Test Report

Report No. A2260329592101001

Company Name shown on Report	JINAN HUAFENG PRINTING CO.,LTD.
Address	CHAJIU VILLAGE,SUB-DISTRICT OFFICE OF MINGSHUI,ZHANGQIU CITY SHANDONG PROVINCE. P.R.CHINA

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

Sample Name	POPCORN PAPER BAGS
Sample Origin	China
Manufacturer Name	JINAN HUAFENG PRINTING CO.,LTD.
Sample Received Date	Apr. 27, 2026
Testing Period	Apr. 27, 2026 to May 6, 2026

Test Conducted:

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

Approved by Chen kaimin Date May 6, 2026

Chen kaimin

Lab Manager

No. T525811835

Centre Testing International Pinbiao(Shanghai) Co., Ltd. No.1351, Wanfang Road, Minhang District, Shanghai, China

Test Report

Executive Summary:

TEST REQUEST	CONCLUSION
Client's requirement	
- 675 Perfluoroalkyl and polyfluoroalkyl substances (PFAS)	**See test result(s)**

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

Test Report

Client's requirement

▼**675 Perfluoroalkyl and polyfluoroalkyl substances (PFAS)**

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

No.	Tested Item(s)	CAS No.	Result (mg/kg)	MDL (mg/kg)
			001	
-	All tested PFAS (See the list of PFAS)	-	N.D.	-

Remark:

- The table of tested result(s) only shows detected PFAS, and PFAS that below MDL are not reported. Please refer to the List of PFAS on next pages.
- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

