检测报告
TEST REPORT

报告编号/ Report No.	：	WTF26F07223078C
任务号/Job No.	：	FSW2607291819CJ
委托方/ Applicant	：	东莞市创慧电子有限公司 DongGuan ChuangHui Electronics Co., Ltd.
地址/ Address	：	广东省东莞市谢岗镇谢岗金科南路 4 号 4th JinKe South Road, XieGang Town, DongGuan, GuangDong, PRC
样品名称/ Sample Name	：	铝电解电容器/ Aluminum electrolytic capacitor
检测要求/ Test Requested	：	根据客户要求，测试送检样品中全氟和多氟烷基化合物(PFAS)的含量。 As specified by client, to determine the Perfluoroalkyl and polyfluoroalkyl substances(PFAS) content in the submitted sample.
检测方法/ Test Method	：	参见报告下页/ Refer to next page (s)
检测结论/ Test Conclusion	：	**符合/ Pass**
样品接收日期/ Date of Receipt Sample	：	2026-07-29
检测周期/ Testing Period	：	2026-07-29 ~ 2026-08-03
报告日期/ Date of Issue	：	2026-08-03
检测结果/ Test Result	：	参见报告下页/ Refer to next page (s)

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佛山市沃特测试技术服务有限公司/ Waltek Testing Group (Foshan) Co., Ltd.

样品图片 / Sample Photo:



No.1



No.2



No.3



No.4



No.5

/

测试结果/ Test Results:

检测方法/仪器/ Test Method/Equipment:

-参考 US EPA 3550C:2007，溶剂萃取，使用 LC-MS/MS,GC-MS 检测全氟和多氟烷基化合物(PFAS)含量

-With reference to US EPA 3550C:2007, solvent extraction, determination of Perfluoroalkyl and polyfluoroalkyl substances(PFAS) by LC-MS/MS,GC-MS

检测项目 Test Item(s)	CAS 号 CAS No.	单位 Unit	定量限 LOQ	结果 Result(s) No.(1+2+3)#	限值 Limit
全氟和多氟烷基化合物(PFAS)(详见备注-清单) Perfluoroalkyl and polyfluoroalkyl substances (PFAS)(See the note list for details)	见备注 See Note	mg/kg	见备注 See Note	ND	不得检出 Not Detected
结论 / Conclusion	--	--	--	**符合 Pass**	--

检测项目 Test Item(s)	CAS 号 CAS No.	单位 Unit	定量限 LOQ	结果 Result(s) No.(4+5)#	限值 Limit
全氟和多氟烷基化合物(PFAS)(详见备注-清单) Perfluoroalkyl and polyfluoroalkyl substances (PFAS)(See the note list for details)	见备注 See Note	mg/kg	见备注 See Note	ND	不得检出 Not Detected
结论 / Conclusion	--	--	--	**符合 Pass**	--

备注/ Note:

(1)mg/kg (毫克每千克) = ppm (百万分之)/ mg/kg (milligram per kilogram) = ppm (parts per million)

(2)ND=未检出，检测值小于定量限/ ND=Not Detected or lower than limit of quantitation

(3)LOQ =定量限/ LOQ =Limit of quantitation

(4)"--"=未规定/ "--"=Not regulated

(5)#=依据申请方要求，对样品按等质量比例进行混合测试，基于混合测试部件中的最小样品质量计算测试结果。/ #= As per applicant's requirement, the testing was conducted based on mixed components by weight in equal ratio, results are calculated by the minimum weight of mixed components.

(6)限值要求由客户提供。/ The limits were provided by client.

(7)全氟和多氟烷基化合物(PFAS)清单包含/ The list of Perfluoroalkyl and polyfluoroalkyl substances(PFAS) contain:

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
PFOS 及其盐&相关化合物 PFOS and its salts & related compounds			
1	全氟辛烷磺酸(PFOS) Perfluorooctane sulfonates(PFOS)	1763-23-1	0.025
2	全氟辛基磺酰氟(POSF) Perfluorooctane Sulfonyl fluoride(POSF)	307-35-7	--
3	全氟辛基磺酸钾(PFOS-K) Potassium Perfluorooctanesulfonate(PFOS-K)	2795-39-3	--
4	全氟辛基磺酸铵(PFOS-NH_4) Perfluorooctanesulfonic acid, ammonium salt(PFOS-NH_4)	29081-56-9	--
5	全氟辛基磺酸二癸二甲基铵(PFOS-N($C_{10}H_{21}$)$_2$(CH_3)$_2$/PFOS-DDA) N-Decyl-N,N-dimethyl-1-decanaminium perfluorooctanesulfonate(PFOS-N($C_{10}H_{21}$)$_2$(CH_3)$_2$/PFOS-DDA)	251099-16-8	--
6	全氟辛基磺酸二乙醇铵(PFOS-NH(OH)$_2$) Perfluorooctane sulfonate diethanolamine salt(PFOS-NH(OH)$_2$)	70225-14-8	--
7	全氟辛基磺酸锂(PFOS-Li) Perfluorooctanesulfonic acid, lithium salt(PFOS-Li)	29457-72-5	--
8	全氟辛基磺酸四乙基铵(PFOS-N(C_2H_5)$_4$) Perfluorooctanesulfonic acid, tetraethylammonium salt(PFOS-N(C_2H_5)$_4$)	56773-42-3	--
9	全氟辛烷磺酸钠(PFOS-Na) Sodium perfluorooctane sulfonate(PFOS-Na)	4021-47-0	--
10	全氟辛基磺酸镁(POSF-Mg/PFOS-Mg) Magnesium bis (perfluorooctane-1-sulfonic acid)(POSF-Mg/PFOS-Mg)	91036-71-4	--
11	全氟辛基磺酸哌啶(PFOS-NH(C_5H_{11})) Piperidinium perfluorooctanesulfonate(PFOS-NH(C_5H_{11}))	71463-74-6	--
12	全氟辛烷磺酸四丁基铵(PFOS-NH($C_{16}H_{36}$)) Tetrabutylammonium perfluorooctanesulfonate(PFOS-NH($C_{16}H_{36}$))	111873-33-7	--
13	全氟辛基磺酸四甲基胺(PFOS-$C_4H_{12}N$) Tetramethylammonium perfluorooctane sulfonate(PFOS-$C_4H_{12}N$)	56773-44-5	--
14	全氟辛基磺酸二乙胺(PFOS-$C_4H_{11}N$) Perfluorooctanesulfonic acid diethylamine salt(PFOS-$C_4H_{11}N$)	2205029-08-7	--
15	全氟辛基磺酸三乙胺(PFOS-$C_6H_{15}N$) Triethylammonium perfluorooctane sulfonate(PFOS-$C_6H_{15}N$)	54439-46-2	--
16	全氟辛基磺酸三丁基甲基胺(PFOS-$C_{13}H_{30}N$) N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-$C_{13}H_{30}N$)	124472-68-0	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
17	全氟辛基磺酸戊基（三丙基）氮胺(PFOS-$C_{14}H_{32}N$) N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-$C_{14}H_{32}N$)	56773-56-9	--
18	全氟辛基磺酸四丁基膦(PFOS-$C_{16}H_{36}P$) Tetrabutylphosphonium perfluorooctane sulfonate(PFOS-$C_{16}H_{36}P$)	2185049-59-4	--
19	全氟辛基磺酸庚基二甲基-[2-（2-甲基丙-2-烯酰氧基）乙基]胺 (PFOS-$C_{15}H_{30}NO_2$) heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate(PFOS-$C_{15}H_{30}NO_2$)	1203998-97-3	--
20	双[4-（1,1-二甲基乙基）苯基]-碘鎓与全氟-1-辛烷磺酸的盐(1:1)(PFOS-$C_{20}H_{26}I$) Iodonium,bis[4-(1,1-dimethylethyl)phenyl]-,salt with perfluoro-1-octanesulfonic acid (1:1)(PFOS-$C_{20}H_{26}I$)	213740-80-8	--
21	全氟辛基磺酸二苯基（2,4,6-三甲基苯基）硫(PFOS-$C_{21}H_{21}S$) Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate(PFOS-$C_{21}H_{21}S$)	258341-99-0	--
22	全氟辛基磺酸十六烷基吡啶(PFOS-$C_{21}H_{38}N$) 1-Hexadecylpyridinium perfluoro-1-octanesulfonate(PFOS-$C_{21}H_{38}N$)	334529-63-4	--
23	全氟辛基磺酸酐(PFOSAN) Perfluorooctane sulfonic anhydride(PFOSAN)	423-92-7	--
24	全氟（7-甲基-1-辛烷磺酸） Perfluoro(7-methyl-1-octanesulfonic acid)	71500-44-2	--
25	全氟-1-甲基庚磺酸 Perfluoro-1-methylheptanesulfonic acid	927670-12-0	--
26	全氟-5-甲基庚磺酸 Perfluoro-5-methylheptanesulfonic acid	747385-21-3	--
27	全氟-6-甲基庚磺酸 Perfluoro-6-methylheptanesulfonic acid	255831-20-0	--
28	全氟辛烷磺酸盐(PFOS(anion)) Perfluorooctanesulfonate(PFOS(anion))	45298-90-6	--
29	N,N,N-三乙基癸-1-胺十七氟辛烷-1-磺酸盐(PFOS-$C_{16}H_{36}N$) N,N,N-Triethyldecan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-$C_{16}H_{36}N$)	773895-92-4	--
30	全氟辛基磺酰氯(PFOS-Cl) Perfluorooctanesulfonyl chloride(PFOS-Cl)	423-60-9	--
FOSAA 及其盐 FOSAA and its salts			
31	N-（全氟 1-辛磺酰）甘氨酸(FOSAA)	2806-24-8	0.025

