



检测报告 Test Report

报告编号 A2250167414103E
Report No. A2250167414103E

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报告抬头公司名称 益阳市鹏程科技发展有限公司
Company Name YIYANG PENGCHENG TECHNOLOGY DEVELOPMENT CO., LTD
shown on Report
地 址 湖南省益阳市龙岭工业区学府南路/解放西路
Address 413000SOUTH XUEFU ROAD/EST JIEFANG ROAD, LONGLING INDUSTRIAL
ZONE, YIYANGCITY, 413000, HUNAN PROVINCE, PRC

以下测试之样品及样品信息由申请者提供并确认

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

样品名称	200V12uF8*12RVL 200V12uF8*12RVL
Sample Name	200V12uF8*12RVL 200V12uF8*12RVL
样品接收日期	2025.03.19
Sample Received Date	Mar. 19, 2025
样品检测日期	2025.03.19-2025.03.27
Testing Period	Mar. 19, 2025 to Mar. 27, 2025

测试内容 Test Conducted:

根据客户的申请要求，具体要求详见下一页。

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

批 准

Approved by

郑晴涛

郑晴涛

技术经理 Technical Manager

日 期

Date

2025.03.27

No. R294341845

广东省深圳市宝安区新安街道兴东社区华测检测大楼

华测检测认证集团股份有限公司

Certified Testing International Group Co., Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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测试摘要 Executive Summary:

测试要求

TEST REQUEST

- 1) 美国加利福尼亚州第 65 号提案
California proposition 65 settlements
 - 铅
Lead (Pb)
 - 镉
Cadmium (Cd)
 - 邻苯二甲酸酯
Phthalates
- 2) 客户要求
Client's requirement
 - 553 项全氟烷基和多氟烷基物质
553 Perfluoroalkyl and polyfluoroalkyl substances (PFAS)
- 3) 美国环保署有毒物质控制法(TSCA)第 6(h)部分关于持久性、生物累积性和毒性(PBT)化学物质的管控
Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)
 - 十溴二苯醚
Decabromodiphenyl Ether (DecaBDE)
 - 异丙基化磷酸三苯酯
Phenol, Isopropylated Phosphate (PIP (3:1))
 - 2,4,6-三叔丁基苯酚
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)
 - 六氯丁二烯
Hexachlorobutadiene (HCBD)
 - 五氯苯硫酚
Pentachlorothiophenol (PCTP)

测试结果

CONCLUSION

见结果页
See test result(s)

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*****详细结果，请见下页*****

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

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CTI 样品 ID CTI Sample ID	引用报告编号- CTI 样品 ID Reference Report No. - CTI Sample ID
002	A2250167414101E-002

备注：
上表格涉及到引用的样品本次未测试。根据客户声明，“引用报告编号- CTI 样品 ID”列与“CTI 样品 ID”列对应的样品为同材质。

Remark:
The samples with the reference information in the table above are non-tested in this report. According to the client's statement, the material of the samples in the column "Reference Report No. - CTI Sample ID " in the table above are the same as the " CTI Sample ID ".

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1) 美国加利福尼亚州第 65 号提案 California proposition 65 settlements

▼ 铅 Lead (Pb)

测试方法: CPSC-CH-E1002-08.3; 测试仪器: ICP-OES

Test Method: CPSC-CH-E1002-08.3; Test Equipment: ICP-OES

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限
	001	MDL (mg/kg)
铅 Lead (Pb)	N.D.	5

测试方法: CPSC-CH-E1003-09.1; 测试仪器: ICP-OES

Test Method: CPSC-CH-E1003-09.1; Test Equipment: ICP-OES

测试项目 Tested Item(s)	结果 Result (mg/kg)	方法检出限
	003	MDL (mg/kg)
铅 Lead (Pb)	N.D.	5

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

▼ 镉 Cadmium (Cd)

测试方法: 参考 US EPA 3052:1996 & US EPA 6010D:2018; 测试仪器: ICP-OES

Test Method: Refer to US EPA 3052:1996 & US EPA 6010D:2018; Test Equipment: ICP-OES

测试项目 Tested Item(s)	结果 Result (mg/kg)		方法检出限
	001	003	MDL (mg/kg)
镉 Cadmium (Cd)	N.D.	N.D.	2

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

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邻苯二甲酸酯 Phthalates

测试方法: CPSC-CH-C1001-09.4; 测试仪器: GC-MS
Test Method: CPSC-CH-C1001-09.4; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result (mg/kg)		方法检出限
	001	003	MDL (mg/kg)
邻苯二甲酸二(2-乙基)己酯 Di-(2-ethylhexyl) phthalate (DEHP)	N.D.	N.D.	30
邻苯二甲酸二丁酯 Dibutyl phthalate (DBP)	N.D.	N.D.	30
邻苯二甲酸丁基苄基酯 Butyl benzyl phthalate (BBP)	N.D.	N.D.	30
邻苯二甲酸二异壬酯 Di-isononyl phthalate (DINP)	N.D.	N.D.	50
邻苯二甲酸二异癸酯 Di-iso-decyl phthalate (DIDP)	N.D.	N.D.	50
邻苯二甲酸二己酯 Di-n-hexyl phthalate (DNHP)	N.D.	N.D.	30

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

2) 客户要求 Client's requirement

553 项全氟烷基和多氟烷基物质 553 Perfluoroalkyl and polyfluoroalkyl substances (PFAS)

测试方法: 参考 EN 17681-1:2022&EN 17681-2:2022; 测试仪器: LC-MS-MS & GC-MS
Test Method: Refer to EN 17681-1:2022&EN 17681-2:2022; Test Equipment: LC-MS-MS & GC-MS

