Test Report

Company Name shown on Report	SHENZHEN KESENES SEMICONDUCTOR CO.LTD.
Address	NO.6,LANE 3,FUXIN ROAD,SHANTANGWEI,PINGDI STREET,LONGGANG DISTRICT,SHENZHEN,GUANGDONG,CHINA

The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant

Sample Name	SOT89
Part No.	SOT89
Sample Received Date	Feb. 11, 2026
Testing Period	Feb. 11, 2026 to Feb. 24, 2026

Test Conducted:

As requested by the applicant. For details refer to next page(s)

Approved by: Hill Zheng Date: Feb. 26, 2026

Hill Zheng
Technical Manager

No. R177731616

Centre Testing International Group Co.,Ltd.
CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

Test Report

Executive Summary:

TEST REQUEST	CONCLUSION
Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) and its amendments	
- Polybrominated Diphenyl Ethers (PBDEs)	**See test result(s)**
- Perfluroctane sulfonic acid (PFOS) and its salts & related substances	**PASS**
- Hexabromocyclododecane (HBCDD)	**PASS**
- Short Chain Chlorinated Paraffins (SCCPs)	**PASS**
- DDT (1,1,1-trichloro-2,2-bis (4-chlorophenyl)ethane)	**PASS**
- Chlordane	**PASS**
- Hexachlorocyclohexanes, including Lindane	**PASS**
- Dieldrin	**PASS**
- Endrin	**PASS**
- Heptachlor	**PASS**
- Endosulfan	**PASS**
- Chlordecone	**PASS**
- Aldrin	**PASS**
- Mirex	**PASS**
- Toxaphene	**PASS**
- Hexachlorobenzene	**PASS**
- Hexabromobiphenyl	**PASS**
- Pentachlorobenzene	**PASS**
- Polychlorinated Biphenyls(PCBs)	**PASS**
- Polychlorinated Naphthalenes (PCNs)	**PASS**
- Hexachlorobutadiene (HCBD)	**PASS**
- Pentachlorophenol and its salts and esters	**PASS**
- Perfluorooctanoic acid (PFOA) and its salts & related substances	**PASS**
- Dicofol	**PASS**
- Perfluorohexane-1-sulphonic acid (PFHxS) and its salts & related substances	**PASS**
- Methoxychlor	**PASS**
- 2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	**PASS**

-	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	**PASS**

********** For further details, please refer to the following page(s) **********

Test Report

Regulation (EU) 2019/1021 on persistent organic pollutants (POPs) and its amendments

▼**Polybrominated Diphenyl Ethers (PBDEs)**

Test Method: IEC 62321-6:2015; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)
	005	
Tetrabromodiphenyl ether	N.D.	2
Pentabromodiphenyl ether	N.D.	2
Hexabromodiphenyl ether	N.D.	2
Heptabromodiphenyl ether	N.D.	2
Decabromodiphenyl ether	N.D.	2

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Perfluroctane sulfonic acid (PFOS) and its salts & related substances#**

Test Method: Refer to EN 17681-1:2025; Test Equipment: LC-MS-MS&GC-MS-MS

Tested Item(s)	CAS No.	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
		005		
PFOS and its salts*	-	N.D.	0.010	--
Perfluroctane sulfonic acid (PFOS) and its salts	-	N.D.	--	0.025
Perfluoro-1-octanesulfonyl fluoride (PFOSF)	307-35-7	N.D.	0.010	--
N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	N.D.	0.050	--
N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	N.D.	0.050	--
2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2	N.D.	0.050	--
2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7	N.D.	0.050	--
PFOSA and its salts*	-	N.D.	0.010	--
N-Me-FOSAA and its salts*	-	N.D.	0.050	--
N-Et-FOSAA and its salts*	-	N.D.	0.050	--
FOSAA and its salts*	-	N.D.	0.010	--
EtFOSEdiPAPs and its salts*	-	N.D.	0.050	--
2-(N-Ethyl-N-(perfluorooctylsulfonyl)amino)ethyl acrylate (EtFOSAC)	423-82-5	N.D.	0.200	--
Perfluroctane sulfonic acid (PFOS) related substances	-	N.D.	--	1

Test Report

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- * = The substances listed in the List of PFOS and its salts & related substances
- According to Regulation (EU) 2019/1021 on persistent organic pollutants (POPs), Perfluroctane sulfonic acid (PFOS) and its salts & related substances are defined as a class of chemicals. There is not an official list in the regulation. The conclusion is based on the tested chemicals.