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	N-[(Perfluorooctyl)sulfonyl]glycine(FOSAA)		
32	全氟辛烷磺酰氨基乙酸盐(FOSAA(anion)) N-[(Perfluorooctyl)sulfonyl]glycinate(FOSAA(anion))	909405-47-6	--
33	全氟辛烷磺酰氨基乙酸钾(FOSAA-K) N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1)(FOSAA-K)	75260-69-4	--
34	全氟辛烷磺酰氨基乙酸钠(FOSAA-Na) N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1)(FOSAA-Na)	115716-87-5	--
N-MeFOSAA 及其盐 N-MeFOSAA and its salts			
35	2-（N-甲基全氟辛烷磺酰氨基）乙酸(N-MeFOSAA) 2-(N-Methylperfluorooctanesulfonamido)acetic acid(N-MeFOSAA)	2355-31-9	0.025
36	N-（十七氟辛基磺酰基）-N-甲基甘氨酸盐(N-Me-FOSAA(anion)) 2-(N-Methylperfluorooctanesulfonamido)acetate(N-Me-FOSAA(anion))	909405-48-7	--
37	N-（十七氟辛基磺酰基）-N-甲基甘氨酸钾(N-Me-FOSAA-K) Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)	70281-93-5	--
N-EtFOSAA 及其盐 N-EtFOSAA and its salts			
38	N-乙基-N-（（十七氟辛基）磺酰基）甘氨酸(N-EtFOSAA) N-ethyl-N-((heptadecafluorooctyl) sulfonyl)glycine(N-EtFOSAA)	2991-50-6	0.025
39	N-乙基-N-[（十七烷氟辛基）磺酰基]-甘氨酸钾盐(N-Et-FOSAA-K) Glycine,N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7	--
40	N-乙基-N-（（十七氟辛基）磺酰基）甘氨酸盐(N-Et-FOSAA(anion)) 2-(N-Ethyl-perfluorooctanesulfonamido)acetate(N-Et-FOSAA(anion))	909405-49-8	--
41	N-乙基-N-（（十七氟辛基）磺酰基）甘氨酸铵(N-Et-FOSAA-NH_4) Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate(N-Et-FOSAA-NH_4)	2991-52-8	--
42	N-乙基-N-（（十七氟辛基）磺酰基）甘氨酸钠(N-Et-FOSAA-Na) Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate(N-Et-FOSAA-Na)	3871-50-9	--
PFOSA 及其盐 PFOSA and its salts			
43	全氟辛基磺酰胺(PFOSA) Perfluorooctanesulfonamide(PFOSA)	754-91-6	0.025
44	全氟辛烷磺酰胺锂盐(1:1)(PFOSA-Li) Perfluorooctanesulfonamide lithium salt (1:1)(PFOSA-Li)	76752-79-9	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
45	全氟辛基磺酰胺钠盐(1:1)(PFOSA-Na) Perfluorooctanesulfonamide Sodium salt (1:1)(PFOSA-Na)	76752-78-8	--
46	全氟辛基磺酰胺钾盐(1:1)(PFOSA-K) Perfluorooctanesulfonamide Potassium salt (1:1)(PFOSA-K)	76752-70-0	--
47	全氟辛基磺酰胺铵盐(1:1)(PFOSA-NH_4) Perfluorooctanesulfonamide Ammonium salt (1:1)(PFOSA-NH_4)	76752-72-2	--
48	全氟辛基磺酰胺三乙胺(PFOSA-$C_6H_{15}N$) Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)(PFOSA-$C_6H_{15}N$)	76752-82-4	--
PFOA 及其盐&相关化合物 PFOA and its salts & related compounds			
49	全氟辛酸(PFOA) Perfluorooctanoic acid(PFOA)	335-67-1	0.025
50	全氟辛酸铵(APFO) Ammonium pentadecafluorooctanoate(APFO)	3825-26-1	--
51	全氟辛酸钠(PFOA-Na) Sodium perfluorooctanoate(PFOA-Na)	335-95-5	--
52	全氟辛酸钾(PFOA-K) Potassium perfluorooctanoate(PFOA-K)	2395-00-8	--
53	全氟辛酸银(PFOA-Ag) Silver perfluorooctanoate(PFOA-Ag)	335-93-3	--
54	全氟辛氟(PFOA-F) Perfluorooctanoyl fluoride(PFOA-F)	335-66-0	--
55	全氟辛酸铬(3+)(PFOA-Cr) Chromium(III) perfluorooctanoate(PFOA-Cr)	68141-02-6	--
56	全氟辛酸-哌嗪(2:1)(PFOA-NH($C_4H_{10}N$)) Pentadecafluorooctanoic acid--piperazine (2/1)(PFOA-NH($C_4H_{10}N$))	423-52-9	--
57	全氟辛酸钴(PFOA-Co) Cobalt perfluorooctanoate(PFOA-Co)	35965-01-6	--
58	全氟辛酸锂(PFOA-Li) Lithium perfluorooctanoate(PFOA-Li)	17125-58-5	--
59	全氟辛酸铯(PFOA-Cs) Cesium perfluorooctanoate(PFOA-Cs)	17125-60-9	--
60	全氟辛酸四甲基胺(PFOA-NH(C_4H_{11})) Perfluorooctanoate N,N,N-Trimethylmethanaminium(PFOA-NH(C_4H_{11}))	32609-65-7	--
61	全氟辛酸四丙基胺(PFOA-NH($C_{12}H_{27}$)) Tetrapropylammonium perfluorooctanoate(PFOA-NH($C_{12}H_{27}$))	277749-00-5	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
62	N,N,N-三乙基乙胺全氟辛酸酯(PFOA-NH(C_8H_{19})) N,N,N-Triethylethanaminium perfluorooctanoate(PFOA-NH(C_8H_{19}))	98241-25-9	--
63	全氟-2-乙基-2,3-二甲基丁酸 Butanoic acid, 3,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-2-(trifluoromethyl)-	1882109-59-2	--
64	全氟-3,3-二甲基己酸 Hexanoic acid, 2,2,4,4,5,5,6,6,6-nonafluoro-3,3-bis(trifluoromethyl)-	1812247-20-3	--
65	全氟-2,3-二甲基己酸 Hexanoic acid, 2,3,4,4,5,5,6,6,6-nonafluoro-2,3-bis(trifluoromethyl)-	1812247-18-9	--
66	全氟-4,5-二甲基己酸 Hexanoic acid, 2,2,3,3,4,5,6,6,6-nonafluoro-4,5-bis(trifluoromethyl)-	1144512-36-6	--
67	全氟-5,5-二甲基己酸 Hexanoic acid, 2,2,3,3,4,4,6,6,6-nonafluoro-5,5-bis(trifluoromethyl)-	1144512-34-4	--
68	全氟-5-甲基庚酸 Heptanoic acid, 2,2,3,3,4,4,5,6,6,7,7,7-dodecafluoro-5-(trifluoromethyl)-	909009-42-3	--
69	全氟-2-甲基庚酸 Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-	207678-51-1	--
70	全氟-2-乙基己酸 Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-	35605-76-6	--
71	全氟-2,5-二甲基己酸 Hexanoic acid, 2,3,3,4,4,5,6,6,6-nonafluoro-2,5-bis(trifluoromethyl)-	1882109-80-9	--
72	全氟-2,2-二乙基丁酸 Butanoic acid, 3,3,4,4,4-pentafluoro-2,2-bis(1,1,2,2,2-pentafluoroethyl)-	1882109-58-1	--
73	全氟-2,4-二甲基己酸 Hexanoic acid, 2,3,3,4,5,5,6,6,6-nonafluoro-2,4-bis(trifluoromethyl)-	1812247-19-0	--
74	全氟-2,2-二甲基己酸 Hexanoic acid, 3,3,4,4,5,5,6,6,6-nonafluoro-2,2-bis(trifluoromethyl)-	1812247-17-8	--
75	全氟-4,4-二甲基己酸 Hexanoic acid, 2,2,3,3,5,5,6,6,6-nonafluoro-4,4-bis(trifluoromethyl)-	1192593-79-5	--
76	全氟-3,5-二甲基己酸 Hexanoic acid, 2,2,3,4,4,5,6,6,6-nonafluoro-3,5-bis(trifluoromethyl)-	1144512-35-5	--
77	全氟-4-甲基庚酸 Heptanoic acid, 2,2,3,3,4,5,5,6,6,7,7,7-dodecafluoro-4-(trifluoromethyl)-	1144512-18-4	--
78	全氟-3-甲基庚酸 Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3-(trifluoromethyl)-	705240-04-6	--
79	全氟-6-（三氟甲基）庚酸	15166-06-0	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-		
80	全氟-3,4-二甲基己酸 Hexanoic acid, 2,2,3,4,5,5,6,6,6-nonafluoro-3,4-bis(trifluoromethyl)-	1882109-81-0	--
81	全氟-4-乙基己酸 Hexanoic acid, 2,2,3,3,4,5,5,6,6,6-decafluoro-4-(1,1,2,2,2-pentafluoroethyl)-	1882109-79-6	--
82	全氟-3-乙基己酸 Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-decafluoro-3-(1,1,2,2,2-pentafluoroethyl)-	1882109-78-5	--
83	全氟-2-丙基戊酸 Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-(1,1,2,2,3,3,3-heptafluoropropyl)-	1882109-77-4	--
84	全氟-2-（丙基-2-基）戊酸 Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-	1882109-76-3	--
85	全氟-3,4,4-三甲基戊酸 Pentanoic acid, 2,2,3,5,5,5-hexafluoro-3,4,4-tris(trifluoromethyl)-	1882109-75-2	--
86	全氟-3,3,4-三甲基戊酸 Pentanoic acid, 2,2,4,5,5,5-hexafluoro-3,3,4-tris(trifluoromethyl)-	1882109-74-1	--
87	全氟-2,4,4-三甲基戊酸 Pentanoic acid, 2,3,3,5,5,5-hexafluoro-2,4,4-tris(trifluoromethyl)-	1882109-73-0	--
88	全氟-2,3,4-三甲基戊酸 Pentanoic acid, 2,3,4,5,5,5-hexafluoro-2,3,4-tris(trifluoromethyl)-	1882109-72-9	--
89	全氟-2,3,3-三甲基戊酸 Pentanoic acid, 2,4,4,5,5,5-hexafluoro-2,3,3-tris(trifluoromethyl)-	1882109-71-8	--
90	全氟-2,2,4-三甲基戊酸 Pentanoic acid, 3,3,4,5,5,5-hexafluoro-2,2,4-tris(trifluoromethyl)-	1882109-70-7	--
91	全氟-3-（2-丙基）戊酸 Pentanoic acid, 2,2,3,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-	1882109-68-3	--
92	全氟-3-乙基-3-甲基戊酸 Pentanoic acid, 2,2,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-	1882109-67-2	--
93	全氟-3-乙基-2-甲基戊酸 Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-	1882109-66-1	--
94	全氟-2-乙基-4-甲基戊酸 Pentanoic acid, 2,3,3,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-4-(trifluoromethyl)-	1882109-65-0	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
95	全氟-2-乙基-3-甲基戊酸 Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-3-(trifluoromethyl)-	1882109-64-9	--
96	全氟-2-乙基-2-甲基戊酸 Pentanoic acid, 3,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2-pentafluoroethyl)-2-(trifluoromethyl)-	1882109-63-8	--
97	全氟-2,2,3-三甲基戊酸 Pentanoic acid, 3,4,4,5,5,5-hexafluoro-2,2,3-(trifluoromethyl)-	1882109-69-4	--
98	全氟-2,2,3,3-四甲基丁酸 Butanoic acid, 4,4,4-trifluoro-2,2,3,3-tetrakis(trifluoromethyl)-	1882109-62-7	--
99	全氟-3-甲基-2-（2-丙基）丁酸 Butanoic acid, 2,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-3-(trifluoromethyl)-	1882109-61-6	--
100	全氟-2-乙基-3,3-二甲基丁酸 Butanoic acid, 2,3,3,4,4,4-hexafluoro-2-[2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl]-	1882109-60-5	--
101	全氟-2-乙基己酸铵 Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2- pentafluoroethyl)-, ammonium salt (1:1)	13058-06-5	--
102	全氟-2-乙基己酸钠 Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-, sodium salt (1:1)	1195164-59-0	--
103	全氟-6-甲基庚酸铵 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, ammonium salt (1:1)	19742-57-5	--
104	全氟-6-甲基庚酸铁盐 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, iron salt (1:x)	61436-04-2	--
105	全氟-6-甲基庚酸钾 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, potassium salt (1:1)	29457-73-6	--
106	全氟-6-甲基庚酸钠 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, sodium salt (1:1)	18017-22-6	--
107	全氟-6-（甲基）庚酸铬 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, chromium salt (1:x)	15739-82-9	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
108	全氟-6-甲基庚酸铝 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-, aluminum salt (3:1)	15715-47-6	--
109	全氟-2-甲基庚酸铵 Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-, ammonium salt (1:1)	207678-62-4	--
110	全氟-2-甲基庚酸钠 Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-, sodium salt (1:1)	207678-72-6	--
111	全氟-3-甲基庚酸钠 Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3-(trifluoromethyl)-, sodium salt (1:1)	646-84-4	--
112	全氟辛酸酐(PFOAA) Perfluorooctanoic Anhydride(PFOAA)	33496-48-9	--
113	全氟辛酸盐(PFOA(anion)) Pentadecafluorooctanoate (anion)(PFOA(anion))	45285-51-6	--
114	全氟辛酸钾水合物(PFOA-K(H_2O)$_2$) Potassium pentadecafluorooctanoate--water (1/1/2)(PFOA-K(H_2O)$_2$)	98065-31-7	--
115	全氟辛酸乙胺(PFOA-C_2H_7N) Perfluorooctanoic acid compd. with ethanamine (1:1)(PFOA-C_2H_7N)	1376936-03-6	--
116	全氟辛酸吡啶(PFOA-C_5H_5N) Pentadecafluorooctanoic acid--pyridine (1/1)(PFOA-C_5H_5N)	95658-47-2	--
117	全氟辛酸苯基哌嗪(PFOA-$C_{10}H_{14}N_2$) pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1)(PFOA-$C_{10}H_{14}N_2$)	1514-68-7	--
118	全氟辛酸辛基三甲基铵(PFOA-$C_{11}H_{26}N$) N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate(PFOA-$C_{11}H_{26}N$)	927835-01-6	--
119	全氟辛酰氯(PFOA-Cl) Pentadecafluorooctanoyl chloride(PFOA-Cl)	335-64-8	--
120	氯化铬-全氟辛酸络合物(PFOA-$(HCrCl)_2OH$) Chromium chloride-perfluorooctanoic acid complex(PFOA-$(HCrCl)_2OH$)	55801-89-3	--
121	全氟辛酰溴(PFOA-Br) Perfluorooctanoyl Bromide(PFOA-Br)	222037-87-8	--
8:2 FTS 及其盐 8:2 FTS and its salts			
122	1H,1H,2H,2H-全氟癸烷磺酸(8:2 FTS) 1H,1H,2H,2H-perfluorodecane sulfonic acid(8:2 FTS)	39108-34-4	0.025
123	1H,1H,2H,2H-全氟癸磺酸铵(8:2 FTS-NH_4)	149724-40-3	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	8:2 Fluorotelomer sulfonate ammonium salt(8:2 FTS-NH_4)		
124	1H,1H,2H,2H-全氟癸磺酸钠(8:2 FTS-Na) 1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium(8:2 FTS-Na)	27619-96-1	--
125	1H,1H,2H,2H-全氟癸磺酸钾(8:2 FTS-K) Potassium 2-(perfluorooctyl)ethane-1-sulfonate(8:2 FTS-K)	438237-73-1	--
126	1H,1H,2H,2H-全氟癸磺酸盐(8:2 FTS(anion)) 2-(Perfluorooctyl)ethane-1-sulfonate(8:2 FTS(anion))	481071-78-7	--
127	1H,1H,2H,2H-全氟癸磺酰氯(8:2 FTS-Cl) 2-(Perfluorooctyl)ethanesulfonyl chloride(8:2 FTS-Cl)	27619-90-5	--
8:2 FTCA 及其盐 8:2 FTCA and its salts			
128	2H,2H-全氟癸酸(H_2PFDA/8:2 FTCA) 2H,2H-perfluorodecanoic acid(H_2PFDA/8:2 FTCA)	27854-31-5	0.025
129	四丁基鏻 2H,2H-全氟癸酸酯(8:2 FTCA-P(C_4H_9)$_4$) Tetrabutyl phosphonium 2H,2H-Perfluorodecanoate(8:2 FTCA-P(C_4H_9)$_4$)	882489-14-7	--
8:2 diPAP 及其盐 8:2 diPAP and its salts			
130	双（2-（全氟乙基））磷酸(8:2 diPAP) Bis(2-(perfluorooctyl)ethyl) hydrogen phosphate(8:2 diPAP)	678-41-1	0.025
131	双（2-（全氟乙基））磷酸钠(8:2 diPAP-Na) Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate(8:2 diPAP-Na)	114519-85-6	--
132	双（2-（全氟乙基））磷酸铵(8:2 diPAP-NH_4) Ammonium bis(1H,1H,2H,2H-perfluorodecyl)phosphate(8:2 diPAP-NH_4)	93776-20-6	--
133	双（2-（全氟乙基））磷酸盐(8:2 diPAP(anion)) 8:2 Fluorotelomer phosphate diester ion (1-)(8:2 diPAP(anion))	1411713-91-1	--
134	双（2-（全氟乙基））磷酸二乙醇胺(8:2 diPAP-$C_4H_{11}NO_2$) Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate(8:2 diPAP-$C_4H_{11}NO_2$)	57677-97-1	--
H_4PFUnDA/8:3 FTCA 及其盐 H_4PFUnDA/8:3 FTCA and its salts			
135	2H,2H,3H,3H-全氟十一酸(H_4PFUnDA/8:3 FTCA) 2H,2H,3H,3H-Perfluoroundecanoic acid(H_4PFUnDA/8:3 FTCA)	34598-33-9	0.025
136	3-（全氟辛基）丙酸钾(H_4PFUnDA-K) Potassium 3-(perfluorooctyl)propanoate(H_4PFUnDA-K)	83310-58-1	--
137	2H,2H,3H,3H-全氟十一酸锂(H_4PFUnDA-Li) Lithium 3-(perfluorooctyl)propanoate(H_4PFUnDA-Li)	67304-23-8	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
PFNA 及其盐 PFNA and its salts			
138	全氟壬酸(PFNA) Perfluorononanoic acid(PFNA)	375-95-1	0.025
139	全氟壬酸钠(PFNA-Na) Sodium heptadecafluorononanoate(PFNA-Na)	21049-39-8	--
140	全氟壬酸铵(PFNA-NH_4/APFN) Perfluorononanoate ammounium salt(PFNA-NH_4/APFN)	4149-60-4	--
141	全氟壬酸钾(PFNA-K) Potassium perfluorononanoate(PFNA-K)	21049-38-7	--
142	全氟壬酸银(PFNA-Ag) Silver perfluorononanoate(PFNA-Ag)	7358-16-9	--
143	全氟壬酸锂(PFNA-Li) Lithium heptadecafluorononanoate(PFNA-Li)	60871-92-3	--
144	全氟壬酸环己胺(PFNA-NH(C_6H_{12})) Cyclohexanaminium perfluorononanoate(PFNA-NH(C_6H_{12}))	328531-06-2	--
145	全氟壬酸哌啶(PFNA-NH(C_5H_{11})) Piperidinium perfluorononanoate(PFNA-NH(C_5H_{11}))	95682-66-9	--
146	全氟壬酸甲胺(PFNA-NH_3(CH_3)) Methanaminium perfluorononanoate(PFNA-NH_3(CH_3))	77032-23-6	--
147	全氟壬酸-N-乙基乙胺(1:1)(PFNA-NH_2(C_2H_5)$_2$) 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	--
148	全氟壬酸-N-甲基甲胺(1:1)(PFNA-NH_2(CH_3)$_2$) 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	--
149	全氟壬酸-N,N-二乙基乙酰胺(1:1)(9Cl)(PFNA-NH(C_2H_5)$_3$) Nonanoic acid, heptadecafluoro-,compd. with N,N-diethylethanamine (1:1)(9Cl)(PFNA-NH(C_2H_5)$_3$)	327176-80-7	--
150	全氟壬酸-苯胺(1:1)(PFNA-NH_3(C_6H_5)) 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	--
151	全氟壬酸盐(PFNA(anion)) Perfluorononanoate (anion)(PFNA(anion))	72007-68-2	--
152	全氟壬酸磺胺甲氧基哒嗪(PFNA-$C_{11}H_{12}N_4O_3S$) 4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate(PFNA-$C_{11}H_{12}N_4O_3S$)	298703-33-0	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
153	全氟壬酸酐(PFNAA) Perfluorononanoic anhydride(PFNAA)	228407-54-3	--
154	全氟壬酸氯(PFNA-Cl) Perfluorononanoyl chloride(PFNA-Cl)	52447-23-1	--
155	全氟壬酸氟(PFNA-F) Heptadecafluorononanoyl fluoride(PFNA-F)	558-95-2	--
156	全氟壬酰溴(PFNA-Br) Heptadecafluorononanoyl Bromide(PFNA-Br)	261503-42-8	--
PFDA 及其盐 PFDA and its salts			
157	全氟癸酸(PFDA) Perfluorodecanoic acid(PFDA)	335-76-2	0.025
158	全氟癸酸钠(PFDA-Na) Sodium nonadecafluorodecanoate(PFDA-Na)	3830-45-3	--
159	全氟癸酸铵(PFDA-NH_4/APFDA) Perfluorodecanoate ammonium salt(PFDA-NH_4/APFDA)	3108-42-7	--
160	全氟癸酸钾(PFDA-K) Potassium perfluorodecanoate(PFDA-K)	51604-85-4	--
161	全氟癸酸银(PFDA-Ag) Silver perfluorodecanoate(PFDA-Ag)	5784-82-7	--
162	全氟癸酸锂(PFDA-Li) Lithium perfluorodecanoate(PFDA-Li)	84743-32-8	--
163	全氟癸酸盐(PFDA(anion)) Perfluorodecanoate (anion)(PFDA(anion))	73829-36-4	--
164	全氟癸酸酐(PFDAA) Perfluorodecanoic anhydride(PFDAA)	942199-24-8	--
165	全氟癸酰氯(PFDA-Cl) Perfluorodecanoyl chloride(PFDA-Cl)	307-38-0	--
PFUnDA 及其盐 PFUnDA and its salts			
166	全氟十一烷酸(PFUnDA/PFUdA) Perfluoroundecanoic Acid(PFUnDA/PFUdA)	2058-94-8	0.025
167	全氟十一烷酸钠(PFUnDA-Na) Sodium perfluoroundecanoate(PFUnDA-Na)	60871-96-7	--
168	全氟十一烷酸铵(PFUnDA-NH_4) Ammonium perfluoroundecanoate(PFUnDA-NH_4)	4234-23-5	--
169	全氟十一烷酸钾(PFUnDA-K)	30377-53-8	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	Potassium perfluoroundecanoate(PFUnDA-K)		
170	全氟十一酸钙(PFUnDA-Ca) Calcium perfluoroundecanoate(PFUnDA-Ca)	97163-17-2	--
171	全氟十一烷酸盐(PFUnDA(anion)) Perfluoroundecanoate (anion)(PFUnDA(anion))	196859-54-8	--
172	癸酸,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,10,10,10-十八氟-9（三氟甲基）-铵盐 Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,10,10,10-octadecafluoro-9-(trifluoromethyl)-, ammonium salt	3658-63-7	--
PFDoDA 及其盐 PFDoDA and its salts			
173	全氟十二烷酸(PFDoDA/PFDoA) Perfluorododecanoic Acid(PFDoDA/PFDoA)	307-55-1	0.025
174	全氟十二烷酸铵(PFDoDA-NH_4) Ammonium perfluorodecanoate(PFDoDA-NH_4)	3793-74-6	--
175	全氟十二烷酸盐(PFDoDA(anion)) Perfluorododecanoate (anion)(PFDoDA(anion))	171978-95-3	--
176	全氟十二烷酸钠(PFDoDA-Na) Sodium perfluoro-n-dodecanoic acid(PFDoDA-Na)	307-67-5	--
PFTrDA 及其盐 PFTrDA and its salts			
177	全氟十三烷酸(PFTrDA/PFTrA) Perfluorotridecanoic Acid(PFTrDA /PFTrA)	72629-94-8	0.025
178	全氟十三烷酸钠(PFTrDA-Na) Sodium perfluorododecanoate(PFTrDA-Na)	60872-01-7	--
179	全氟十三烷酸铵(PFTrDA-NH_4) Ammonium perfluorotridecanoate(PFTrDA-NH_4)	4288-72-6	--
180	全氟十三烷酸盐(PFTrDA(anion)) Perfluorotridecanoate (anion)(PFTrDA(anion))	862374-87-6	--
181	二十二氟-11-（三氟甲基）十二烷酸 Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafluoro-11-(trifluoromethyl)-	16486-96-7	--
PFTDA 及其盐 PFTDA and its salts			
182	全氟十四烷酸(PFTDA/PFTeA/PFTeDA) Perfluorotetradecanoic Acid(PFTDA/PFTeA/PFTeDA)	376-06-7	0.025
183	全氟十四烷酸盐(PFTeDA(anion)) Perfluorotetradecanoate (anion)(PFTeDA(anion))	365971-87-5	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
PFDS 及其盐 PFDS and its salts			
184	全氟癸烷磺酸(PFDS) Henicosafluorodecanesulphonic acid(PFDS)	335-77-3	0.025
185	全氟癸烷磺酸钠(PFDS-Na) Perfluorodecanesulfonate Na-salt(PFDS-Na)	2806-15-7	--
186	全氟癸烷磺酸钾(PFDS-K) Perfluorodecanesulfonate K-salt(PFDS-K)	2806-16-8	--
187	全氟癸基磺酸铵(PFDS-NH_4) Ammonium perfluorodecanesulfonate(PFDS-NH_4)	67906-42-7	--
188	全氟癸烷磺酸盐(PFDSN) Perfluorodecanesulfonate(PFDSN)	126105-34-8	--
189	全氟癸烷磺酸酐(PFDSA) Perfluorodecane sulfonic anhydride(PFDSA)	51667-62-0	--
190	全氟癸烷磺酰氟(PFDS-F) Perfluorodecanesulfonyl fluoride(PFDS-F)	307-51-7	--
191	全氟癸烷磺酰氯(PFDS-Cl) Perfluorodecanesulfonyl chloride(PFDS-Cl)	32779-61-6	--
10:2 FTS 及其盐 10:2 FTS and its salts			
192	1H,1H,2H,2H-全氟十二烷磺酸(10:2 FTS) 1H,1H,2H,2H-Perfluorododecanesulphonicacid(10:2 FTS)	120226-60-0	0.025
193	1H,1H,2H,2H-全氟十二烷磺酸钠(10:2 FTS-Na) 1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium(10:2 FTS-Na)	108026-35-3	--
194	1H,1H,2H,2H-全氟十二烷磺酰氯(10:2 FTS-Cl) 2-(Perfluorodecyl)ethane-1-sulfonyl chloride(10:2 FTS-Cl)	27619-91-6	--
PFNS 及其盐 PFNS and its salts			
195	全氟壬烷磺酸(PFNS) Perfluorononane sulfonic acid(PFNS)	68259-12-1	0.025
196	全氟壬烷磺酸钠(PFNS-Na) Sodium Perfluorononanesulfonate(PFNS-Na)	98789-57-2	--
197	全氟壬基磺酸铵(PFNS-NH_4) Ammonium perfluorononanesulfonate(PFNS-NH_4)	17202-41-4	--
198	全氟壬烷磺酸钾(PFNS-K) Perfluorononanesulfonate potassium(PFNS-K)	29359-39-5	--
199	全氟壬烷磺酸盐(PFNS(anion))	474511-07-4	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	Perfluorononane sulfonate (anion)(PFNS(anion))		
200	全氟壬烷磺酰氟(PFNS-F) Perfluorononanesulfonyl fluoride(PFNS-F)	68259-06-3	--
PFUnDS 及其盐 PFUnDS and its salts			
201	全氟十一烷磺酸(PFUnDS/PFUnS) Perfluoroundecane sulfonic acid(PFUnDS/PFUnS)	749786-16-1	0.025
202	全氟十一烷磺酸钠(PFUnDS-Na) Sodium Perfluoroundecane sulfonic(PFUnDS-Na)	3016286-99-7	--
203	全氟十一烷磺酸盐(PFUnDS(anion)) Perfluoroundecanesulfonate(PFUnDS(anion))	441296-91-9	--
PFDoDS 及其盐 PFDoDS and its salts			
204	全氟十二烷磺酸(PFDoDS) Perfluorododecane sulfonic acid(PFDoDS)	79780-39-5	0.025
205	全氟十二烷磺酸钠(PFDoDS-Na) Sodium perfluoro-1-dodecanesulfonate(PFDoDS-Na)	1260224-54-1	--
206	全氟-1-十二烷磺酸钾(PFDoDS-K) 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	--
207	全氟十二烷磺酸盐(PFDoDS(anion)) Perfluorododecanesulfonate(PFDoDS(anion))	343629-43-6	--
PFTrDS 及其盐 PFTrDS and its salts			
208	全氟十三烷磺酸(PFTrDS) Perfluorotridecane sulfonic acid(PFTrDS)	791563-89-8	0.025
209	全氟十三烷磺酸钠(PFTrDS-Na) Sodium perfluorotridecanesulfonate(PFTrDS-Na)	174675-49-1	--
10:2 diPAP 及其盐 10:2 diPAP and its salts			
210	双[2-（全氟癸基）乙基]磷酸酯(10:2 diPAP) 10:2 Fluortelomerphosphatediester(10:2 diPAP)	1895-26-7	0.025
211	2,2'-亚氨基二乙醇双[2-（全氟癸基）乙基]磷酸盐(10:2 diPAP-$C_4H_{11}O_2$) Bis((perfluorodecyl)ethyl)hydrogen phosphate 2,2'-iminodiethanol(10:2 diPAP-$C_4H_{11}O_2$)	57677-98-2	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
PFHxS 及其盐&相关化合物 PFHxS and its salts & related compounds			
212	全氟己基磺酸(PFHxS) Perfluorohexanesulfonic acid(PFHxS)	355-46-4	0.025
213	全氟己基磺酸钠(PFHxS-Na) Sodium perfluorohexanesulfonate(PFHxS-Na)	82382-12-5	--
214	全氟己基磺酸钾(PFHxS-K) Potassium perfluorohexane-1-sulphonate(PFHxS-K)	3871-99-6	--
215	全氟己基磺酸铵(PFHxS-NH_4) Ammonium perfluorohexanesulfonate(PFHxS-NH_4)	68259-08-5	--
216	全氟己烷磺酸锂(PFHxS-Li) Lithium perfluorohexanesulfonate(PFHxS-Li)	55120-77-9	--
217	全氟己基磺酸锌(PFHxS-Zn) 1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt(PFHxS-Zn)	70136-72-0	--
218	全氟正己基磺酰胺(PFHxSA) Perfluorohexanesulfonamide(PFHxSA)	41997-13-1	--
219	全氟己基磺酸三苯基（苯基甲基）-磷鎓盐(PFHxS-P(C_6H_5)$_3$$C_7H_7$) Phosphonium,triphenyl(phenylmethyl)-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-P(C_6H_5)$_3$$C_7H_7$)	1000597-52-3	--
220	N,N,N-三丁基丁烷-1-胺全氟己基磺酸盐(PFHxS-N(C_4H_9)$_4$) N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate(PFHxS-N(C_4H_9)$_4$)	108427-54-9	--
221	N,N,N-三乙基乙胺全氟己基磺酸盐(PFHxS-N(C_2H_5)$_4$) Tetraethylammonium perfluorohexane sulfonate(PFHxS-N(C_2H_5)$_4$)	108427-55-0	--
222	全氟己基磺酸与四氢吡咯络合物(PFHxS-NC_4H_9) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-,compd. With pyrrolidine (1:1)(PFHxS-NC_4H_9)	1187817-57-7	--
223	全氟-1-己基磺酸-N-[4-[[4-（二乙基氨基）苯基][4-（乙基氨基）-1-萘基]亚甲基]2,5-环己二烯-1-亚基]-N-乙基-乙铵盐(PFHxS-($NC_{10}H_{14}$)$_3$$C_5H_4$) Ethanaminium,N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(Calculated in terms of PFHxS)(PFHxS-($NC_{10}H_{14}$)$_3$$C_5H_4$)	1310480-24-0	--
224	全氟-1-己基磺酸-N-[4-[[4-（二甲基氨基）苯基][4-（乙基氨基）-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-甲基铵盐(PFHxS-(NC_8H_{10})$_2$$C_{13}H_{12}$) Methanaminium,N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthale	1310480-27-3	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	nyl]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-$(NC_8H_{10})_2C_{13}H_{12}$)		
225	全氟-1-己基磺酸-N-[4-[[4-（二甲基氨基）苯基][4-（苯基氨基）-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-甲基铵盐(PFHxS-$(NC_8H_{10})_2C_{17}H_{12}$) 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	--
226	全氟己基磺酸与 β-环糊精络合物(PFHxS-$C_{42}H_{70}O_{35}$) 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	--
227	全氟己基磺酸与 γ-环糊精络合物(PFHxS-$C_{48}H_{80}O_{40}$) 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	--
228	全氟己基磺酸三苯基硫鎓盐(PFHxS-S$(C_6H_5)_3$) 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	--
229	全氟己基磺酸喹啉,1-（羧甲基）-4-［2-[4-[4-（2,2-二苯基噻吩基）苯基]-1,2,3a,4,8b-六氢环戊并[b]吲哚-7-基]乙烯基]盐(PFHxS-$C_{44}H_{37}N_2O_2$) 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	--
230	全氟己基磺酸二苯基碘鎓盐(PFHxS-I$(C_6H_5)_2$) 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	--
231	N,N,N-三甲基-全氟己基磺酸甲基铵盐(PFHxS-N$(CH_3)_4$) 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	--
232	全氟己基磺酸与 2-甲基-2-丙胺络合物(PFHxS-$NH_2(CH_3)_3$) 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	--
233	全氟己基磺酸双[4-（1,1-二甲基乙基）苯基]碘鎓盐(PFHxS-I$(C_6H_4)_2(C_4H_9)_2$) Iodonium,bis[4-(1,1-dimethylethyl)phenyl]-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecaflu	213740-81-9	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	oro-1-hexanesulfonate (1:1)(PFHxS-I$(C_6H_4)_2(C_4H_9)_2$)		
234	全氟己基磺酸稼(PFHxS-Ga) 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	--
235	全氟己基磺酸双（4-甲基苯基）苯基硫鎓盐(PFHxS-S$(C_7H_7)_2C_6H_5$) 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	--
236	全氟己基磺酸钪(PFHxS-Sc) 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	--
237	全氟己基磺酸钕(PFHxS-Nd) 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	--
238	全氟己基磺酸钇(PFHxS-Y) 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	--
239	全氟己基磺酸（硫代二-4,1-亚苯基）双[二苯基]硫鎓(PFHxS-S$(SC_6H_4(C_6H_5)_2)_2$) 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$(SC_6H_4(C_6H_5)_2)_2$)	421555-73-9	--
240	全氟己基磺酸双[4-（1,1-二甲基丙基）苯基]碘鎓盐(PFHxS-I$(C_6H_4)_2(C_5H_{11})_2$) 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	--
241	全氟己基磺酰氟(PFHxS-F) Perfluorohexanesulfonyl fluoride(PFHxS-F)	423-50-7	--
242	全氟己基磺酸三[4-（1,1-二甲基乙基）苯基]硫鎓盐(PFHxS-S$(C_6H_4)_3(C_4H_9)_3$) 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	--
243	全氟己基磺酸与 2,2'-亚氨二乙醇络合物(PFHxS-NH$(C_2H_5O)_2$) Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)(PFHxS-NH$(C_2H_5O)_2$)	70225-16-0	--
244	全氟己基磺酸与三乙胺络合物(PFHxS-N$(C_2H_5)_3$) 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	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
245	全氟己基磺酸双[（1,1-二甲基乙基）苯基]碘鎓盐(PFHxS-I(C_6H_4)$_2$(C_4H_9)$_2$) 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	--
246	全氟己基磺酸（4-甲基苯基）二苯硫鎓盐(PFHxS-S(C_6H_5)$_2$$C_7H_7$) Sulfonium,(4-methylphenyl)diphenyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-S(C_6H_5)$_2$$C_7H_7$)	910606-39-2	--
247	全氟己基磺酸[4-[（2-甲基-1-氧代-2-丙烯酰）氧基]苯基]二苯基硫鎓盐(PFHxS-S(C_6H_5)$_2$$C_{10}H_9O_2$) Sulfonium,[4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-S(C_6H_5)$_2$$C_{10}H_9O_2$)	911027-68-4	--
248	[4-[（2-甲基-1-氧代-2-丙烯基）氧基］苯基]二苯基-全氟己基磺酸盐,与 2-乙基三环[3.3.1.13,7]2-甲基-2-丙烯酸癸-2-基酯,3-羟基三环[3.3.1.13,7]2-甲基-2-丙烯酸葵-1-基酯和 2-甲基-2-丙烯酸四氢-2-氧代-3-呋喃基的聚合物(PFHxS-S$C_{60}H_{73}O_{11}$) Sulfonium,[4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-,salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1),polymer with 2-ethyltricyclo[3.3.1.13,7]dec-2-yl 2-methyl-2-propenoate,3-hydroxytricyclo[3.3.1.13,7]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate(PFHxS-S$C_{60}H_{73}O_{11}$)	911027-69-5	--
249	全氟己基磺酸铯(PFHxS-Cs) Cesium Perfluorohexanesulfonate(PFHxS-Cs)	92011-17-1	--
250	二苯并[k,n][1,4,7,10,13]四氧硫酰氯代十六烷基铵,19-[4-（1,1-二甲基乙基）苯基]-6,7,9,10,12,13-六氢-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1)(PFHxS-S$C_{28}H_{31}O_4$) Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium,19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)(PFHxS-S$C_{28}H_{31}O_4$)	928049-42-7	--
251	全氟己基磺酰氯(PFHxS-Cl) 1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulphonyl chloride(PFHxS-Cl)	55591-23-6	--
252	全氟己基磺酸盐(PFHxSN) Perfluorohexylsulfonate(PFHxSN)	108427-53-8	--
253	全氟己烷磺酸四丁基膦(PFHxS-P(C_4H_9)$_4$))	2310194-12-6	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	Tetrabutylphosphonium perfluorohexane sulfonate(PFHxS-P(C_4H_9)$_4$))		
PFHxA 及其盐&相关化合物 PFHxA and its salts & related compounds			
254	全氟己酸(PFHxA) Perfluorohexanoic acid(PFHxA)	307-24-4	0.025
255	全氟己酸铵(APFHx/PFHxA-NH_4) Ammonium Undecafluorohexanoate(APFHx/PFHxA-NH_4)	21615-47-4	--
256	全氟己酸钾(PFHxA-K) Potassium perfluorohexanoate(PFHxA-K)	3109-94-2	--
257	全氟己酸钠(PFHxA-Na) Sodium perfluoro caproate(PFHxA-Na)	2923-26-4	--
258	全氟己酰氯(PFHxA-Cl) Perfluorohexanoyl chloride(PFHxA-Cl)	335-53-5	--
259	全氟己酰氟(PFHxA-F) Perfluorohexanoyl fluoride(PFHxA-F)	355-38-4	--
260	全氟己酸银(PFHxA-Ag) Silver perfluorohexanoate(PFHxA-Ag)	336-02-7	--
261	全氟己酸锂(PFHxA-Li) Lithium perfluorohexanoate(PFHxA-Li)	90430-61-8	--
262	全氟己酸酐(PFHxAA) Perfluorohexanoic Anhydride(PFHxAA)	308-13-4	--
263	全氟己酸哌嗪(2:1)(PFHxA-$C_4H_{10}N_2$) Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8CI,9CI) (PFHxA-$C_4H_{10}N_2$)	423-47-2	--
264	全氟己酸盐(PFHxA(anion)) Perfluorohexanoate (anion)(PFHxA(anion))	92612-52-7	--
265	全氟己酸己胺(PFHxA-$C_6H_{15}N$) Undecafluorohexanoic acid--hexan-1-amine (1/1)(PFHxA-$C_6H_{15}N$)	565225-91-4	--
266	全氟己酸苯基哌嗪(PFHxA-$C_{10}H_{14}N_2$) 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	--
267	全氟己酰溴(PFHxA-Br) Perfluorohexanoyl bromide(PFHxA-Br)	1404193-66-3	--
6:2 FTS 及其盐 6:2 FTS and its salts			
268	1H,1H,2H,2H-全氟辛磺酸(6:2 FTS/H_4PFOS 6:2) 1H,1H,2H,2H-Perfluorooctanesulphonic acid(6:2 FTS/H_4PFOS 6:2)	27619-97-2	0.025