序号 No.	测试项目 Tested Item(s)	CAS No.	结果 Result (mg/kg)	方法检出限
			001	MDL (mg/kg)
-	所有 PFAS 物质 (见 PFAS 清单) All tested PFAS (See the list of PFAS)	-	N.D.	-

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序号 No.	测试项目 Tested Item(s)	CAS No.	结果 Result (mg/kg)	方法检出限
			003	MDL (mg/kg)
-	所有 PFAS 物质 (见 PFAS 清单) All tested PFAS (See the list of PFAS)	-	N.D.	-

备注 Remark:

- 结果仅显示检出的 PFAS，低于方法检出限的 PFAS 没有列出。所有测试的 PFAS 见下页的 PFAS 清单。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 = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million
- * = PFAS 清单中列出的物质 The substances listed in the List of PFAS

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PFAS 清单 List of PFAS

序号 No.	组名 Group Name	物质名称 Substance Name(s)	CAS No.	方法检出 限 MDL (mg/kg)
1	PFOS 及其盐 PFOS and its salts	全氟辛烷磺酸 Perfluorooctane Sulfonates (PFOS)	1763-23-1	0.010
2		全氟辛基磺酸钾 Perfluorooctanesulfonic acid, potassium salt (PFOS-K)	2795-39-3	--
3		全氟辛基磺酸锂 Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5	--
4		全氟辛基磺酸钠 Sodium perfluorooctane sulfonate (PFOS-Na)	4021-47-0	--
5		全氟辛基磺酸镁 1-Octanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-, magnesium salt (2:1) (PFOS-Mg)	91036-71-4	--
6		全氟辛基磺酸铵 Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH ₄)	29081-56-9	--
7		全氟辛基磺酸二乙醇胺 Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH) ₂)	70225-14-8	--
8		全氟辛基磺酸四乙基铵 Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄)	56773-42-3	--
9		全氟辛烷磺酸四丁基铵 Tetrabutylammonium perfluorooctanesulfonate (PFOS-NH(C ₄ H ₉) ₄)	111873-33-7	--
10		全氟辛基磺酸二癸二甲基铵 Didecyl dimethyl ammonium perfluorooctane sulfonate (PFOS-DDA)	251099-16-8	--
11		全氟辛基磺酸哌啶 Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctanesulfonate	71463-74-6	--
12		全氟辛基磺酸四甲基铵 Tetramethylammonium perfluorooctane sulfonate (PFOS-C ₄ H ₁₂ N)	56773-44-5	--
13		全氟辛基磺酸二乙胺 Perfluorooctanesulfonic acid diethylamine salt (PFOS-C ₄ H ₁₁ N)	2205029-08-7	--
14		全氟辛基磺酸三乙胺 Triethylammonium perfluorooctane sulfonate (PFOS-C ₆ H ₁₅ N)	54439-46-2	--
15		全氟辛基磺酸三丁基甲基胺 N,N-Dibutyl-N-methylbutan-1-aminium heptafluorooctane-1-sulfonate (PFOS-C ₁₃ H ₃₀ N)	124472-68-0	--
16		全氟辛基磺酸戊基(三丙基)胺 N,N,N-Tripropylpentan-1-aminium heptafluorooctane-1-sulfonate (PFOS-C ₁₄ H ₃₂ N)	56773-56-9	--
17		全氟辛基磺酸四丁基磷 Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-C ₁₆ H ₃₆ P)	2185049-59-4	--
18		全氟辛基磺酸庚基二甲基-[2-(2-甲基丙-2-烯酰氧基)乙基]胺 Heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptafluorooctane-1-sulfonate (PFOS-C ₁₅ H ₃₀ NO ₂)	1203998-97-3	--
19		全氟辛基磺酸双[4-(1,1-二甲基乙基)苯基]-碘鎓 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		全氟辛基磺酸二苯基(2,4,6-三甲基苯基)硫 Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate (PFOS-C ₂₁ H ₂₁ S)	258341-99-0	--
21		全氟辛基磺酸十六烷基吡啶 1-Hexadecylpyridinium perfluoro-1-octanesulfonate (PFOS-C ₂₁ H ₃₈ N)	334529-63-4	--
22		全氟辛基磺酸酐 Perfluorooctane sulfonic anhydride (PFOSAN)	423-92-7	--
23		N,N,N-三乙基癸-1-胺十七氟辛烷-1-磺酸盐 N,N,N-Triethyldecyl-1-aminium heptafluorooctane-1-sulfonate (PFOS-C ₁₆ H ₃₆ N)	773895-92-4	--
24		全氟辛烷磺酸盐 Perfluorooctanesulfonate (PFOS (anion))	45298-90-6	--