List of PFOS and its salts & related substances

No.	Group Name	Substance Name(s)	CAS No.
Perfluroctane sulfonic acid (PFOS) and its salts			
1	PFOS and its salts	Perfluorooctane Sulfonates (PFOS)	1763-23-1
2		Perfluorooctanesulfonic acid, potassium salt (PFOS-K)	2795-39-3
3		Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5
4		Sodium perfluorooctane sulfonate (PFOS-Na)	4021-47-0
5		1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluoro-, magnesium salt (2:1) (PFOS-Mg)	91036-71-4
6		Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH_4)	29081-56-9
7		Perfluorooctane sulfonate diethanolamine salt (PFOS-$NH(OH)_2$)	70225-14-8
8		Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-$N(C_2H_5)_4$)	56773-42-3
9		Tetrabutylammonium perfluorooctanesulfonate (PFOS-$NH(C_{16}H_{36})$)	111873-33-7
10		Didecyl dimethyl ammonium perfluorooctane sulfonate (PFOS-DDA)	251099-16-8
11		Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate	71463-74-6
12		Tetramethylammonium perfluorooctane sulfonate (PFOS-$C_4H_{12}N$)	56773-44-5
13		Perfluorooctanesulfonic acid diethylamine salt (PFOS-$C_4H_{11}N$)	2205029-08-7
14		Triethylammonium perfluorooctane sulfonate (PFOS-$C_6H_{15}N$)	54439-46-2
15		N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-$C_{13}H_{30}N$)	124472-68-0
16		N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-$C_{14}H_{32}N$)	56773-56-9
17		Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-$C_{16}H_{36}P$)	2185049-59-4
18		Heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate (PFOS-$C_{15}H_{30}NO_2$)	1203998-97-3
19		Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1) (PFOS-$C_{20}H_{26}I$)	213740-80-8
20		Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate (PFOS-$C_{21}H_{21}S$)	258341-99-0
21		1-Hexadecylpyridinium perfluoro-1-octanesulfonate (PFOS-$C_{21}H_{38}N$)	334529-63-4
22		Perfluorooctane sulfonic anhydride (PFOSAN)	423-92-7
23		N,N,N-Triethyldecan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-$C_{16}H_{36}N$)	773895-92-4
24		Perfluorooctanesulfonate (PFOS (anion))	45298-90-6
25		Perfluoro-1-octanesulfonyl chloride (PFOS-Cl)	423-60-9
26		Bis(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate); ytterbium(2+) (PFOS-Yb^{2+})	-
27		Silver perfluorooctanesulfonate (PFOS-Ag)	-