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
269	1H,1H,2H,2H-全氟辛烷磺酸钠(6:2 FTS-Na) 1H,1H,2H,2H-Perfluorooctane sulphonic acid sodium salt(6:2 FTS-Na)	27619-94-9	--
270	1H,1H,2H,2H-全氟辛烷磺酸钾(6:2 FTS-K) 6:2 Fluorotelomer sulfonate potassium salt(6:2 FTS-K)	59587-38-1	--
271	1H,1H,2H,2H-全氟辛烷磺酸铵(6:2 FTS-NH_4) 6:2 Fluorotelomer sulfonate ammonium salt(6:2 FTS-NH_4)	59587-39-2	--
272	1H,1H,2H,2H-全氟辛磺酸钡(6:2 FTS-Ba) 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)	1807944-82-6	--
273	1H,1H,2H,2H-全氟辛磺酸盐(6:2 FTS(anion)) 2-(Perfluorohexyl)ethane-1-sulfonate(6:2 FTS(anion))	425670-75-3	--
274	1H,1H,2H,2H-全氟辛磺酰氯(6:2 FTS-Cl) 2-(Perfluorohexyl)ethanesulfonyl chloride(6:2 FTS-Cl)	27619-89-2	--
6:2 monoPAP 及其盐 6:2 monoPAP and its salts			
275	6:2 含氟调聚物磷酸单酯(6:2 monoPAP) 6:2 Fluorotelomer phosphate monoester(6:2 monoPAP)	57678-01-0	0.025
276	6:2 磷酸氟调聚物单酯二铵盐(6:2 monoPAP-$(NH_4)_2$) Diammonium 6:2 fluorotelomer phosphate monoester(6:2 monoPAP-$(NH_4)_2$)	1000852-37-8	--
277	单[2-（全氟辛基）乙基]磷酸单钾盐(6:2 monoPAP-K) Monopotassium monoperfluorohexyl ethylphosphate(6:2 monoPAP-K)	150033-28-6	--
278	单[2-（全氟辛基）乙基]磷酸单钠盐(6:2 monoPAP-Na) Sodium 1H,1H,2H,2H-perfluorooctylphosphate(6:2 monoPAP-Na)	144965-22-0	--
279	单[2-（全氟辛基）乙基]磷酸铵盐(6:2 monoPAP-NH_4) 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt(6:2 monoPAP-NH_4)	92401-44-0	--
280	单[2-（全氟辛基）乙基]磷酸氢铵盐(6:2 monoPAP-NH_4H) Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate(6:2 monoPAP-NH_4H)	2353-52-8	--
6:6 PFPi 及其盐 6:6 PFPi and its salts			
281	双全氟己基次膦酸(6:6 PFPi) Bis(tridecafluorohexyl)phosphinic acid(6:6 PFPi)	40143-77-9	0.025
282	双全氟己基次膦酸钠(6:6 PFPi-Na) Sodium bis(perfluorohexyl)phosphinate(6:6 PFPi-Na)	70609-44-8	--
283	6:6 全氟次膦酸镱(3+)盐(6:6 PFPi-Yb) Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt(6:6 PFPi-Yb)	500776-72-7	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
284	6:6 全氟次膦酸铒(3+)盐(6:6 PFPi-Er) Bis(perfluorohexyl) phosphinic acid erbium(3+) salt(6:6 PFPi-Er)	500776-73-8	--
PFBA 及其盐 PFBA and its salts			
285	全氟丁酸(PFBA) Perfluorobutyric acid(PFBA)	375-22-4	0.025
286	全氟丁酸铵(PFBA-NH_4) Ammonium perfluorobutanoate(PFBA-NH_4)	10495-86-0	--
287	七氟丁酸钠(PFBA-Na) Sodium perfluorobutanoate(PFBA-Na)	2218-54-4	--
288	七氟丁酸钾(PFBA-K) Potassium heptafluorobutanoate(PFBA-K)	2966-54-3	--
289	全氟丁酸银(PFBA-Ag) Silver perfluorobutanoate(PFBA-Ag)	3794-64-7	--
290	全氟丁酸锂(PFBA-Li) Lithium perfluorobutanoate(PFBA-Li)	4146-76-3	--
291	七氟丁酸哌嗪(1:1)(PFBA-$C_4H_{10}N_2$) Heptafluorobutanoic acid-piperazine (1:1)(PFBA-$C_4H_{10}N_2$)	375-04-2	--
292	全氟丁酸盐(PFBA(anion)) Perfluorobutanoate (anion)(PFBA(anion))	45048-62-2	--
293	全氟正丁酸苯基哌嗪(1:1)(PFBA-$C_{10}H_{14}N_2$) Heptafluorobutanoic acid-1-phenylpiperazine (1:1)(PFBA-$C_{10}H_{14}N_2$)	2263/11/8	--
294	全氟正丁酸钙(PFBA-Ca) Heptafluorobutanoic acid calcium salt(PFBA-Ca)	2366-98-5	--
295	全氟正丁酸铑(II)(PFBA-Rh) Rhodium(II) perfluorobutyrate dimer(PFBA-Rh)	73755-28-9	--
296	全氟正丁酸酐(PFBAA) Perfluorobutanoic anhydride(PFBAA)	336-59-4	--
297	全氟丁酰氯(PFBA-Cl) Heptafluorobutyryl Chloride(PFBA-Cl)	375-16-6	--
298	全氟丁酰溴(PFBA-Br) Heptafluorobutanoyl Bromide(PFBA-Br)	375-13-3	--
299	全氟丁酰氟(PFBA-F) Perfluorobutanoyl fluoride(PFBA-F)	335-42-2	--
300	全氟丁酸 4-氯重氮苯六氟磷酸盐(PFBA-$C_6H_4ClF_6N_2P$) 4-Chlorobenzenediazonium perfluorobutanoate perfluorobutanoic acid (1:1:1)(PFBA-$C_6H_4ClF_6N_2P$)	630-31-9	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
PFBS 及其盐&相关化合物 PFBS and its salts & related compounds			
301	全氟丁磺酸(PFBS) Perfluorobutanesulfonic acid(PFBS)	375-73-5	0.025
302	全氟丁基磺酸钾(PFBS-K) Perfluorobutanesulfonate K-salt(PFBS-K)	29420-49-3	--
303	全氟丁基磺酸水合物(PFBS-H_2O) Nonafluorobutane sulfonic acid hydrate(PFBS-H_2O)	59933-66-3	--
304	全氟丁基磺酸四乙基铵(PFBS-N(C_2H_5)$_4$) N,N,N,-Triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate(PFBS-N(C_2H_5)$_4$)	25628-08-4	--
305	全氟丁基磺酰氟(PFBS-F) Perfluorobutylsulfonyl fluoride(PFBS-F)	375-72-4	--
306	1,1,2,2,3,3,4,4,4-九氟-N-（2-羟乙基）-N-甲基丁烷-1-磺酰胺(PFBS-NC_3H_8O) 1,1,2,2,3,3,4,4,4-Nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulfonamide(PFBS-NC_3H_8O)	34454-97-2	--
307	全氟丁基磺酰氯(PFBS-Cl) Nonafluoro-1-butanesulfonyl chloride(PFBS-Cl)	2991-84-6	--
308	全氟丁基磺酸锂(PFBS-Li) Lithium perfluorobutylsulfonate(PFBS-Li)	131651-65-5	--
309	全氟丁基磺酸三苯基锍盐(PFBS-S(C_6H_5)$_3$) Triphenylsulfonium nonaflate(PFBS-S(C_6H_5)$_3$)	144317-44-2	--
310	全氟丁基磺酸二苯基（苯基）锍(PFBS-S(CH_3)$_2$$C_6H_5$) Dimethyl (phenyl) sulfonium perfluorobutanesulfonate(PFBS-S(CH_3)$_2$$C_6H_5$)	220133-51-7	--
311	全氟丁基磺酸四丁基磷(PFBS-P(C_4H_9)$_4$) Tetrabutylphosphorus perfluorobutylsulfonate(PFBS-P(C_4H_9)$_4$)	220689-12-3	--
312	全氟丁磺酸吗啉(PFBS-NC_4H_9O) Morpholinium perfluorobutanesulfonate(PFBS-NC_4H_9O)	503155-89-3	--
313	全氟丁基磺酸镁(PFBS-Mg) Magnesium perfluorobutanesulfonate(PFBS-Mg)	507453-86-3	--
314	全氟丁基磺酸铵(PFBS-NH_4) Ammonium perfluorobutanesulfonate(PFBS-NH_4)	68259-10-9	--
315	1-（4-丁氧基-1-萘基）四氢噻吩全氟丁基磺酸盐(PFBS-S$C_{18}H_{23}O$) 1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate(PFBS-S$C_{18}H_{23}O$)	209482-18-8	--
316	全氟丁基磺酸钠(PFBS-Na) Sodium perfluorobutanesulfonate(PFBS-Na)	60453-92-1	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
317	双（4-叔丁基苯基）碘鎓全氟-1-丁磺酸(PFBS-I(C_6H_4)$_2$(C_4H_9)$_2$) Bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate(PFBS-I(C_6H_4)$_2$(C_4H_9)$_2$)	194999-85-4	--
318	全氟丁基磺酸二乙醇胺(PFBS-NH(C_2H_5O)$_2$) 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	--
319	全氟丁基磺酸四丁基铵(PFBS-N(C_4H_9)$_4$) Tetrabutylammonium nonafluorobutanesulfonate(PFBS-N(C_4H_9)$_4$)	108427-52-7	--
320	全氟丁基磺酸二苯碘(PFBS-I(C_6H_5)$_2$) Diphenyliodanium nonafluorobutane-1-sulfonate(PFBS-I(C_6H_5)$_2$)	194999-82-1	--
321	全氟丁基磺酸三（4-叔丁基苯基）锍(PFBS-$C_{30}H_{39}S$) 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	--
322	全氟丁基磺酸（4-环己基苯基）（二苯基）锍(PFBS-$C_{24}H_{25}S$) 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	--
323	全氟丁基磺酸 1-（1-甲基-1H-吲哚-3-基）硫醇-1-鎓(PFBS-$C_{13}H_{16}NS$) 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	--
324	全氟丁基磺酸 1-乙基-3-甲基吡啶鎓(PFBS-$C_8H_{12}N$) 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	--
325	全氟丁基磺酸 1-甲基-3-辛基咪唑鎓(PFBS-$C_{12}H_{23}N_2$) 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	--
326	全氟丁基磺酸 1-己基-3-甲基咪唑鎓(PFBS-$C_{10}H_{19}N_2$) 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	--
327	全氟丁基磺酸 N,N-二甲基-N-（丙-2-基）丙-2-胺(PFBS-$C_8H_{20}N$) 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	--
328	全氟丁基磺酸[4-（2-叔丁氧基-2-氧代乙氧基）苯基]（二苯基）(1:1)(PFBS-$C_{24}H_{25}O_3S$) 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	--
329	全氟丁基磺酸 N,N-二丁基-N-甲基丁烷-1-胺(1:1)(PFBS-$C_{13}H_{30}N$)	124472-66-8	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)(PFBS-$C_{13}H_{30}N$)		
330	全氟丁基磺酸锌(2:1)(PFBS-Zn) 1-Butanesulfonic acid,1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1)(PFBS-Zn)	502457-69-4	--
331	全氟丁基磺酸 N,N,N-三丙基戊烷(1:1)(PFBS-$C_{14}H_{32}N$) 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	--
332	全氟丁基磺酸四甲基铵盐(PFBS-N$(CH_3)_4$) Perfluorobutanesulfonic acid tetramethylammonium salt(PFBS-N$(CH_3)_4$)	25628-17-5	--
333	全氟丁基磺酸酐(PFBSA) 1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-,1,1'-anhydride(PFBSA)	36913-91-4	--
334	全氟丁基磺酸盐(PFBS(anion)) Perfluorobutane sulfonate (anion)(PFBS(anion))	45187-15-3	--
335	1-（4-丁氧基萘基）四氢噻吩全氟丁烷磺酸盐(PFBS-$C_{18}H_{23}OS$) 1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate (PFBS-$C_{18}H_{23}OS$)	EC:468-770-4	--
336	全氟丁基磺酸三乙基铵(PFBS-NH$(C_2H_5)_3$) Triethylammonium perfluorobutane sulfonate(PFBS-NH$(C_2H_5)_3$)	182059-38-7	--
337	N-（2-羟乙基）-N,N-二甲基-1-辛胺全氟-1-丁磺酸盐(1:1)(PFBS-$C_{12}H_{28}NOS$) N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1-butanesulfonate (1:1)(PFBS-$C_{12}H_{28}NOS$)	334529-55-4	--
338	全氟丁基磺酸 1-十六烷基吡啶鎓(PFBS-$C_{21}H_{38}N$) 1-Hexadecylpyridinium perfluoro-1-butanesulfonate(PFBS-$C_{21}H_{38}N$)	334529-62-3	--
339	全氟丁基磺酸 1-丁基吡啶鎓(PFBS-$C_9H_{14}N$) 1-Butylpyridinium perfluoro-1-butanesulfonate(PFBS-$C_9H_{14}N$)	334529-64-5	--
340	N-甲基-N,N-二辛基-1-辛胺全氟-1-丁烷磺酸盐(PFBS-N$(C_8H_{17})_3CH_3$) N-Methyl-N,N-dioctyl-1-octanaminium perfluoro-1-butanesulfonate (PFBS-N$(C_8H_{17})_3CH_3$)	495417-51-1	--
341	三（4-甲基苯基）锍全氟丁磺酸盐(PFBS-S$(C_7H_7)_3$) Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanesulfonic acid(1:1) (PFBS-S$(C_7H_7)_3$)	722538-68-3	--
PFPeA 及其盐 PFPeA and its salts			
342	全氟戊酸(PFPeA) Perfluoropentanoic acid(PFPeA)	2706-90-3	0.025
343	全氟戊酸钠(PFPeA-Na) Sodium perfluoropentanoate(PFPeA-Na)	2706-89-0	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
344	全氟戊酸钾(PFPeA-K) Potassium perfluoropentanoate(PFPeA-K)	336-23-2	--
345	全氟戊酸铵(PFPeA-NH_4) Ammonium perfluoropentanoate(PFPeA-NH_4)	68259-11-0	--
346	全氟戊酸锂(PFPeA-Li) Lithium perfluoropentanoate(PFPeA-Li)	198482-22-3	--
347	全氟戊酸银(PFPeA-Ag) Silver perfluoropentanoate(PFPeA-Ag)	2795-30-4	--
348	全氟戊酸盐(PFPeA(anion)) Perfluoropentanoate (anion)(PFPeA(anion))	45167-47-3	--
349	全氟戊酸苄基硫脲(PFPeA-$C_8H_{10}N_2S$) Nonafluoropentanoic acid-1-benzylthiourea (1:1)(PFPeA-$C_8H_{10}N_2S$)	64808-55-5	--
350	全氟戊酸酐(PFPeAA) Perfluoropentanoic anhydride(PFPeAA)	308-28-1	--
351	全氟戊酰氯(PFPeA-Cl) Perfluoropentanoyl chloride(PFPeA-Cl)	375-60-0	--
352	全氟戊酰氟(PFPeA-F) Perfluoropentanoyl fluoride(PFPeA-F)	375-62-2	--
HPFHpA 及其盐 HPFHpA and its salts			
353	7H-十二氟庚酸(HPFHpA) 7H-Dodecanefluoroheptane Acid(HPFHpA)	1546-95-8	0.025
354	7H-十二氟庚酸钠(HPFHpA-Na) Sodium 7H-perfluoroheptanoate(HPFHpA-Na)	2264-25-7	--
355	2,2,3,3,4,4,5,5,6,6,7,7-十二氟庚酸铵(HPFHpA-NH_4) Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate(HPFHpA-NH_4)	376-34-1	--
356	7H-十二氟庚酸盐(HPFHpA(anion)) 7-H-Perfluoroheptanoate(HPFHpA(anion))	69681-35-2	--
357	7H-十二氟庚酸氯(HPFHpA-Cl) 7H-Perfluoroheptanoyl chloride(HPFHpA-Cl)	41405-35-0	--
358	7H-十二氟庚酰溴(HPFHpA-Br) tridecafluoroheptanoyl bromide(HPFHpA-Br)	159623-34-4	--
359	7H-十二氟庚酸氟(HPFHpA-F) 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoyl fluoride(HPFHpA-F)	5927-65-1	--
PFHpS 及其盐 PFHpS and its salts			
360	全氟庚基磺酸(PFHpS)	375-92-8	0.025