Test Report

List of PFAS

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
1	PFOS and its salts	Perfluorooctane Sulfonates (PFOS)	1763-23-1	0.010
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+})	-	--
30	--	Perfluoro-1-octanesulfonyl fluoride (PFOSF)	307-35-7	0.010
31	--	N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	0.050
32	--	N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	0.050
33	--	2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2	0.050
34	--	2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7	0.050
35	PFOA and its salts	Perfluorooctanoic acid (PFOA)	335-67-1	0.010
36		Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
37		Sodium perfluorooctanoate (PFOA-Na)	335-95-5	--
38		Potassium perfluorooctanoate (PFOA-K)	2395-00-8	--
39		Lithium perfluorooctanoate (PFOA-Li)	17125-58-5	--
40		Silver perfluorooctanoate (PFOA-Ag)	335-93-3	--
41		Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	--
42		Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9	--
43		Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6	--
44		Chromium(III) perfluorooctanoate (PFOA-Cr)	68141-02-6	--
45		N,N,N-Triethylethanaminium perfluorooctanoate (PFOA-NH(C_8H_{19}))	98241-25-9	--
46		Tetrapropylammonium perfluorooctanoate (PFOA-NH($C_{12}H_{27}$))	277749-00-5	--
47		Perfluorooctanoate N,N,N-Trimethylmethanaminium (PFOA-NH(C_4H_{11}))	32609-65-7	--
48		Pentadecafluorooctanoic acid-piperazine (2/1) (PFOA-NH($C_4H_{10}N$))	423-52-9	--
49		Potassium pentadecafluorooctanoate-water (1/1/2) (PFOA-K(H_2O)$_2$)	98065-31-7	--
50		Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C_2H_7N)	1376936-03-6	--
51		Pentadecafluorooctanoic acid-pyridine (1/1) (PFOA-C_5H_5N)	95658-47-2	--
52		Pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-$C_{10}H_{14}N_2$)	1514-68-7	--
53		N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate (PFOA-$C_{11}H_{26}N$)	927835-01-6	--
54		Perfluorooctanoic Anhydride (PFOAA)	33496-48-9	--
55		Pentadecafluorooctanoate (anion) (PFOA (anion))	45285-51-6	--
56		Pentadecafluorooctanoyl chloride (PFOA-Cl)	335-64-8	--
57	--	Methyl perfluorooctanoate (Me-PFOA)	376-27-2	0.200
58	--	Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	0.200
59	--	Perfluorooctyl iodide (PFOI)	507-63-1	0.200
60	--	1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	0.200
61	8:2 FTS and its salts	1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	0.200
62		1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium (8:2 FTS-Na)	27619-96-1	--
63		Potassium 2-(perfluorooctyl)ethane-1-sulfonate (8:2 FTS-K)	438237-73-1	--
64		8:2 Fluorotelomer sulfonate ammonium salt (8:2 FTS-NH_4)	149724-40-3	--
65		2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS (anion))	481071-78-7	--
66		2-(Perfluorooctyl)ethanesulfonyl chloride (8:2 FTS-Cl)	27619-90-5	--
67	--	1,1,2,2-Tetrahydroperfluorodecyl acrylate (8:2 FTAC)	27905-45-9	0.200
68	--	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	0.200
69	--	1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	0.200
70	--	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	0.200
71	8:2diPAP and its salts	8:2 Fluorotelomer phosphate diester (8:2diPAP)	678-41-1	0.200
72		Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-Na)	114519-85-6	--
73		Ammonium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-NH_4)	93776-20-6	--
74		Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate (8:2diPAP-$C_4H_{11}NO_2$)	57677-97-1	--
75		8:2 Fluorotelomer phosphate diester ion (1-) (8:2diPAP (anion))	1411713-91-1	--
76	PFOSA and its salts	Perfluorooctanesulfonamide (PFOSA)	754-91-6	0.010
77		Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9	--
78		Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8	--
79		Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0	--
80		Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH_4)	76752-72-2	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
81		Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-$C_6H_{15}N$)	76752-82-4	--
82	PFHxA and its salts	Perfluorohexanoic acid (PFHxA)	307-24-4	0.010
83		Sodium undecafluorohexanoate (PFHxA-Na)	2923-26-4	--
84		Hexanoic acid, undecafluoro-, potassium salt (PFHxA-K)	3109-94-2	--
85		Lithium perfluorohexanoate (PFHxA-Li)	90430-61-8	--
86		Silver perfluorohexanoate (PFHxA-Ag)	336-02-7	--
87		Ammonium perfluorohexanoate (PFHxA-NH_4)	21615-47-4	--
88		Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4	--
89		Perfluorohexanoyl chloride (PFHxA-Cl)	335-53-5	--
90		Perfluorohexanoic anhydride (PFHxAA)	308-13-4	--
91		Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8CI,9CI) (PFHxA-$C_4H_{10}N_2$)	423-47-2	--
92		Undecafluorohexanoic acid-hexan-1-amine (1/1) (PFHxA-$C_6H_{15}N$)	565225-91-4	--
93		1-phenylpiperazine; 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid (PFHxA-$C_{10}H_{14}N_2$)	985-60-4	--
94		Perfluorohexanoate (anion) (PFHxA (anion))	92612-52-7	--
95		Perfluorohexanoyl bromide (PFHxA-Br)	1404193-66-3	--
96	PFHpA and its salts	Perfluoroheptanoic acid (PFHpA)	375-85-9	0.010
97		Sodium perfluoroheptanoate (PFHpA-Na)	20109-59-5	--
98		Potassium perfluoroheptanoate (PFHpA-K)	21049-36-5	--
99		Lithium perfluoroheptanoate (PFHpA-Li)	60871-90-1	--
100		Silver perfluoroheptanoate (PFHpA-Ag)	424-05-5	--
101		Cesium perfluoroheptanoate (PFHpA-Cs)	171198-24-6	--
102		Ammonium perfluoroheptanoate (PFHpA-NH_4)	6130-43-4	--
103		Perflluoroheptanoate (anion) (PFHpA (anion))	120885-29-2	--
104		Perfluoroheptanoic anhydride (PFHpAA)	78225-99-7	--
105		Perfluoroheptanoyl chloride (PFHpA-Cl)	52447-22-0	--
106		Perfluoroheptanoyl fluoride (PFHpA-F)	375-84-8	--
107	PFBS and its salts	Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.010
108		Sodium perfluorobutanesulfonate (PFBS-Na)	60453-92-1	--
109		Perfluorobutanesulfonate K-salt (PFBS-K)	29420-49-3	--
110		Lithium perfluorobutanesulfonate (PFBS-Li)	131651-65-5	--
111		Magnesium perfluorobutanesulfonate (PFBS-Mg)	507453-86-3	--
112		Perfluorobutane sulfonic acid hydrate (PFBS-H_2O)	59933-66-3	--
113		1-Butanesulfonyl fluoride, 1,1,2,2,3,3,4,4,4-nonafluoro- (PFBSF)	375-72-4	--
114		Nonafluoro-1-butanesulfonyl chloride (PFBSCl)	2991-84-6	--
115		N,N,N-Triethyl-1-[(1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonyl)oxy]ethan-1-aminium (PFBS-$N(CH_3CH_2)_4$)	25628-08-4	--
116		Ammonium perfluorobutanesulfonate (PFBS-NH_4)	68259-10-9	--
117		Triphenylsulfonium nonaflate (PFBS-$S(C_6H_5)_3$)	144317-44-2	--
118		Dimethyl (phenyl) sulfonium perfluorobutanesulfonate (PFBS-$S(CH_3)_2C_6H_5$)	220133-51-7	--
119		Tetrabutylphosphorus perfluorobutylsulfonate (PFBS-$P(C_4H_9)_4$)	220689-12-3	--
120		Morpholinium perfluorobutanesulfonate (PFBS-NC_4H_9O)	503155-89-3	--
121		1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate (PFBS-$S(C_4H_8)(C_{10}H_6)OC_4H_9$)	209482-18-8	--
122		Bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate (PFBS-$I(C_6H_4)_2(C_4H_9)_2$)	194999-85-4	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
123		1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFBS-NH(C_2H_5O)$_2$)	70225-18-2	--
124		Tetrabutylammonium nonafluorobutanesulfonate (PFBS-N(C_4H_9)$_4$)	108427-52-7	--
125		Diphenyliodanium nonafluorobutane-1-sulfonate (PFBS-I(C_6H_5)$_2$)	194999-82-1	--
126		Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-,1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_{30}H_{39}S$)	241806-75-7	--
127		Sulfonium, (4-cyclohexylphenyl)diphenyl-,1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_{24}H_{25}S$)	425670-64-0	--
128		Thiophenium, tetrahydro-1-(1-methyl-1H-indol-3-yl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_{13}H_{16}NS$)	867373-18-0	--
129		Pyridinium,1-ethyl-3-methyl-,1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_8H_{12}N$)	1015420-87-7	--
130		1H-Imidazolium,1-methyl-3-octyl-,1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_{12}H_{23}N_2$)	905972-83-0	--
131		1H-Imidazolium,3-hexyl-1-methyl-,1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_{10}H_{19}N_2$)	1001557-05-6	--
132		2-Propanaminium,N,N-dimethyl-N-(1-methylethyl)-,1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_8H_{20}N$)	374571-81-0	--
133		Sulfonium,[4-[2-(1,1-dimethylethoxy)-2-oxoethoxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_{24}H_{25}O_3S$)	857285-80-4	--
134		1-Butanaminium,N,N-dibutyl-N-methyl-,1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_{13}H_{30}N$)	124472-66-8	--
135		1-Butanesulfonic acid,1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1) (PFBS-Zn)	502457-69-4	--
136		1-Pentanaminium,N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1) (PFBS-$C_{14}H_{32}N$)	56773-55-8	--
137		Perfluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH_3)$_4$)	25628-17-5	--
138		1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-,1,1'-anhydride (PFBSA)	36913-91-4	--
139		Perfluorobutane sulfonate (anion) (PFBS (anion))	45187-15-3	--
140		Triethylammonium perfluorobutane sulfonate (PFBS-$C_6H_{15}N$)	182059-38-7	--
141		N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1) (PFBS-$C_{12}H_{28}NO$)	334529-55-4	--
142		1-Hexadecylpyridinium perfluoro-1-butanesulfonate (PFBS-$C_{21}H_{38}N$)	334529-62-3	--
143		1-Butylpyridinium perfluoro-1-butanesulfonate (PFBS-$C_9H_{14}N$)	334529-64-5	--
144		N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanesulfonate (PFBS-$C_{25}H_{54}N$)	495417-51-1	--
145		Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanesulfonic acid (1:1) (PFBS-$C_{21}H_{21}S$)	722538-68-3	--
146	PFHxS and its salts	Perfluorohexanesulfonic acid (PFHxS)	355-46-4	0.010
147		1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-, sodium salt (PFHxS-Na)	82382-12-5	--
148		Potassium perfluorohexane-1-sulphonate (PFHxS-K)	3871-99-6	--
149		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	--
150		1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (PFHxS-Zn)	70136-72-0	--
151		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	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
152		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	--
153		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	--
154		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	--