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序号 No.	组名 Group Name	物质名称 Substance Name(s)	CAS No.	方法检出 限 MDL (mg/kg)
25		全氟辛基磺酰氯 Perfluoro-1-octanesulfonyl chloride (PFOS-Cl)	423-60-9	--
26	--	全氟辛基磺酰氟 Perfluoro-1-octanesulfonyl fluoride (PFOSF)	307-35-7	0.010
27	--	氟虫胺 N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	0.050
28	--	1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-十七氟-N-甲基-辛磺酰胺 N-Methylperfluoro-1-octanesulfonamide (N-Me-FOSA)	31506-32-8	0.050
29	--	N-乙基全氟辛基磺酰胺乙醇 2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2	0.050
30	--	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 2-(N-Methylperfluoro-1-octanesulfonamido)-ethanol (N-Me-FOSE)	24448-09-7	0.050
31	PFOA 及其盐 PFOA and its salts	全氟辛酸 Perfluorooctanoic acid (PFOA)	335-67-1	0.010
32		全氟辛酸铵 Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	--
33		全氟辛酸钠 Sodium perfluorooctanoate (PFOA-Na)	335-95-5	--
34		全氟辛酸钾 Potassium perfluorooctanoate (PFOA-K)	2395-00-8	--
35		全氟辛酸锂 Lithium perfluorooctanoate (PFOA-Li)	17125-58-5	--
36		全氟辛酸银 Silver perfluorooctanoate (PFOA-Ag)	335-93-3	--
37		全氟辛氟 Perfluorooctanoyl fluoride (PFOA-F)	335-66-0	--
38		全氟辛酸铯 Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9	--
39		全氟辛酸钴 Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6	--
40		全氟辛酸铬 Chromium(III) perfluorooctanoate (PFOA-Cr)	68141-02-6	--
41		全氟辛酸四乙基铵 N,N,N-Triethylethanaminium perfluorooctanoate (PFOA-NH(C ₂ H ₅) ₃)	98241-25-9	--
42		全氟辛酸四丙基铵 Tetrapropylammonium perfluorooctanoate (PFOA-NH(C ₃ H ₇) ₄)	277749-00-5	--
43		全氟辛酸 N,N,N-三甲基甲烷 Perfluorooctanoate N,N,N-Trimethylmethanaminium (PFOA-NH(C ₄ H ₁₁))	32609-65-7	--
44		全氟辛酸-哌嗪 Pentadecafluorooctanoic acid-piperazine (2/1) (PFOA-NH(C ₄ H ₁₀ N))	423-52-9	--
45		全氟辛酸钾水合物 Potassium pentadecafluorooctanoate-water (1/1/2) (PFOA-K(H ₂ O) ₂)	98065-31-7	--
46		全氟辛酸乙胺 Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C ₂ H ₇ N)	1376936-03-6	--
47		全氟辛酸吡啶 Pentadecafluorooctanoic acid-pyridine (1/1) (PFOA-C ₅ H ₅ N)	95658-47-2	--
48		全氟辛酸苯基哌嗪 Pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-C ₁₀ H ₁₄ N ₂)	1514-68-7	--
49		全氟辛酸辛基三甲基铵 N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate (PFOA-C ₁₁ H ₂₆ N)	927835-01-6	--
50		全氟辛酸酐 Perfluorooctanoic Anhydride (PFOAA)	33496-48-9	--
51		全氟辛酸盐 Pentadecafluorooctanoate (anion) (PFOA (anion))	45285-51-6	--
52		全氟辛酸氯 Pentadecafluorooctanoyl chloride (PFOA-Cl)	335-64-8	--
53	--	全氟辛酸甲酯 Methyl perfluorooctanoate (Me-PFOA)	376-27-2	0.010
54	--	全氟辛酸乙酯 Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	0.010
55	--	全氟正辛基碘烷 Perfluorooctyl iodide (PFOI)	507-63-1	0.200
56	--	1H,1H,2H,2H-全氟-1-癸醇 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	0.200

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57	8:2 FTS 及其盐 8:2 FTS and its salts	1H,1H,2H,2H-全氟癸磺酸 1H,1H,2H,2H-perfluorodecane sulfonic acid (8:2 FTS)	39108-34-4	0.200
58		1H,1H,2H,2H-全氟癸磺酸钠 1H,1H,2H,2H-Perfluorodecanesulfonic Acid Sodium (8:2 FTS-Na)	27619-96-1	--
59		1H,1H,2H,2H-全氟癸磺酸钾 Potassium 2-(perfluorooctyl)ethane-1-sulfonate (8:2 FTS-K)	438237-73-1	--
60		1H,1H,2H,2H-全氟癸磺酸铵 8:2 Fluorotelomer sulfonate ammonium salt (8:2 FTS-NH ₄)	149724-40-3	--
61		1H,1H,2H,2H-全氟癸磺酸盐 2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS (anion))	481071-78-7	--
62		1H,1H,2H,2H-全氟癸磺酰氯 2-(Perfluorooctyl)ethanesulfonyl chloride (8:2 FTS-Cl)	27619-90-5	--
63	--	丙烯酸 1H,1H,2H,2H-十七氟癸酯 1,1,2,2-Tetrahydroperfluorodecyl acrylate (8:2 FTAC)	27905-45-9	0.200
64	--	2-(全氟辛基)乙基甲基丙烯酸酯 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
65	--	1H,1H,2H,2H-全氟癸基三乙氧基硅烷 1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	0.200
66	--	1-碘-1H,1H,2H,2H-全氟癸烷 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
67	8:2diPAP 及其盐 8:2diPAP and its salts	双(2-(全氟乙基))磷酸 8:2 Fluorotelomer phosphate diester (8:2diPAP)	678-41-1	0.200
68		双(2-(全氟乙基))磷酸钠 Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-Na)	114519-85-6	--
69		双(2-(全氟乙基))磷酸铵 Ammonium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2diPAP-NH ₄)	93776-20-6	--
70		双(2-(全氟乙基))磷酸二乙醇胺 Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate (8:2diPAP-C ₄ H ₁₁ NO ₂)	57677-97-1	--
71		双(2-(全氟乙基))磷酸盐 8:2 Fluorotelomer phosphate diester ion (1-) (8:2diPAP (anion))	1411713-91-1	--
72	PFOSA 及其盐 PFOSA and its salts	全氟辛基磺酰胺 Perfluorooctanesulfonamide (PFOSA)	754-91-6	0.010
73		全氟辛基磺酰胺锂盐(1:1) Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)	76752-79-9	--
74		全氟辛基磺酰胺钠盐(1:1) Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8	--
75		全氟辛基磺酰胺钾盐(1:1) Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0	--
76		全氟辛基磺酰胺铵盐(1:1) Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH ₄)	76752-72-2	--
77		全氟辛基磺酰胺三乙胺 Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-C ₆ H ₁₅ N)	76752-82-4	--
78	PFHxA 及其盐 PFHxA and its salts	全氟己酸 Perfluorohexanoic acid (PFHxA)	307-24-4	0.010
79		全氟己酸钠 Sodium undecafluorohexanoate (PFHxA-Na)	2923-26-4	--
80		全氟己酸钾 Hexanoic acid, undecafluoro-, potassium salt (PFHxA-K)	3109-94-2	--
81		全氟己酸锂 Lithium perfluorohexanoate (PFHxA-Li)	90430-61-8	--