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	Perfluoroheptanesulfonic acid(PFHpS)		
361	全氟庚烷磺酸钾(PFHpS-K) Potassium Perfluoroheptanesulfonate(PFHpS-K)	60270-55-5	--
362	全氟庚烷磺酸钠(PFHpS-Na) Perfluoroheptanesulfonate Na-salt(PFHpS-Na)	21934-50-9	--
363	全氟庚烷磺酸铵(PFHpS-NH_4) Ammonium perfluoroheptanesulfonate(PFHpS-NH_4)	68259-07-4	--
364	全氟庚烷磺酸锂(PFHpS-Li) Lithium perfluoroheptanesulfonate(PFHpS-Li)	117806-54-9	--
365	全氟庚烷磺酸-双（2-羟乙基）铵(PFHpS-NH(C_4H_{11})) Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate(PFHpS-NH(C_4H_{11}))	70225-15-9	--
366	全氟庚烷磺酸盐(PFHpS(anion)) Perfluoroheptane sulfonate (anion)(PFHpS(anion))	146689-46-5	--
367	全氟庚烷磺酸三乙胺(PFHpS-$C_6H_{15}N$) Triethylammonium perfluoroheptane sulfonate(PFHpS-$C_6H_{15}N$)	72033-40-0	--
368	全氟庚烷磺酸四乙基胺(PFHpS-$C_8H_{20}N$) Tetraethylammonium perfluoroheptane sulfonate(PFHpS-$C_8H_{20}N$)	439863-97-5	--
369	全氟庚烷磺酸酐(PFHpSA) Perfluoroheptane sulfonic anhydride(PFHpSA)	140429-92-1	--
370	全氟庚烷磺酰氟(PFHpS-F) Perfluoroheptanesulphonyl fluoride(PFHpS-F)	335-71-7	--
371	全氟庚烷磺酰氯(PFHpS-Cl) Perfluoroheptanesulfonyl chloride(PFHpS-Cl)	33018-82-5	--
PFHpA 及其盐 PFHpA and its salts			
372	全氟庚酸(PFHpA) Perfluoroheptanoic acid(PFHpA)	375-85-9	0.025
373	十三氟代庚酸钠(PFHpA-Na) Sodium perfluoroheptanoate(PFHpA-Na)	20109-59-5	--
374	全氟庚酸钾(PFHpA-K) Potassium perfluoroheptanoate(PFHpA-K)	21049-36-5	--
375	全氟庚酸铵(PFHpA-NH_4) Ammonium perfluoroheptanoate(PFHpA-NH_4)	6130-43-4	--
376	全氟庚酸铯(PFHpA-Cs) Cesium perfluoroheptanoate(PFHpA-Cs)	171198-24-6	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
377	全氟庚酸银(PFHpA-Ag) Silver perfluoroheptanoate(PFHpA-Ag)	424-05-5	--
378	全氟庚酸锂(PFHpA-Li) Lithium perfluoroheptanoate(PFHpA-Li)	60871-90-1	--
379	全氟庚酸盐(PFHpA(anion)) Perfllluoroheptanoate (anion)(PFHpA(anion))	120885-29-2	--
380	全氟正庚酸酐(PFHpAA) Perfluoroheptanoic anhydride(PFHpAA)	78225-99-7	--
381	全氟正庚酸氯(PFHpA-Cl) Perfluoroheptanoyl chloride(PFHpA-Cl)	52447-22-0	--
382	全氟正庚酸氟(PFHpA-F) Perfluoroheptanoyl fluoride(PFHpA-F)	375-84-8	--
HFPO-DA 及其盐&相关化合物 HFPO-DA and its salts & related compounds			
383	2,3,3,3-四氟-2-（七氟丙氧基）丙酸(HFPO-DA) 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid(HFPO-DA)	13252-13-6	0.025
384	2,3,3,3-四氟-2-（七氟丙氧基）丙酸铵(HFPO-DA-NH_4) Ammonium perfluoro-2-methyl-3-oxahexanoate(HFPO-DA-NH_4)	62037-80-3	--
385	2,3,3,3-四氟-2-（七氟丙氧基）丙酸钾(HFPO-DA-K) Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate(HFPO-DA-K)	67118-55-2	--
386	2,3,3,3-四氟-2-（七氟丙氧基）丙酸酰基氟化物(HFPO-DA-F) 2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoyl fluoride(HFPO-DA-F)	2062-98-8	--
387	2,3,3,3-四氟-2-（七氟丙氧基）-,(+)-丙酸(HFPO+) (+)-Perfluoro(2-propoxypropionic) acid(HFPO+)	75579-39-4	--
388	2,3,3,3-四氟-2-（七氟丙氧基）丙酸盐(HFPO(anion)) Perfluoro(2-propoxypropanoate)(HFPO(anion))	122499-17-6	--
389	2,3,3,3-四氟-3-（七氟丙氧基）丙酸钠(HFPO-Na) Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate(HFPO-Na)	67963-75-1	--
390	全氟-2-丙氧基丙酸三乙胺(HFPO-$(C_2H_5)_3N$) Triethylaminium perfluoro-2-propoxypropanoate(HFPO-$(C_2H_5)_3N$)	165951-18-8	--
391	2,3,3,3-四氟-2-（七氟丙氧基）丙酸-N-丙基丙烷-1-胺(1/1)(HFPO-$C_6H_{15}N$) 2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid--N-propylpropan-1-amine (1/1)(HFPO-$C_6H_{15}N$)	165951-17-7	--
392	2,3,3,3-四氟-6-（七氟丙氧基）丙酸磺胺甲氧基哒嗪(HFPO-$C_{11}H_{12}N_4O_3S$) 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	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
393	2,3,3,3-四氟-7-（七氟丙氧基）丙酸（1-甲基哌啶-3-基）2,3,6-三碘苯甲酸甲酯(HFPO-$C_{14}H_{16}I_3NO_2$) 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	--
394	2,3,3,3-四氟-2-（七氟丙氧基）-,（-）-丙酸(HFPO-) (-)-Perfluoro(2-propoxypropionic) acid(HFPO-)	75579-40-7	--
4:2 FTS 及其盐 4:2 FTS and its salts			
395	1H,1H,2H,2H-全氟己六磺酸(4:2 FTS) 1H,1H,2H,2H-perfluorohexanesulfonic acid(4:2 FTS)	757124-72-4	0.025
396	1H,1H,2H,2H-全氟己烷磺酸钠(4:2 FTS-Na) 1H,1H,2H,2H-Perfluorohexanesulfonic acid sodium(4:2 FTS-Na)	27619-93-8	--
397	1H,1H,2H,2H-全氟己烷磺酸盐(4:2 FTS(anion)) 4:2 Fluorotelomer sulfonate(4:2 FTS(anion))	414911-30-1	--
PFPeS 及其盐 PFPeS and its salts			
398	全氟戊烷磺酸(PFPeS) Perfluoropentanesulfonic acid(PFPeS)	2706-91-4	0.025
399	全氟戊磺酸钠(PFPeS-Na) 1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-, sodium salt (1:1)(PFPeS-Na)	630402-22-1	--
400	全氟戊磺酸钾(PFPeS-K) Potassium perfluoropentane-1-sulphonate(PFPeS-K)	3872-25-1	--
401	全氟戊烷磺酸铵(PFPeS-NH_4) Ammonium perfluoropentanesulfonate(PFPeS-NH_4)	68259-09-6	--
402	全氟戊磺酸-双（2-羟乙基）铵(PFPe-$(C_2H_4OH)_2NH$) Bis(2-hydroxyethyl)ammonium perfluoropentanesulfonate (PFPe-$(C_2H_4OH)_2NH$)	70225-17-1	--
403	全氟戊磺酸锂(PFPeS-Li) Undecafluoropentane-1-sulfonic acid lithium salt(PFPeS-Li)	1046864-81-6	--
404	全氟戊磺酸盐(PFPe(anion)) Perfluoropentane sulfonate (anion)(PFPe(anion))	175905-36-9	--
405	全氟戊烷磺酸三乙胺(PFPe-$C_6H_{15}N$) Triethylammonium perfluoropentane sulfonate(PFPe-$C_6H_{15}N$)	72033-42-2	--
406	全氟戊烷磺酸酐(PFPeSA) Perfluoropentane sulfonic anhydride(PFPeSA)	161877-72-1	--
5:3 FTCA 及其盐			