155		Cesium Perfluorohexanesulfonate (PFHxS-Cs)	92011-17-1	--
156		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	--
157		1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- (PFHxSF)	423-50-7	--
158		1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulphonyl chloride (PFHxS-Cl)	55591-23-6	--
159		Perfluorohexylsulfonate (PFHxS (anion))	108427-53-8	--
160		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	--
161		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	--
162		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	--
163		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	--
164		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	--
165		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	--
166		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	--
167		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	--
168		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	--
169		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	--
170		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	--
171		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	--
172		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	--
173		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	--
174		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	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
175		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	--
176		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	--
177		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	--
178		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	--
179		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)$_2$$C_6H_5$)	341548-85-4	--
180		Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-($NC_{10}H_{14}$)$_3$$C_5H_4$)	1310480-24-0	--
181		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-(NC_8H_{10})$_2$$C_{13}H_{12}$)	1310480-27-3	--
182		Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-(NC_8H_{10})$_2$$C_{17}H_{12}$)	1310480-28-4	--
183		Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) (PFHxS-$C_{42}H_{70}O_{35}$)	1329995-45-0	--
184		Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) (PFHxS-$C_{48}H_{80}O_{40}$)	1329995-69-8	--
185		Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFHxS-NH(C_2H_5O)$_2$)	70225-16-0	--
186		Tetrabutylphosphonium perfluorohexane sulfonate (PFHxS-P(C_4H_9)$_4$)	2310194-12-6	--
187	PFHpS and its salts	Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	0.010
188		Perfluoroheptanesulfonate NA-salt (PFHpS-Na)	21934-50-9	--
189		Potassium Perfluoroheptanesulfonate (PFHpS-K)	60270-55-5	--
190		Lithium perfluoroheptanesulfonate (PFHpS-Li)	117806-54-9	--
191		Ammonium perfluoroheptanesulfonate (PFHpS-NH_4)	68259-07-4	--
192		Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate (PFHpS-NH(C_4H_{11}))	70225-15-9	--
193		Triethylammonium perfluoroheptane sulfonate (PFHpS-$C_6H_{15}N$)	72033-40-0	--
194		Tetraethylammonium perfluoroheptane sulfonate (PFHpS-$C_8H_{20}N$)	439863-97-5	--
195		Perfluoroheptane sulfonic anhydride (PFHpSA)	140429-92-1	--
196		Perfluoroheptane sulfonate (anion) (PFHpS (anion))	146689-46-5	--
197		Perfluoroheptanesulphonyl fluoride (PFHpS-F)	335-71-7	--
198		Perfluoroheptanesulfonyl chloride (PFHpS-Cl)	33018-82-5	--
199	PFUnDA and its salts	Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.010
200		Sodium perfluoroundecanoate (PFUnDA-Na)	60871-96-7	--
201		Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8	--
202		Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2	--
203		Ammonium perfluoroundecanoate (PFUnDA-NH_4)	4234-23-5	--
204		Perfluoroundecanoate (anion) (PFUnDA (anion))	196859-54-8	--
205	PFDoDA and its salts	Perfluorododecanoic acid (PFDoDA)	307-55-1	0.010
206		Sodium perfluoro-n-dodecanoic acid (PFDoDA-Na)	307-67-5	--
207		Ammonium tricosafluorododecanoate (PFDoDA-NH_4)	3793-74-6	--
208		Perfluorododecanoate (anion) (PFDoDA (anion))	171978-95-3	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
209	PFTrDA and its salts	Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.010
210		Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7	--
211		Ammonium perfluorotridecanoate (PFTrDA-NH_4)	4288-72-6	--
212		Perfluorotridecanoate (anion) (PFTrDA (anion))	862374-87-6	--
213	PFTeDA and its salts	Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.010
214		Perfluorotetradecanoate (anion) (PFTeDA (anion))	365971-87-5	--
215	PFDS and its salts	Henicosafluorodecanesulphonic acid (PFDS)	335-77-3 126105-34-8	0.010
216		Perfluorodecanesulfonate NA-salt (PFDS-Na)	2806-15-7	--
217		Perfluorodecanesulfonate K-salt (PFDS-K)	2806-16-8	--
218		Ammonium henicosafluorodecanesulphonate (PFDS-NH_4)	67906-42-7	--
219		Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0	--
220		Perfluorodecanesulphonyl fluoride (PFDS-F)	307-51-7	--
221		Perfluorodecanesulphonyl chloride (PFDS-Cl)	32779-61-6	--
222	6:2 FTS and its salts	1H,1H,2H,2H-Perfluoro-octane-sulphonic acid (6:2 FTS)	27619-97-2	0.010
223		1H,1H,2H,2H-Perfluoro-octane-sulphonic acid sodium salt (6:2 FTS-Na)	27619-94-9	--
224		1H,1H,2H,2H-Perfluoro-octane-sulphonic acid potassium salt (6:2 FTS-K)	59587-38-1	--
225		1H,1H,2H,2H-Perfluoro-octane-sulphonic acid ammonium salt (6:2 FTS-NH_4)	59587-39-2	--
226		1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-,barium salt (2:1) (6:2 FTS-Ba^{2+})	1807944-82-6	--
227		2-(Perfluorohexyl)ethane-1-sulfonate (6:2 FTS (anion))	425670-75-3	--
228		2-(Perfluorohexyl)ethanesulfonyl chloride (6:2 FTS-Cl)	27619-89-2	--
229	PFBA and its salts	Perfluoro-butanoic acid (PFBA)	375-22-4	0.010
230		Sodium heptafluorobutyrate (PFBA-Na)	2218-54-4	--
231		Potassium heptafluorobutanoate (PFBA-K)	2966-54-3	--
232		Lithium perfluorobutanoate (PFBA-Li)	4146-76-3	--
233		Silver perfluorobutanoate (PFBA-Ag)	3794-64-7	--
234		Ammonium perfluorobutanoate (PFBA-NH_4)	10495-86-0	--
235		Heptafluorobutanoic acid-piperazine (1:1) (PFBA-$C_4H_{10}N_2$)	375-04-2	--
236		Perfluorobutanoate (anion) (PFBA (anion))	45048-62-2	--
237		4-Chlorobenzenediazonium perfluorobutanoate perfluorobutanoic acid (1:1:1) (PFBA-$C_6H_4ClF_6N_2P$)	630-31-9	--
238		Heptafluorobutanoic acid-1-phenylpiperazine (1:1) (PFBA-$C_{10}H_{14}N_2$)	2263-11-8	--
239		Perfluorobutanoic anhydride (PFBAA)	336-59-4	--
240		Heptafluorobutanoic acid calcium salt (PFBA-Ca)	2366-98-5	--
241		Rhodium(II) perfluorobutyrate dimer (PFBA-Rh)	73755-28-9	--
242		Heptafluorobutyryl Chloride (PFBA-Cl)	375-16-6	--
243		Perfluorobutanoyl fluoride (PFBA-F)	335-42-2	--
244	PFPeA and its salts	Perfluoropentanoic acid (PFPeA)	2706-90-3	0.010
245		Sodium perfluorovalerate (PFPeA-Na)	2706-89-0	--
246		Potassium nonafluoropentanoate (PFPeA-K)	336-23-2	--
247		Lithium perfluoropentanoate (PFPeA-Li)	198482-22-3	--
248		Silver perfluoropentanoate (PFPeA-Ag)	2795-30-4	--
249		Ammonium perfluoropentanoate (PFPeA-NH_4)	68259-11-0	--
250		Nonafluoropentanoic acid-1-benzylthiourea (1:1) (PFPeA-$C_8H_{10}N_2S$)	64808-55-5	--
251		Perfluoropentanoic anhydride (PFPeAA)	308-28-1	--
252		Perfluoropentanoate (anion) (PFPeA (anion))	45167-47-3	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
253		Nonafluoropentanoyl chloride (PFPeA-Cl)	375-60-0	--
254		Perfluoropentanoyl fluoride (PFPeA-F)	375-62-2	--
255	PFNA and its salts	Perfluorononanoic acid (PFNA)	375-95-1	0.010
256		Sodium heptadecafluorononanoate (PFNA-Na)	21049-39-8	--
257		Potassium perfluorononanoate (PFNA-K)	21049-38-7	--
258		Lithium heptadecafluorononanoate (PFNA-Li)	60871-92-3	--
259		Silver perfluorononanoate (PFNA-Ag)	7358-16-9	--
260		Perfluorononanoate ammounium salt (PFNA-NH_4)	4149-60-4	--
261		Cyclohexanaminium perfluorononanoate (PFNA-NH(C_6H_{12}))	328531-06-2	--
262		Piperidinium perfluorononanoate (PFNA-NH(C_5H_{11}))	95682-66-9	--
263		Methanaminium perfluorononanoate (PFNA-NH_3(CH_3))	77032-23-6	--
264		Nonanoic acid,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-,compd. with N-ethylethanamine (1:1) (PFNA-NH_2(C_2H_5)$_2$)	77032-27-0	--
265		Nonanoic acid,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-,compd. with N-methylmethanamine (1:1) (PFNA-NH_2(CH_3)$_2$)	77032-24-7	--
266		Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C_2H_5)$_3$)	327176-80-7	--
267		Nonanoic acid,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH_3(C_6H_5))	95682-67-0	--
268		4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-$C_{11}H_{12}N_4O_3S$)	298703-33-0	--
269		Perfluorononanoic anhydride (PFNAA)	228407-54-3	--
270		Perfluorononanoate (anion) (PFNA (anion))	72007-68-2	--
271		Perfluorononanoyl chloride (PFNA-Cl)	52447-23-1	--
272		Heptadecafluorononanoyl fluoride (PFNA-F)	558-95-2	--
273	PFDA and its salts	Perfluorodecanoic acid (PFDA)	335-76-2	0.010
274		Sodium nonadecafluorodecanoate (PFDA-Na)	3830-45-3	--
275		Potassium perfluorodecanoate (PFDA-K)	51604-85-4	--
276		Lithium perfluorodecanoate (PFDA-Li)	84743-32-8	--
277		Silver perfluorodecanoate (PFDA-Ag)	5784-82-7	--
278		Perfluorodecanoate ammonium salt (APFDA)	3108-42-7	--
279		Perfluorodecanoic anhydride (PFDAA)	942199-24-8	--
280		Perfluorodecanoate (anion) (PFDA (anion))	73829-36-4	--
281		Nonadecafluorodecanoyl chloride (PFDA-Cl)	307-38-0	--
282	--	Perfluoro-3,7-dimethyloctanoic acid (PF-3,7-DMOA)	172155-07-6	0.010
283	HPFHpA and its salts	7H-Dodecafluoro heptane acid (HPFHpA)	1546-95-8	0.010
284		Sodium 7H-perfluoroheptanoate (HPFHpA-Na)	2264-25-7	--
285		Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH_4)	376-34-1	--
286		7H-Perfluoroheptanoate (HPFHpA (anion))	69681-35-2	--
287		7H-Perfluoroheptanoyl chloride (HPFHpA-Cl)	41405-35-0	--
288		2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoyl fluoride (HPFHpA-F)	5927-65-1	--
289	--	2H,2H-Perfluorodecanoate (H_2PFDA)	27854-31-5	0.010
290	--	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (H_2PFDA-P(C_4H_9)$_4$)	882489-14-7	0.010
291	H_4PFUnA and its salts	2H,2H,3H,3H-Perfluoroundecanoic acid (H_4PFUnA)	34598-33-9	0.010
292		Potassium 3-(perfluorooctyl)propanoate (H_4PFUnA-K)	83310-58-1	--
293		Lithium 3-(perfluorooctyl)propanoate (H_4PFUnA-Li)	67304-23-8	--
294	--	1H.1H.2H.2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	0.200