28		Tris(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate); indium(3+) (PFOS-In^{3+})	-
29		Cadmium(2+);bis(1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane-1-sulfonate) (PFOS-Cd^{2+})	-
Perfluroctane sulfonic acid (PFOS) related substances			
30	--	Perfluoro-1-octanesulfonyl fluoride (PFOSF)	307-35-7
31	--	N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2
32	--	N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8
33	--	2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2
34	--	2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7
35	PFOSA and its salts	Perfluorooctanesulfonamide (PFOSA)	754-91-6
36		Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9
37		Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8
38		Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0
39		Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH_4)	76752-72-2
40		Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-$C_6H_{15}N$)	76752-82-4
41	N-Me-FOSAA and its salts	N-Methyl perfluorooctanesulfonamidoacetic acid (N-Me-FOSAA)	2355-31-9
42		Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)	70281-93-5
43		2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA (anion))	909405-48-7
44	N-Et-FOSAA and its salts	N-ethyl-N-[(heptadecafluorooctyl)sulphonyl] glycine (N-Et-FOSAA)	2991-50-6
45		Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7
46		Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9
47		Ammonium 2-(N-ethylperfluorooctanesulfonamido) acetate (N-Et-FOSAA-NH_4)	2991-52-8
48		2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA (anion))	909405-49-8
49	FOSAA and its salts	Glycine, N-[(heptadecafluorooctyl)sulfonyl]- (FOSAA)	2806-24-8
50		N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)	75260-69-4
51		N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)	115716-87-5
52		N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA (anion))	909405-47-6
53	EtFOSEdiPAPs and its salts	Bis[2-[N-ethyl(heptadecafluorooctanesulphonyl)amino]ethyl]hydrogen phosphate (EtFOSEdiPAPs)	2965-52-8
54		Ammonium bis(N-ethyl-2-perfluorooctylsulfonaminoethyl)phosphate (EtFOSEdiPAPs-NH_4)	30381-98-7
55		Sodium bis[2-(N-ethylperfluorooctane-1-sulfonamido)ethyl] phosphate (EtFOSEdiPAPs-Na)	23282-60-2
56	--	2-(N-Ethyl-N-(perfluorooctylsulfonyl)amino)ethyl acrylate (EtFOSAC)	423-82-5

▼**Hexabromocyclododecane (HBCDD)** #

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	CAS No.	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
		005		
Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 134237-50-6 134237-51-7 134237-52-8	N.D.	5	75

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- 'Hexabromocyclododecane (HBCDD)' means: Hexabromocyclododecane (HBCDD), 1,2,5,6,9,10-hexabromocyclododecane and its main diastereoisomers: α-HBCDD, β-HBCDD, γ-HBCDD

▼**Short Chain Chlorinated Paraffins (SCCPs)** #

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS(NCI)

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Short Chain Chlorinated Paraffins (SCCPs)	N.D.	100	1500

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**DDT (1,1,1-trichloro-2,2-bis (4-chlorophenyl)ethane)** #

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
DDT (1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane)	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Chlordane**[#]

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Chlordane	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Hexachlorocyclohexanes, including Lindane**[#]

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Hexachlorocyclohexanes, including Lindane	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Dieldrin**[#]

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Dieldrin	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Endrin**#

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Endrin	N.D.	5	N.D.

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Heptachlor**#

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Heptachlor	N.D.	5	N.D.

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Endosulfan**#

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Endosulfan	N.D.	5	N.D.

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Chlordecone**#

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Chlordecone	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Aldrin**[#]

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Aldrin	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Mirex**

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Mirex	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Toxaphene**[#]

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Toxaphene	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Hexachlorobenzene**#

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Hexachlorobenzene	N.D.	5	10

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Hexabromobiphenyl**

Test Method: IEC 62321-6:2015; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Hexabromobiphenyl	N.D.	5	N.D.

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Pentachlorobenzene**#

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Pentachlorobenzene	N.D.	5	N.D.

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Polychlorinated Biphenyls(PCBs)** #

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Polychlorinated Biphenyls (PCBs)	N.D.	0.2	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Polychlorinated Naphthalenes (PCNs)** #

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Polychlorinated Naphthalenes (PCNs)	N.D.	5	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Hexachlorobutadiene (HCBD)** #

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Hexachlorobutadiene (HCBD)	N.D.	20	N.D.

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Pentachlorophenol and its salts and esters**#

Test Method: Refer to ISO 17070:2015; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Pentachlorophenol and its salts and esters	N.D.	1	5

Remark:
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The test result of Pentachlorophenol and its salts and esters is calculated by Pentachlorophenol.