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
5:3 FTCA and its salts			
407	3-全氟戊基丙酸(5:3 FTCA) 3-Perfluoropentyl propanoic acid(5:3 FTCA)	914637-49-3	0.025
408	2H,2H,3H,3H-全氟辛酸酯(5:3 FTCA(anion)) 2H,2H,3H,3H-Perfluorooctanoate(5:3 FTCA(anion))	1799325-94-2	--
PFHxDA 及其盐 PFHxDA and its salts			
409	全氟正十六酸(PFHxDA) Perfluorohexadecanoic acid(PFHxDA)	67905-19-5	0.025
410	全氟正十六酸盐(PFHxDA(anion)) Hentriacontafluorohexadecanoate anion(PFHxDA(anion))	1214264-30-8	--
PFODA 及其盐 PFODA and its salts			
411	全氟十八酸(PFODA) Perfluorooctadecanoic acid(PFODA)	16517-11-6	0.025
412	全氟正十八酸盐(PFODA(anion)) Perfluorooctadecanoate anion(PFODA(anion))	798556-82-8	--
ADONA 及其盐 ADONA and its salts			
413	4,8-二氧-3H-全氟壬酸(ADONA) 4,8-Dioxa-3H-perfluorononanoic acid(ADONA)	919005-14-4	0.025
414	4,8-二氧杂-3H-全氟壬酸铵(ADONA-NH_4) Ammonium 4,8-dioxa-3H-perfluorononanoate(ADONA-NH_4)	958445-44-8	--
415	4,8-二氧杂-3H-全氟壬酸钠(ADONA-Na) Sodium 4,8-dioxa-3H-perfluorononanoate(ADONA-Na)	2250081-67-3	--
416	4,8-二氧-3H-全氟壬酸钾(ADONA-K) Potassium 2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate(ADONA-K)	1087271-46-2	--
417	4,8-二氧-3H-全氟壬酸盐(ADONA(anion)) 2,2,3-Trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate(ADONA(anion))	2127366-90-7	--
9Cl-PF_3ONS 及其盐 9Cl-PF_3ONS and its salts			
418	9-氯-3-氧杂全氟壬烷磺酸(9Cl-PF_3ONS) 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid(9Cl-PF_3ONS)	756426-58-1	0.025
419	9-氯-3-氧杂全氟壬烷磺酸钾(9Cl-PF_3ONS-K) Potassium	73606-19-6	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	9-chlorohexadecafluoro-3-oxanonane-1-sulfonate(9Cl-PF_3ONS-K)		
420	9-氯十六氟-3-氧代壬烷-1-磺酸铵(9Cl-PF_3ONS-NH_4) Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate (9Cl-PF_3ONS-NH_4)	1383434-28-3	--
421	9-氯-3-氧杂全氟壬烷磺酸盐(9Cl-PF_3ONS (anion)) Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonate)(9Cl-PF_3ONS (anion))	1621485-21-9	--
11Cl-PF_3OUdS 及其盐 11Cl-PF_3OUdS and its salts			
422	11-氯-3-氧杂全氟十一烷磺酸(11Cl-PF_3OUdS) 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid(11Cl-PF_3OUdS)	763051-92-9	0.025
423	11-氯-3-氧杂全氟十一烷磺酸钾(11Cl-PF_3OUdS-K) Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF_3OUdS-K)	83329-89-9	--
424	11-氯-3-氧杂全氟十一烷磺酸盐(11Cl-PF_3OUdS (anion)) 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-PF_3OUdS (anion))	2196242-82-5	--
PFEESA 及其盐 PFEESA and its salts			
425	全氟（2-乙氧基乙烷）磺酸(PFEESA) Perfluoro(2-ethoxyethane)sulfonic acid(PFEESA)	113507-82-7	0.025
426	全氟（2-乙氧基乙烷）磺酸钾(PFEESA-K) Potassium 1,1,2,2-tetrafluoro-2-(pentafluoroethoxy)ethane-1-sulfonate (PFEESA-K)	117205-07-9	--
427	全氟（2-乙氧基乙烷）磺酸钠(PFEESA-Na) Sodium 1,1,2,2-tetrafluoro-2-(1,1,2,2,2-pentafluoroethoxy)ethanesulfonate (PFEESA-Na)	113507-87-2	--
3:3 FTCA 及其盐 3:3 FTCA and its salts			
428	2H,2H,3H,3H-全氟己酸(3:3 FTCA) 2H,2H,3H,3H-perfluorohexanoic acid(3:3 FTCA)	356-02-5	0.025
429	2H,2H,3H,3H-全氟己酸盐(3:3 FTCA(anion)) 3:3 Fluorotelomer carboxylate, ion(1-)(3:3 FTCA(anion))	1169706-83-5	--
430	2H,2H,3H,3H-全氟己酸钠(3:3 FTA-Na) Sodium 3-(perfluoropropyl)propanoate(3:3 FTA-Na)	1207462-13-2	--
PFPeDA 及其盐 PFPeDA and its salts			