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
295	--	1H.1H.2H.2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	0.200
296	--	1H,1H,2H,2H-Perfluoro octyl acrylate (6:2 FTA)	17527-29-6	0.200
297	--	1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	0.200
298	--	1H,1H,2H,2H-Tetrahydroperfluorododecyl acrylate (10:2 FTA)	17741-60-5	0.200
299	HFPO and its salts	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid (HFPO)	13252-13-6	0.050
300		Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate (HFPO-K)	67118-55-2	--
301		Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate (HFPO-Na)	67963-75-1	--
302		Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-,ammoniumsalt (HFPO-NH_4)	62037-80-3	--
303		2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride (HFPO-F)	2062-98-8	--
304		Triethylaminium perfluoro-2-propoxypropanoate (HFPO-$(C_2H_5)_3N$)	165951-18-8	--
305		2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid-N-propylpropan-1-amine(1/1) (HFPO-$C_6H_{15}N$)	165951-17-7	--
306		4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate (HFPO-$C_{11}H_{12}N_4O_3S$)	298703-31-8	--
307		2,3,6-Triiodobenzoic acid (1-methyl-3-piperidinyl)methyl ester compd. with perfluoro-2-(propoxy)propanoate (1:1) (HFPO-$C_{14}H_{16}I_3NO_2$)	2412106-69-3	--
308		Perfluoro(2-propoxypropanoate) (HFPO (anion))	122499-17-6	--
309		Perfluoro(2-propoxypropionic) acid (HFPO(+))	75579-39-4	--
310		Perfluoro(2-propoxypropionic) acid (HFPO(-))	75579-40-7	--
311	PFODA and its salts	Perfluorooctadecanoic acid (PFODA)	16517-11-6	0.010
312		Perfluorooctadecanoate anion (PFODA (anion))	798556-82-8	--
313	PFHxDA and its salts	Perfluoropalmitic acid (PFHxDA)	67905-19-5	0.010
314		Hentriacontafluorohexadecanoate anion (PFHxDA (anion))	1214264-30-8	--
315	--	1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMAC)	2144-53-8	0.200
316	N-Me-FOSAA and its salts	N-Methyl perfluorooctanesulfonamidoacetic acid (N-Me-FOSAA)	2355-31-9	0.050
317		Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)	70281-93-5	--
318		2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA (anion))	909405-48-7	--
319	N-Et-FOSAA and its salts	N-ethyl-N-[(heptadecafluorooctyl)sulphonyl] glycine (N-Et-FOSAA)	2991-50-6	0.050
320		Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7	--
321		Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9	--
322		Ammonium 2-(N-ethylperfluorooctanesulfonamido) acetate (N-Et-FOSAA-NH_4)	2991-52-8	--
323		2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA (anion))	909405-49-8	--
324	4:2 FTS and its salts	1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2 FTS)	757124-72-4	0.200
325		1H,1H,2H,2H-Perfluorohexanesulfonic acid sodium (4:2 FTS-Na)	27619-93-8	--
326		4:2 Fluorotelomer sulfonate (4:2 FTS (anion))	414911-30-1	--
327	10:2 FTS and its salts	1H,1H,2H,2H-Perfluorododecanesulphonicacid (10:2 FTS)	120226-60-0	0.200
328		1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium (10:2 FTS-Na)	108026-35-3	--
329		2-(Perfluorodecyl)ethane-1-sulfonyl chloride (10:2 FTS-Cl)	27619-91-6	--
330	11H-PFUnDA and its salts	11H-Perfluoroundecanoic acid (11H-PFUnDA)	1765-48-6	0.010
331		Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafluoroundecanoate (11H-PFUnDA-K)	307-71-1	--
332		Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosafluoroundecanoate (11H-PFUnDA-NH_4)	5081-02-7	--
333		11H-Perfluoroundecanoate (11H-PFUnDA (anion))	69681-37-4	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
334	--	Perfluorodecyl iodide (PFDI)	423-62-1	0.200
335	--	Perfluorododecyl iodide (PFDoI)	307-60-8	0.200
336	--	1H,1H,2H,2H-perfluorododecyl iodide (10:2 FTI)	2043-54-1	0.200
337	--	1H,1H,2H,2H-perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	0.200
338	--	2-(Perfluorodecyl)ethyl methacrylate (10:2 FTMA)	2144-54-9	0.200
339	--	1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	0.200
340	FOSAA and its salts	Glycine, N-[(heptadecafluorooctyl)sulfonyl]- (FOSAA)	2806-24-8	0.010
341		N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)	75260-69-4	--
342		N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)	115716-87-5	--
343		N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA (anion))	909405-47-6	--
344	PFNS and its salts	Perfluorononane sulfonic acid (PFNS)	68259-12-1	0.010
345		Sodium Perfluoro-1-nonanesulfonate (PFNS-Na)	98789-57-2	--
346		Perfluorononanesulfonate potassium (PFNS-K)	29359-39-5	--
347		Ammonium perfluorononanesulfonate (PFNS-NH_4)	17202-41-4	--
348		Perfluorononane sulfonate (anion) (PFNS (anion))	474511-07-4	--
349		Perfluorononanesulfonyl fluoride (PFNS-F)	68259-06-3	--
350	--	1,1,2,2,3,3,4,4,4-Nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulfonamide (N-Et-N-Me-FBSA)	34454-97-2	0.200
351	--	1-Decene,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro- (PFOE)	21652-58-4	0.200
352	PFUnS and its salts	Perfluoroundecane sulfonic acid (PFUnS)	749786-16-1	0.010
353		Sodium perfluoro-1-undecanesulfonate (PFUnS-Na)	-	--
354		Perfluoroundecanesulfonate (PFUnS (anion))	441296-91-9	--
355	PFTrDS and its salts	Perfluorotridecanesulfonic acid (PFTrDS)	791563-89-8	0.010
356		Sodium perfluorotridecanesulfonate (PFTrDS-Na)	174675-49-1	--
357	PFPe and its salts	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro- (PFPe)	2706-91-4	0.010
358		Sodium perfluoropentanesulfonate (PFPe-Na)	630402-22-1	--
359		Potassium perfluorohexane-1-sulphonate (PFPe-K)	3872-25-1	--
360		Lithium perfluoropentane sulfonate (PFPe-Li)	1046864-81-6	--
361		Ammonium perfluoropentanesulfonate (PFPe-NH_4)	68259-09-6	--
362		Bis(2-hydroxyethyl) ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate (PFPe-$(CH_2CH_2OH)_2NH$)	70225-17-1	--
363		Triethylammonium perfluoropentane sulfonate (PFPe-$C_6H_{15}N$)	72033-42-2	--
364		Perfluoropentane sulfonic anhydride (PFPeSA)	161877-72-1	--
365		Perfluoropentane sulfonate (anion) (PFPe (anion))	175905-36-9	--
366	--	1-Hexane-sulfonamide,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- (FHxSA)	41997-13-1	0.010
367	PFDoDS and its salts	Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	0.010
368		Sodium perfluoro-1-dodecanesulfonate (PFDoDS-Na)	1260224-54-1	--
369		Potassium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-pentacosafluorododecane-1-sulphonate (PFDoDS-K)	85187-17-3	--
370		Perfluorododecanesulfonate (PFDoDS (anion))	343629-43-6	--
371	--	Perfluorooctylethyltrichlorosilane (FDTS)	78560-44-8	0.200
372	--	Perfluorooctylethyltrimethoxysilane (FDTMOS)	83048-65-1	0.200
373	--	Trichloro(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane (FOTS)	78560-45-9	0.200
374	--	N-methylperfluorohexanesulfonamide (MeFHxSA)	68259-15-4	0.200
375	PFPeDA and its salts	Pentadecanoic acid,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15,15-nonacosafluoro- (PFPeDA)	141074-63-7	0.010
376		Nonacosafluoropentadecanoate (PFPeDA (anion))	1214264-29-5	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
377	--	2-Perfluorohexyl ethanoic acid (6:2 FTCA)	53826-12-3	0.010
378	5:3 FTCA and its salts	3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	0.010
379		2H,2H,3H,3H-Perfluorooctanoate (5:3 FTCA (anion))	1799325-94-2	--
380	10:2 monoPAPS and its salts	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Henicosafluorododecyl dihydrogen phosphate (10:2 monoPAPS)	57678-05-4	0.200
381		10:2 Fluorotelomer diammonium dihydrogen phosphate (10:2 monoPAPS-NH_4NH_4)	93857-45-5	--
382		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12.12,12-Henicosafluorododecyl dihydrogen phosphate cyclohexylamine	2514858-66-1	--
383	PFPrA and its salts	Pentafluoropropionate acid (PFPrA)	422-64-0	0.010
384		Sodium pentafluoropropionate (PFPrA-Na)	378-77-8	--
385		Potassium pentafluoropropionate (PFPrA-K)	378-76-7	--
386		Silver Pentafluoropropionate (PFPrA-Ag)	509-09-1	--
387		Ammonium pentafluoropropionate (PFPrA-NH_4)	2730-58-7	--
388		Perfluoropropanoate (PFPrA(anion))	44864-55-3	--
389		Pentafluoropropanoic acid-1-phenylpiperazine (1/1) (PFPrA-$C_{10}H_{14}N_2$)	893-87-8	--
390		Pentafluoropropanoic acid-piperazine (1/1) (PFPrA-$C_4H_{10}N_2$)	1690-94-4	--
391		Imidazole perfluoropropionic acid salt (PFPrA-$C_3H_4N_2$)	200705-90-4	--
392	--	(Perfluorohexyl)ethylene (PFHE)	25291-17-2	0.200
393	10:2 diPAP and its salts	Bis[2-(perfluorodecyl)ethyl] Phosphate (10:2 diPAP)	1895-26-7	0.200
394		Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-$C_4H_{11}O_2$)	57677-98-2	--
395	FBSA and its salts	Perfluorobutylsulphonamide (FBSA)	30334-69-1	0.010
396		Potassium (perfluorobutanesulfonyl)azanide (FBSA-K)	289042-19-9	--
397		Nonafluorobutanesulfonamide ammonia salt (FBSA-NH_4)	131003-86-6	--
398	TFA and its salts	Trifluoroacetic Acid (TFA)	76-05-1	0.010
399		Sodium trifluoroacetate (TFA-Na)	2923-18-4	--
400		Potassium trifluoroacetate (TFA-K)	2923-16-2	--
401		Lithium Trifluoroacetate (TFA-Li)	2923-17-3	--
402		Mercury(II) trifluoroacetate (TFA-Hg)	13257-51-7	--
403		Cesium Trifluoroacetate (TFA-Cs)	21907-50-6	--
404		Thallium(III) trifluoroacetate (TFA-Tl)	23586-53-0	--
405		Palladium(II) trifluoroacetate (TFA-Pd)	42196-31-6	--
406		Silver trifluoroacetate (TFA-Ag)	2966-50-9	--
407		Ammoniumtrifluoroacetate (TFA-NH_4)	3336-58-1	--
408		Trifluoroacetate (TFA(anion))	14477-72-6	--
409		Dimethyl[(trifluoroacetyl)oxy]sulfanium trifluoroacetate (TFA-TFADS)	57738-66-6	--
410		Aluminium tris(trifluoroacetate) (TFA-Al)	36554-89-9	--
411		Barium bis(trifluoroacetate) (TFA-Ba)	60884-92-6	--
412		Chromium(3+) tris(trifluoroacetate) (TFA-Cr)	16712-29-1	--
413		Erbium tris(trifluoroacetate) (TFA-Er)	70236-99-6	--
414		Europium(3+) trifluoroacetate-water (1/3/3) (TFA-Eu·$3H_2O$)	94079-71-7	--
415		Indium trifluoroacetate (TFA-In)	36554-90-2	--
416		Lanthanum tris(trifluoroacetate) (TFA-La)	70236-92-9	--
417		Nickel(2+) bis(trifluoroacetate) (TFA-Ni)	16083-14-0	--
418		Lead(II) trifluoroacetate (TFA-Pb)	4146-73-0	--
419		Acetic acid, trifluoro-, rhodium(2+) salt (TFA-Rh)	72654-51-4	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
420		Thulium tris(trifluoroacetate) (TFA-Tm)	70237-00-2	--
421		AGN-PC-0NI0TK (TFA-Yb)	87863-62-5	--
422		Zinc bis(trifluoroacetate) (TFA-Zn)	21907-47-1	--
423		Ruthenium(II) 2,2,2-trifluoroacetate (TFA-Ru)	61612-84-8	--
424		Magnesium trifluoroacetate (TFA-Mg)	123333-72-2	--
425		Copper (II) Trifluoroacetate (TFA-Cu)	123333-88-0	--
426	--	2,2,3,3,4,4,4-heptafluorobutyramide (FBAA)	662-50-0	0.050
427	--	3-Perfluoroheptylpropanoic acid (7:3 FTCA)	812-70-4	0.010
428	--	Perfluoro-4-methoxybutanoic acid (PFMOBA)	863090-89-5	0.010
429	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	0.200
430		Sodium 1H,1H,2H,2H-perfluorodecyl phosphate (8:2 monoPAPS-Na)	92678-93-8	--
431		Disodium 1H,1H,2H,2H-perfluorodecylphosphate (8:2 monoPAPS-Na_2)	438237-75-3	--
432		8:2 Fluorotelomer diammonium phosphate (8:2 monoPAPS-NH_4NH_4)	93857-44-4	--
433	--	2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	0.010
434	--	2H-Perfluoro-2-octenoic acid (6:2) (6:2 FTUCA)	70887-88-6	0.010
435	11Cl-PF3OUdS and its salts	11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	0.010
436		Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS-K)	83329-89-9	--
437		2-[(8-Chloro-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluorooctyl)oxy]-1,1,2,2-tetrafluoroethanesulfonate (11Cl-PF3OUdS (anion))	2196242-82-5	--
438	33FTA and its salts	2H,2H,3H,3H-perfluorohexanoic acid (33FTA)	356-02-5	0.010
439		Sodium 3-(perfluoropropyl)propanoate (33FTA-Na)	1207462-13-2	--
440		3:3 Fluorotelomer carboxylate, ion(1-) (33FTA (anion))	1169706-83-5	--
441	ADONA and its salts	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	0.010
442		Sodium 4,8-dioxa-3H-perfluorononanoate (ADONA-Na)	2250081-67-3	--
443		Potassium 2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA-K)	1087271-46-2	--
444		Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA-NH_4)	958445-44-8	--
445		2,2,3-Trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA (anion))	2127366-90-7	--
446	--	2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	0.010
447	PFEESA and its salts	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	0.010
448		Potassium 1,1,2,2-tetrafluoro-2-(pentafluoroethoxy)ethane-1-sulfonate (PFEESA-K)	117205-07-9	--
449		Sodium 1,1,2,2-tetrafluoro-2-(1,1,2,2,2-pentafluoroethoxy)ethanesulfonate (PFEESA-Na)	113507-87-2	--
450	9Cl-PF3ONS and its salts	9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	0.010
451		Potassium 9-chlorohexadecafluoro-3-oxanonane-1- sulfonate (9Cl-PF3ONS-K)	73606-19-6	--
452		Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate (9Cl-PF3ONS-NH_4)	1383434-28-3	--
453		Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonate) (9Cl-PF3ONS (anion))	1621485-21-9	--
454	PFMPA and its salts	2,2,3,3-tetrafluoro-3-(trifluoromethoxy)propanoic acid (PFMPA)	377-73-1	0.010
455		Perfluoro-3-methoxypropanoic anhydride (PFMPAA)	42566-65-4	--
456	--	Perfluorodecylphosphonic acid (PFDPA)	52299-26-0	0.010
457	--	Perfluoro-3,6-dioxaheptanoic acid (PF-3,6-DOHA)	151772-58-6	0.010
458	--	2H,2H-Perfluorododecanoic acid (10:2 FTCA)	53826-13-4	0.010