▼**Perfluorooctanoic acid (PFOA) and its salts & related substances**[#]

Test Method: Refer to EN 17681-1:2025; Test Equipment: LC-MS-MS&GC-MS-MS

Tested Item(s)	CAS No.	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
		005		
PFOA and its salts*	-	N.D.	0.010	--
Perfluorooctanoic acid (PFOA) and its salts	-	N.D.	--	0.025
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	N.D.	0.200	1
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	N.D.	0.200	1
Perfluorooctyl iodide (PFOI)	507-63-1	N.D.	0.200	1
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	N.D.	0.100	1
8:2 FTS and its salts*	-	N.D.	0.200	1
1,1,2,2-Tetrahydroperfluorodecyl acrylate (8:2 FTAC)	27905-45-9	N.D.	0.200	1
2-Propenoic acid,2-methyl-,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester (8:2 FTMA)	1996-88-9	N.D.	0.200	1
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	N.D.	0.200	1
Decane,1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iodo- (8:2 FTI)	2043-53-0	N.D.	0.200	1
8:2diPAP and its salts*	-	N.D.	0.200	1
2H,2H-Perfluorodecanoate (H_2PFDA)	27854-31-5	N.D.	0.010	1
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate ($H_2PFDA\text{-}P(C_4H_9)_4$)	882489-14-7	N.D.	0.010	1
H_4PFUnA and its salts*	-	N.D.	0.010	1
1-Decene,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro- (PFOE)	21652-58-4	N.D.	0.200	1
Perfluorooctylethyltrichlorosilane (FDTS)	78560-44-8	N.D.	0.200	1
Perfluorooctylethyltrimethoxysilane (FDTMOS)	83048-65-1	N.D.	0.200	1
10:2 diPAP and its salts*	-	N.D.	0.200	1
8:2 monoPAPS and its salts*	-	N.D.	0.200	1
2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	N.D.	0.010	1
Alcohols,C8-14,gamma-omega-perfluoro (C8-14-PFEtOH)	68391-08-2	N.D.	0.200	1
1H,1H,2H,2H-Perfluorodecyl acetate (8:2FTOAc)	37858-04-1	N.D.	0.200	1
8:8 PFPi and its salts*	-	N.D.	0.010	1
PFOPA and its salts*	-	N.D.	0.010	1
1H,1H,2H,2H-Perfluorododecyl acetate (10:2FTOAc)	37858-05-2	N.D.	0.200	1
7:2 sFluorotelomer alcohol (7:2sFTOH)	24015-83-6	N.D.	0.200	1
1H,1H-Perfluorooctylamine (7:1 $FTNH_2$)	307-29-9	N.D.	0.200	1
6:8 PFPi and its salts*	-	N.D.	0.010	1
Perfluorooctanoic acid (PFOA) related substances	-	N.D.	--	1

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- * = The substances listed in the List of PFOA and its salts & related substances
- According to Regulation (EU) 2019/1021 on persistent organic pollutants (POPs), Perfluorooctanoic acid (PFOA) and its salts & related substances are defined as a class of chemicals. There is not an official list in the regulation. The conclusion is based on the tested chemicals.