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
431	全氟十五烷酸(PFPeDA) Perfluoropentadecanoic acid(PFPeDA)	141074-63-7	0.025
432	全氟十五烷酸盐(PFPeDA(anion)) Nonacosafluoropentadecanoate(PFPeDA(anion))	1214264-29-5	--
433	二十六氟-13-（三氟甲基）十四烷酸 Tetradecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-hexacosafluoro-13-(trifluoromethyl)-	18024-09-4	--
11H-PFUnDA 及其盐 11H-PFUnDA and its salts			
434	11H-全氟十一烷酸(11H-PFUnDA) 11H-Perfluoroundecanoic acid(11H-PFUnDA)	1765-48-6	0.025
435	11H-全氟十一烷酸钾(11H-PFUnDA-K) 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	--
436	11H-全氟十一烷酸铵(11H-PFUnDA-NH_4) 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)	5081-2-7	--
437	11H-全氟十一烷酸盐(11H-PFUnDA(anion)) 11-H-Perfluoroundecanoate(11H-PFUnDA(anion))	69681-37-4	--
PFPrA 及其盐 PFPrA and its salts			
438	五氟丙酸(PFPrA) pentafluoropropionate acid(PFPrA)	422-64-0	0.025
439	五氟丙酸钠(PFPrA-Na) sodium pentafluoropropionate(PFPrA-Na)	378-77-8	--
440	五氟丙酸钾(PFPrA-K) potassium pentafluoropropionate(PFPrA-K)	378-76-7	--
441	五氟丙酸银(PFPrA-Ag) Silver Pentafluoropropionate(PFPrA-Ag)	509-09-1	--
442	五氟丙酸铵(PFPrA-NH_4) Ammonium pentafluoropropionate(PFPrA-NH_4)	2730-58-7	--
443	五氟丙酸哌嗪(PFPrA-$C_4H_{10}N_2$) Pentafluoropropanoic acid--piperazine (1/1)(PFPrA-$C_4H_{10}N_2$)	1690-94-4	--
444	五氟丙酸盐(PFPrA(anion)) Perfluoropropanoate(PFPrA(anion))	44864-55-3	--
445	五氟丙酸苯基哌嗪(PFPrA-$C_{10}H_{14}N_2$) Pentafluoropropanoic acid-1-phenylpiperazine (1/1)(PFPrA-$C_{10}H_{14}N_2$)	893-87-8	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
446	五氟丙酸咪唑(PFPrA-$C_3H_4N_2$) Imidazole perfluoropropionic acid salt(PFPrA-$C_3H_4N_2$)	200705-90-4	--
PFEtS 及其盐 PFEtS and its salts			
447	全氟乙烷磺酸(PFEtS) Perfluoroethane sulfonic acid(PFEtS)	354-88-1	0.025
448	全氟乙烷磺酸钾(PFEtS-K) Potassium pentafluoroethane-1-sulfonate(PFEtS-K)	2837-92-5	--
449	全氟乙烷磺酸盐(PFEtS(anion)) Pentafluoroethanesulfonate(PFEtS(anion))	108410-37-3	--
TFSI 及其盐 TFSI and its salts			
450	双三氟甲烷磺酰亚胺(TFSI) 1,1,1-Trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamide(TFSI)	82113-65-3	0.025
451	1-丁基-1-甲基吡咯烷鎓双（三氟甲磺酰基）酰亚胺(TFSI-$C_9H_{20}N$) 1-Butyl-1-methylpyrrolidinium Bis(trifluoromethanesulfonyl)imide (TFSI-$C_9H_{20}N$)	223437-11-4	--
452	三正丁基甲铵双（三氟甲磺酰）亚胺盐(TFSI-$N(C_4H_9)_3CH_3$) Tributylmethylammonium Bis(trifluoromethanesulfonyl)imide (TFSI-$N(C_4H_9)_3CH_3$)	405514-94-5	--
453	双三氟甲烷磺酰亚胺锂(TFSI-Li) Lithium Bis(trifluoromethane)sulfonimide(TFSI-Li)	90076-65-6	--
454	1-癸基-3-甲基咪唑双（三氟甲磺酰基）亚胺盐(TFSI-$C_{14}H_{17}N_2$) 1-Decyl-3-methylimidazolium Bis(trifluoromethylsulfonyl)imide (TFSI-$C_{14}H_{17}N_2$)	433337-23-6	--
455	三（三氟甲磺酰亚胺）铟(TFSI-In) Indium tris[bis(trifluoromethanesulfonyl)azanide](TFSI-In)	460096-11-1	--
456	钪（3+）三氟甲磺酰亚胺(TFSI-Sc) Scandium(III) trifluoromethanesulfonimide(TFSI-Sc)	176726-07-1	--
457	双（三氟甲基磺酰基）酰亚胺锌(TFSI-Zn) Zinc bis[bis(trifluoromethanesulfonyl)azanide](TFSI-Zn)	168106-25-0	--
458	1,2-二甲基-3-丙基咪唑鎓双（三氟甲基磺酰基）亚胺盐(TFSI-$C_8H_{15}N_2$) 1,2-Dimethyl-3-propylimidazolium bis(trifluoromethylsulfonyl)imide (TFSI-$C_8H_{15}N_2$)	169051-76-7	--
459	1-乙基-3-甲基咪唑鎓双（三氟甲烷磺酰）亚胺盐(TFSI-$C_6H_{11}N_2$) 1-Ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide(TFSI-$C_6H_{11}N_2$)	174899-82-2	--
460	1-乙基-2,3-二甲基咪唑鎓双（三氟甲烷磺酰）亚胺盐(TFSI-$C_7H_{13}N_2$)	174899-90-2	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	1-Ethyl-2,3-dimethylimidazolium bis(trifluoromethanesulfonyl)imide (TFSI-$C_7H_{13}N_2$)		
461	1-甲基-3-正辛基咪唑鎓双（三氟甲磺酰基）亚胺盐(TFSI-$C_{12}H_{23}N_2$) 1-Methyl-3-n-octylimidazolium bis(trifluoromethanesulfonyl)imide (TFSI-$C_{12}H_{23}N_2$)	178631-04-4	--
462	1-甲基-3-丙基咪唑鎓双（三氟甲基磺酰基）亚胺盐(TFSI-$C_7H_{13}N_2$) 1-Methyl-3-propylimidazolium bis(trifluoromethanesulfonyl)imide (TFSI-$C_7H_{13}N_2$)	216299-72-8	--
463	1-乙基-1-甲基吡咯烷双（三氟甲基磺酰基）亚胺盐(TFSI-$C_7H_{16}N$) 1-Ethyl-1-methylpyrrolidinium bis(trifluoromethylsulfonyl)imide(TFSI-$C_7H_{16}N$)	223436-99-5	--
464	1-甲基-1-丙基吡咯烷鎓双（三氟甲磺酰基）亚胺盐(TFSI-$C_8H_{18}N$) 1-Methyl-1-propylpyrrolidinium bis(trifluoromethanesulfonyl)imide (TFSI-$C_8H_{18}N$)	223437-05-6	--
465	丁基-三甲基双（三氟甲基磺酰基）亚胺铵(TFSI-$C_7H_{18}N$) Butyltrimethylammonium bis(trifluoromethylsulfonyl)imide(TFSI-$C_7H_{18}N$)	258273-75-5	--
466	1-甲基咪唑双（三氟甲磺酰）亚胺(TFSI-$C_4H_7N_2$) 1-Methylimidazole bis(trifluoromethanesulfonyl)imide(TFSI-$C_4H_7N_2$)	353239-08-4	--
467	1-十二烷基-3-甲基咪唑鎓双（三氟甲磺酰基）亚胺盐(TFSI-$C_{16}H_{31}N_2$) 1-Dodecyl-3-methylimidazolium bis(trifluoromethanesulfonyl)imide (TFSI-$C_{16}H_{31}N_2$)	404001-48-5	--
468	1-甲基-1-丙基哌啶-1-鎓双（三氟甲基磺酰基）酰胺(TFSI-$C_9H_{20}N$) 1-Methyl-1-propylpiperidin-1-ium bis(trifluoromethylsulfonyl)amide (TFSI-$C_9H_{20}N$)	608140-12-1	--
469	1-丁基-1-甲基咪唑鎓双（三氟甲基磺酰基）亚胺盐(TFSI-$C_{10}H_{22}N$) 1-Butyl-1-methylpiperidinium bis(trifluoromethylsulfonyl)imide(TFSI-$C_{10}H_{22}N$)	623580-02-9	--
470	二乙基甲基硫双（三氟甲基磺酰）亚胺(TFSI-$C_5H_{13}S$) Diethylmethylsulfonium bis(trifluoromethylsulfonyl)imide(TFSI-$C_5H_{13}S$)	792188-85-3	--
471	双（三氟甲基磺酰基）亚胺胆碱(TFSI-$C_5H_{14}NO$) Choline bis(trifluoromethylsulfonyl)imide(TFSI-$C_5H_{14}NO$)	827027-25-8	--
472	双（三氟甲烷磺酰）亚胺银(TFSI-Ag) Silver Bis(trifluoromethanesulfonyl)imide(TFSI-Ag)	189114-61-2	--
473	双（三氟甲烷磺酰亚胺）钡（II）(TFSI-Ba(II)) Barium(II) Bis(trifluoromethanesulfonyl)imide(TFSI-Ba(II))	168106-22-7	--
474	1,1,1-三氟-N-三氟甲烷磺酰基-N-（N-三氟甲烷磺酰基-三氟甲烷磺酰胺基）-羟基）-甲磺酰胺(TFSI-Ca(II)) 1,1,1-trifluoro-N-trifluoromethanesulfonyl-N-((N-trifluoromethanesulfonyltrifluoromethanesulfo namido)calcio) methanesulfonamide(TFSI-Ca(II))	165324-09-4	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
475	双（三氟甲基磺酰基）亚胺钴(TFSI-Co(II)) Cobalt bis(trifluoromethylsulfonyl)imide(TFSI-Co(II))	207861-61-8	--
476	双（三氟甲基磺酰基）亚胺铜(TFSI-Cu) Copper bis(trifluoromethylsulfonyl)imide(TFSI-Cu)	291300-50-0	--
477	双（三氟甲磺酰）亚胺铜（II）(TFSI-Cu(II)) Copper(II) bis(trifluoromethanesulfonyl)imide(TFSI-Cu(II))	162715-14-2	--
478	三氟甲烷磺酰亚胺铜（II）二水合物(TFSI-Cu(II)·H_2O) Copper(II) trifluoromethanesulfonimide xhydrate(TFSI-Cu(II)·H_2O)	1334406-76-6	--
479	三[1,1,1-三氟-N-[（三氟甲基）磺酰基-KO]甲磺酰胺基-KO]-铁(TFSI-Fe) (OC-6-11)-Tris(1,1,1-trifluoro-N-((trifluoromethyl)sulfonyl-kappaO)methanesulfonamidato-kappaO)iron(TFSI-Fe)	207861-59-4	--
480	双（三氟甲基磺酰基）叠氮化物:汞（2+）(TFSI-Hg(II)) Bis(trifluoromethylsulfonyl)azanide;mercury(2+)(TFSI-Hg(II))	104715-41-5	--
481	双（三氟甲磺酰）亚胺钾(TFSI-K) Potassium bis(trifluoromethanesulfonyl)imide(TFSI-K)	90076-67-8	--
482	双（三氟甲基磺酰基）亚胺镁(TFSI-Mg) Magnesium bis(trifluoromethylsulfonyl)imide(TFSI-Mg)	133395-16-1	--
483	双（三氟甲磺酰）亚锰（II）(TFSI-Mn(II)) Manganese(II) bis(trifluoromethanesulfonyl)imide(TFSI-Mn(II))	207861-55-0	--
484	双（三氟甲磺酰）亚胺镍（II）(TFSI-Ni(II)) Nickel bis(trifluoromethylsulfonyl)imide(TFSI-Ni(II))	207861-63-0	--
485	双（三氟甲基磺酰基）亚胺锶(TFSI-Sr(II)) Strontium bis(trifluoromethylsulfonyl)imide(TFSI-Sr(II))	862121-57-1	--
486	三[双（三氟甲基磺酰基）氨基]镱(TFSI-Yb) Tris[bis(trifluoromethylsulfonyl)amino] ytterbium(TFSI-Yb)	175438-43-4	--
10:2 monoPAP 及其盐 10:2 monoPAP and its salts			
487	10:2 含氟调聚物磷酸二氢(10:2 monoPAP) 10:2 Fluortelomerphosphatemonoester(10:2 monoPAP)	57678-05-4	0.025
488	10:2 氟调聚物磷酸二铵(10:2 monoPAP-$(NH_4)_2$) 10:2 Fluorotelomer diammonium dihydrogen phosphate(10:2 monoPAP-$(NH_4)_2$)	93857-45-5	--
489	二十一氟十二烷基磷酸二氢酯环己铵盐(10:2 monoPAP-$C_6H_{11}NH_2$) 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(10:2 monoPAP-$C_6H_{11}NH_2$)	2514858-66-1	--
TFMS 及其盐 TFMS and its salts			

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
490	三氟甲磺酸(TFMS) Trifluoromethanesulfonic acid(TFMS)	1493-13-6	0.025
491	三氟甲磺酸钠(TFMS-Na) Sodium trifluoromethanesulfonate(TFMS-Na)	2926-30-9	--
492	三氟甲磺酸银(TFMS-Ag) Silver trifluoromethanesulfonate(TFMS-Ag)	2923-28-6	--
493	三氟甲基磺酸锌(TFMS-Zn) Zinc trifluoromethanesulfonate(TFMS-Zn)	54010-75-2	--
494	三氟甲磺酸钪(TFMS-Sc) Scandium trifluoromethanesulfonate(TFMS-Sc)	144026-79-9	--
495	三氟甲磺酸酐(TFMSA) Trifluoromethanesulfonic anhydride(TFMSA)	358-23-6	--
496	三氟甲磺酸锂(TFMS-Li) Lithium trifluoromethanesulfonate(TFMS-Li)	33454-82-9	--
497	三氟甲磺酸铜(2+)(TFMS-Cu) Copper(II) trifluoromethanesulfonate(TFMS-Cu)	34946-82-2	--
498	三氟甲磺酸钡(TFMS-Ba) Barium trifluoromethanesulfonate(TFMS-Ba)	2794-60-7	--
499	三氟甲磺酸铈(4+)(TFMS-Ce(4+)) Cerium(IV) trifluoromethanesulfonate(TFMS-Ce(4+))	107792-63-2	--
500	三氟甲磺酸镁(TFMS-Mg) Magnesium trifluoromethanesulfonate(TFMS-Mg)	60871-83-2	--
501	三氟甲磺酸钾(TFMS-K) Potassium trifluoromethanesulfonate(TFMS-K)	2926-27-4	--
502	三氟甲磺酸镍(2+)(TFMS-Ni) Nickel(II) Trifluoromethanesulfonate(TFMS-Ni)	60871-84-3	--
503	三氟甲磺酸锡(2+)(TFMS-Sn) Tin(II) trifluoromethanesulfonate(TFMS-Sn)	62086-04-8	--
504	三氟甲磺酸钇(3+)(TFMS-Y) Yttrium(III) trifluoromethanesulfonate(TFMS-Y)	52093-30-8	--
505	三氟甲磺酸铁(3+)(TFMS-Fe) Iron(III) trifluoromethanesulfonate(TFMS-Fe)	63295-48-7	--
506	三氟甲磺酸铈(3+)(TFMS-Ce(3+)) Cerium(III) Trifluoromethanesulfonate(TFMS-Ce(3+))	76089-77-5	--
507	三氟甲磺酸四丁基铵(TFMS-N(C_4H_9)$_4$) Tetrabutylammonium trifluoromethanesulfonate(TFMS-N(C_4H_9)$_4$)	35895-70-6	--
508	三氟甲磺酸甲基三辛基铵(TFMS-N(C_8H_{17})$_3$$CH_3$)	121107-18-4	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	Methyltrioctylammonium trifluoromethanesulfonate(TFMS-N(C_8H_{17})$_3$$CH_3$)		
509	咪唑三氟甲磺酸盐(TFMS-$C_3H_4N_2$) Imidazole trifluoromethanesulfonate(TFMS-$C_3H_4N_2$)	29727-06-8	--
510	三氟乙酰三氟甲磺酸酯 Trifluoroacetyl triflate	68602-57-3	--
511	三氟甲磺酸镧(3+)(TFMS-La) Lanthanum(III) trifluoromethanesulfonate(TFMS-La)	52093-26-2	--
512	三氟甲磺酸铟(3+)(TFMS-In) Indium(III) trifluoromethanesulfonate(TFMS-In)	128008-30-0	--
513	三氟甲磺酸钐(3+)(TFMS-Sm) Samarium(III) trifluoromethanesulfonate(TFMS-Sm)	52093-28-4	--
514	三氟甲磺酸镱(3+)(TFMS-Yb) Ytterbium(3+) tris(trifluoromethanesulfonate)(TFMS-Yb)	54761-04-5	--
515	三氟甲磺酸铥(3+)(TFMS-Tm) Thulium(III) trifluoromethanesulfonate(TFMS-Tm)	141478-68-4	--
516	三氟甲磺酸四乙基铵(TFMS-N(C_2H_5)$_4$) Tetraethylammonium trifluoromethanesulfonate(TFMS-N(C_2H_5)$_4$)	35895-69-3	--
517	N-氟-3,5-二氯吡啶三氟甲酯(TFMS-$C_5H_3NFCl_2$) 1-Fluoro-3,5-dichloropyridinium triflate(TFMS-$C_5H_3NFCl_2$)	107264-06-2	--
518	三氟甲磺酸三乙胺盐(TFMS-N(C_2H_5)$_3$) Triethylamine salt of trifluoromethanesulfonic acid(TFMS-N(C_2H_5)$_3$)	646-58-2	--
519	三苯基鏻酐三氟甲酯(TFMS-O(P(C_6H_5)$_3$)$_2$) Triphenylphosphonium anhydride triflate(TFMS-O(P(C_6H_5)$_3$)$_2$)	72450-51-2	--
520	N,N-二乙基-6-（二乙氨基）-9-（-2（甲氧羰基）苯基）-3H-蒽-3-亚基三氟甲磺酸铵(TFMS-$C_{29}H_{33}N_2O_3$) N,N-Diethyl-6-(diethylamino)-9-(2-(methoxycarbonyl)phenyl)-3H-xanthene-3-ylideneammonium trifluoromethanesulfonate(TFMS-$C_{29}H_{33}N_2O_3$)	120611-30-5	--
521	三氟甲磺酸二苯基铵(TFMS-NH_2(C_6H_5)$_2$) Diphenylammonium Trifluoromethanesulfonate(TFMS-NH_2(C_6H_5)$_2$)	164411-06-7	--
522	1-（3-氨基氮杂环丁-1-基）丙-2-烯-1-酮,三氟甲磺酸(TFMS-$C_6H_{10}N_2O$) 1-(3-aminoazetidin-1-yl)prop-2-en-1-one, trifluoromethanesulfonic acid (TFMS-$C_6H_{10}N_2O$)	2060047-56-3	--
523	三氟甲磺酸胍(TFMS-CN_3H_5) Guanidine trifluoromethanesulfonic acid(TFMS-CN_3H_5)	153756-25-3	--
524	三氟甲磺酸-1-乙基-1H-咪唑(1/1)(TFMS-CN_3H_5) Trifluoromethanesulfonic acid--1-ethyl-1H-imidazole (1/1)(TFMS-CN_3H_5)	501693-46-5	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
525	钌(3+)(OC-6-22)-与三氟甲磺酸(1:3)的盐 Ruthenium(3+), (OC-6-22)-, salt with trifluoromethanesulfonic acid (1:3)	74468-24-9	--
526	O-戊酰基羟胺三氟甲磺酸酯(TFMS-$C_5H_{11}O_2N$) O-Pivaloylhydroxylamine trifluoromethanesulfonate(TFMS-$C_5H_{11}O_2N$)	1293990-73-4	--
527	三氟甲磺酰氯(TFMS-Cl) Trifluoromethanesulfonyl chloride(TFMS-Cl)	421-83-0	--
528	（2-吡啶甲基）磺酰氯三氟磺酸盐(TFMS-$C_6H_6SO_2ClN$) (2-Pyridylmethyl)sulfonyl chloride triflate(TFMS-$C_6H_6SO_2ClN$)	882564-09-2	--
529	三氟甲磺酰溴(TFMS-Br) Trifluoromethanesulfonyl bromide(TFMS-Br)	15458-53-4	--
530	三氟甲磺酸汞(2+)(TFMS-Hg) Mercury(II) trifluoromethanesulfonate(TFMS-Hg)	49540-00-3	--
531	三氟甲磺酸镝(3+)(TFMS-Dy) Dysprosium(III) trifluoromethanesulfonate(TFMS-Dy)	139177-62-1	--
532	三氟甲磺酸锰(TFMS-Mn) Trifluoromethanesulfonic acid-manganese (2/1)(TFMS-Mn)	55120-76-8	--
533	三氟甲磺酸五胺锇(3+)(TFMS-Os-$(NH_3)_5$) Pentaammine(trifluoromethanesulfonato)osmium(III) triflate(TFMS-Os-$(NH_3)_5$)	83781-30-0	--
534	三氟甲磺酸镥(3+)(TFMS-Lu) Lutetium(III) trifluoromethanesulfonate(TFMS-Lu)	126857-69-0	--
535	三氟甲磺酸铽(3+)(TFMS-Tb) Terbium(III) trifluoromethanesulfonate(TFMS-Tb)	148980-31-8	--
536	三氟甲磺酸钕(3+)(TFMS-Nd) Neodymium(III) trifluoromethanesulfonate(TFMS-Nd)	34622-08-7	--
537	三氟甲基磺酸铵(TFMS-NH_4) Ammonium trifluoromethanesulfonate(TFMS-NH_4)	38542-94-8	--
538	三氟甲磺酸钬(3+)(TFMS-Ho) Holmium tris(trifluoromethanesulfonate)(TFMS-Ho)	139177-63-2	--
539	三氟甲磺酸盐(TFMS(anion)) Trifluoromethanesulfonate(TFMS(anion))	37181-39-8	--
540	三氟甲磺酸镨(3+)(TFMS-Pr) Praseodymium(III) trifluoromethanesulfonate(TFMS-Pr)	52093-27-3	--
541	三氟甲基磺酸铋(3+)(TFMS-Bi) Bismuth(III) trifluoromethanesulfonate(TFMS-Bi)	88189-03-1	--
542	三氟甲磺酸铕(3+)(TFMS-Eu) Europium(III) trifluoromethanesulfonate(TFMS-Eu)	52093-25-1	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
543	三氟甲磺酸铒(3+)(TFMS-Er) Erbium(III) trifluoromethanesulfonate(TFMS-Er)	139177-64-3	--
544	三氟甲磺酸镓(3+)(TFMS-Ga) Gallium(III) trifluoromethanesulfonate(TFMS-Ga)	74974-60-0	--
545	N,N,N-三乙基-2,2,2-三氟乙胺三氟甲磺酸盐(TFMS-$C_8H_{17}NF_3$) N,N,N-Triethyl-2,2,2-trifluoroethan-1-aminium trifluoromethanesulfonate (TFMS-$C_8H_{17}NF_3$)	380230-73-9	--
546	三氟甲磺酸钙(TFMS-Ca) Methanesulfonic acid, trifluoro-, calcium salt(TFMS-Ca)	55120-75-7	--
547	三氟甲磺酸铊(1+)(TFMS-Tl) Thallium(1+) trifluoromethanesulfonate(TFMS-Tl)	73491-36-8	--
548	三氟甲磺酸铪(4+)(TFMS-Hf) Hafnium(IV) Trifluoromethanesulfonate(TFMS-Hf)	161337-67-3	--
549	三氟甲磺酸一水合物(TFMS-H_2O) Trifluoromethanesulfonic acid--water (1/1)(TFMS-H_2O)	49789-04-0	--
550	三氟甲磺酸铈(4+)水合物(1/4/1)(TFMS-Ce(4+)-H_2O) Cerium(4+) trifluoromethanesulfonate--water(1/4/1)(TFMS-Ce(4+)-H_2O)	206996-62-5	--
551	三氟甲磺酸镱(3+)水合物(1/3/1)(TFMS-Yb-H_2O) Ytterbium(3+) trifluoromethanesulfonate--water(1/3/1)(TFMS-Yb-H_2O)	252976-51-5	--
552	三氟甲磺酸钇水合物(1/3/1)(TFMS-Y-H_2O) Yttrium trifluoromethanesulfonate--water(1/3/1)(TFMS-Y-H_2O)	34629-25-9	--
553	三氟甲磺酸水合物(2/1)(TFMS-H_2O) Trifluoromethanesulfonic acid--water(2/1)(TFMS-H_2O)	57072-74-9	--
554	三氟甲磺酸铈(3+)水合物(1/3/1)(TFMS-Ce(3+)-H_2O) Cerium(3+) trifluoromethanesulfonate--water(1/3/1)(TFMS-Ce(3+)-H_2O)	698999-65-4	--
555	三氟甲磺酸镧水合物(1/3/1)(TFMS-La-H_2O) Lanthanum trifluoromethanesulfonate--water(1/3/1)(TFMS-La-H_2O)	34629-21-5	--
556	三氟甲基磺酸五氟苯胺(TFMS-$C_6H_2F_5N$) Pentafluoroanilinium trifluoromethanesulfonate(TFMS-$C_6H_2F_5N$)	912823-79-1	--
PFHpSi 及其盐 PFHpSi and its salts			
557	全氟庚烷-1-亚磺酸(PFHpSi) Perfluoroheptane-1-sulfinic acid(PFHpSi)	769067-51-8	0.025
558	全氟庚烷亚磺酸钠盐(PFHpSi-Na) Sodium perfluoroheptanesulfinate(PFHpSi-Na)	68555-66-8	--
TFA 及其盐 TFA and its salts			