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
459	--	3-(Perfluorohexyl)propan-1-ol (6:3 FTOH)	80806-68-4	0.200
460	--	Methyl Perfluoroamyl Ketone (5:2 ketone)	2708-07-8	0.200
461	--	Perfluorotributylamine (PFTBA)	311-89-7	0.200
462	--	Trimethyl(tridecafluorohexyl)silane (TMPFHSI)	135841-49-5	0.200
463	--	2,2,3,3,4,4,4-heptafluoro-1-butanol (PFBOH)	375-01-9	0.200
464	--	1H,1H-Tridecafluoro-1-iodoheptane (PFIH)	212563-43-4	0.200
465	--	1H,1H,2H,2H-perfluorooctyltriethoxysilane (PFOTOSI)	51851-37-7	0.200
466	--	Ethyl Undecafluoroamyl Ketone (EtPFPK)	383177-55-7	0.200
467	--	1-Bromoperfluorohexane (PFHBr)	335-56-8	0.200
468	--	1H,1H,2H,2H-Perfluorooctyl iodide (PFIO)	2043-57-4	0.200
469	--	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl)iodoacetamide (N-PFNIEtA)	852527-50-5	0.200
470	--	Perfluorooctane (PFOct)	307-34-6	0.200
471	--	Trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane (TMTFSI)	85857-16-5	0.200
472	--	2,2,3,3,4,4,5,5,6,6,6-undecafluorohexan-1-ol (5:1 FTOH)	423-46-1	0.200
473	--	3-Perfluorohexyl-1,2-epoxypropane (3-PFH-1,2-HPPO)	38565-52-5	0.200
474	--	1,1,1,2,2,3,4,5,5,5-Decafluoro-3-methoxy-4-(trifluoromethyl)pentane (HFE-7300)	132182-92-4	0.200
475	--	Alcohols, C8-14, gamma-omega-perfluoro (C8-14-PFEtOH)	68391-08-2	0.200
476	--	Tridecafluoroheptanamide (TPFHpA)	2358-22-7	0.200
477	--	1-(Perfluorohexyl)-2-iodopropane (PFNI)	38550-34-4	0.200
478	--	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl thiocyanate (PFHTH)	26650-09-9	0.200
479	--	4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (TFNI)	89889-20-3	0.200
480	--	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctane-1-thiol (PFOctSOH)	34451-26-8	0.200
481	--	1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (PFODMeCLSI)	102488-47-1	0.200
482	--	Triethoxy[5,5,6,6,7,7,7-heptafluoro-4,4-bis(trifluoromethyl)heptyl]silane (EtPFMHepSI)	130676-81-2	0.200
483	--	3,3,4,4,5,5,6,6,7,7,7-Undecafluoroheptan-2-ol (5:2sFTOH)	914637-05-1	0.200
484	--	1H,1H-Perfluoro-1-heptanol (PFHepOH)	375-82-6	0.200
485	--	4-(3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl)benzyl alcohol (4-PFOBA)	356055-76-0	0.200
486	--	1H,1H,2H,2H-Perfluorodecyl acetate (8:2FTOAc)	37858-04-1	0.200
487	--	Bis(1,1,2,2,3,3,4,4,4-nonafluoro-1-butaneulfonyl)imide (BIS-PFBSI)	39847-39-7	0.010
488	--	Carboxymethyldimethyl-3-[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulphonyl]amino]propylammonium hydroxide (6:2 FTAB)	34455-29-3	0.010
489	--	N-[3-(dimethylamino)propyl]-3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide N-oxide (N-diPTFOP-N-oxide)	80475-32-7	0.010
490	PFMOAA and its salts	2,2-difluoro-2-(trifluoromethoxy)acetic acid (PFMOAA)	674-13-5	0.010
491		2,2-Difluoro-2-(trifluoromethoxy)acetate sodium salt (PFMOAA-Na)	21837-98-9	--
492		Difluoro(trifluoromethoxy)acetic acid--piperazine (1/1) (PFMOAA-piperazine)	2266-82-2	--
493	EtFOSEdiPAPs and its salts	Bis[2-[N-ethyl(heptadecafluorooctanesulphonyl)amino]ethyl]hydrogen phosphate (EtFOSEdiPAPs)	2965-52-8	0.050
494		Ammonium bis(N-ethyl-2-perfluorooctylsulfonaminoethyl)phosphate (EtFOSEdiPAPs-NH_4)	30381-98-7	--
495		Sodium bis[2-(N-ethylperfluorooctane-1-sulfonamido)ethyl] phosphate (EtFOSEdiPAPs-Na)	23282-60-2	--
496	--	2H,2H,3H,3H-Perfluorononanoic acid (6:3 FTCA)	27854-30-4	0.010
497	Cheminox FHP	Perfluorohexyl ethylphosphonic acid (Cheminox FHP 2OH(PFHEPA))	252237-40-4	0.010