List of PFOA and its salts & related substances

No.	Group Name	Substance Name(s)	CAS No.
Perfluorooctanoic acid (PFOA) and its salts			
1	PFOA and its salts	Perfluorooctanoic acid (PFOA)	335-67-1
2		Ammonium pentadecafluorooctanoate (APFO)	3825-26-1
3		Sodium perfluorooctanoate (PFOA-Na)	335-95-5
4		Potassium perfluorooctanoate (PFOA-K)	2395-00-8
5		Lithium perfluorooctanoate (PFOA-Li)	17125-58-5
6		Silver perfluorooctanoate (PFOA-Ag)	335-93-3
7		Perfluorooctanoyl fluoride (PFOA-F)	335-66-0
8		Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9
9		Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6
10		Chromium(III) perfluorooctanoate (PFOA-Cr)	68141-02-6
11		N,N,N-Triethylethanaminium perfluorooctanoate (PFOA-NH(C_8H_{19}))	98241-25-9
12		Tetrapropylammonium perfluorooctanoate (PFOA-NH($C_{12}H_{27}$))	277749-00-5
13		Perfluorooctanoate N,N,N-Trimethylmethanaminium (PFOA-NH(C_4H_{11}))	32609-65-7
14		Pentadecafluorooctanoic acid-piperazine (2/1) (PFOA-NH($C_4H_{10}N$))	423-52-9
15		Potassium pentadecafluorooctanoate-water (1/1/2) (PFOA-K(H_2O)$_2$)	98065-31-7
16		Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C_2H_7N)	1376936-03-6
17		Pentadecafluorooctanoic acid-pyridine (1/1) (PFOA-C_5H_5N)	95658-47-2
18		Pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-$C_{10}H_{14}N_2$)	1514-68-7
19		N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate (PFOA-$C_{11}H_{26}N$)	927835-01-6
20		Perfluorooctanoic Anhydride (PFOAA)	33496-48-9
21		Pentadecafluorooctanoate (anion) (PFOA (anion))	45285-51-6
22		Pentadecafluorooctanoyl chloride (PFOA-Cl)	335-64-8
Perfluorooctanoic acid (PFOA) related substances			
23	--	Methyl perfluorooctanoate (Me-PFOA)	376-27-2
24	--	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5
25	--	Perfluorooctyl iodide (PFOI)	507-63-1
26	--	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7
27	8:2 FTS and its salts	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4
28		1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium (8:2 FTS-Na)	27619-96-1
29		Potassium 2-(perfluorooctyl)ethane-1-sulfonate (8:2 FTS-K)	438237-73-1
30		8:2 Fluorotelomer sulfonate ammonium salt (8:2 FTS-NH_4)	149724-40-3
31		2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS (anion))	481071-78-7
32		2-(Perfluorooctyl)ethanesulfonyl chloride (8:2 FTS-Cl)	27619-90-5
33	--	1,1,2,2-Tetrahydroperfluorodecyl acrylate (8:2 FTAC)	27905-45-9
34	--	2-Propenoic acid,2-methyl-,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl ester (8:2 FTMA)	1996-88-9
35	--	1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4

