

Test Report

Report No.: TS23070178



Verify authenticity

Applicant

MBA Polymers UK Ltd

Address

Sandy Lane Worksop Nottinghamshire UK

Report Date

2023-07-19

Hangzhou C&K Testing Technic Co., Ltd.



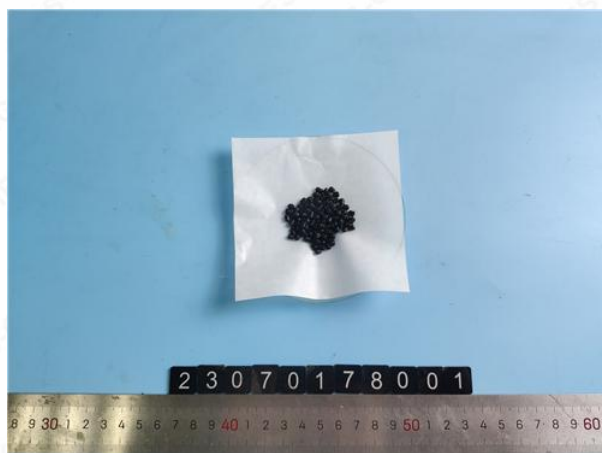
Hangzhou C&K Testing Technic Co., Ltd

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Test Component(s):

No.	Sample Serial No.	Test Component(s)	Type/Model	Material/Colour	Other Info.
001	TS23070178001	ASR FPP 2152 F15	/	/	/
002	TS23070178002	ASR PP 2127	/	/	/
003	TS23070178003	ASR ABS 4124 C	/	/	/
004	TS23070178004	ASR HDPE 1107	/	/	/
005	TS23070178005	Coolrec ABS 4124	/	/	/
006	TS23070178006	WEEE PP 2181	/	/	/
007	TS23070178007	ASR PS 3121	/	/	/
008	TS23070178008	WEEE PS 3122	/	/	/
009	TS23070178009	WEEE ABS 4125	/	/	/
010	TS23070178010	Copper ASR	/	/	/
011	TS23070178011	E Heavies WEEE	/	/	/
012	TS23070178012	E Heavies ASR	/	/	/

Photo(s):



TS23070178001



TS23070178002



TS23070178003



TS23070178004



TS23070178005



TS23070178006



TS23070178007



TS23070178008



TS23070178009



TS23070178010



TS23070178011



TS23070178012

Test Result(s):
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	EPA 3550C:2007; EPA 8270E:2018	<1500	100	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	EPA 3550C:2007; EPA 8270E:2018	<1500	100	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	EPA 3550C:2007; EPA 8270E:2018	<1500	100	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Hexabromocyclododecane (HBCDD) Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Hexabromocyclododecane	EPA 3550C:2007; EPA 8270E:2018	≤100	100	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Hexabromocyclododecane	EPA 3550C:2007; EPA 8270E:2018	≤100	100	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Hexabromocyclododecane	EPA 3550C:2007; EPA 8270E:2018	≤100	100	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Perfluoroalkyl and polyfluoroalkyl substances (PFAS)

Test Method(s): Refer to CEN/TS 15968:2010

Perfluorooctane sulfonic acid (PFOS) and its derivatives:

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Potassium heptadecafluoro-1-octanesulfonate (PFOS-K)	2795-39-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Lithium Heptadecafluoro-1-octanesulfonate (PFOS-Li)	29457-72-5	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ammonium perfluorooctanesulfonate (PFOS-NH ₄)	29081-56-9	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
bis(2-hydroxyethyl)ammonium perfluorooctanesulfonate (PFOS-NH (OH) ₂)	70225-14-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Tetraethylammonium-perfluorooctylsulfonate; Chrome Fog Inhibitor (PFOS-N (C ₂ H ₅) ₄)	56773-42-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1-Decanaminium, N-decyl-N,N-dimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1 (PFOS-DDA)	251099-16-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluoro-1-octanesulfonyl fluoride (PFOSF)	307-35-7	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Sulfuramid (N-Et-FOSA)	4151-50-2	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
N-methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
N-ethyl-N-perfluorooctylsulfonylaminoethanol (N-Et-FOSE)	1691-99-2	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol(N-Me-FOSE)	24448-09-7	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctane sulfonic acid (PFOS) and its derivatives	/	<1000	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Potassium heptadecafluoro-1-octanesulfonate (PFOS-K)	2795-39-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Lithium Heptadecafluoro-1-octanesulfonate (PFOS-Li)	29457-72-5	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ammonium perfluorooctanesulfonate (PFOS-NH ₄)	29081-56-9	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

