100	<1400	1400
PentaBDE #99	<1400	1400
HexaBDE #154	<1400	1400
HexaBDE #153	<1400	1400
HeptaBDE #183	<1400	1400
DecaBDE #209	49000	29000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1400	1400
TetraBDE #49	<1400	1400
TetraBDE #66	<1400	1400
TetraBDE #71	<1400	1400
TetraBDE #77	<1400	1400
PentaBDE #85	<1400	1400
PentaBDE #119	<1400	1400
PentaBDE #126	<1400	1400
HexaBDE #138	<1400	1400
HexaBDE #156	<1400	1400
HeptaBDE #184	<1400	1400
HeptaBDE #191	<1400	1400
OctaBDE #196	<4300	4300
OctaBDE #197	<4300	4300
NonaBDE #206	<4300	4300
NonaBDE #207	<4300	4300

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.039 Your reference: M2		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1600	1600
TetraBDE #47	4000	1600
PentaBDE #100	1600	1600
PentaBDE #99	8500	1600
HexaBDE #154	<1600	1600
HexaBDE #153	2200	1600
HeptaBDE #183	4600	1600
DecaBDE #209	110000	32000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1600	1600
TetraBDE #49	<1600	1600
TetraBDE #66	<1600	1600
TetraBDE #71	<1600	1600
TetraBDE #77	<1600	1600
PentaBDE #85	3800	1600
PentaBDE #119	<1600	1600
PentaBDE #126	<1600	1600
HexaBDE #138	<1600	1600
HexaBDE #156	<1600	1600
HeptaBDE #184	<1600	1600
HeptaBDE #191	<1600	1600
OctaBDE #196	<4700	4700
OctaBDE #197	<4700	4700
NonaBDE #206	<4700	4700
NonaBDE #207	5100	4700

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.040 Your reference: M3		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1400	1400
TetraBDE #47	9600	1400
PentaBDE #100	3400	1400
PentaBDE #99	20000	1400
HexaBDE #154	2200	1400
HexaBDE #153	5800	1400
HeptaBDE #183	14000	1400
DecaBDE #209	5000000	28000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1400	1400
TetraBDE #49	1500	1400
TetraBDE #66	<1400	1400
TetraBDE #71	<1400	1400
TetraBDE #77	<1400	1400
PentaBDE #85	<1400	1400
PentaBDE #119	<1400	1400
PentaBDE #126	<1400	1400
HexaBDE #138	<1400	1400
HexaBDE #156	<1400	1400
HeptaBDE #184	<1400	1400
HeptaBDE #191	<1400	1400
OctaBDE #196	8400	4100
OctaBDE #197	<4100	4100
NonaBDE #206	140000	4100
NonaBDE #207	100000	4100

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.041 Your reference: M4		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1700	1700
TetraBDE #47	6900	1700
PentaBDE #100	3500	1700
PentaBDE #99	17000	1700
HexaBDE #154	<1700	1700
HexaBDE #153	2700	1700
HeptaBDE #183	3200	1700
DecaBDE #209	2800000	34000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1700	1700
TetraBDE #49	<1700	1700
TetraBDE #66	<1700	1700
TetraBDE #71	<1700	1700
TetraBDE #77	<1700	1700
PentaBDE #85	<1700	1700
PentaBDE #119	<1700	1700
PentaBDE #126	<1700	1700
HexaBDE #138	<1700	1700
HexaBDE #156	<1700	1700
HeptaBDE #184	<1700	1700
HeptaBDE #191	<1700	1700
OctaBDE #196	<5200	5200
OctaBDE #197	<5200	5200
NonaBDE #206	89000	5200
NonaBDE #207	66000	5200

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.042 Your reference: M1		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1500	1500
TetraBDE #47	2700	1500
PentaBDE #100	<1500	1500
PentaBDE #99	3800	1500
HexaBDE #154	<1500	1500
HexaBDE #153	<1500	1500
HeptaBDE #183	2200	1500
DecaBDE #209	200000	30000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1500	1500
TetraBDE #49	<1500	1500
TetraBDE #66	<1500	1500
TetraBDE #71	<1500	1500
TetraBDE #77	<1500	1500
PentaBDE #85	1800	1500
PentaBDE #119	<1500	1500
PentaBDE #126	<1500	1500
HexaBDE #138	<1500	1500
HexaBDE #156	<1500	1500
HeptaBDE #184	<1500	1500
HeptaBDE #191	<1500	1500
OctaBDE #196	<4600	4600
OctaBDE #197	<4600	4600
NonaBDE #206	7900	4600
NonaBDE #207	8200	4600

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.	
Sample identification : IAC23-04096.043 Your reference: M6	Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1400	1400
TetraBDE #47	2200	1400
PentaBDE #100	<1400	1400
PentaBDE #99	3600	1400
HexaBDE #154	<1400	1400
HexaBDE #153	<1400	1400
HeptaBDE #183	<1400	1400
DecaBDE #209	630000	28000

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1400	1400
TetraBDE #49	<1400	1400
TetraBDE #66	<1400	1400
TetraBDE #71	<1400	1400
TetraBDE #77	<1400	1400
PentaBDE #85	<1400	1400
PentaBDE #119	<1400	1400
PentaBDE #126	<1400	1400
HexaBDE #138	<1400	1400
HexaBDE #156	<1400	1400
HeptaBDE #184	<1400	1400
HeptaBDE #191	<1400	1400
OctaBDE #196	<4200	4200
OctaBDE #197	<4200	4200
NonaBDE #206	25000	4200
NonaBDE #207	18000	4200

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.	
Sample identification : IAC23-04096.044 Your reference: M7	Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1600	1600
TetraBDE #47	5100	1600
PentaBDE #100	<1600	1600
PentaBDE #99	7600	1600
HexaBDE #154	<1600	1600
HexaBDE #153	<1600	1600
HeptaBDE #183	2000	1600
DecaBDE #209	520000	32000

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1600	1600
TetraBDE #49	<1600	1600
TetraBDE #66	<1600	1600
TetraBDE #71	<1600	1600
TetraBDE #77	<1600	1600
PentaBDE #85	1600	1600
PentaBDE #119	<1600	1600
PentaBDE #126	<1600	1600
HexaBDE #138	<1600	1600
HexaBDE #156	<1600	1600
HeptaBDE #184	<1600	1600
HeptaBDE #191	<1600	1600
OctaBDE #196	<4900	4900
OctaBDE #197	<4900	4900
NonaBDE #206	26000	4900
NonaBDE #207	18000	4900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.045 Your reference: M8		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1300	1300
TetraBDE #47	47000 (*)	1300
PentaBDE #100	21000	1300
PentaBDE #99	100000 (*)	1300
HexaBDE #154	9900	1300
HexaBDE #153	10000	1300
HeptaBDE #183	2000	1300
DecaBDE #209	11000000	26000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1300	1300
TetraBDE #49	4100	1300
TetraBDE #66	<1300	1300
TetraBDE #71	<1300	1300
TetraBDE #77	<1300	1300
PentaBDE #85	4300	1300
PentaBDE #119	1400	1300
PentaBDE #126	<1300	1300
HexaBDE #138	<1300	1300
HexaBDE #156	<1300	1300
HeptaBDE #184	<1300	1300
HeptaBDE #191	<1300	1300
OctaBDE #196	<3900	3900
OctaBDE #197	<3900	3900
NonaBDE #206	430000	3900
NonaBDE #207	130000	3900

(*) The results are out of range of linearity

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.	
Sample identification : IAC23-04096.046	Date of analysis: 05-05-2023
Your reference: M5	Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1400	1400
TetraBDE #47	2000	1400
PentaBDE #100	<1400	1400
PentaBDE #99	3100	1400
HexaBDE #154	<1400	1400
HexaBDE #153	1400	1400
HeptaBDE #183	6100	1400
DecaBDE #209	840000	29000

Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1400	1400
TetraBDE #49	<1400	1400
TetraBDE #66	<1400	1400
TetraBDE #71	<1400	1400
TetraBDE #77	<1400	1400
PentaBDE #85	<1400	1400
PentaBDE #119	<1400	1400
PentaBDE #126	<1400	1400
HexaBDE #138	<1400	1400
HexaBDE #156	<1400	1400
HeptaBDE #184	<1400	1400
HeptaBDE #191	<1400	1400
OctaBDE #196	<4300	4300
OctaBDE #197	<4300	4300
NonaBDE #206	26000	4300
NonaBDE #207	20000	4300

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.047 Your reference: M10		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1700	1700
TetraBDE #47	<1700	1700
PentaBDE #100	<1700	1700
PentaBDE #99	<1700	1700
HexaBDE #154	<1700	1700
HexaBDE #153	<1700	1700
HeptaBDE #183	<1700	1700
DecaBDE #209	61000	34000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1700	1700
TetraBDE #49	<1700	1700
TetraBDE #66	<1700	1700
TetraBDE #71	<1700	1700
TetraBDE #77	<1700	1700
PentaBDE #85	<1700	1700
PentaBDE #119	<1700	1700
PentaBDE #126	<1700	1700
HexaBDE #138	<1700	1700
HexaBDE #156	<1700	1700
HeptaBDE #184	<1700	1700
HeptaBDE #191	<1700	1700
OctaBDE #196	<5100	5100
OctaBDE #197	<5100	5100
NonaBDE #206	<5100	5100
NonaBDE #207	<5100	5100

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.048 Your reference: M11		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<1800	1800
TetraBDE #47	5500	1800
PentaBDE #100	<1800	1800
PentaBDE #99	8700	1800
HexaBDE #154	<1800	1800
HexaBDE #153	2100	1800
HeptaBDE #183	9400	1800
DecaBDE #209	<37000	37000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<1800	1800
TetraBDE #49	<1800	1800
TetraBDE #66	<1800	1800
TetraBDE #71	<1800	1800
TetraBDE #77	<1800	1800
PentaBDE #85	2200	1800
PentaBDE #119	<1800	1800
PentaBDE #126	<1800	1800
HexaBDE #138	<1800	1800
HexaBDE #156	<1800	1800
HeptaBDE #184	<1800	1800
HeptaBDE #191	<1800	1800
OctaBDE #196	95000	5500
OctaBDE #197	<5500	5500
NonaBDE #206	4300000	5500
NonaBDE #207	1200000	5500

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Polybrominated components.		
Sample identification : IAC23-04096.049 Your reference: M12		Date of analysis: 05-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #28	<2000	2000
TetraBDE #47	<2000	2000
PentaBDE #100	<2000	2000
PentaBDE #99	<2000	2000
HexaBDE #154	<2000	2000
HexaBDE #153	<2000	2000
HeptaBDE #183	<2000	2000
DecaBDE #209	340000	39000
Determination of Polybrominated Diphenylethers		
Component	Concentration (ng/kg)	Reporting Limit (ng/kg)
TriBDE #17	<2000	2000
TetraBDE #49	<2000	2000
TetraBDE #66	<2000	2000
TetraBDE #71	<2000	2000
TetraBDE #77	<2000	2000
PentaBDE #85	<2000	2000
PentaBDE #119	<2000	2000
PentaBDE #126	<2000	2000
HexaBDE #138	<2000	2000
HexaBDE #156	<2000	2000
HeptaBDE #184	<2000	2000
HeptaBDE #191	<2000	2000
OctaBDE #196	<5900	5900
OctaBDE #197	<5900	5900
NonaBDE #206	16000	5900
NonaBDE #207	12000	5900

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.001			Date of analysis: 26-04-2023		
Your reference: C5			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2700				
PCB #52	2300				
PCB #101	3600				
PCB #138	7100				
PCB #153	10000				
PCB #180	8300				
Total of the 6 PCB's	34000				
Total PCB's = Total of the 6 PCB's * 5	170000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.002			Date of analysis: 26-04-2023		
Your reference: C3			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	13000				
PCB #52	8700				
PCB #101	17000				
PCB #138	29000				
PCB #153	45000				
PCB #180	27000				
Total of the 6 PCB's	140000				
Total PCB's = Total of the 6 PCB's * 5	710000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.003			Date of analysis: 26-04-2023		
Your reference: C6			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1600				
PCB #52	<1600				
PCB #101	<1600				
PCB #138	<1600				
PCB #153	2400				
PCB #180	<1600				
Total of the 6 PCB's	2400 - 11000				
Total PCB's = Total of the 6 PCB's * 5	12000 - 53000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.004			Date of analysis: 26-04-2023		
Your reference: C8			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2400				
PCB #52	<1900				
PCB #101	<1900				
PCB #138	<1900				
PCB #153	2500				
PCB #180	<1900				
Total of the 6 PCB's	5000 - 13000				
Total PCB's = Total of the 6 PCB's * 5	25000 - 63000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.005 Your reference: C11			Date of analysis: 26-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1700				
PCB #52	<1700				
PCB #101	3000				
PCB #138	4400				
PCB #153	5800				
PCB #180	2500				
Total of the 6 PCB's	16000 - 19000				
Total PCB's = Total of the 6 PCB's * 5	79000 - 96000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.006			Date of analysis: 26-04-2023		
Your reference: A2			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	5100				
PCB #52	3800				
PCB #101	5600				
PCB #138	8500				
PCB #153	12000				
PCB #180	7300				
Total of the 6 PCB's	42000				
Total PCB's = Total of the 6 PCB's * 5	210000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.007			Date of sampling: <i>unknown</i>		
Your reference: A3			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	N.A.				
PCB #52	N.A.				
PCB #101	N.A.				
PCB #138	N.A.				
PCB #153	N.A.				
PCB #180	N.A.				
Total of the 6 PCB's	N.A.				
Total PCB's = Total of the 6 PCB's * 5	N.A.				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.008			Date of analysis: 26-04-2023		
Your reference: A5			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2600				
PCB #52	3400				
PCB #101	7800				
PCB #138	12000				
PCB #153	20000				
PCB #180	12000				
Total of the 6 PCB's	58000				
Total PCB's = Total of the 6 PCB's * 5	290000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)

Sample identification : IAC23-04096.009

Date of analysis: 27-04-2023

Your reference: A6

Date of sampling: *unknown*

Sampled by: *Third party*

Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3000				
PCB #52	3900				
PCB #101	5400				
PCB #138	6500				
PCB #153	8500				
PCB #180	3100				
Total of the 6 PCB's	30000				
Total PCB's = Total of the 6 PCB's * 5	150000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.010			Date of analysis: 27-04-2023		
Your reference: A7			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3200				
PCB #52	3500				
PCB #101	7100				
PCB #138	9600				
PCB #153	14000				
PCB #180	7500				
Total of the 6 PCB's	45000				
Total PCB's = Total of the 6 PCB's * 5	230000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)

Sample identification : IAC23-04096.011
 Your reference: CT1

Date of analysis: 27-04-2023
 Date of sampling: *unknown*
 Sampled by: *Third party*

Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	5100				
PCB #52	3300				
PCB #101	4200				
PCB #138	5100				
PCB #153	7200				
PCB #180	3400				
Total of the 6 PCB's	28000				
Total PCB's = Total of the 6 PCB's * 5	140000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.012			Date of analysis: 27-04-2023		
Your reference: CT2			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	8400				
PCB #52	4900				
PCB #101	9300				
PCB #138	16000				
PCB #153	24000				
PCB #180	14000				
Total of the 6 PCB's	76000				
Total PCB's = Total of the 6 PCB's * 5	380000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)