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
498	2OH(PFHEPA) and its salts	Tridecafluorooctyl-phosphonic acid sodium salt (1:1) (Cheminox FHP 2OH-Na(PFHEPA-Na))	1189052-95-6	--
499	6:2monoPAPs and its salts	1-Octanol,3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-,1-(dihydrogen phosphate) (6:2monoPAPs)	57678-01-0	0.010
500		Sodium 1H,1H,2H,2H-Perfluorooctylphosphate (6:2monoPAPs-Na)	144965-22-0	--
501		Monopotassium monoperfluorohexyl ethylphosphate (6:2monoPAPs-K)	150033-28-6	--
502		Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate (6:2monoPAPs-NH_4)	2353-52-8	--
503		3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt (6:2monoPAPs-NH_4(-))	92401-44-0	--
504		Diammonium 6:2 fluorotelomer phosphate monoester (6:2monoPAPs-NH_4NH_4)	1000852-37-8	--
505		2-(Perfluorohexyl)ethanol dihydrogen phosphate bis(2-hydroxyethyl)amine (6:2monoPAPs-Diethanolamine)	57678-02-1	--
506		Disodium- 6:2 Fluorotelomer phosphate (6:2monoPAPs-Na_2)	150033-29-7	--
507	PF-3,6-DOOA and its salts	Perfluoro-3,6-dioxaoctanoic acid (PF-3,6-DOOA)	80153-82-8	0.010
508		Ammonium perfluoro-3,6-dioxaoctanoate (PF-3,6-DOOA-NH_4)	908020-52-0	--
509	PFESA BP1 and its salts	Perfluoro-3,6-dioxa-4-methyl-7-octenesulfonic acid (PFESA BP1)	29311-67-9	0.010
510		Sodium perfluoro-2-({3-[(ethenyl)oxy]propan-2-yl}oxy)ethane-1-sulfonate (PFESA BP1-Na)	16090-17-8	--
511		Perfluoro-3,6-dioxa-4-methyl-7-octenesulfonic acid potassium salt (PFESA BP1-K)	65086-48-8	--
512	PFESA BP2 and its salts	7H-Perfluoro-4-methyl-3,6-dioxaoctanesulfonic acid (PFESA BP2)	749836-20-2	0.010
513		Potassium 5-(1,2,2,2-tetrafluoroethoxy)-perfluoro-4-methyl-3-oxapentanesulfonate (PFESA BP2-K)	259140-44-8	--
514	--	trans-1,2-Bis(perfluorohexyl)ethylene ((7E)-BIS-PFHE)	51249-67-3	0.200
515	--	1H-Perfluorooct-1-yne (PF-n-HA)	55756-24-6	0.200
516	--	1-(Perfluorohexyl)octane (MIEBO)	133331-77-8	0.200
517	--	(Perfluoro-n-hexyl)ethane (TFHE)	80793-17-5	0.200
518	--	1H,1H-Perfluorohexylamine (UFHA)	355-34-0	0.200
519	--	1H,1H-Perfluoroheptylamine (TFHA)	423-49-4	0.200
520	--	Perfluoro-1-iodohexane (PFHI)	355-43-1	0.200
521	N-AP-FHxSA and its salts	N-(3-(Dimethylamino)propyl) perfluorohexane sulfonamide (N-AP-FHxSA)	50598-28-2	0.010
522		N-(3-(Dimethylamino)propyl)perfluorohexanesulfonamide hydrochloride (N-AP-FHxSA-HCl)	68957-61-9	--
523		N-[3-(Dimethylamino)propyl]-perfluoro-1-hexanesulfonamide acetate (N-AP-FHxSA-Ace)	73772-33-5	--
524	--	(N-Methylperfluorohexanesulfonamido)ethyl acrylate (N-MeFHxSA-EA)	67584-57-0	0.200
525	6:6 PFPi and its salts	Bis(tridecafluorohexyl)phosphinic acid (6:6 PFPi)	40143-77-9	0.010
526		Sodium bis(perfluorohexyl)phosphinate (6:6 PFPi-Na)	70609-44-8	--
527		Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt (6:6 PFPi-Yb)	500776-72-7	--
528		Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (6:6 PFPi-Er)	500776-73-8	--
529	TFMS and its salts	Trifluoromethanesulfonic acid (TFMS)	1493-13-6	0.010
530		Sodium trifluoromethanesulfonate (TFMS-Na)	2926-30-9	--
531		Potassium trifluoromethanesulfonate (TFMS-K)	2926-27-4	--
532		Magnesium trifluoromethanesulfonate (TFMS-Mg)	60871-83-2	--
533		Silver trifluoromethanesulfonate (TFMS-Ag)	2923-28-6	--
534		Lithium trifluoromethanesulfonate (TFMS-Li)	33454-82-9	--
535		Iron(III) trifluoromethanesulfonate (TFMS-Fe)	63295-48-7	--
536		Yttrium(III) trifluoromethanesulfonate (TFMS-Y)	52093-30-8	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
537		Stannous(II) trifluoromethanesulfonate (TFMS-Sn)	62086-04-8	--
538		Nickel(II) trifluoromethanesulfonate (TFMS-Ni)	60871-84-3	--
539		Cerium(III) trifluoromethanesulfonate (TFMS-Ce^{3+})	76089-77-5	--
540		Cerium(IV) trifluoromethanesulfonate (TFMS-Ce^{4+})	107792-63-2	--
541		Zinc(II) trifluoromethanesulphonate (TFMS-Zn)	54010-75-2	--
542		Barium(II) trifluoromethanesulphonate (TFMS-Ba)	2794-60-7	--
543		Copper(II) trifluoromethanesulphonate (TFMS-Cu)	34946-82-2	--
544		Scandium(III) trifluoromethanesulfonate (TFMS-Sc)	144026-79-9	--
545		Trifluoromethanesulfonic anhydride (TFMSA)	358-23-6	--
546		Lanthanum tris(trifluoromethanesulfonate) (TFMS-La)	52093-26-2	--
547		Mercury(II) trifluoromethanesulfonate (TFMS-Hg)	49540-00-3	--
548		Dysprosium(III) trifluoromethanesulfonate (TFMS-Dy)	139177-62-1	--
549		Ytterbium(3+) tris(trifluoromethanesulfonate) (TFMS-Yb)	54761-04-5	--
550		Trifluoromethanesulfonic acid-manganese (2/1) (TFMS-Mn)	55120-76-8	--
551		Lutetium(III) trifluoromethanesulfonate (TFMS-Lu)	126857-69-0	--
552		Terbium(III) trifluoromethanesulfonate (TFMS-Tb)	148980-31-8	--
553		Pentafluoroanilinium trifluoromethanesulfonate (TFMS-$C_6H_2F_5N$)	912823-79-1	--
554		Neodymium(III) trifluoromethanesulfonate (TFMS-Nd)	34622-08-7	--
555		Samarium(III) trifluoromethanesulfonate (TFMS-Sm)	52093-28-4	--
556		Ammonium trifluoromethanesulfonate (TFMS-NH_4)	38542-94-8	--
557		Holmium tris(trifluoromethanesulfonate) (TFMS-Ho)	139177-63-2	--
558		Trifluoromethanesulfonate (TFMS (anion))	37181-39-8	--
559		Indium(III) trifluoromethanesulfonate (TFMS-In)	128008-30-0	--
560		Praseodymium(III) trifluoromethanesulfonate (TFMS-Pr)	52093-27-3	--
561		Bismuth(III) trifluoromethanesulfonate (TFMS-Bi)	88189-03-1	--
562		Europium trifluoromethanesulfonate (TFMS-Eu)	52093-25-1	--
563		Erbium(III) trifluoromethanesulfonate (TFMS-Er)	139177-64-3	--
564		Gallium(III) trifluoromethanesulfonate (TFMS-Ga)	74974-60-0	--
565		Thulium(III) trifluoromethanesulfonate (TFMS-Tm)	141478-68-4	--
566		Methanesulfonic acid, trifluoro-, calcium salt (TFMS-Ca)	55120-75-7	--
567		AG-G-90691 (TFMS-Tl)	73491-36-8	--
568		1-Fluoro-3,5-dichloropyridinium triflate (TFMS-$C_5H_3Cl_2FN$)	107264-06-2	--
569		N,N-Diethyl-6-(diethylamino)-9-(2-(methoxycarbonyl)phenyl)-3H-xanthene-3-ylideneammonium trifluoromethanesulfonate (TFMS-$C_{29}H_{33}N_2O_3$)	120611-30-5	--
570		Methyltrioctylammonium trifluoromethanesulfonate (TFMS-$C_{25}H_{54}N$)	121107-18-4	--
571		O-Pivaloylhydroxylamine trifluoromethanesulfonate (TFMS-$C_5H_{11}NO_2$)	1293990-73-4	--
572		Guanidine trifluoromethanesulfonic acid (TFMS-CH_5N_3)	153756-25-3	--
573		Diphenylammonium Trifluoromethanesulfonate (TFMS-$C_6H_5NHC_6H_5$)	164411-06-7	--
574		Imidazole trifluoromethanesulfonate (TFMS-$C_3H_4N_2$)	29727-06-8	--
575		Tetraethylammonium trifluoromethanesulfonate (TFMS-$C_8H_{20}N$)	35895-69-3	--
576		Tetrabutylammonium trifluoromethanesulfonate (TFMS-$C_{16}H_{36}N$)	35895-70-6	--
577		N,N,N-Triethyl-2,2,2-trifluoroethan-1-aminium trifluoromethanesulfonate (TFMS-$C_8H_{17}F_3N$)	380230-73-9	--
578		Trifluoromethanesulfonic acid-1-ethyl-1H-imidazole (1/1) (TFMS-$C_5H_8N_2$)	501693-46-5	--
579		Triethylamine salt of trifluoromethanesulfonic acid (TFMS-$(C_2H_5)_3N$)	646-58-2	--
580		Trifluoroacetyl trifluoromethanesulfonate (TFMS-C_2F_3O)	68602-57-3	--
581		Triphenylphosphonium anhydride triflate (TFMS-$C_{36}H_{30}OP_2$(2+))	72450-51-2	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
582		Ruthenium(3+), (OC-6-22)-, salt with trifluoromethanesulfonic acid (1:3) (TFMS-Ru·$2H_2O$·$4NH_2$)	74468-24-9	--
583		Pentaammine(trifluoromethanesulfonato)osmium(III) triflate (TFMS-Os·$5NH_3$)	83781-30-0	--
584		(2-Pyridylmethyl)sulfonyl chloride triflate (TFMS-$C_6H_6ClNO_2S$)	882564-09-2	--
585		Trifluoromethanesulfonyl bromide (TFMS-Br)	15458-53-4	--
586		Trifluoromethanesulfonyl chloride (TFMS-Cl)	421-83-0	--
587		Hafnium (IV) Trifluoromethanesulfonate (TFMS-Hf)	161337-67-3	--
588	TFSI and its salts	1,1,1-Trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamide (TFSI)	82113-65-3	0.010
589		Bistrifluoromethanesulfonimide lithium salt (TFSI-Li)	90076-65-6	--
590		1-Butyl-1-methylpyrrolidinium bis(trifluoromethanesulfonyl)imide (TFSI-$C_9H_{20}N$)	223437-11-4	--
591		Bis(trifluoromethylsulfonyl)azanide, tributyl(methyl)ammonium (TFSI-$C_{13}H_{30}N$)	405514-94-5	--
592		1-Decyl-3-Methylimidazolium Bis(Trifluoromethylsulfonyl)Imide (TFSI-$C_{14}H_{27}N_2$)	433337-23-6	--
593		1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide (TFSI-$C_8H_{15}N_2$)	169051-76-7	--
594		1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide (TFSI-$C_6H_{11}N_2$)	174899-82-2	--
595		1-Ethyl-2,3-dimethylimidazolium bis(trifluoromethanesulfonyl)imide (TFSI-$C_7H_{13}N_2$)	174899-90-2	--
596		1-Methyl-3-n-octylimidazolium bis(trifluoromethanesulfonyl)imide (TFSI-$C_{12}H_{23}N_2$)	178631-04-4	--
597		1-(3-aminoazetidin-1-yl)prop-2-en-1-one, trifluoromethanesulfonic acid (TFSI-$C_6H_{10}N_2O$)	2060047-56-3	--
598		1-Methyl-3-propylimidazolium bis(trifluoromethanesulfonyl)imide (TFSI-$C_7H_{13}N_2$)	216299-72-8	--
599		1-Ethyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide (TFSI-$C_7H_{16}N$)	223436-99-5	--
600		1-Methyl-1-propylpyrrolidinium bis(trifluoromethanesulfonyl)imide (TFSI-$C_8H_{18}N$)	223437-05-6	--
601		Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide (TFSI-$C_7H_{18}N$)	258273-75-5	--
602		1-Methylimidazole bis(trifluoromethanesulfonyl)imide (TFSI-$C_4H_7N_2$)	353239-08-4	--
603		1-Dodecyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide (TFSI-$C_{16}H_{31}N_2$)	404001-48-5	--
604		1-Methyl-1-propylpiperidin-1-ium bis(trifluoromethylsulfonyl)amide (TFSI-$C_9H_{20}N$)	608140-12-1	--
605		1-Butyl-1-methylpiperidinium bis(trifluoromethylsulfonyl)imide (TFSI-$C_{10}H_{22}N$)	623580-02-9	--
606		Diethylmethylsulfonium bis(trifluoromethylsulfonyl)imide (TFSI-$C_5H_{13}S$)	792188-85-3	--
607		Choline bis(trifluoromethylsulfonyl)imide (TFSI-$C_5H_{14}NO$)	827027-25-8	--
608		Silver Bis(trifluoromethanesulfonyl)imide (TFSI-Ag)	189114-61-2	--
609		Barium(II) Bis(trifluoromethanesulfonyl)imide (TFSI-Ba(II))	168106-22-7	--
610		1,1,1-trifluoro-N-trifluoromethanesulfonyl-N-((N-trifluoromethanesulfonyltrifluoromethanesulfo namido)calcio) methanesulfonamide (TFSI-Ca(II))	165324-09-4	--
611		Cobalt bis(trifluoromethylsulfonyl)imide (TFSI-Co(II))	207861-61-8	--
612		Copper bis(trifluoromethylsulfonyl)imide (TFSI-Cu)	291300-50-0	--
613		Copper(II) bis(trifluoromethanesulfonyl)imide (TFSI-Cu(II))	162715-14-2	--
614		Copper(II) trifluoromethanesulfonimide xhydrate (TFSI-Cu(II)·H_2O)	1334406-76-6	--