36	--	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8- heptadecafluoro-10-iodo- (8:2 FTI)	2043-53-0
37	8:2diPAP and its salts	8:2 Fluorotelomer phosphate diester (8:2diPAP)	678-41-1
38		Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-Na)	114519-85-6
39		Ammonium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-NH_4)	93776-20-6
40		Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate (8:2diPAP-$C_4H_{11}NO_2$)	57677-97-1
41		8:2 Fluorotelomer phosphate diester ion (1-) (8:2diPAP (anion))	1411713-91-1
42	--	2H,2H-Perfluorodecanoate (H_2PFDA)	27854-31-5
43	--	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (H_2PFDA-P(C_4H_9)$_4$)	882489-14-7
44	H_4PFUnA and its salts	2H,2H,3H,3H-Perfluoroundecanoic acid (H_4PFUnA)	34598-33-9
45		Potassium 3-(perfluorooctyl)propanoate (H_4PFUnA-K)	83310-58-1
46		Lithium 3-(perfluorooctyl)propanoate (H_4PFUnA-Li)	67304-23-8
47	--	1-Decene,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro- (PFOE)	21652-58-4
48	--	Perfluorooctylethyltrichlorosilane (FDTS)	78560-44-8
49	--	Perfluorooctylethyltrimethoxysilane (FDTMOS)	83048-65-1
50	10:2 diPAP and its salts	Bis[2-(perfluorodecyl)ethyl] Phosphate (10:2 diPAP)	1895-26-7
51		Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-$C_4H_{11}O_2$)	57677-98-2
52	8:2 monoPAPS and its salts	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl dihydrogen phosphate (8:2 monoPAPS)	57678-03-2
53		Sodium 1H,1H,2H,2H-perfluorodecyl phosphate (8:2 monoPAPS-Na)	92678-93-8
54		Disodium 1H,1H,2H,2H-perfluorodecylphosphate (8:2 monoPAPS-Na_2)	438237-75-3
55		8:2 Fluorotelomer diammonium phosphate (8:2 monoPAPS-NH_4NH_4)	93857-44-4
56	--	2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2
57	--	Alcohols, C8-14, gamma-omega-perfluoro (C8-14-PFEtOH)	68391-08-2
58	--	1H,1H,2H,2H-Perfluorodecyl acetate (8:2FTOAc)	37858-04-1
59	8:8 PFPi and its salts	Bis(heptadecafluorooctyl)phosphinic acid (8:8 PFPi)	40143-79-1
60		Sodium bis(perfluorooctyl)phosphinate (8:8 PFPi-Na)	500776-69-2
61		Bis(perfluorooctyl) phosphinic acid erbium(3+) salt (8:8 PFPi-Er)	500776-70-5
62		Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt (8:8 PFPi-Yb)	500776-71-6
63	PFOPA and its salts	(Perfluorooctyl)phosphonic acid (PFOPA)	40143-78-0
64		(Heptadecafluorooctyl)phosphonic acid-4-methylaniline (PFOPA-C_8H_9NO)	1263361-03-0
65	--	1H,1H,2H,2H-Perfluorododecyl acetate (10:2FTOAc)	37858-05-2
66	--	7:2 sFluorotelomer alcohol (7:2sFTOH)	24015-83-6
67	--	1H,1H-Perfluorooctylamine (7:1 FTNH_2)	307-29-9
68	6:8 PFPi and its salts	Perfluorohexylperfluorooctyl phosphinic acid (6:8 PFPi)	610800-34-5
69		Sodium perfluorohexylperfluorooctylphosphinate (6:8 PFPi-Na)	2361298-14-6

▼Dicofol#

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Dicofol	N.D.	5	N.D.

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Perfluorohexane-1-sulphonic acid (PFHxS) and its salts & related substances**[#]

Test Method: Refer to EN 17681-1:2025; Test Equipment: LC-MS-MS&GC-MS-MS

Tested Item(s)	CAS No.	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
		005		
PFHxS and its salts*	-	N.D.	0.010	--
Perfluorohexanesulfonic acid (PFHxS) and its salts	-	N.D.	--	0.025
1-Hexane-sulfonamide,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- (FHxSA)	41997-13-1	N.D.	0.010	--
N-methylperfluorohexanesulfonamide (MeFHxSA)	68259-15-4	N.D.	0.200	--
N-AP-FHxSA and its salts*	-	N.D.	0.010	--
(N-Methylperfluorohexanesulfonamido)ethyl acrylate (N-MeFHxSA-EA)	67584-57-0	N.D.	0.200	--
EtFHxSAA and its salts*	-	N.D.	0.010	--
N-ethyltridecafluoro-N-(2-hydroxyethyl)hexanesulphonamide (Et-FHxSE)	34455-03-3	N.D.	0.100	--
2-(Methyl((tridecafluorohexyl)sulphonyl)amino) ethyl methacrylate (N-MeFHxSA-EE)	67584-61-6	N.D.	0.100	--
2-(Ethyl((tridecafluorohexyl)sulphonyl)amino) ethyl methacrylate (N-EtFHxSA-EE)	67906-70-1	N.D.	0.100	--
Tridecafluoro-N-(2-hydroxyethyl)-N-methyl-1-hexanesulfonamide (MeFHxSE)	68555-75-9	N.D.	0.100	--
Perfluorohexanesulfonic acid (PFHxS) related substances	-	N.D.	--	1

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- * = The substances listed in the List of PFHxS and its salts & related substances
- According to Regulation (EU) 2019/1021 on persistent organic pollutants (POPs), Perfluorohexane-1-sulphonic acid (PFHxS) and its salts & related substances are defined as a class of chemicals. There is not an official list in the regulation. The conclusion is based on the tested chemicals.