Sample identification : IAC23-04096.013

Date of analysis: 26-04-2023

Your reference: CT3

Date of sampling: *unknown*

Sampled by: *Third party*

Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	14000				
PCB #52	8000				
PCB #101	6400				
PCB #138	6700				
PCB #153	10000				
PCB #180	3800				
Total of the 6 PCB's	50000				
Total PCB's = Total of the 6 PCB's * 5	250000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.014			Date of analysis: 26-04-2023		
Your reference: CT5			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2600				
PCB #52	2300				
PCB #101	6400				
PCB #138	11000				
PCB #153	19000				
PCB #180	12000				
Total of the 6 PCB's	53000				
Total PCB's = Total of the 6 PCB's * 5	270000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.015			Date of analysis: 05-05-2023		
Your reference: CT7			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2.1				2.0
PCB #52	<2.0				2.0
PCB #101	2.1				2.0
PCB #138	2.6				2.0
PCB #153	4.2				2.0
PCB #180	<2.0				2.0
Total of the 6 PCB's	45000				12
Total PCB's = Total of the 6 PCB's * 5	55 - 75				60

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.016			Date of analysis: 02-05-2023		
Your reference: CT8			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2800				
PCB #52	2600				
PCB #101	4000				
PCB #138	5500				
PCB #153	8000				
PCB #180	9200				
Total of the 6 PCB's	32000				
Total PCB's = Total of the 6 PCB's * 5	160000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.017			Date of analysis: 02-05-2023		
Your reference: CT10			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1700				
PCB #52	<1700				
PCB #101	<1700				
PCB #138	<1700				
PCB #153	2500				
PCB #180	<1700				
Total of the 6 PCB's	2500 - 11000				
Total PCB's = Total of the 6 PCB's * 5	12000 - 54000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.018			Date of analysis: 02-05-2023		
Your reference: CT9-1			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2500				
PCB #52	3200				
PCB #101	5400				
PCB #138	6800				
PCB #153	9100				
PCB #180	3500				
Total of the 6 PCB's	31000				
Total PCB's = Total of the 6 PCB's * 5	150000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.019			Date of analysis: 02-05-2023		
Your reference: CT9-2			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2800				
PCB #52	3600				
PCB #101	4900				
PCB #138	4500				
PCB #153	6700				
PCB #180	2200				
Total of the 6 PCB's	25000				
Total PCB's = Total of the 6 PCB's * 5	120000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.020			Date of analysis: 02-05-2023		
Your reference: CT6			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2600				
PCB #52	19000				
PCB #101	27000				
PCB #138	15000				
PCB #153	23000				
PCB #180	7100				
Total of the 6 PCB's	92000				
Total PCB's = Total of the 6 PCB's * 5	460000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.021			Date of analysis: 02-05-2023		
Your reference: N2			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2900				
PCB #52	2400				
PCB #101	4200				
PCB #138	7200				
PCB #153	10000				
PCB #180	6600				
Total of the 6 PCB's	34000				
Total PCB's = Total of the 6 PCB's * 5	170000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.022			Date of analysis: 02-05-2023		
Your reference: N4			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3000				
PCB #52	<2000				
PCB #101	<2000				
PCB #138	2500				
PCB #153	3400				
PCB #180	<2000				
Total of the 6 PCB's	8900 - 15000				
Total PCB's = Total of the 6 PCB's * 5	44000 - 74000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.023			Date of analysis: 02-05-2023		
Your reference: N6			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	28000				
PCB #52	6100				
PCB #101	4600				
PCB #138	5000				
PCB #153	8000				
PCB #180	3200				
Total of the 6 PCB's	54000				
Total PCB's = Total of the 6 PCB's * 5	270000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.024			Date of analysis: 02-05-2023		
Your reference: N8			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1500				
PCB #52	<1500				
PCB #101	3900				
PCB #138	7200				
PCB #153	12000				
PCB #180	7200				
Total of the 6 PCB's	30000 - 34000				
Total PCB's = Total of the 6 PCB's * 5	150000 - 170000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.025			Date of analysis: 02-05-2023		
Your reference: N10			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1800				
PCB #52	2300				
PCB #101	8100				
PCB #138	13000				
PCB #153	22000				
PCB #180	14000				
Total of the 6 PCB's	59000 - 60000				
Total PCB's = Total of the 6 PCB's * 5	290000 - 300000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.026			Date of analysis: 02-05-2023		
Your reference: CR2			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	4100				
PCB #52	4600				
PCB #101	12000				
PCB #138	18000				
PCB #153	29000				
PCB #180	16000				
Total of the 6 PCB's	84000				
Total PCB's = Total of the 6 PCB's * 5	420000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.027			Date of analysis: 02-05-2023		
Your reference: CR8			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1800				
PCB #52	<1800				
PCB #101	<1800				
PCB #138	<1800				
PCB #153	2600				
PCB #180	<1800				
Total of the 6 PCB's	2600 - 12000				
Total PCB's = Total of the 6 PCB's * 5	13000 - 58000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.028			Date of analysis: 02-05-2023		
Your reference: CR3			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3000				
PCB #52	3100				
PCB #101	9600				
PCB #138	21000				
PCB #153	34000				
PCB #180	29000				
Total of the 6 PCB's	99000				
Total PCB's = Total of the 6 PCB's * 5	490000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.029			Date of analysis: 02-05-2023		
Your reference: CR4			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1500				
PCB #52	<1500				
PCB #101	<1500				
PCB #138	<1500				
PCB #153	1600				
PCB #180	<1500				
Total of the 6 PCB's	1600 - 9100				
Total PCB's = Total of the 6 PCB's * 5	7900 - 45000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)