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
559	三氟乙酸(TFA) Trifluoroacetic Acid(TFA)	76-05-1	0.025
560	三氟乙酸钠(TFA-Na) Sodium trifluoroacetate(TFA-Na)	2923-18-4	--
561	三氟乙酸铊(TFA-Tl) Thallium(III) trifluoroacetate(TFA-Tl)	23586-53-0	--
562	三氟乙酸锂(TFA-Li) Lithium Trifluoroacetate(TFA-Li)	2923-17-3	--
563	三氟乙酸银(TFA-Ag) Silver trifluoroacetate(TFA-Ag)	2966-50-9	--
564	三氟乙酸铯(TFA-Cs) Cesium Trifluoroacetate(TFA-Cs)	21907-50-6	--
565	三氟乙酸钾(TFA-K) Potassium trifluoroacetate(TFA-K)	2923-16-2	--
566	三氟乙酸铵(TFA-NH_4) Ammoniumtrifluoroacetate(TFA-NH_4)	3336-58-1	--
567	三氟乙酸汞(2+)(TFA-Hg) Mercury(II) trifluoroacetate(TFA-Hg)	13257-51-7	--
568	三氟乙酸钯(TFA-Pd) Palladium(II) trifluoroacetate(TFA-Pd)	42196-31-6	--
569	三氟乙酸锌水合物(TFA-Zn-H_2O) Zinc trifluoroacetate hydrate(TFA-Zn-H_2O)	207801-31-8	--
570	三氟乙酸盐(TFA(anion)) Trifluoroacetate(TFA(anion))	14477-72-6	--
571	三氟乙酸三氟乙酰氧基二甲基锍(TFA-$C_3H_6F_3O_2S$) Dimethyl[(trifluoroacetyl)oxy]sulfanium trifluoroacetate(TFA-$C_3H_6F_3O_2S$)	57738-66-6	--
572	三氟乙酸铝(TFA-Al) Aluminium tris(trifluoroacetate)(TFA-Al)	36554-89-9	--
573	三氟乙酸钡(TFA-Ba) Barium bis(trifluoroacetate)(TFA-Ba)	60884-92-6	--
574	三氟乙酸铒(TFA-Er) Erbium tris(trifluoroacetate)(TFA-Er)	70236-99-6	--
575	三氟乙酸铟(TFA-In) Indium trifluoroacetate(TFA-In)	36554-90-2	--
576	三氟乙酸镧(TFA-La) Lanthanum tris(trifluoroacetate)(TFA-La)	70236-92-9	--
577	三氟乙酸镍(TFA-Ni)	16083-14-0	--

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	Nickel(2+) bis(trifluoroacetate)(TFA-Ni)		
578	三氟乙酸铅(2+)(TFA-Pb) Lead(II) trifluoroacetate(TFA-Pb)	4146-73-0	--
579	三氟乙酸铑(TFA-Rh) Acetic acid, trifluoro-, rhodium(2+) salt(TFA-Rh)	72654-51-4	--
580	三氟乙酸铥(TFA-Tm) Thulium tris(trifluoroacetate)(TFA-Tm)	70237-00-2	--
581	三氟乙酸镱(TFA-Yb) Ytterbium(3+) tris(trifluoroacetate)(TFA-Yb)	87863-62-5	--
582	三氟乙酸锌(TFA-Zn) Zinc bis(trifluoroacetate)(TFA-Zn)	21907-47-1	--
583	三氟乙酸钌(TFA-Ru) Ruthenium(II) 2,2,2-trifluoroacetate(TFA-Ru)	61612-84-8	--
584	三氟乙酸镁(TFA-Mg) Magnesium 2,2,2-trifluoroacetate(TFA-Mg)	123333-72-2	--
585	三氟乙酸铜(TFA-Cu) Copper (II) Trifluoroacetate(TFA-Cu)	123333-88-0	--
586	三氟乙酸铬(3+)(TFA-Cr) Chromium(3+) tris(trifluoroacetate)(TFA-Cr)	16712-29-1	--
587	甲硅烷基（三氟乙酸酯）(TFA-SiH_3) Silyl trifluoroacetate(TFA-SiH_3)	6876-44-4	--
588	三氟乙酸铕水合物(TFA-Eu·$3H_2O$) Europium(3+) trifluoroacetate--water (1/3/3)(TFA-Eu·$3H_2O$)	94079-71-7	--
589	氢氧化铟三氟乙酸酯(1/1/2)(TFA-InOH) Indium hydroxide trifluoroacetate (1/1/2)(TFA-InOH)	66027-94-9	--
590	三氟乙酸汞(1+)(TFA-Hg) Mercury(1+) trifluoroacetate(TFA-Hg)	2923-15-1	--
591	全氟乙酸依来多辛(TFA-$C_{54}H_{85}N_{13}O_{15}S$) Eledoisin trifluoroacetate(TFA-$C_{54}H_{85}N_{13}O_{15}S$)	39877-24-2	--
592	甲基三辛基铵三氟乙酸盐(TFA-$N(C_8H_{17})_3CH_3$) Methyltrioctylammonium trifluoroacetate(TFA-$N(C_8H_{17})_3CH_3$)	121107-16-2	--
593	三氟乙酸四乙基铵(TFA-N(C2H5)4)(TFA-$N(C_2H_5)_4$) Tetraethylammonium trifluoroacetate(TFA-$N(C_2H_5)_4$)	30093-29-9	--
594	三氟乙酸四丁基铵(TFA-N(C4H9)4)(TFA-$N(C_4H_9)_4$) Tetrabutylammonium trifluoroacetate(TFA-$N(C_4H_9)_4$)	39481-22-6	--
8:8 PFPi 及其盐 8:8 PFPi and its salts			

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
595	8:8 全氟次膦酸(8:8 PFPi) 8:8 Perfluorophosphinic acid(8:8 PFPi)	40143-79-1	0.025
596	8:8 全氟次膦酸钠盐(8:8 PFPi-Na) Sodium bis(perfluorooctyl)phosphinate(8:8 PFPi-Na)	500776-69-2	--
597	8:8 全氟次膦酸铒(3+)盐(8:8 PFPi-Er) Bis(perfluorooctyl) phosphinic acid erbium(3+) salt(8:8 PFPi-Er)	500776-70-5	--
598	8:8 全氟次膦酸镱(3+)盐(8:8 PFPi-Yb) Bis(perfluorooctyl) phosphinic acid ytterbium(3+) salt(8:8 PFPi-Yb)	500776-71-6	--
EtFHxSAA 及其盐 EtFHxSAA and its salts			
599	N-乙基-N-[（十三氟己基）磺酰基]甘氨酸(EtFHxSAA) N-Ethyl-N-((tridecafluorohexyl)sulfonyl)glycine(EtFHxSAA)	68957-32-4	0.025
600	N-乙基-N-[（十三氟己基）磺酰基]甘氨酸钾(EtFHxSAA-K) Potassium N-ethyl-N-(perfluorohexylsulphonyl)glycinate(EtFHxSAA-K)	67584-53-6	--
601	N-乙基-N-（十三氟己基）磺酰基)甘氨酸钠(EtFHxSAA-Na) Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate(EtFHxSAA-Na)	68555-70-4	--
Cheminox FHP 2OH(PFHEPA)及其盐 Cheminox FHP 2OH(PFHEPA) and its salts			
602	全氟己基乙基膦酸(Cheminox FHP 2OH(PFHEPA)) Perfluorohexyl ethylphosphonic acid(Cheminox FHP 2OH(PFHEPA))	252237-40-4	0.025
603	全氟己基乙基膦酸钠(Cheminox FHP 2OH-Na(PFHEPA-Na)) Tridecafluorooctyl-phosphonic acid sodium salt (1:1)(Cheminox FHP 2OH-Na(PFHEPA-Na))	1189052-95-6	--
PFPrS 及其盐 PFPrS and its salts			
604	全氟丙烷磺酸(PFPrS) Perfluoropropate sulfonic acid(PFPrS)	423-41-6	0.025
605	全氟丙烷磺酸钠(PFPrS-Na) Sodium perfluoro-1-propanesulfonate(PFPrS-Na)	359868-82-9	--
606	全氟丙烷磺酸钾(PFPrS-K) Potassium heptafluoropropanesulfonate(PFPrS-K)	40365-23-9	--
607	全氟丙烷磺酸盐(PFPrS(anion)) Perfluoropropane sulfonate(PFPrS(anion))	110676-15-8	--
PFMPA 及其盐 PFMPA and its salts			
608	全氟-3-甲氧基丙酸(PFMPA) Perfluoro-3-Methoxypropanoic acid(PFMPA)	377-73-1	0.025

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
609	2,2,3,3-四氟-3-(三氟甲氧基)丙酸酐(PFMPAA) 2,2,3,3-Tetrafluoro-3-(trifluoromethoxy)propanoic anhydride(PFMPAA)	42566-65-4	--
FBSA 及其盐 FBSA and its salts			
610	全氟丁基磺酰胺(FBSA) Perfluorobutyl sulfonamide(FBSA)	30334-69-1	0.025
611	全氟丁基磺酰胺钾(FBSA-K) Potassium (perfluorobutanesulfonyl)azanide(FBSA-K)	289042-19-9	--
612	全氟丁基磺酰胺铵盐(FBSA-NH_4) Nonafluorobutanesulfonamide ammonia salt(FBSA-NH_4)	131003-86-6	--
6:8 PFPi 及其盐 6:8 PFPi and its salts			
613	全氟己基全氟辛基次膦酸(6:8 PFPi) Perfluorohexylperfluorooctyl phosphinic acid(6:8 PFPi)	610800-34-5	0.025
614	6:8 全氟次膦酸钠(6:8 PFPi-Na) Sodium perfluorohexylperfluorooctylphosphinate(6:8 PFPi-Na)	2361298-14-6	--
BPAF 及其盐 BPAF and its salts			
615	双酚 AF(BPAF) Bisphenol AF(BPAF)	1478-61-1	0.025
616	双酚 AF 苄基三苯基膦(BPAF-$C_{25}H_{22}P$) 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	--
617	双酚 AF 苄基(二乙氨基)二苯基膦(BPAF-$C_{23}H_{27}NP$) 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	--
其他全氟化合物 Other perfluorinated compounds			
618	全氟-3,7-二甲基辛酸(PF-3,7-DMOA) Perfluoro-3,7-dimethyloctanoic Acid(PF-3,7-DMOA)	172155-07-6	0.025
619	N-甲基全氟辛烷磺酰胺(N-MeFOSA) N-methylperfluoro-1-octanesulfonamide(N-MeFOSA)	31506-32-8	0.025
620	N-乙基全氟辛烷磺酰胺(N-Et-FOSA) N-ethylperfluoro-1-octanesulfonamide(N-Et-FOSA)	4151-50-2	0.025
621	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-N-（2-羟乙基）-N-甲基-1-辛基磺酰胺	24448-09-7	0.025

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	(N-Me-FOSE) 2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol(N-Me-FOSE)		
622	N-乙基全氟辛基磺酰胺乙醇(N-EtFOSE) 2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol(N-EtFOSE)	1691-99-2	0.200
623	全氟辛酸甲酯(Me-PFOA) Methyl perfluorooctanoate(Me-PFOA)	376-27-2	0.200
624	全氟辛酸乙酯(Et-PFOA) Ethyl perfluorooctanoate(Et-PFOA)	3108-24-5	0.200
625	1H,1H,2H,2H-全氟-1-癸醇(8:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-decanol(8:2 FTOH)	678-39-7	0.200
626	1H,1H,2H,2H-全氟癸基丙烯酸酯(8:2 FTA) 1H,1H,2H,2H-Heptadecafluorodecyl acrylate(8:2 FTA)	27905-45-9	0.200
627	2-（全氟辛基）乙基甲基丙烯酸酯(8:2 FTMA) 2-Perfluorodecyl methacrylate(8:2 FTMA)	1996-88-9	0.200
628	全氟辛基碘烷(PFOI) Perfluorooctyl iodide(PFOI)	507-63-1	0.200
629	1H,1H,2H,2H-全氟-1-己醇(4:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-hexanol(4:2 FTOH)	2043-47-2	0.200
630	1H,1H,2H,2H-全氟-1-辛醇(6:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-octanol(6:2 FTOH)	647-42-7	0.200
631	全氟辛基丙烯酸酯(6:2 FTA) 1H,1H,2H,2H-Perfluorooctylacrylate(6:2 FTA)	17527-29-6	0.200
632	1H,1H,2H,2H-全氟十二烷基丙烯酸酯(10:2 FTA) 1H,1H,2H,2H-Tetrahydroperfluorododecyl acrylate(10:2 FTA)	17741-60-5	0.200
633	1H,1H,2H,2H-全氟-1-十二醇(10:2 FTOH) 1H,1H,2H,2H-Perfluoro-1-dodecanol(10:2 FTOH)	865-86-1	0.200
634	1H,1H,2H,2H-全氟癸基三乙氧基硅烷(8:2 FTSi(OC_2H_5)$_3$/PFSI) 1H,1H,2H,2H-Perfluorodecyltriethoxysilane(8:2 FTSi(OC_2H_5)$_3$/PFSI)	101947-16-4	0.200
635	1-碘-1H,1H,2H,2H-全氟癸烷(8:2 FTI) 1-Iodine-1H,1H,2H,2H-perfluorodecane(8:2 FTI)	2043-53-0	0.200
636	2-（全氟己基）乙基甲基丙烯酸酯(8:2 FTMA) 2-(Perfluorohexyl)ethyl methacrylate(8:2 FTMA)	2144-53-8	0.200
637	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-二十二氟-11-（三氟甲基）十二烷酰氟 Dodecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,12,12,12-docosafluoro-11-(trifluoromethyl)-	15811-52-6	0.025
638	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-二十六氟-13-	68025-62-7	0.025