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82		全氟己酸银 Silver perfluorohexanoate (PFHxA-Ag)	336-02-7	--
83		全氟己酸铵 Ammonium perfluorohexanoate (PFHxA-NH ₄)	21615-47-4	--
84		全氟己酰氟 Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4	--
85		全氟己酰氯 Perfluorohexanoyl chloride (PFHxA-Cl)	335-53-5	--
86		全氟己酸酐 Perfluorohexanoic anhydride (PFHxAA)	308-13-4	--
87		全氟己酸哌嗪(2:1) Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8Cl,9Cl) (PFHxA-C ₄ H ₁₀ N ₂)	423-47-2	--
88		全氟己酸己胺 Undecafluorohexanoic acid-hexan-1-amine (1/1) (PFHxA-C ₆ H ₁₅ N)	565225-91-4	--
89		全氟己酸苯基哌嗪 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	--
90		全氟己酸盐 Perfluorohexanoate (anion) (PFHxA (anion))	92612-52-7	--
91		全氟正庚酸 Perfluoroheptanoic acid (PFHpA)	375-85-9	0.010
92	PFHpA 及其盐 PFHpA and its salts	十三氟代庚酸钠 Sodium perfluoroheptanoate (PFHpA-Na)	20109-59-5	--
93		全氟庚酸钾 Potassium perfluoroheptanoate (PFHpA-K)	21049-36-5	--
94		全氟庚酸锂 Lithium perfluoroheptanoate (PFHpA-Li)	60871-90-1	--
95		全氟庚酸银 Silver perfluoroheptanoate (PFHpA-Ag)	424-05-5	--
96		全氟庚酸铯 Cesium perfluoroheptanoate (PFHpA-Cs)	171198-24-6	--
97		全氟庚酸铵 Ammonium perfluoroheptanoate (PFHpA-NH ₄)	6130-43-4	--
98		全氟庚酸盐 Perfluoroheptanoate (anion) (PFHpA (anion))	120885-29-2	--
99		全氟正庚酸酐 Perfluoroheptanoic anhydride (PFHpAA)	78225-99-7	--
100		全氟正庚酰氯 Perfluoroheptanoyl chloride (PFHpA-Cl)	52447-22-0	--
101		全氟正庚酰氟 Perfluoroheptanoyl fluoride (PFHpA-F)	375-84-8	--
102	PFBS 及其盐 PFBS and its salts	全氟丁基磺酸 Perfluorobutane sulfonic acid (PFBS)	375-73-5	0.010
103		全氟丁基磺酸钠 Sodium perfluorobutanesulfonate (PFBS-Na)	60453-92-1	--
104		全氟丁基磺酸钾 Perfluorobutanesulfonate K-salt (PFBS-K)	29420-49-3	--
105		全氟丁基磺酸锂 Lithium perfluorobutanesulfonate (PFBS-Li)	131651-65-5	--
106		全氟丁基磺酸镁 Magnesium perfluorobutanesulfonate (PFBS-Mg)	507453-86-3	--
107		全氟丁基磺酸水合物 Perfluorobutane sulfonic acid hydrate (PFBS-H ₂ O)	59933-66-3	--
108		全氟丁基磺酰氟 1-Butanesulfonyl fluoride, 1,1,2,2,3,3,4,4,4-nonafluoro- (PFBSF)	375-72-4	--
109		全氟丁基磺酰氯 Nonafluoro-1-butanesulfonyl chloride (PFBSCl)	2991-84-6	--
110		全氟丁基磺酸四乙基铵 N,N,N-Triethyl-1-[(1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonyl)oxy]ethan-1-aminium (PFBS-N(CH ₃ CH ₂) ₄)	25628-08-4	--
111		全氟丁基磺酸铵 Ammonium perfluorobutanesulfonate (PFBS-NH ₄)	68259-10-9	--
112		全氟丁基磺酸三苯基铊盐 Triphenylsulfonium nonaflate (PFBS-S(C ₆ H ₅) ₃)	144317-44-2	--
113		全氟丁基磺酸二甲基(苯基)𬀁 Dimethyl (phenyl) sulfonium perfluorobutanesulfonate (PFBS-S(CH ₃) ₂ C ₆ H ₅)	220133-51-7	--
114		全氟丁基磺酸四丁基磷 Tetrabutylphosphorus perfluorobutylsulfonate (PFBS-P(C ₄ H ₉) ₄)	220689-12-3	--
115		全氟丁磺酸吗啉 Morpholinium perfluorobutanesulfonate (PFBS-NC ₄ H ₉ O)	503155-89-3	--
116		1-(4-丁氧基-1-萘基)四氢噻吩全氟丁基磺酸盐 1-(4-butoxy-1-naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate (PFBS-S(C ₄ H ₈)(C ₁₀ H ₆)OC ₄ H ₉)	209482-18-8	--