Sample identification : IAC23-04096.030

Date of analysis: 02-05-2023

Your reference: CR7

Date of sampling: *unknown*

Sampled by: *Third party*

Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3100				
PCB #52	15000				
PCB #101	48000				
PCB #138	63000				
PCB #153	100000				
PCB #180	50000				
Total of the 6 PCB's	280000				
Total PCB's = Total of the 6 PCB's * 5	1400000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.031			Date of analysis: 02-05-2023		
Your reference: CR10			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	19000				
PCB #52	4600				
PCB #101	3400				
PCB #138	3500				
PCB #153	5800				
PCB #180	2200				
Total of the 6 PCB's	38000				
Total PCB's = Total of the 6 PCB's * 5	190000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.032			Date of sampling: <i>unknown</i>		
Your reference: <i>E2</i>			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	N.A.				
PCB #52	N.A.				
PCB #101	N.A.				
PCB #138	N.A.				
PCB #153	N.A.				
PCB #180	N.A.				
Total of the 6 PCB's	N.A.				
Total PCB's = Total of the 6 PCB's * 5	N.A.				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.033			Date of analysis: 02-05-2023		
Your reference: E3			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	1800				
PCB #52	2100				
PCB #101	4000				
PCB #138	6300				
PCB #153	10000				
PCB #180	5600				
Total of the 6 PCB's	30000				
Total PCB's = Total of the 6 PCB's * 5	150000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.034			Date of analysis: 02-05-2023		
Your reference: E5			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1400				
PCB #52	<1400				
PCB #101	2100				
PCB #138	3200				
PCB #153	5200				
PCB #180	3000				
Total of the 6 PCB's	14000 - 17000				
Total PCB's = Total of the 6 PCB's * 5	68000 - 83000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.035			Date of analysis: 02-05-2023		
Your reference: E6			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2000				
PCB #52	<1500				
PCB #101	<1500				
PCB #138	1600				
PCB #153	2500				
PCB #180	<1500				
Total of the 6 PCB's	6100 - 11000				
Total PCB's = Total of the 6 PCB's * 5	31000 - 53000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.036			Date of analysis: 02-05-2023		
Your reference: E7			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3200				
PCB #52	3400				
PCB #101	4500				
PCB #138	6700				
PCB #153	11000				
PCB #180	6100				
Total of the 6 PCB's	35000				
Total PCB's = Total of the 6 PCB's * 5	180000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.037			Date of analysis: 02-05-2023		
Your reference: E9-1			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1900				
PCB #52	<1900				
PCB #101	4700				
PCB #138	19000				
PCB #153	32000				
PCB #180	22000				
Total of the 6 PCB's	78000 - 82000				
Total PCB's = Total of the 6 PCB's * 5	390000 - 410000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.038			Date of analysis: 02-05-2023		
Your reference: E9-2			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1400				
PCB #52	<1400				
PCB #101	7300				
PCB #138	13000				
PCB #153	25000				
PCB #180	17000				
Total of the 6 PCB's	63000 - 66000				
Total PCB's = Total of the 6 PCB's * 5	320000 - 330000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.039			Date of analysis: 02-05-2023		
Your reference: M2			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3700				
PCB #52	<1600				
PCB #101	2100				
PCB #138	3300				
PCB #153	5100				
PCB #180	2800				
Total of the 6 PCB's	17000 - 19000				
Total PCB's = Total of the 6 PCB's * 5	85000 - 93000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.040 Your reference: M3			Date of analysis: 02-05-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	19000				
PCB #52	8000				
PCB #101	6900				
PCB #138	12000				
PCB #153	16000				
PCB #180	10000				
Total of the 6 PCB's	71000				
Total PCB's = Total of the 6 PCB's * 5	360000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.041			Date of analysis: 02-05-2023		
Your reference: M4			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	8900				
PCB #52	3900				
PCB #101	4600				
PCB #138	7600				
PCB #153	11000				
PCB #180	5300				
Total of the 6 PCB's	41000				
Total PCB's = Total of the 6 PCB's * 5	210000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.042			Date of analysis: 02-05-2023		
Your reference: M1			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	9800				
PCB #52	4100				
PCB #101	3800				
PCB #138	4700				
PCB #153	6500				
PCB #180	3300				
Total of the 6 PCB's	32000				
Total PCB's = Total of the 6 PCB's * 5	160000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.043			Date of analysis: 02-05-2023		
Your reference: M6			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3000				
PCB #52	2700				
PCB #101	8700				
PCB #138	13000				
PCB #153	22000				
PCB #180	11000				
Total of the 6 PCB's	61000				
Total PCB's = Total of the 6 PCB's * 5	300000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.044			Date of analysis: 02-05-2023		
Your reference: M7			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	2800				
PCB #52	3700				
PCB #101	4400				
PCB #138	3100				
PCB #153	4500				
PCB #180	1800				
Total of the 6 PCB's	20000				
Total PCB's = Total of the 6 PCB's * 5	100000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)

Sample identification : IAC23-04096.045

Date of analysis: 02-05-2023

Your reference: M8

Date of sampling: *unknown*

Sampled by: *Third party*

Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	3200				
PCB #52	3200				
PCB #101	4800				
PCB #138	6100				
PCB #153	9800				
PCB #180	4300				
Total of the 6 PCB's	31000				
Total PCB's = Total of the 6 PCB's * 5	160000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.046			Date of analysis: 02-05-2023		
Your reference: M5			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1400				
PCB #52	<1400				
PCB #101	<1400				
PCB #138	<1400				
PCB #153	2100				
PCB #180	<1400				
Total of the 6 PCB's	2100 - 9300				
Total PCB's = Total of the 6 PCB's * 5	11000 - 47000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.047			Date of analysis: 02-05-2023		
Your reference: M10			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1700				
PCB #52	<1700				
PCB #101	2500				
PCB #138	2800				
PCB #153	3500				
PCB #180	<1700				
Total of the 6 PCB's	8700 - 14000				
Total PCB's = Total of the 6 PCB's * 5	44000 - 69000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.048			Date of analysis: 02-05-2023		
Your reference: M11			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<1800				
PCB #52	<1800				
PCB #101	<1800				
PCB #138	<1800				
PCB #153	2900				
PCB #180	<1800				
Total of the 6 PCB's	2900 - 12000				
Total PCB's = Total of the 6 PCB's * 5	14000 - 61000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.049			Date of analysis: 02-05-2023		
Your reference: M12			Date of sampling: <i>unknown</i>		
			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	<2000				
PCB #52	2400				
PCB #101	3000				
PCB #138	2700				
PCB #153	4900				
PCB #180	2200				
Total of the 6 PCB's	15000 - 17000				
Total PCB's = Total of the 6 PCB's * 5	76000 - 86000				

ANALYTICAL REPORT : IAC23-04096_R1

Determination of Non dioxin-like Polychlorinated Biphenyls (PCB)					
Sample identification : IAC23-04096.050			Date of sampling: <i>unknown</i>		
Your reference: <i>M9</i>			Sampled by: <i>Third party</i>		
Component	Concentration (ng/kg)	Concentration (ng/kg) Lowerbound	Concentration (ng/kg) Middlebound	Concentration (ng/kg) Upperbound	Concentration (ng/kg) Reporting Limit
PCB (#28 + #31)	N.A.				
PCB #52	N.A.				
PCB #101	N.A.				
PCB #138	N.A.				
PCB #153	N.A.				
PCB #180	N.A.				
Total of the 6 PCB's	N.A.				
Total PCB's = Total of the 6 PCB's * 5	N.A.				

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.001 Your reference: C5	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	62.1
13C-PCB #52	48.6
13C-PCB #101	53.6
13C-PCB #138	51.1
13C-PCB #153	53.4
13C-PCB #180	52.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.002 Your reference: C3	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	165
13C-PCB #52	79.9
13C-PCB #101	88.6
13C-PCB #138	85.3
13C-PCB #153	85.2
13C-PCB #180	84.6

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.003 Your reference: C6	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	121
13C-PCB #52	79.9
13C-PCB #101	89.2
13C-PCB #138	87.6
13C-PCB #153	79.9
13C-PCB #180	89.7

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.004 Your reference: C8	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	73.0
13C-PCB #52	71.8
13C-PCB #101	67.6
13C-PCB #138	63.8
13C-PCB #153	58.8
13C-PCB #180	66.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.005 Your reference: C11	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	64.1
13C-PCB #52	80.5
13C-PCB #101	87.1
13C-PCB #138	77.3
13C-PCB #153	85.1
13C-PCB #180	80.7

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.006 Your reference: A2	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	71.8
13C-PCB #52	87.0
13C-PCB #101	86.5
13C-PCB #138	78.2
13C-PCB #153	86.8
13C-PCB #180	83.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.007 Your reference: A3	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	N.A.
13C-PCB #52	N.A.
13C-PCB #101	N.A.
13C-PCB #138	N.A.
13C-PCB #153	N.A.
13C-PCB #180	N.A.