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Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
bis(2-hydroxyethyl)ammonium perfluorooctanesulfonate (PFOS-NH (OH) ₂)	70225-14-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Tetraethylammonium-perfluorooctylsulfonate; Chrome Fog Inhibitor (PFOS-N (C ₂ H ₅) ₄)	56773-42-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1-Decanaminium, N-decyl-N,N-dimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1 (PFOS-DDA))	251099-16-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluoro-1-octanesulfonyl fluoride (PFOSF)	307-35-7	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Sulfluramid (N-Et-FOSA)	4151-50-2	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
N-methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
N-ethyl-N-perfluorooctylsulfonylaminoethanol (N-Et-FOSE)	1691-99-2	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol(N-Me-FOSE)	24448-09-7	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctane sulfonic acid (PFOS) and its derivatives	/	<1000	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Perfluorooctane sulfonic acid (PFOS)	1763-23-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Potassium heptadecafluoro-1-octanesulfonate (PFOS-K)	2795-39-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Lithium Heptadecafluoro-1-octanesulfonate (PFOS-Li)	29457-72-5	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ammonium perfluorooctanesulfonate (PFOS-NH ₄)	29081-56-9	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
bis(2-hydroxyethyl)ammonium perfluorooctanesulfonate (PFOS-NH (OH) ₂)	70225-14-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Tetraethylammonium-perfluorooctylsulfonate; Chrome Fog Inhibitor (PFOS-N (C ₂ H ₅) ₄)	56773-42-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1-Decanaminium, N-decyl-N,N-dimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-1-octanesulfonic acid (1:1 (PFOS-DDA))	251099-16-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluoro-1-octanesulfonyl fluoride (PFOSF)	307-35-7	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Sulfluramid (N-Et-FOSA)	4151-50-2	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
N-methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

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Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
N-ethyl-N-perfluorooctylsulfonaminoethanol (N-Et-FOSE)	1691-99-2	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
2-(N-methylperfluoro-1-octanesulfonamido)- ethanol(N-Me-FOSE)	24448-09-7	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctane sulfonic acid (PFOS) and its derivatives	/	<1000	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Perfluorooctanoic acid (PFOA) and its salts:

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Pentadecafluorooctanoicacid(PFOA)	335-67-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Sodium perfluorooctanoate (PFOA-Na)	335-95-5	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Potassium Perfluorooctanoate (PFOA-K)	2395-00-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Silver perfluorooctanoate (PFOA-Ag)	335-93-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoic acid (PFOA) and its salts	/	≤0.025	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Pentadecafluorooctanoicacid(PFOA)	335-67-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Sodium perfluorooctanoate (PFOA-Na)	335-95-5	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Potassium Perfluorooctanoate (PFOA-K)	2395-00-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Silver perfluorooctanoate (PFOA-Ag)	335-93-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoic acid (PFOA) and its salts	/	≤0.025	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Pentadecafluorooctanoic acid (PFOA)	335-67-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Sodium perfluorooctanoate (PFOA-Na)	335-95-5	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Potassium Perfluorooctanoate (PFOA-K)	2395-00-8	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Silver perfluorooctanoate (PFOA-Ag)	335-93-3	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	/	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoic acid (PFOA) and its salts	/	≤0.025	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Perfluorooctanoic acid (PFOA)-related compounds:

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctyl Iodide CAS (PFOI)	507-63-1	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iododecane (8:2 FTI)	2043-53-0	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecanesulphonic acid (8:2 FTS)	39108-34-4	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Heptadecafluorodecyl acrylate (8:2 FTAC)	27905-45-9	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
2-(Perfluorooctyl)ethyl methacrylate (8:2 FTMA)	1996-88-9	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Bis[2-(perfluorooctyl)ethyl] Phosphate (8:2 diPAP)	678-41-1	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoic acid (PFOA)-related compounds	/	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctyl IodideCAS (PFOI)	507-63-1	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iododecane (8:2 FTI)	2043-53-0	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecanesulphonic acid (8:2 FTS)	39108-34-4	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Heptadecafluorodecyl acrylate (8:2 FTAC)	27905-45-9	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
2-(Perfluorooctyl)ethyl methacrylate (8:2 FTMA)	1996-88-9	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Bis[2-(perfluorooctyl)ethyl] Phosphate (8:2 diPAP)	678-41-1	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoic acid (PFOA)-related compounds	/	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	CAS No.	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Methyl Perfluorooctanoate (Me-PFOA)	376-27-2	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctyl IodideCAS (PFOI)	507-63-1	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iododecane (8:2 FTI)	2043-53-0	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecanesulphonic acid (8:2 FTS)	39108-34-4	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
1H,1H,2H,2H-Heptadecafluorodecyl acrylate (8:2 FTAC)	27905-45-9	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
2-(Perfluorooctyl)ethyl methacrylate (8:2 FTMA)	1996-88-9	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Bis[2-(perfluorooctyl)ethyl] Phosphate (8:2 diPAP)	678-41-1	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.
Perfluorooctanoic acid (PFOA)-related compounds	/	≤1	0.01	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Hangzhou C&K Testing Technic Co., Ltd