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117		双(4-叔丁基苯基)碘全氟-1-丁烷磺酸盐 Bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate (PFBS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	194999-85-4	--
118		全氟丁基磺酸二乙醇胺 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFBS-NH(C ₂ H ₅ O) ₂)	70225-18-2	--
119		全氟丁基磺酸四丁基铵 Tetrabutylammonium nonafluorobutanesulfonate (PFBS-N(C ₄ H ₉) ₄)	108427-52-7	--
120		全氟丁基磺酸二苯碘 Diphenyliodonium nonafluorobutane-1-sulfonate (PFBS-I(C ₆ H ₅) ₂)	194999-82-1	--
121		全氟丁基磺酸三(4-叔丁基苯基)鎓 Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₃₀ H ₃₉ S)	241806-75-7	--
122		全氟丁基磺酸(4-环己基苯基)(二苯基)鎓 Sulfonium, (4-cyclohexylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₂₄ H ₂₅ S)	425670-64-0	--
123		全氟丁基磺酸 1-(1-甲基-1H-吡啶-3-基)噻吩-1-鎓 Thiophenium, tetrahydro-1-(1-methyl-1H-indol-3-yl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₁₃ H ₁₆ NS)	867373-18-0	--
124		全氟丁基磺酸 1-乙基-3-甲基吡啶鎓 Pyridinium, 1-ethyl-3-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₈ H ₁₂ N)	1015420-87-7	--
125		全氟丁基磺酸 1-甲基-3-辛基咪唑鎓 1H-Imidazolium, 1-methyl-3-octyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₁₂ H ₂₃ N ₂)	905972-83-0	--
126		全氟丁基磺酸 1-己基-3-甲基咪唑鎓 1H-Imidazolium, 3-hexyl-1-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₁₀ H ₁₉ N ₂)	1001557-05-6	--
127		全氟丁基磺酸 N,N-二甲基-N-(丙-2-基)丙-2-胺 2-Propanaminium, N,N-dimethyl-N-(1-methylethyl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₈ H ₂₀ N)	374571-81-0	--
128		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) Sulfonium, [4-[2-(1,1-dimethylethoxy)-2-oxoethoxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₂₄ H ₂₅ O ₃ S)	857285-80-4	--
129		全氟丁基磺酸 N,N-二丁基-N-甲基丁烷-1-胺(1:1) 1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₁₃ H ₃₀ N)	124472-66-8	--
130		全氟丁基磺酸锌(2:1) 1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1) (PFBS-Zn)	502457-69-4	--
131		全氟丁基磺酸 N,N,N-三丙基戊烷(1:1) 1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanefulfonate (1:1) (PFBS-C ₁₄ H ₃₂ N)	56773-55-8	--
132		全氟丁基磺酸四甲基铵盐 Perfluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH ₃) ₄)	25628-17-5	--
133		全氟丁基磺酸酐 1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, 1,1'-anhydride (PFBSA)	36913-91-4	--
134		全氟丁基磺酸盐 Perfluorobutane sulfonate (anion) (PFBS (anion))	45187-15-3	--
135		全氟丁基磺酸三乙基铵 Triethylammonium perfluorobutane sulfonate (PFBS-C ₆ H ₁₅ N)	182059-38-7	--

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136		N-(2-羟乙基)-N,N-二甲基-1-辛铵全氟-1-丁磺酸盐(1:1) N-(2-Hydroxyethyl)-N,N-dimethyl-1-octanaminium perfluoro-1- butanesulfonate (1:1) (PFBS-C ₁₂ H ₂₈ NO)	334529-55-4	--
137		全氟丁基磺酸 1-十六烷基吡啶鎓 1-Hexadecylpyridinium perfluoro-1-butanefulfonate (PFBS-C ₂₁ H ₃₈ N)	334529-62-3	--
138		全氟丁基磺酸 1-丁基吡啶鎓 1-Butylpyridinium perfluoro-1-butanefulfonate (PFBS-C ₉ H ₁₄ N)	334529-64-5	--
139		N-甲基-N,N-二辛基-1-辛铵全氟-1-丁磺酸盐 N-Methyl-N,N-dioctyl-1- octanaminium perfluoro-1-butanefulfonate (PFBS-C ₂₅ H ₅₄ N)	495417-51-1	--
140		三(4-甲基苯基)磺与全氟-1-丁磺酸的盐(1:1) Sulfonium, tris(4-methylphenyl)-, salt with perfluoro-1-butanefulfonic acid (1:1) (PFBS-C ₂₁ H ₂₁ S)	722538-68-3	--
141	PFHxS 及其盐 PFHxS and its salts	全氟己基磺酸 Perfluorohexanesulfonic acid (PFHxS)	355-46-4	0.010
142		全氟己基磺酸钠 1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-, sodium salt (PFHxS-Na)	82382-12-5	--
143		全氟己基磺酸钾 Potassium perfluorohexane-1-sulphonate (PFHxS-K)	3871-99-6	--
144		全氟己基磺酸锂 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	--
145		全氟己基磺酸锌 1-Hexanesulfonic acid,1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-, zinc salt (PFHxS-Zn)	70136-72-0	--
146		全氟己基磺酸镓盐(9CI) 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	--
147		全氟己基磺酸钪盐(3:1) 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	--
148		全氟己基磺酸钕盐(3:1) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-, neodmium(3+) salt (3:1) (PFHxS-Nd)	41184-65-0	--
149		全氟己基磺酸钇盐(3:1) 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	--
150		全氟己基磺酸铯 Cesium Perfluorohexanesulfonate (PFHxS-Cs)	92011-17-1	--
151		全氟己基磺酸铵 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	--
152		全氟己基磺酰氟 1-Hexanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- (PFHxSF)	423-50-7	--
153		全氟己基磺酰氯 1,1,2,2,3,3,4,4,5,5,6,6,6-Tridecafluorohexane-1-sulphonyl chloride (PFHxS-Cl)	55591-23-6	--
154		全氟己烷磺酸盐 Perfluorohexylsulfonate (PFHxS (anion))	108427-53-8	--
155		(二-4,1-苯撑硫)双二苯基硫与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸 (1:2)的盐 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 ₆ H ₅) ₄ (C ₆ H ₄) ₂)	421555-73-9	--
156		二[4-(1,1-二甲基丙基)苯基]碘与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸 的盐 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 ₆ H ₄) ₂ (C ₅ H ₁₁) ₂)	421555-74-0	--