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.008 Your reference: A5	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	78.9
13C-PCB #52	91.9
13C-PCB #101	91.6
13C-PCB #138	77.9
13C-PCB #153	73.4
13C-PCB #180	86.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.009 Your reference: A6	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	68.3
13C-PCB #52	46.7
13C-PCB #101	51.3
13C-PCB #138	44.0
13C-PCB #153	46.8
13C-PCB #180	46.6

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.010 Your reference: A7	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	75.0
13C-PCB #52	50.1
13C-PCB #101	55.4
13C-PCB #138	56.0
13C-PCB #153	51.2
13C-PCB #180	54.7

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.011 Your reference: CT1	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	90.6
13C-PCB #52	66.9
13C-PCB #101	74.4
13C-PCB #138	76.2
13C-PCB #153	73.7
13C-PCB #180	76.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.012 Your reference: CT2	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	55.6
13C-PCB #52	51.2
13C-PCB #101	57.0
13C-PCB #138	56.2
13C-PCB #153	56.0
13C-PCB #180	60.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.013 Your reference: CT3	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	71.3
13C-PCB #52	41.3
13C-PCB #101	52.5
13C-PCB #138	43.8
13C-PCB #153	45.4
13C-PCB #180	45.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.014 Your reference: CT5	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	49.0
13C-PCB #52	34.6 (**)
13C-PCB #101	38.8 (**)
13C-PCB #138	33.4 (**)
13C-PCB #153	34.6 (**)
13C-PCB #180	34.2 (**)

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.015 Your reference: CT7	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	63.5
13C-PCB #52	43.6
13C-PCB #101	50.0
13C-PCB #138	51.0
13C-PCB #153	53.5
13C-PCB #180	51.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.016 Your reference: CT8	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	42.1
13C-PCB #52	49.5
13C-PCB #101	54.8
13C-PCB #138	45.6
13C-PCB #153	50.6
13C-PCB #180	48.9

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.017 Your reference: CT10	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	41.9
13C-PCB #52	49.2
13C-PCB #101	57.0
13C-PCB #138	55.5
13C-PCB #153	59.4
13C-PCB #180	55.9

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.018 Your reference: CT9-1	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	39.6 (**)
13C-PCB #52	44.7
13C-PCB #101	44.4
13C-PCB #138	38.4 (**)
13C-PCB #153	42.5
13C-PCB #180	40.1

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.019 Your reference: CT9-2	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	35.3 (**)
13C-PCB #52	42.4
13C-PCB #101	47.1
13C-PCB #138	41.9
13C-PCB #153	42.3
13C-PCB #180	48.6

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.020 Your reference: CT6	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	23.7 (**)
13C-PCB #52	32.7 (**)
13C-PCB #101	36.0 (**)
13C-PCB #138	30.8 (**)
13C-PCB #153	34.4 (**)
13C-PCB #180	33.4 (**)

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.021 Your reference: N2	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	43.0
13C-PCB #52	55.1
13C-PCB #101	60.3
13C-PCB #138	50.0
13C-PCB #153	56.4
13C-PCB #180	56.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.022 Your reference: N4	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	67.9
13C-PCB #52	80.1
13C-PCB #101	82.5
13C-PCB #138	74.4
13C-PCB #153	81.1
13C-PCB #180	77.0

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.023 Your reference: N6	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	94.4
13C-PCB #52	69.3
13C-PCB #101	80.8
13C-PCB #138	71.3
13C-PCB #153	74.5
13C-PCB #180	73.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.024 Your reference: N8	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	83.1
13C-PCB #52	68.2
13C-PCB #101	79.0
13C-PCB #138	75.9
13C-PCB #153	79.5
13C-PCB #180	77.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.025 Your reference: <i>N10</i>	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	76.6
13C-PCB #52	63.0
13C-PCB #101	74.6
13C-PCB #138	67.2
13C-PCB #153	62.1
13C-PCB #180	70.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.026 Your reference: CR2	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	65.3
13C-PCB #52	67.6
13C-PCB #101	77.5
13C-PCB #138	72.5
13C-PCB #153	79.8
13C-PCB #180	76.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.027 Your reference: CR8	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	79.7
13C-PCB #52	69.2
13C-PCB #101	74.9
13C-PCB #138	69.2
13C-PCB #153	63.8
13C-PCB #180	73.7

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.028 Your reference: CR3	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	62.6
13C-PCB #52	74.2
13C-PCB #101	79.1
13C-PCB #138	65.0
13C-PCB #153	73.6
13C-PCB #180	74.0

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.029 Your reference: CR4	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	74.7
13C-PCB #52	72.0
13C-PCB #101	77.9
13C-PCB #138	62.2
13C-PCB #153	72.8
13C-PCB #180	74.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.030 Your reference: CR7	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	97.7
13C-PCB #52	73.5
13C-PCB #101	81.3
13C-PCB #138	78.6
13C-PCB #153	77.5
13C-PCB #180	77.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.031 Your reference: CR10	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	64.8
13C-PCB #52	68.5
13C-PCB #101	81.4
13C-PCB #138	77.8
13C-PCB #153	75.0
13C-PCB #180	82.4

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.032 Your reference: E2	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	N.A.
13C-PCB #52	N.A.
13C-PCB #101	N.A.
13C-PCB #138	N.A.
13C-PCB #153	N.A.
13C-PCB #180	N.A.

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.033 Your reference: E3	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	99.0
13C-PCB #52	77.1
13C-PCB #101	84.4
13C-PCB #138	73.6
13C-PCB #153	77.1
13C-PCB #180	75.1

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.034 Your reference: E5	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	126
13C-PCB #52	76.8
13C-PCB #101	83.5
13C-PCB #138	74.4
13C-PCB #153	76.2
13C-PCB #180	77.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.035 Your reference: E6	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	111
13C-PCB #52	77.8
13C-PCB #101	83.3
13C-PCB #138	75.6
13C-PCB #153	75.1
13C-PCB #180	78.0

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.036 Your reference: E7	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	94.9
13C-PCB #52	76.1
13C-PCB #101	93.9
13C-PCB #138	92.0
13C-PCB #153	98.3
13C-PCB #180	93.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.037 Your reference: E9-1	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	124
13C-PCB #52	83.7
13C-PCB #101	93.5
13C-PCB #138	91.4
13C-PCB #153	86.7
13C-PCB #180	88.0

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.038 Your reference: E9-2	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	82.1
13C-PCB #52	67.2
13C-PCB #101	83.4
13C-PCB #138	77.3
13C-PCB #153	79.2
13C-PCB #180	77.7

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.039 Your reference: M2	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	82.9
13C-PCB #52	69.6
13C-PCB #101	80.1
13C-PCB #138	72.8
13C-PCB #153	75.3
13C-PCB #180	72.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.040 Your reference: M3	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	132 (**)
13C-PCB #52	84.9
13C-PCB #101	94.7
13C-PCB #138	87.7
13C-PCB #153	92.5
13C-PCB #180	89.7

(**) Recoveries do not meet the quality criteria of the analytical method

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.041 Your reference: M4	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	113
13C-PCB #52	74.0
13C-PCB #101	87.0
13C-PCB #138	80.0
13C-PCB #153	72.0
13C-PCB #180	83.9

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.042 Your reference: M1	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	91.1
13C-PCB #52	60.7
13C-PCB #101	78.1
13C-PCB #138	71.9
13C-PCB #153	62.2
13C-PCB #180	73.5

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.043 Your reference: M6	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	105
13C-PCB #52	73.6
13C-PCB #101	82.8
13C-PCB #138	76.8
13C-PCB #153	80.7
13C-PCB #180	79.2

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.044 Your reference: M7	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	80.0
13C-PCB #52	54.2
13C-PCB #101	61.2
13C-PCB #138	59.0
13C-PCB #153	59.6
13C-PCB #180	59.0

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.045 Your reference: M8	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	93.1
13C-PCB #52	62.5
13C-PCB #101	74.8
13C-PCB #138	77.8
13C-PCB #153	81.5
13C-PCB #180	76.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.046 Your reference: M5	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	114
13C-PCB #52	63.9
13C-PCB #101	66.3
13C-PCB #138	56.8
13C-PCB #153	55.5
13C-PCB #180	63.9

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.047 Your reference: M10	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	90.1
13C-PCB #52	74.2
13C-PCB #101	79.0
13C-PCB #138	71.3
13C-PCB #153	76.6
13C-PCB #180	72.8

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.048 Your reference: <i>M11</i>	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	89.7
13C-PCB #52	76.2
13C-PCB #101	75.9
13C-PCB #138	67.0
13C-PCB #153	71.4
13C-PCB #180	66.6

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.049 Your reference: M12	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	97.4
13C-PCB #52	71.2
13C-PCB #101	82.0
13C-PCB #138	82.2
13C-PCB #153	87.5
13C-PCB #180	83.3

ANALYTICAL REPORT : IAC23-04096_R1

Recovery standards - Non dioxin-like Polychlorinated Biphenyls (PCB)	
Sample identification : IAC23-04096.050 Your reference: M9	
Component	Recovery 13C extraction standards (%)
13C-PCB #28	N.A.
13C-PCB #52	N.A.
13C-PCB #101	N.A.
13C-PCB #138	N.A.
13C-PCB #153	N.A.
13C-PCB #180	N.A.