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
615		(OC-6-11)-Tris(1,1,1-trifluoro-N-((trifluoromethyl)sulfonyl-kappaO)methanesulfonamidato-kappaO)iron (TFSI-Fe)	207861-59-4	--
616		Bis(trifluoromethylsulfonyl)azanide;mercury(2+) (TFSI-Hg(II))	104715-41-5	--
617		Potassium bis(trifluoromethanesulfonyl)imide (TFSI-K)	90076-67-8	--
618		Magnesium bis(trifluoromethylsulfonyl)imide (TFSI-Mg)	133395-16-1	--
619		Manganese(II) bis(trifluoromethanesulfonyl)imide (TFSI-Mn(II))	207861-55-0	--
620		Nickel bis(trifluoromethylsulfonyl)imide (TFSI-Ni(II))	207861-63-0	--
621		Strontium bis(trifluoromethylsulfonyl)imide (TFSI-Sr(II))	862121-57-1	--
622		Tris[bis(trifluoromethylsulfonyl)amino] ytterbium (TFSI-Yb)	175438-43-4	--
623		Zinc(II) bis(trifluoromethanesulfonyl)imide (TFSI-Zn(II))	168106-25-0	--
624	6:2diPAPS and its salts	Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) hydrogen phosphate (6:2diPAPS)	57677-95-9	0.010
625		Sodium bis[2-(perfluorohexyl)ethyl] phosphate (6:2diPAPS-Na)	407582-79-0	--
626		Ammonium bis[2-(perfluorohexyl)ethyl] phosphate (6:2diPAPS-NH_4)	1764-95-0	--
627		Bis(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl) phosphate ion(1-) (6:2diPAPS(Anion))	667465-18-1	--
628	8:8 PFPi and its salts	Bis(heptadecafluorooctyl)phosphinic acid (8:8 PFPi)	40143-79-1	0.010
629		Sodium bis(perfluorooctyl)phosphinate (8:8 PFPi-Na)	500776-69-2	--
630		Bis(perfluorooctyl) phosphinic acid erbium(3+) salt (8:8 PFPi-Er)	500776-70-5	--
631		Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt (8:8 PFPi-Yb)	500776-71-6	--
632	EtFHxSAA and its salts	N-Ethyl-N-((tridecafluorohexyl)sulfonyl)glycine (EtFHxSAA)	68957-32-4	0.010
633		Potassium N-ethyl-N-(perfluorohexylsulphonyl)glycinate (EtFHxSAA-K)	67584-53-6	--
634		Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate (EtFHxSAA-Na)	68555-70-4	--
635	HFPO-TA and its salts	Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid (HFPO-TA)	13252-14-7	0.100
636		Potassium perfluoro(2-(2-propoxypropoxy)propanoate) (HFPO-TA-K)	67118-57-4	--
637		Perfluoro-2,5-dimethyl-3,6-dioxanonanoic acid, sodium salt (HFPO-TA-Na)	67963-76-2	--
638		2,3,3,3-Tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoic acid-ammonia (HFPO-TA-NH_3)	13043-05-5	--
639		Hexafluoropropene oxide trimer (HFPO-TA-F)	2641-34-1	--
640		Methanaminium perfluoro-2-(2-propoxypropoxy)propanoate (HFPO-TA-CH_3NH_2)	328065-29-8	--
641		2,3,3,3-Tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(heptafluoropropoxy)propoxy]propanoic acid-N-methylmethanamine (1/1) (HFPO-TA-$(CH_3)_2NH$)	328065-54-9	--
642		Triethylaminium perfluoro-2-(2-propoxypropoxy)propanoate (HFPO-TA-$(C_2H_5)_3N$)	165951-19-9	--
643	PFEtS and its salts	Perfluoroethanesulfonic acid (PFEtS)	354-88-1	0.010
644		Potassium pentafluoroethane-1-sulfonate (PFEtS-K)	2837-92-5	--
645		Perfluoroethanesulfonic acid sodium (PFEtS-Na)	2923-21-9	--
646		Pentafluoroethanesulfonate (PFEtS(anion))	108410-37-3	--
647	PFOPA and its salts	(Perfluorooctyl)phosphonic acid (PFOPA)	40143-78-0	0.010
648		(Heptadecafluorooctyl)phosphonic acid-4-methylaniline (PFOPA-C_8H_9NO)	1263361-03-0	--
649	--	N-ethyltridecafluoro-N-(2-hydroxyethyl)hexanesulphonamide (Et-FHxSE)	34455-03-3	0.100
650	--	1H,1H,2H,2H-Perfluorododecyl acetate (10:2FTOAc)	37858-05-2	0.200
651	--	1H,1H,2H,2H-Perfluorohexyl methacrylate (4:2 FTMA)	1799-84-4	0.200
652	--	2-(N-Ethyl-N-(perfluorooctylsulfonyl)amino)ethyl acrylate (EtFOSAC)	423-82-5	0.200
653	--	7:2 sFluorotelomer alcohol (7:2sFTOH)	24015-83-6	0.200
654	--	1H,1H,2H,2H-Perfluorohexyl iodide (4:2 FTI)	2043-55-2	0.200