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157		三[4-(1,1-二甲基乙基)苯基]硫-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯 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 ₆ H ₄) ₃ (C ₄ H ₉) ₃)	425670-70-8	--
158		1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸锌与 N,N-二乙基乙胺(1:1) 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 ₂ H ₅) ₃)	72033-41-1	--
159		二[(1,1-二甲基乙基)苯基]碘与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸的盐(1:1) (9CI) 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 ₆ H ₄) ₂ (C ₄ H ₉) ₂)	866621-50-3	--
160		(4-甲基苯基)二苯基硫-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) 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 ₆ H ₅) ₂ C ₇ H ₇)	910606-39-2	--
161		[4-[(2-甲基-1-氧代-2-丙烯-1-基)氧基]苯基]二苯基硫-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) 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 ₆ H ₅) ₂ C ₁₀ H ₉ O ₂)	911027-68-4	--
162		[4-[(2-甲基-1-氧代-2-丙烯基)氧基]苯基]二苯硫与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸的盐与 2-乙基三环[3.3.1.1 ^{3,7}]癸-2-甲基-2-丙烯酸酯、3-羟基三环[3.3.1.1 ^{3,7}]癸-2-甲基-2-丙烯酸酯和四氢呋喃-2-甲基-2-丙烯酸酯的聚合物 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[3.3.1.1 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5	--
163		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) 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	--
164		三苯基(苯甲基)膦-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-P(C ₆ H ₅) ₃ C ₇ H ₇)	1000597-52-3	--
165		N,N,N-三丁基-1-丁胺与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸的盐 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 ₄ H ₉) ₄)	108427-54-9	--
166		N,N,N-三乙基乙胺与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸(1:1)的盐 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 ₂ H ₅) ₄)	108427-55-0	--
167		吡咯烷与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸(1:1)的盐 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with pyrrolidine (1:1) (PFHxS-NC ₄ H ₉)	1187817-57-7	--
168		三苯基硫-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-S(C ₆ H ₅) ₃)	144116-10-9	--

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169		1-(羧甲基)-4-[2-[4-[4-(2,2-二苯基乙烯基)苯基]-1,2,3,3a,4,8b-六氢旋流器戊烷[b]吡啶-7-基]乙基]喹啉-十三氟-1-己基磺酸酯(1:1) 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 ₂ O ₂)	1462414-59-0	--
170		二苯基碘-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-I(C ₆ H ₅) ₂)	153443-35-7	--
171		N,N,N-三甲基甲胺与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸(1:1)的盐 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	--
172		2-甲基-2-丙胺与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸(1:1)的盐 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	--
173		二[4-(1,1-二甲基乙基)苯基]碘-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) 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 ₆ H ₄) ₂ (C ₄ H ₉) ₂)	213740-81-9	--
174		二(4-甲基苯基)苯基硫-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) 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 ₆ H ₇) ₂ C ₆ H ₅)	341548-85-4	--
175		N-[4-[[4-(二乙氨基)苯基][4-(乙氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-乙基乙胺-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) 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 ₅ H ₄)	1310480-24-0	--
176		N-[4-[[4-(二甲氨基)苯基][4-(乙氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基甲胺-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) 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 ₈ H ₁₀) ₂ C ₁₃ H ₁₂)	1310480-27-3	--
177		N-[4-[[4-(二甲氨基)苯基][4-(苯氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基甲胺-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸酯(1:1) 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 ₈ H ₁₀) ₂ C ₁₇ H ₁₂)	1310480-28-4	--
178		β-环糊精与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸根(1-)(1:1)形成的化合物 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	--
179		γ-环糊精与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸根(1-)(1:1)形成的化合物 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	--
180		2,2'-亚氨基二乙醇与 1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-1-己基磺酸(1:1)形成的化合物 Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1) (PFHxS-NH(C ₂ H ₅ O) ₂)	70225-16-0	--