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.001 Your reference: C5		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	25000	10
Iron (Fe)	12000	10
Magnesium (Mg)	2900	5
Zinc (Zn)	1100	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.4	0.10
Cadmium (Cd)	1.3	0.050
Chromium (Cr)	70	0.050
Copper (Cu)	250	0.050
Manganese (Mn)	380	0.050
Nickel (Ni)	62	0.050
Lead (Pb)	150	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.16	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.002 Your reference: C3		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	41000	10
Iron (Fe)	15000	10
Magnesium (Mg)	4200	5
Zinc (Zn)	1600	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	5.3	0.10
Cadmium (Cd)	3.5	0.050
Chromium (Cr)	85	0.050
Copper (Cu)	310	0.050
Manganese (Mn)	580	0.050
Nickel (Ni)	110	0.050
Lead (Pb)	200	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.26	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.003 Your reference: C6		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	42000	10
Iron (Fe)	12000	10
Magnesium (Mg)	9000	5
Zinc (Zn)	880	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.7	0.10
Cadmium (Cd)	0.69	0.050
Chromium (Cr)	110	0.050
Copper (Cu)	200	0.050
Manganese (Mn)	490	0.050
Nickel (Ni)	160	0.050
Lead (Pb)	130	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.12	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.004 Your reference: C8		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	23000	10
Iron (Fe)	7800	10
Magnesium (Mg)	3000	5
Zinc (Zn)	1900	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	2.8	0.10
Cadmium (Cd)	1.0	0.050
Chromium (Cr)	34	0.050
Copper (Cu)	74	0.050
Manganese (Mn)	480	0.050
Nickel (Ni)	24	0.050
Lead (Pb)	52	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	<0.050	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.005 Your reference: C11		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	20000	10
Iron (Fe)	12000	10
Magnesium (Mg)	2300	5
Zinc (Zn)	970	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	5.6	0.10
Cadmium (Cd)	0.82	0.050
Chromium (Cr)	35	0.050
Copper (Cu)	300	0.050
Manganese (Mn)	360	0.050
Nickel (Ni)	55	0.050
Lead (Pb)	620	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.098	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.006 Your reference: A2		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	58000	10
Iron (Fe)	16000	10
Magnesium (Mg)	4400	5
Zinc (Zn)	1500	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	7.4	0.10
Cadmium (Cd)	3.2	0.050
Chromium (Cr)	81	0.050
Copper (Cu)	200	0.050
Manganese (Mn)	1100	0.050
Nickel (Ni)	62	0.050
Lead (Pb)	110	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.11	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.007 Your reference: A3		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	37000	10
Iron (Fe)	19000	10
Magnesium (Mg)	3500	5
Zinc (Zn)	1400	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	14	0.10
Cadmium (Cd)	2.5	0.050
Chromium (Cr)	74	0.050
Copper (Cu)	320	0.050
Manganese (Mn)	1100	0.050
Nickel (Ni)	50	0.050
Lead (Pb)	220	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.17	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.008		Date of analysis: 27-04-2023
Your reference: A5		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	55000	10
Iron (Fe)	18000	10
Magnesium (Mg)	4000	5
Zinc (Zn)	1100	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	7.7	0.10
Cadmium (Cd)	7.8	0.050
Chromium (Cr)	120	0.050
Copper (Cu)	480	0.050
Manganese (Mn)	680	0.050
Nickel (Ni)	82	0.050
Lead (Pb)	200	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.12	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.009 Your reference: A6		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	43000	10
Iron (Fe)	7600	10
Magnesium (Mg)	3100	5
Zinc (Zn)	800	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.7	0.10
Cadmium (Cd)	1.2	0.050
Chromium (Cr)	46	0.050
Copper (Cu)	210	0.050
Manganese (Mn)	360	0.050
Nickel (Ni)	31	0.050
Lead (Pb)	66	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.096	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.010 Your reference: A7		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	59000	10
Iron (Fe)	18000	10
Magnesium (Mg)	4300	5
Zinc (Zn)	960	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	10	0.10
Cadmium (Cd)	1.5	0.050
Chromium (Cr)	76	0.050
Copper (Cu)	130	0.050
Manganese (Mn)	930	0.050
Nickel (Ni)	47	0.050
Lead (Pb)	160	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	1.4	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.011 Your reference: CT1		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	36000	10
Iron (Fe)	11000	10
Magnesium (Mg)	5000	5
Zinc (Zn)	980	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.6	0.10
Cadmium (Cd)	1.1	0.050
Chromium (Cr)	150	0.050
Copper (Cu)	180	0.050
Manganese (Mn)	330	0.050
Nickel (Ni)	110	0.050
Lead (Pb)	94	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.19	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.012 Your reference: C72		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	47000	10
Iron (Fe)	11000	10
Magnesium (Mg)	4800	5
Zinc (Zn)	1300	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	6.3	0.10
Cadmium (Cd)	2.0	0.050
Chromium (Cr)	79	0.050
Copper (Cu)	160	0.050
Manganese (Mn)	310	0.050
Nickel (Ni)	51	0.050
Lead (Pb)	790	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.32	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.013 Your reference: C73		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	53000	10
Iron (Fe)	15000	10
Magnesium (Mg)	3500	5
Zinc (Zn)	940	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	6.9	0.10
Cadmium (Cd)	1.6	0.050
Chromium (Cr)	77	0.050
Copper (Cu)	250	0.050
Manganese (Mn)	440	0.050
Nickel (Ni)	73	0.050
Lead (Pb)	240	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.20	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.014 Your reference: C75		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	44000	10
Iron (Fe)	9400	10
Magnesium (Mg)	2800	5
Zinc (Zn)	1800	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	4.6	0.10
Cadmium (Cd)	5.3	0.050
Chromium (Cr)	100	0.050
Copper (Cu)	260	0.050
Manganese (Mn)	250	0.050
Nickel (Ni)	90	0.050
Lead (Pb)	1400	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.40	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.015 Your reference: C77		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	42000	10
Iron (Fe)	7300	10
Magnesium (Mg)	5200	5
Zinc (Zn)	460	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.2	0.10
Cadmium (Cd)	0.83	0.050
Chromium (Cr)	35	0.050
Copper (Cu)	86	0.050
Manganese (Mn)	420	0.050
Nickel (Ni)	33	0.050
Lead (Pb)	87	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.070	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.016 Your reference: C78		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	36000	10
Iron (Fe)	25000	10
Magnesium (Mg)	3400	5
Zinc (Zn)	1300	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	10	0.10
Cadmium (Cd)	2.1	0.050
Chromium (Cr)	100	0.050
Copper (Cu)	160	0.050
Manganese (Mn)	760	0.050
Nickel (Ni)	64	0.050
Lead (Pb)	1800	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.16	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.017 Your reference: CT10		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	22000	10
Iron (Fe)	5000	10
Magnesium (Mg)	1300	5
Zinc (Zn)	730	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	1.9	0.10
Cadmium (Cd)	0.53	0.050
Chromium (Cr)	44	0.050
Copper (Cu)	100	0.050
Manganese (Mn)	110	0.050
Nickel (Ni)	51	0.050
Lead (Pb)	33	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.071	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.018 Your reference: C79-1		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	52000	10