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	（三氟甲基）肉豆蔻酰氟 Tetradecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,14,14,14-hexacosafluoro-13-(trifluoromethyl)-		
639	2-（全氟癸基）乙基甲基丙烯酸酯(10:2 FTMA) 2-(Perfluorodecyl)ethyl methacrylate(10:2 FTMA)	2144-54-9	0.200
640	全氟戊酸钠盐 Sodium perfluorooctanesulfonate	2483735-37-9	0.025
641	全氟癸基三氯硅烷(FDTS) Perfluorooctylethyltrichlorosilane(FDTS)	78560-44-8	0.200
642	全氟癸基三甲氧硅烷(FDTMOS) Perfluorooctylethyltrimethoxysilane(FDTMOS)	83048-65-1	0.200
643	1H,1H,2H,2H-全氟辛基三氯硅烷(FOTS) Trichloro((perfluorohexyl)ethyl)silane(FOTS)	78560-45-9	0.200
644	1-碘全氟十四烷 Nonacosafluoro-1-iodotetradecane	307-63-1	0.025
645	全氟癸基乙基碘(10:2 FTI) 1H,1H,2H,2H-perfluorododecyl iodide(10:2 FTI)	2043-54-1	0.200
646	1H,1H,2H,2H-全氟十四烷基碘(12:2 FTI) 1-iodo-1H,1H,2H,2H-perfluorodecane(12:2 FTI)	30046-31-2	0.200
647	全氟-4-甲氧基丁酸(PFMBA/PFMOBA) Perfluoro-4-methoxybutanoic acid(PFMBA/PFMOBA)	863090-89-5	0.025
648	全氟-3,6-二氧杂庚酸(NFDHA/PF-3,6-DOHA) Nonafluoro-3,6-dioxaheptanoic acid(NFDHA/PF-3,6-DOHA)	151772-58-6	0.025
649	3-全氟庚基丙酸(7:3 FTCA) 3-Perfluoroheptylpropanoic acid(7:3 FTCA)	812-70-4	0.025
650	1H,1H-十三氟-1-碘庚烷(PFIH) 1H,1H-Tridecafluoro-1-iodoheptane(PFIH)	212563-43-4	0.200
651	1,1,2,2-四氢全氟-1-十四醇(12:2 FTOH) 1H,1H,2H,2H-perfluorotetradecan-l-ol(12:2 FTOH)	39239-77-5	0.200
652	N-甲基全氟己烷磺酰胺(N-Me-PFHxSA) Tridecafluoro-N-methylhexanesulphonamide(N-Me-PFHxSA)	68259-15-4	0.200
653	2-全氟己基乙酸(6:2 FTCA) 2-Perfluorohexyl ethanoic acid(6:2 FTCA)	53826-12-3	0.025
654	1-甲基-3-（1H,1H,2H,2H-全氟辛基）咪唑六氟磷酸盐 1-Methyl-3-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)imidazolium hexafluorophosphate	313475-50-2	0.025
655	全氟己酸甲酯(APFHxA)	424-18-0	0.025

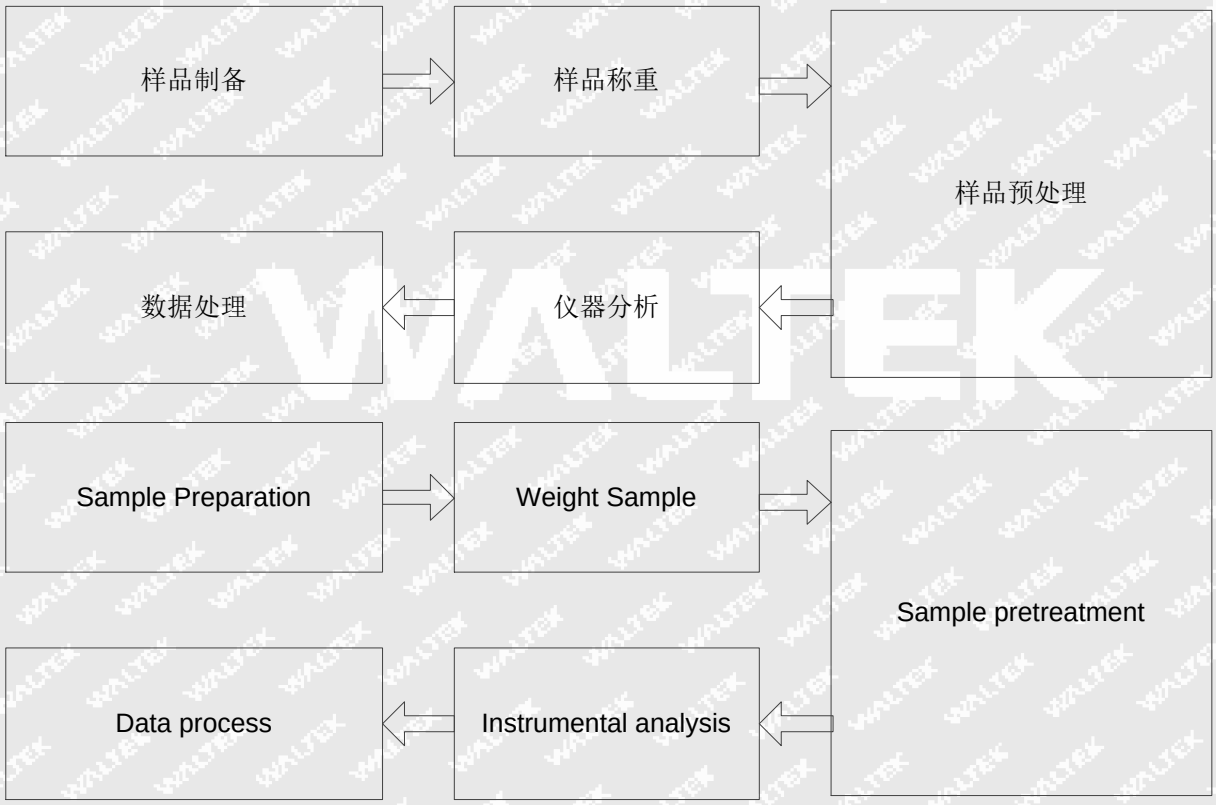
序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	methyl perfluorohexanoate(APFHxA)		
656	丙烯酸（N-甲基全氟己基磺酰胺基）乙酯(N-MeFHSEA) (N-Methylperfluorohexanesulfonamido)ethyl acrylate(N-MeFHSEA)	67584-57-0	0.200
657	N,N-二乙基-1,1,2,3,3,3-六氟丙胺(PPAD) N,N-Diethyl-1,1,2,3,3,3-hexafluoropropylamine(PPAD)	309-88-6	0.025
658	六氟环氧丙烷(HFPO) Hexafluoropropylene oxide(HFPO)	428-59-1	0.025
659	2H,2H-全氟十二烷酸(10:2 FTCA) 2-Perfluorodecyl ethanoic acid(10:2 FTCA)	53826-13-4	0.025
660	2H-全氟-2-辛烯酸(FHUEA/6:2 FTUCA)3-(Perfluoropentyl)-3-fluoro-2-propenoic acid(FHUEA/6:2 FTUCA)	70887-88-6	0.025
661	2H-全氟-2-癸烯酸(8:2 FTUCA) 2H-Perfluoro-2-decenoic acid(8:2 FTUCA)	70887-84-2	0.025
662	2H-全氟-2-十二烯酸(10:2 FTUCA) 2H-Perfluoro-2-dodecenoic acid(10:2 FTUCA)	70887-94-4	0.025
663	1H,1H,2H,2H-全氟辛基三甲氧基硅烷(TMTFSI/6:2 FTSi(OCH_3)$_3$) Trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane(TMTFSI/6:2 FTSi(OCH_3)$_3$)	85857-16-5	0.200
664	1-碘-1H,1H,2H,2H-全氟辛烷(6:2 FTI) 1H,1H,2H,2H-Perfluorooctyl iodide(6:2 FTI)	2043-57-4	0.200
665	1-碘-1H,1H,2H,2H-九氟己烷(4:2 FTI) 1-iodo-1h,1h,2h,2h-nonafluorohexane(4:2 FTI)	2043-55-2	0.200
666	全氟丁酰胺(FBA-NH_2/FBAA)Perfluorobutyramide(FBA-NH_2/FBAA)	662-50-0	0.025
667	N-（4,4,5,5,6,6,7,7,8,8,9,9,9-十三氟壬基）碘乙酰胺 N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	0.200
668	全氟三丙胺(FTPA) Perfluamine(FTPA)	338-83-0	0.200
669	全氟三丁胺(PFTBA) Perfluorotributylamine(PFTBA)	311-89-7	0.200
670	N-[3-（二甲基氧化氨基）丙基]-3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟-1-辛烷磺酰胺(N-diPTFOP-N-oxide) 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	0.025
671	3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛基硫氰酸酯(PFHTH) 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl thiocyanate(PFHTH)	26650-09-9	0.200
672	全氟辛基季胺碘化物	1652-63-7	0.025

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	Perfluoroalkylsulfonyl quaternary ammonium iodide		
673	N-三甲基铵酰丙基全氟辛烷磺酰胺 3-(Perfluorooctanesulfonamido)-N,N,N-trimethylpropan-1-aminium	70225-25-1	0.025
674	2-[甲基[（十三氟己基）磺酰基]氨基]乙基甲基丙烯酸酯(N-MeFHxSA-EE) 2-(Methyl((tridecafluorohexyl)sulphonyl)amino)ethyl methacrylate (N-MeFHxSA-EE)	67584-61-6	0.025
675	2-[乙基[（十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯(N-EtFHxSA-EE) 2-(Ethyl((tridecafluorohexyl)sulphonyl)amino)ethyl methacrylate (N-EtFHxSA-EE)	67906-70-1	0.025
676	N-(甲基)九氟丁烷磺酰胺(MeFBSA) N-methylperfluoro-1-butanesulfonamide(MeFBSA)	68298-12-4	0.025
677	2-（N-乙基全氟辛烷磺胺）乙基丙烯酸酯(EtFOSAC) 2-(N-ethylperfluorooctanesulfamido) ethyl acrylate(EtFOSAC)	423-82-5	0.200
678	十三氟-N-（2-羟基乙基）-N-甲基己烷磺酰胺(MeFHxSE) Tridecafluoro-N-(2-hydroxyethyl)-N-methyl-1-hexanesulfonamide(MeFHxSE)	68555-75-9	0.200
679	全氟辛基乙烯(PFOE) 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-Heptadecafluorodec-1-ene(PFOE)	21652-58-4	0.200
680	全氟癸基碘(PFDI) Perfluorodecyl iodide(PFDI)	423-62-1	0.200
681	1-碘全氟十二烷(PFDoDI) Perfluorododecyl iodide(PFDoDI)	307-60-8	0.200
682	全氟己基乙烯(PFHE) (Perfluorohexyl)ethylene(PFHE)	25291-17-2	0.200
683	1,1,1,2-四氟-2-氯乙烷(HCFC-124) 1-chloro-1,2,2,2-tetrafluoroethane(HCFC-124)	2837-89-0	0.200
684	1,1,1,2-四氟乙烷(HFC-134a) Norflurane(HFC-134a)	811-97-2	0.200
685	五氟乙烷(HFC-125) Pentafluoroethane(HFC-125)	354-33-6	0.200
686	2,2-二氯-1,1,1-三氟乙烷(HCFC-123) 2,2-dichloro-1,1,1-trifluoroethane(HCFC-123)	306-83-2	0.200
687	3-（全氟正己基）丙醇(6:3 FTOH) 3-(Perfluorohexyl)propan-1-ol(6:3 FTOH)	80806-68-4	0.200
688	甲基全氟戊基酮(5:2 ketone) Methyl Perfluoroamyl Ketone(5:2 ketone)	2708/7/8	0.200
689	三甲基（十三氟己基）硅烷(TMPFHSI) Trimethyl(tridecafluorohexyl)silane(TMPFHSI)	135841-49-5	0.200

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
690	2,2,3,3,4,4,4-七氟-1-丁醇(PFBOH) 2,2,3,3,4,4,4-heptafluoro-1-butanol(PFBOH)	375-01-9	0.200
691	十三氟辛基三乙氧基硅烷(6:2 FTSi(OC_2H_5)$_3$) 1H,1H,2H,2H-Perfluorooctyltriethoxysilane(6:2 FTSi(OC_2H_5)$_3$)	51851-37-7	0.200
692	乙基全氟正戊酮(EtPFPK) Ethyl Undecafluoroamyl Ketone(EtPFPK)	383177-55-7	0.200
693	1-溴全氟己烷(PFHBr) 1-Bromoperfluorohexane(PFHBr)	335-56-8	0.200
694	全氟辛烷(PFOct) Perfluorooctane(PFOct)	307-34-6	0.200
695	2,2,3,3,4,4,5,5,6,6,6-十一氟己烷-1-醇(5:1 FTOH) 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexan-1-ol (5:1 FTOH)	423-46-1	0.200
696	3-（全氟正己基）环氧丙烷(3-PFH-1,2-HPPO) 3-Perfluorohexyl-1,2-epoxypropane(3-PFH-1,2-HPPO)	38565-52-5	0.200
697	1,1,1,2,3,4,4,5,5,5-十氟-3-甲氧基-2-三氟甲基戊烷(HFE-7300) 1,1,1,2,2,3,4,5,5,5-Decafluoro-3-methoxy-4-(trifluoromethyl)pentane (HFE-7300)	132182-92-4	0.200
698	C8-14-全氟烷基乙醇(C8-14-PFEtOH) Alcohols, C8-14, gamma-omega-perfluoro(C8-14-PFEtOH)	68391-08-2	0.200
699	2-碘-1H,1H,1H,2H,3H,3H-全氟壬烷(PFNI) 1-(Perfluorohexyl)-2-iodopropane(PFNI)	38550-34-4	0.200
700	4,4,5,5,6,6,7,7,8,8,9,9,9-十三氟壬基碘化物(6:3 FTI) 4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide(6:3 FTI)	89889-20-3	0.200
701	1H,1H,2H,2H-全氟辛基二甲基氯硅烷(6:2 FTSiMe_2Cl) 1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane(6:2 FTSiMe_2Cl)	102488-47-1	0.200
702	三乙氧基[5,5,6,6,7,7,7-七氟-4,4-双（三氟甲基）庚基]硅烷(EtPFMHepSI) Triethoxy[5,5,6,6,7,7,7-heptafluoro-4,4-bis(trifluoromethyl)heptyl]silane (EtPFMHepSI)	130676-81-2	0.200
703	3,3,4,4,5,5,6,6,7,7,7-十一氟-2-庚醇(5:2 sFTOH) 3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol(5:2 sFTOH)	914637-05-1	0.200
704	1H,1H-全氟-1-庚醇(6:1 FTOH/PFHepOH)1H,1H-Perfluoro-1-heptanol(6:1 FTOH/PFHepOH)	375-82-6	0.200
705	4-（3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛基）苄醇(4-PFOBA) 4-(3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl)benzyl alcohol(4-PFOBA)	356055-76-0	0.200
706	2-全氟辛基乙基乙酸酯(8:2 FTOAc) 1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	0.200
707	1H.1H,2H,2H-全氟己基三异丙氧基硅烷(PFETMSI)	1240203-07-9	0.200

序号 No.	物质名称 Substances Name	CAS 号 CAS No.	定量限 LOQ
	2-(Perfluorohexyl)ethyltris(1-methylethoxy)silane(PFETMSI)		
708	3-氯-1,1,1-三氟-丙烷(HCFC-253fb) 3-chloro-1,1,1-trifluoropropane(HCFC-253fb)	460-35-5	0.200
709	1H,1H,2H,2H-全氟辛硫醇(6:2 FTSH) 1H,1H,2H,2H-Perfluorooctanethiol(6:2 FTSH)	34451-26-8	0.200
710	全氟庚酰胺(PFHpA-NH_2/TPFHpA) Perfluoroheptanamide(PFHpA-NH_2/TPFHpA)	2358-22-7	0.200

测试流程图 / Testing Flow chart:



样品描述 / Specimen Description:

样品 ID Specimen ID	样品编号 Specimen No.	样品描述 Specimen Description
FSW2607291819CJ. 1	1	黑色塑料块 Black plastic block
FSW2607291819CJ. 2	2	黄黑色塑料薄膜 Yellow-black plastic film
FSW2607291819CJ. 3	3	黑色橡胶块 Black rubber block
FSW2607291819CJ. 4	4	透明塑料胶带 Transparent plastic adhesive tape
FSW2607291819CJ. 5	5	棕色纸 Brown paper

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