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181		全氟己基磺酸四丁基磷 Tetrabutylphosphonium perfluorohexane sulfonate (PFHxS-P(C ₄ H ₉) ₄)	2310194-12-6	--
182	PFHpS 及其盐 PFHpS and its salts	全氟庚烷磺酸 Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	0.010
183		全氟庚烷磺酸钠 Perfluoroheptanesulfonate NA-salt (PFHpS-Na)	21934-50-9	--
184		全氟庚烷磺酸钾 Potassium Perfluoroheptanesulfonate (PFHpS-K)	60270-55-5	--
185		全氟庚烷磺酸锂 Lithium perfluoroheptanesulfonate (PFHpS-Li)	117806-54-9	--
186		全氟庚烷磺酸铵 Ammonium perfluoroheptanesulfonate (PFHpS-NH ₄)	68259-07-4	--
187		双(2-羟乙基)全氟庚烷磺酸铵 Bis(2-hydroxyethyl)ammonium perfluoroheptanesulfonate (PFHpS-NH(C ₄ H ₁₁))	70225-15-9	--
188		全氟庚烷磺酸三乙胺 Triethylammonium perfluoroheptane sulfonate (PFHpS-C ₆ H ₁₅ N)	72033-40-0	--
189		全氟庚烷磺酸四乙基胺 Tetraethylammonium perfluoroheptane sulfonate (PFHpS-C ₈ H ₂₀ N)	439863-97-5	--
190		全氟庚烷磺酸酐 Perfluoroheptane sulfonic anhydride (PFHpSA)	140429-92-1	--
191		全氟庚烷磺酸盐 Perfluoroheptane sulfonate (anion) (PFHpS (anion))	146689-46-5	--
192		全氟庚烷磺酰氟 Perfluoroheptanesulphonyl fluoride (PFHpS-F)	335-71-7	--
193	PFUnDA 及其 盐 PFUnDA and its salts	全氟十一烷酸 Perfluoroundecanoic acid (PFUnDA)	2058-94-8	0.010
194		全氟十一烷酸钠 Sodium perfluoroundecanoate (PFUnDA-Na)	60871-96-7	--
195		全氟十一烷酸钾 Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8	--
196		全氟十一烷酸钙 Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2	--
197		全氟十一烷酸铵 Ammonium perfluoroundecanoate (PFUnDA-NH ₄)	4234-23-5	--
198		全氟十一烷酸盐 Perfluoroundecanoate (anion) (PFUnDA (anion))	196859-54-8	--
199	PFDODA 及其 盐 PFDODA and its salts	全氟十二烷酸 Perfluorododecanoic acid (PFDODA)	307-55-1	0.010
200		全氟十二烷酸钠 Sodium perfluoro-n-dodecanoic acid (PFDODA-Na)	307-67-5	--
201		全氟十二烷酸铵 Ammonium tricosafuorododecanoate (PFDODA-NH ₄)	3793-74-6	--
202		全氟十二烷酸盐 Perfluorododecanoate (anion) (PFDODA (anion))	171978-95-3	--
203	PFTrDA 及其盐 PFTrDA and its salts	全氟十三烷酸 Perfluorotridecanoic acid (PFTrDA)	72629-94-8	0.010
204		全氟十三烷酸钠 Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7	--
205		全氟十三烷酸铵 Ammonium perfluorotridecanoate (PFTrDA-NH ₄)	4288-72-6	--
206		全氟十三烷酸盐 Perfluorotridecanoate (anion) (PFTrDA (anion))	862374-87-6	--
207	PFTeDA 及其 盐 PFTeDA and its salts	全氟十四烷酸 Perfluorotetradecanoic acid (PFTeDA)	376-06-7	0.010
208		全氟十四烷酸盐 Perfluorotetradecanoate (anion) (PFTeDA (anion))	365971-87-5	--
209	PFDS 及其盐 PFDS and its salts	全氟癸烷磺酸 Henicosafuorodecanesulphonic acid (PFDS)	335-77-3 126105-34-8	0.010
210		全氟癸烷磺酸钠 Perfluorodecanesulfonate NA-salt (PFDS-Na)	2806-15-7	--
211		全氟癸烷磺酸钾 Perfluorodecanesulfonate K-salt (PFDS-K)	2806-16-8	--
212		全氟癸烷磺酸铵 Ammonium henicosafuorodecanesulphonate (PFDS-NH ₄)	67906-42-7	--
213		全氟癸烷磺酸酐 Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0	--
214		全氟癸烷磺酰氟 Perfluorodecanesulphonyl fluoride (PFDS-F)	307-51-7	--
215	6:2 FTS 及其盐 6:2 FTS and its	1H,1H,2H,2H-全氟辛磺酸 1H,1H,2H,2H-Perfluoro-octane-sulphonic acid (6:2 FTS)	27619-97-2	0.010