List of PFHxS and its salts & related substances

No.	Group Name	Substance Name(s)	CAS No.
Perfluorohexanesulfonic acid (PFHxS) and its salts			
1	PFHxS and its	Perfluorohexanesulfonic acid (PFHxS)	355-46-4

2	salts	1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-, sodium salt (PFHxS-Na)	82382-12-5
3		Potassium perfluorohexane-1-sulphonate (PFHxS-K)	3871-99-6
4		1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt(1:1) (PFHxS-Li)	55120-77-9
5		1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (PFHxS-Zn)	70136-72-0
6		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI) (PFHxS-Ga)	341035-71-0
7		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1) (PFHxS-Sc)	350836-93-0
8		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1) (PFHxS-Nd)	41184-65-0
9		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1) (PFHxS-Y)	41242-12-0
10		Cesium Perfluorohexanesulfonate (PFHxS-Cs)	92011-17-1
11		1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, ammonium salt (1:1) (PFHxS-NH_4)	68259-08-5
12		1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- (PFHxSF)	423-50-7
13		1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulphonyl chloride (PFHxS-Cl)	55591-23-6
14		Perfluorohexylsulfonate (PFHxS (anion))	108427-53-8
15		Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2) (PFHxS-$S_3(C_6H_5)_4(C_6H_4)_2$)	421555-73-9
16		Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic (PFHxS-$I(C_6H_4)_2(C_5H_{11})_2$)	421555-74-0
17		Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-$S(C_6H_4)_3(C_4H_9)_3$)	425670-70-8
18		1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1) (PFHxS-$N(C_2H_5)_3$)	72033-41-1
19		Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI) (PFHxS-$I(C_6H_4)_2(C_4H_9)_2$)	866621-50-3
20		Sulfonium, (4-methylphenyl)diphenyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-$S(C_6H_5)_2C_7H_7$)	910606-39-2
21		Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-$S(C_6H_5)_2C_{10}H_9O_2$)	911027-68-4
22		Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.13,7]dec-2-yl 2-methyl-2-propenoate,3-hydroxytricyclo[3.3.1.13,7]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5
23		Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-$SC_{28}H_{31}O_4$)	928049-42-7
24		Phosphonium, triphenyl(phenylmethyl)-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-$P(C_6H_5)_3C_7H_7$)	1000597-52-3
25		1-Butanaminium, N,N,N-tributyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (PFHxS-$N(C_4H_9)_4$)	108427-54-9
26		Ethanaminium,N,N,N-triethyl-,salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (PFHxS-$N(C_2H_5)_4$)	108427-55-0
27		1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with pyrrolidine (1:1) (PFHxS-NC_4H_9)	1187817-57-7