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Tetrabromodiphenyl ether, Pentabromodiphenyl ether, Hexabromodiphenyl ether, Heptabromodiphenyl ether, Decabromodiphenyl ether Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Tetrabromodiphenylether (Tetra BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Pentabromodiphenylether (Penta BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Hexabromodiphenylether (Hexa BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Heptabromodiphenylether (Hepta BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Decabromodiphenylether (Deca BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
(Tetrabromodiphenylether, Pentabromodiphenylether, Hexabromodiphenylether, Heptabromodiphenylether, Decabromodiphenylether) SUM	EPA 3550C:2007; EPA 8270E:2018	≤500	50	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Tetrabromodiphenylether (Tetra BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Pentabromodiphenylether (Penta BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Hexabromodiphenylether (Hexa BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Heptabromodiphenylether (Hepta BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Decabromodiphenylether (Deca BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
(Tetrabromodiphenylether, Pentabromodiphenylether, Hexabromodiphenylether, Heptabromodiphenylether, Decabromodiphenylether) SUM	EPA 3550C:2007; EPA 8270E:2018	≤500	50	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Tetrabromodiphenylether (Tetra BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Pentabromodiphenylether (Penta BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Hexabromodiphenylether (Hexa BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Heptabromodiphenylether (Hepta BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Decabromodiphenylether (Deca BDE)	EPA 3550C:2007; EPA 8270E:2018	/	10	mg/kg	N.D.	N.D.	N.D.	N.D.
(Tetrabromodiphenylether, Pentabromodiphenylether, Hexabromodiphenylether, Heptabromodiphenylether, Decabromodiphenylether) SUM	EPA 3550C:2007; EPA 8270E:2018	≤500	50	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Hexabromobiphenyl, Hexachlorobutadiene (HCBD) Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Hexabromobiphenyl	EPA 3550C:2007; EPA 8270E:2018	Not used	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Hexachlorobutadiene (HCBD)	EPA 3550C:2007; EPA 8270E:2018	Not used	0.0005	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Hexabromobiphenyl	EPA 3550C:2007; EPA 8270E:2018	Not used	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Hexachlorobutadiene (HCBD)	EPA 3550C:2007; EPA 8270E:2018	Not used	0.0005	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Hexabromobiphenyl	EPA 3550C:2007; EPA 8270E:2018	Not used	10	mg/kg	N.D.	N.D.	N.D.	N.D.
Hexachlorobutadiene (HCBD)	EPA 3550C:2007; EPA 8270E:2018	Not used	0.0005	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Pentachlorobenzene Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Pentachlorobenzene	EPA 3540C:2007; EPA 8270E:2018	Not used	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Pentachlorobenzene	EPA 3540C:2007; EPA 8270E:2018	Not used	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Pentachlorobenzene	EPA 3540C:2007; EPA 8270E:2018	Not used	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Hexachlorobenzene Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Hexachlorobenzene	EPA 3540C:2007; EPA 8270E:2018	≤10	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Hexachlorobenzene	EPA 3540C:2007; EPA 8270E:2018	≤10	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Hexachlorobenzene	EPA 3540C:2007; EPA 8270E:2018	≤10	5	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Polychlorinated Naphthalenes (PCNs)Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Polychlorinated Naphthalenes (PCNs)	Refer to EPA 8081B:2000, determination by GC-MS.	Not used	1	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Polychlorinated Naphthalenes (PCNs)	Refer to EPA 8081B:2000, determination by GC-MS.	Not used	1	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Polychlorinated Naphthalenes (PCNs)	Refer to EPA 8081B:2000, determination by GC-MS.	Not used	1	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

Polychlorinated Biphenyls (PCBs) Content

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					001	002	003	004
Polychlorinated Biphenyls (PCBs)	Refer to EPA 8082A:2007, determination by GC-MS.	≤50	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					005	006	007	008
Polychlorinated Biphenyls (PCBs)	Refer to EPA 8082A:2007, determination by GC-MS.	≤50	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.

Test Item(s)	Test Method	Limit	MDL	Unit	Test Result(s)			
					009	010	011	012
Polychlorinated Biphenyls (PCBs)	Refer to EPA 8082A:2007, determination by GC-MS.	≤50	0.2	mg/kg	N.D.	N.D.	N.D.	N.D.

Remarks:

1. MDL = Method Detection Limit; N.D. = Not detected (<MDL)

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The end of report