Test Report

No.	Group Name	Substance Name(s)	CAS No.	MDL (mg/kg)
655	--	1H,1H-Perfluorooctylamine (7:1 $FTNH_2$)	307-29-9	0.200
656	--	2-(Perfluorobutyl) Ethyl Acrylate (4:2 FTA)	52591-27-2	0.200
657	--	N-(Methyl)nonafluorobutanesulfonamide (MeFBSA)	68298-12-4	0.200
658	6:8 PFPi and its salts	Perfluorohexylperfluorooctyl phosphinic acid (6:8 PFPi)	610800-34-5	0.010
659		Sodium perfluorohexylperfluorooctylphosphinate (6:8 PFPi-Na)	2361298-14-6	--
660	--	2-(Methyl((tridecafluorohexyl)sulphonyl)amino)ethyl methacrylate (N-MeFHxSA-EE)	67584-61-6	0.100
661	--	2-(Ethyl((tridecafluorohexyl)sulphonyl)amino)ethyl methacrylate (N-EtFHxSA-EE)	67906-70-1	0.100
662	PFPrS and its salts	Perfluoropropanesulfonic acid (PFPrS)	423-41-6	0.010
663		Sodium perfluoro-1-propanesulfonate (PFPrS-Na)	359868-82-9	--
664		Potassium heptafluoropropanesulfonate (PFPrS-K)	40365-23-9	--
665		Perfluoropropane sulfonate (PFPrS(anion))	110676-15-8	--
666	BPAF and its salts	Bisphenol AF (BPAF)	1478-61-1	0.050
667		Benzyltriphenylphosphanium 4-[1,1,1,3,3,3- hexafluoro-2-(4-hydroxyphenyl)propan-2-yl]benzene-1-olate (BPAF-$C_{25}H_{22}P$)	75768-65-9	--
668		Benzyl(diethylamino)diphenylphosphanium 4-[1,1,1,3,3,3-hexafluoro-2-(4-hydroxyphenyl)propan-2-yl]benzen-1-olate (BPAF-$C_{23}H_{27}NP$)	577705-90-9	--
669		BIS-AF-Sodium salt (BPAF-Na_2)	74938-83-3	--
670		Phenol, 4,4'-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis-, dipotassium salt (BPAF-K_2)	25088-69-1	--
671		Potassium p-(2,2,2-trifluoro-1-(p-hydroxyphenyl)-1-(trifluoromethyl)ethyl)phenolate (BPAF-K)	52870-69-6	--
672		N,N-Dibutyl-N-methyl-1-butanaminium 4,4'-(2,2,2-trifluoro-1-(trifluoromethyl)ethylidene)bis(phenolate) (BPAF-Tributylmethylammonium)	475569-04-1	--
673		Sodium tributyl(2-methoxypropyl)phosphanium 4,4'-(1,1,1,3,3,3-hexafluoropropane-2,2-diyl)diphenolate (1/1/1) (BPAF-Sodium tributyl(2-methoxypropyl)phosphanium)	181531-28-2	--
674		Tributyl(2-methoxypropyl)phosphonium salt with 4,4a(2)-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]bis[phenol] (1:1) (BPAF-Tributyl(2-methoxypropyl)phosphonium)	126049-00-1	--
675	--	Tridecafluoro-N-(2-hydroxyethyl)-N-methyl-1-hexanesulfonamide (MeFHxSE)	68555-75-9	0.100

Sample/Part Description

No.	CTI Sample ID	Description
1	001	White paper with blue ink

Test Report

Photo(s) of the sample(s)

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