28		Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-S(C_6H_5)$_3$)	144116-10-9
29		Quinolinium,1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-$C_{44}H_{37}N_2O_2$)	1462414-59-0
30		Iodonium, diphenyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-I(C_6H_5)$_2$)	153443-35-7
31		Methanaminium,N,N,N-trimethyl-,salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (PFHxS-N(CH_3)$_4$)	189274-31-5
32		1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1) (PFHxS-NH_2(CH_3)$_3$)	202189-84-2
33		Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-I(C_6H_4)$_2$(C_4H_9)$_2$)	213740-81-9
34		Sulfonium, bis(4-methylphenyl)phenyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-S(C_7H_7)$_2C_6H_5$)	341548-85-4
35		Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-($NC_{10}H_{14}$)$_3C_5H_4$)	1310480-24-0
36		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-(NC_8H_{10})$_2C_{13}H_{12}$)	1310480-27-3
37		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-(NC_8H_{10})$_2C_{17}H_{12}$)	1310480-28-4
38		Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) (PFHxS-$C_{42}H_{70}O_{35}$)	1329995-45-0
39		Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) (PFHxS-$C_{48}H_{80}O_{40}$)	1329995-69-8
40		Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFHxS-NH(C_2H_5O)$_2$)	70225-16-0
41		Tetrabutylphosphonium perfluorohexane sulfonate (PFHxS-P(C_4H_9)$_4$)	2310194-12-6
Perfluorohexanesulfonic acid (PFHxS) related substances			
42	--	1-Hexane-sulfonamide,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- (FHxSA)	41997-13-1
43	--	N-methylperfluorohexanesulfonamide (MeFHxSA)	68259-15-4
44	N-AP-FHxSA and its salts	N-(3-(Dimethylamino)propyl) perfluorohexane sulfonamide (N-AP-FHxSA)	50598-28-2
45		N-(3-(Dimethylamino)propyl)perfluorohexanesulfonamide hydrochloride (N-AP-FHxSA-HCl)	68957-61-9
46		N-[3-(Dimethylamino)propyl]-perfluoro-1-hexanesulfonamide acetate (N-AP-FHxSA-Ace)	73772-33-5
47	--	(N-Methylperfluorohexanesulfonamido)ethyl acrylate (N-MeFHxSA-EA)	67584-57-0
48	EtFHxSAA and its salts	N-Ethyl-N-((tridecafluorohexyl)sulfonyl)glycine (EtFHxSAA)	68957-32-4
49		Potassium N-ethyl-N-(perfluorohexylsulphonyl)glycinate (EtFHxSAA-K)	67584-53-6
50		Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate (EtFHxSAA-Na)	68555-70-4
51	--	N-ethyltridecafluoro-N-(2-hydroxyethyl)hexanesulphonamide (Et-FHxSE)	34455-03-3
52	--	2-(Methyl((tridecafluorohexyl)sulphonyl)amino)ethyl methacrylate (N-MeFHxSA-EE)	67584-61-6
53	--	2-(Ethyl((tridecafluorohexyl)sulphonyl)amino)ethyl methacrylate (N-EtFHxSA-EE)	67906-70-1
54	--	Tridecafluoro-N-(2-hydroxyethyl)-N-methyl-1-hexanesulfonamide (MeFHxSE)	68555-75-9

▼**Methoxychlor**#

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Methoxychlor	N.D.	0.01	0.01

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)** #

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV328)	N.D.	0.3	100

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

▼**Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)** #

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS(NCI)

Tested Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	005		
Dechlorane plus (including any of its individual anti-and syn-isomers or any combination thereof)	N.D.	1	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

Test Report

Sample/Part Description

No.	CTI Sample ID	Description
1	005	Black body(Tested as a whole)

Note:

- According to the client's statement for company relations, the test result(s) of this report is/are presented in reference to the result(s) that reported in A2260118740101005.
- The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.
- "#" indicates the item(s)/method(s) is (are) not in CNAS accreditation scope.

Test Report

Photo(s) of the sample(s)

Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the reports (if generated), the Chinese version shall prevail.

*** End of Report ***

Appendix

Client Reference Information

SOT23/23-3/23-5/23-6/223/89-5/143/143R/153/163/223/323/343/343R/353/363/523/563/723/923/353/363/883, SOP4/8/14/16/18/20/24,
TSSOP8/14/16/18/20/24,DFN/PDFN/QFN,SOD106/123/123F/123FL/123FH/323/323F/323FL/523/723/882/923.D015/27/34/35/41/123AB/201AD,TO92/126/220/220AB/220MF/220F/247/251/252/263/277,LL34/41/43/51, SMA/SMAF/SMB/SMBF/SMC,
0402/0603/0805/1206,R1/3/6,DIP,1N/1Z,SC59/75,ABF/ABS/LBF/DBS/DBJ/DFS/KBL/GBL/GBJ/GBP/MBS/MSB/MLP/MDS/MBF/TWB/MB/TSB/WOB/WOG/KBP/KBU/KBPC/TS4B/RB-5

Statement:

1. The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
2. The Appendix Information is/are the supplement(s) for the Report A226011874010100503.