Iron (Fe)	13000	10
Magnesium (Mg)	5100	5
Zinc (Zn)	1100	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	5.7	0.10
Cadmium (Cd)	2.9	0.050
Chromium (Cr)	91	0.050
Copper (Cu)	270	0.050
Manganese (Mn)	430	0.050
Nickel (Ni)	82	0.050
Lead (Pb)	160	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.17	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.019		Date of analysis: 27-04-2023
Your reference: C79-2		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	51000	10
Iron (Fe)	14000	10
Magnesium (Mg)	5100	5
Zinc (Zn)	970	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	5.7	0.10
Cadmium (Cd)	0.97	0.050
Chromium (Cr)	83	0.050
Copper (Cu)	170	0.050
Manganese (Mn)	380	0.050
Nickel (Ni)	64	0.050
Lead (Pb)	55	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.96	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.020 Your reference: C76		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	46000	10
Iron (Fe)	8300	10
Magnesium (Mg)	10000	5
Zinc (Zn)	1100	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.3	0.10
Cadmium (Cd)	1.0	0.050
Chromium (Cr)	67	0.050
Copper (Cu)	280	0.050
Manganese (Mn)	330	0.050
Nickel (Ni)	46	0.050
Lead (Pb)	140	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.14	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.021 Your reference: N2		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	53000	10
Iron (Fe)	13000	10
Magnesium (Mg)	14000	5
Zinc (Zn)	1100	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	4.6	0.10
Cadmium (Cd)	2.5	0.050
Chromium (Cr)	56	0.050
Copper (Cu)	220	0.050
Manganese (Mn)	320	0.050
Nickel (Ni)	42	0.050
Lead (Pb)	130	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.15	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.022		Date of analysis: 27-04-2023
Your reference: <i>N4</i>		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	77000	10
Iron (Fe)	12000	10
Magnesium (Mg)	14000	5
Zinc (Zn)	1000	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	5.4	0.10
Cadmium (Cd)	0.83	0.050
Chromium (Cr)	54	0.050
Copper (Cu)	130	0.050
Manganese (Mn)	350	0.050
Nickel (Ni)	37	0.050
Lead (Pb)	200	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.080	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.023 Your reference: N6		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	44000	10
Iron (Fe)	8600	10
Magnesium (Mg)	7000	5
Zinc (Zn)	870	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	4.6	0.10
Cadmium (Cd)	1.6	0.050
Chromium (Cr)	49	0.050
Copper (Cu)	87	0.050
Manganese (Mn)	280	0.050
Nickel (Ni)	33	0.050
Lead (Pb)	1200	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.11	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.024 Your reference: <i>N8</i>		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	40000	10
Iron (Fe)	12000	10
Magnesium (Mg)	10000	5
Zinc (Zn)	630	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.4	0.10
Cadmium (Cd)	1.0	0.050
Chromium (Cr)	37	0.050
Copper (Cu)	99	0.050
Manganese (Mn)	240	0.050
Nickel (Ni)	20	0.050
Lead (Pb)	140	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.057	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.025 Your reference: <i>N10</i>		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	71000	10
Iron (Fe)	10000	10
Magnesium (Mg)	8600	5
Zinc (Zn)	580	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	6.0	0.10
Cadmium (Cd)	1.4	0.050
Chromium (Cr)	35	0.050
Copper (Cu)	49	0.050
Manganese (Mn)	490	0.050
Nickel (Ni)	22	0.050
Lead (Pb)	160	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.073	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.026 Your reference: CR2		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	50000	10
Iron (Fe)	19000	10
Magnesium (Mg)	3700	5
Zinc (Zn)	1900	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	8.8	0.10
Cadmium (Cd)	2.6	0.050
Chromium (Cr)	130	0.050
Copper (Cu)	710	0.050
Manganese (Mn)	510	0.050
Nickel (Ni)	90	0.050
Lead (Pb)	1200	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.22	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.027 Your reference: CR8		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	79000	10
Iron (Fe)	13000	10
Magnesium (Mg)	4900	5
Zinc (Zn)	610	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.8	0.10
Cadmium (Cd)	0.56	0.050
Chromium (Cr)	140	0.050
Copper (Cu)	1700	0.050
Manganese (Mn)	430	0.050
Nickel (Ni)	56	0.050
Lead (Pb)	110	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	<0.050	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.028 Your reference: CR3		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	41000	10
Iron (Fe)	17000	10
Magnesium (Mg)	4700	5
Zinc (Zn)	1800	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	7.0	0.10
Cadmium (Cd)	2.0	0.050
Chromium (Cr)	120	0.050
Copper (Cu)	510	0.050
Manganese (Mn)	510	0.050
Nickel (Ni)	73	0.050
Lead (Pb)	360	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.34	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.029 Your reference: CR4		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	41000	10
Iron (Fe)	14000	10
Magnesium (Mg)	3800	5
Zinc (Zn)	700	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	4.1	0.10
Cadmium (Cd)	0.91	0.050
Chromium (Cr)	78	0.050
Copper (Cu)	470	0.050
Manganese (Mn)	340	0.050
Nickel (Ni)	130	0.050
Lead (Pb)	61	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.064	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.030 Your reference: CR7		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	37000	10
Iron (Fe)	10000	10
Magnesium (Mg)	3800	5
Zinc (Zn)	570	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	6.2	0.10
Cadmium (Cd)	1.5	0.050
Chromium (Cr)	110	0.050
Copper (Cu)	240	0.050
Manganese (Mn)	280	0.050
Nickel (Ni)	31	0.050
Lead (Pb)	520	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.087	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.031 Your reference: CR10		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	62000	10
Iron (Fe)	19000	10
Magnesium (Mg)	4400	5
Zinc (Zn)	1400	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	7.5	0.10
Cadmium (Cd)	1.3	0.050
Chromium (Cr)	85	0.050
Copper (Cu)	84	0.050
Manganese (Mn)	570	0.050
Nickel (Ni)	65	0.050
Lead (Pb)	440	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.23	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.032		Date of analysis: 27-04-2023
Your reference: E2		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	67000	10
Iron (Fe)	7600	10
Magnesium (Mg)	28000	5
Zinc (Zn)	980	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	5.9	0.10
Cadmium (Cd)	3.9	0.050
Chromium (Cr)	42	0.050
Copper (Cu)	95	0.050
Manganese (Mn)	300	0.050
Nickel (Ni)	34	0.050
Lead (Pb)	73	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	<0.050	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.033 Your reference: E3		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	40000	10
Iron (Fe)	9700	10
Magnesium (Mg)	5500	5
Zinc (Zn)	1200	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	6.3	0.10
Cadmium (Cd)	4.1	0.050
Chromium (Cr)	80	0.050
Copper (Cu)	160	0.050
Manganese (Mn)	340	0.050
Nickel (Ni)	55	0.050
Lead (Pb)	230	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.31	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.034 Your reference: E5		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	69000	10
Iron (Fe)	11000	10
Magnesium (Mg)	6100	5
Zinc (Zn)	1000	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	6.0	0.10
Cadmium (Cd)	4.0	0.050
Chromium (Cr)	62	0.050
Copper (Cu)	150	0.050
Manganese (Mn)	480	0.050
Nickel (Ni)	35	0.050
Lead (Pb)	110	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.15	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.035 Your reference: E6		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	52000	10
Iron (Fe)	10000	10
Magnesium (Mg)	8400	5
Zinc (Zn)	1900	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	26	0.10
Cadmium (Cd)	19	0.050
Chromium (Cr)	63	0.050
Copper (Cu)	190	0.050
Manganese (Mn)	460	0.050
Nickel (Ni)	78	0.050
Lead (Pb)	1900	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.28	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.036 Your reference: E7		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	20000	10
Iron (Fe)	7700	10
Magnesium (Mg)	2200	5
Zinc (Zn)	1300	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	5.3	0.10
Cadmium (Cd)	6.7	0.050
Chromium (Cr)	47	0.050
Copper (Cu)	620	0.050
Manganese (Mn)	170	0.050
Nickel (Ni)	160	0.050
Lead (Pb)	240	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	2.2	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.037 Your reference: E9-1		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	28000	10
Iron (Fe)	7200	10
Magnesium (Mg)	2500	5
Zinc (Zn)	680	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.7	0.10
Cadmium (Cd)	0.80	0.050
Chromium (Cr)	39	0.050
Copper (Cu)	120	0.050
Manganese (Mn)	230	0.050
Nickel (Ni)	24	0.050
Lead (Pb)	80	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.22	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.038 Your reference: E9-2		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	18000	10
Iron (Fe)	8800	10
Magnesium (Mg)	1600	5
Zinc (Zn)	230	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	4.8	0.10
Cadmium (Cd)	0.57	0.050
Chromium (Cr)	23	0.050
Copper (Cu)	36	0.050
Manganese (Mn)	170	0.050
Nickel (Ni)	15	0.050
Lead (Pb)	100	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	<0.050	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.039 Your reference: M2		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	24000	10
Iron (Fe)	6500	10
Magnesium (Mg)	2200	5
Zinc (Zn)	400	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	2.5	0.10
Cadmium (Cd)	0.62	0.050
Chromium (Cr)	26	0.050
Copper (Cu)	72	0.050
Manganese (Mn)	150	0.050
Nickel (Ni)	17	0.050
Lead (Pb)	55	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.31	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.040 Your reference: M3		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	35000	10
Iron (Fe)	14000	10
Magnesium (Mg)	3200	5
Zinc (Zn)	1200	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	4.6	0.10
Cadmium (Cd)	2.7	0.050
Chromium (Cr)	77	0.050
Copper (Cu)	450	0.050
Manganese (Mn)	340	0.050
Nickel (Ni)	54	0.050
Lead (Pb)	270	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.21	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.041 Your reference: <i>M4</i>		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	40000	10
Iron (Fe)	10000	10
Magnesium (Mg)	3400	5
Zinc (Zn)	990	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	4.0	0.10
Cadmium (Cd)	2.4	0.050
Chromium (Cr)	72	0.050
Copper (Cu)	170	0.050
Manganese (Mn)	330	0.050
Nickel (Ni)	42	0.050
Lead (Pb)	120	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.14	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.042 Your reference: <i>M1</i>		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	44000	10
Iron (Fe)	9500	10
Magnesium (Mg)	3100	5
Zinc (Zn)	520	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.9	0.10
Cadmium (Cd)	1.2	0.050
Chromium (Cr)	41	0.050
Copper (Cu)	100	0.050
Manganese (Mn)	320	0.050
Nickel (Ni)	22	0.050
Lead (Pb)	270	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.088	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.043 Your reference: M6		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	37000	10
Iron (Fe)	9000	10
Magnesium (Mg)	2700	5
Zinc (Zn)	710	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.5	0.10
Cadmium (Cd)	1.0	0.050
Chromium (Cr)	46	0.050
Copper (Cu)	160	0.050
Manganese (Mn)	260	0.050
Nickel (Ni)	53	0.050
Lead (Pb)	280	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.12	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.044 Your reference: M7		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	28000	10
Iron (Fe)	7400	10
Magnesium (Mg)	3000	5
Zinc (Zn)	650	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	2.9	0.10
Cadmium (Cd)	0.94	0.050
Chromium (Cr)	47	0.050
Copper (Cu)	190	0.050
Manganese (Mn)	300	0.050
Nickel (Ni)	49	0.050
Lead (Pb)	280	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.10	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.045		Date of analysis: 27-04-2023
Your reference: M8		Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	36000	10
Iron (Fe)	8700	10
Magnesium (Mg)	4000	5
Zinc (Zn)	900	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.4	0.10
Cadmium (Cd)	1.0	0.050
Chromium (Cr)	65	0.050
Copper (Cu)	150	0.050
Manganese (Mn)	250	0.050
Nickel (Ni)	54	0.050
Lead (Pb)	380	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	3.2	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.046 Your reference: M5		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	42000	10
Iron (Fe)	7600	10
Magnesium (Mg)	6100	5
Zinc (Zn)	400	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	3.7	0.10
Cadmium (Cd)	0.58	0.050
Chromium (Cr)	32	0.050
Copper (Cu)	75	0.050
Manganese (Mn)	170	0.050
Nickel (Ni)	34	0.050
Lead (Pb)	99	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.078	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.047 Your reference: <i>M10</i>		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	37000	10
Iron (Fe)	5600	10
Magnesium (Mg)	3800	5
Zinc (Zn)	220	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	2.6	0.10
Cadmium (Cd)	0.62	0.050
Chromium (Cr)	20	0.050
Copper (Cu)	37	0.050
Manganese (Mn)	190	0.050
Nickel (Ni)	15	0.050
Lead (Pb)	29	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	<0.050	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.048 Your reference: <i>M11</i>		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	36000	10
Iron (Fe)	5400	10
Magnesium (Mg)	3500	5
Zinc (Zn)	470	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	2.5	0.10
Cadmium (Cd)	0.93	0.050
Chromium (Cr)	53	0.050
Copper (Cu)	130	0.050
Manganese (Mn)	140	0.050
Nickel (Ni)	33	0.050
Lead (Pb)	72	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.079	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.049 Your reference: <i>M12</i>		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	25000	10
Iron (Fe)	5200	10
Magnesium (Mg)	3300	5
Zinc (Zn)	620	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	2.1	0.10
Cadmium (Cd)	0.54	0.050
Chromium (Cr)	37	0.050
Copper (Cu)	240	0.050
Manganese (Mn)	140	0.050
Nickel (Ni)	50	0.050
Lead (Pb)	39	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.070	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Analytical results - elemental analysis		
Sample identification : IAC23-04096.050 Your reference: <i>M9</i>		Date of analysis: 27-04-2023 Date of sampling: <i>unknown</i> Sampled by: <i>Third party</i>
Determination of metals in solid samples by ICP-OES after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Calcium (Ca)	16000	10
Iron (Fe)	3200	10
Magnesium (Mg)	1700	5
Zinc (Zn)	830	5
Determination of metals in solid samples by ICP-MS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Arsenic (As)	1.7	0.10
Cadmium (Cd)	0.63	0.050
Chromium (Cr)	25	0.050
Copper (Cu)	150	0.050
Manganese (Mn)	100	0.050
Nickel (Ni)	54	0.050
Lead (Pb)	120	0.050
Determination of mercury on solid samples by CV-AAS after microwave assisted acid digestion		
Component	Concentration (mg/kg)	Reporting limit (mg/kg)
Mercury (Hg)	0.22	0.05

ANALYTICAL REPORT : IAC23-04096_R1

Remarks

Regarding all samples:

Revision: Report completed with extra components.