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216	salts	1H,1H,2H,2H-全氟辛磺酸钠 1H,1H,2H,2H-Perfluoro-octane-sulphonic acid sodium salt (6:2 FTS-Na)	27619-94-9	--
217		1H,1H,2H,2H-全氟辛磺酸钾 1H,1H,2H,2H-Perfluoro-octane-sulphonic acid potassium salt (6:2 FTS-K)	59587-38-1	--
218		1H,1H,2H,2H-全氟辛磺酸铵 1H,1H,2H,2H-Perfluoro-octane-sulphonic acid ammonium salt (6:2 FTS-NH ₄)	59587-39-2	--
219		1-辛烷磺酸,3,3,4,4,5,5,6,6,7,7,8,8-三氟-钡盐(2:1) 1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8-tridecafluoro-,barium salt (2:1) (6:2 FTS-Ba ²⁺)	1807944-82-6	--
220		1H,1H,2H,2H-全氟辛磺酸盐 2-(Perfluorohexyl)ethane-1-sulfonate (6:2 FTS (anion))	425670-75-3	--
221		1H,1H,2H,2H-全氟辛磺酰氯 2-(Perfluorohexyl)ethanesulfonyl chloride (6:2 FTS-Cl)	27619-89-2	--
222	PFBA 及其盐 PFBA and its salts	全氟正丁酸 Perfluoro-butanoic acid (PFBA)	375-22-4	0.010
223		七氟丁酸钠 Sodium heptafluorobutyrate (PFBA-Na)	2218-54-4	--
224		全氟丁酸钾 Potassium heptafluorobutanoate (PFBA-K)	2966-54-3	--
225		全氟丁酸锂 Lithium perfluorobutanoate (PFBA-Li)	4146-76-3	--
226		全氟丁酸银 Silver perfluorobutanoate (PFBA-Ag)	3794-64-7	--
227		全氟丁酸铵 Ammonium perfluorobutanoate (PFBA-NH ₄)	10495-86-0	--
228		七氟丁酸哌嗪(1:1) Heptafluorobutanoic acid-piperazine (1:1) (PFBA-C ₄ H ₁₀ N ₂)	375-04-2	--
229		全氟丁酸盐 Perfluorobutanoate (anion) (PFBA (anion))	45048-62-2	--
230		全氟丁酸 4-氯重氮苯六氟磷酸盐 4-Chlorobenzenediazonium perfluorobutanoate perfluorobutanoic acid (1:1:1) (PFBA-C ₆ H ₄ ClF ₆ N ₂ P)	630-31-9	--
231		全氟正丁酸苯基哌嗪 Heptafluorobutanoic acid-1-phenylpiperazine (1:1) (PFBA-C ₁₀ H ₁₄ N ₂)	2263-11-8	--
232		全氟正丁酸酐 Perfluorobutanoic anhydride (PFBA-A)	336-59-4	--
233		全氟正丁酸钙 Heptafluorobutanoic acid calcium salt (PFBA-Ca)	2366-98-5	--
234		全氟正丁酸铑 Rhodium(II) perfluorobutyrate dimer (PFBA-Rh)	73755-28-9	--
235		全氟正丁酸氯 Heptafluorobutyryl Chloride (PFBA-Cl)	375-16-6	--
236		全氟正丁酸氟 Perfluorobutanoyl fluoride (PFBA-F)	335-42-2	--
237	PFPeA 及其盐 PFPeA and its salts	全氟正戊酸 Perfluoropentanoic acid (PFPeA)	2706-90-3	0.010
238		全氟戊酸钠 Sodium perfluorovalerate (PFPeA-Na)	2706-89-0	--
239		全氟戊酸钾 Potassium nonafluoropentanoate (PFPeA-K)	336-23-2	--
240		全氟戊酸锂 Lithium perfluoropentanoate (PFPeA-Li)	198482-22-3	--
241		全氟戊酸银 Silver perfluoropentanoate (PFPeA-Ag)	2795-30-4	--
242		全氟戊酸铵 Ammonium perfluoropentanoate (PFPeA-NH ₄)	68259-11-0	--
243		全氟戊酸苄基硫脲 Nonafluoropentanoic acid-1-benzylthiourea (1:1) (PFPeA-C ₈ H ₁₀ N ₂ S)	64808-55-5	--
244		全氟戊酸酐 Perfluoropentanoic anhydride (PFPeA-A)	308-28-1	--
245		全氟戊酸盐 Perfluoropentanoate (anion) (PFPeA (anion))	45167-47-3	--
246		全氟正戊酸氯 Nonafluoropentanoyl chloride (PFPeA-Cl)	375-60-0	--
247		全氟正戊酸氟 Perfluoropentanoyl fluoride (PFPeA-F)	375-62-2	--
248	PFNA 及其盐	全氟壬酸 Perfluorononanoic acid (PFNA)	375-95-1	0.010
249	PFNA and its	全氟壬酸钠 Sodium heptadecafluorononanoate (PFNA-Na)	21049-39-8	--

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250	salts	全氟壬酸钾 Potassium perfluorononanoate (PFNA-K)	21049-38-7	--
251		全氟壬酸锂 Lithium heptadecafluorononanoate (PFNA-Li)	60871-92-3	--
252		全氟壬酸银 Silver perfluorononanoate (PFNA-Ag)	7358-16-9	--
253		全氟壬酸铵 Perfluorononanoate ammonium salt (PFNA-NH ₄)	4149-60-4	--
254		全氟壬酸环己胺 Cyclohexanaminium perfluorononanoate (PFNA-NH(C ₆ H ₁₂))	328531-06-2	--
255		全氟壬酸哌啶 Piperidinium perfluorononanoate (PFNA-NH(C ₅ H ₁₁))	95682-66-9	--
256		全氟壬酸甲胺 Methanaminium perfluorononanoate (PFNA-NH ₃ (CH ₃))	77032-23-6	--
257		全氟壬酸-N-乙基乙胺(1:1) 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 ₂ H ₅) ₂)	77032-27-0	--
258		全氟壬酸-N-甲基甲胺(1:1) 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	--
259		全氟壬酸-N,N-二乙基乙酰胺(1:1) (9CI) Nonanoic acid, heptadecafluoro-,compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	327176-80-7	--
260		全氟壬酸-苯胺(1:1) 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 ₆ H ₅))	95682-67-0	--
261		全氟壬酸磺胺甲氧基吡嗪 4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C ₁₁ H ₁₂ N ₄ O ₃ S)	298703-33-0	--
262		全氟壬酸酐 Perfluorononanoic anhydride (PFNAA)	228407-54-3	--
263		全氟壬酸盐 Perfluorononanoate (anion) (PFNA (anion))	72007-68-2	--
264		全氟壬酰氯 Perfluorononanoic chloride (PFNA-Cl)	52447-23-1	--
265		全氟壬酸氟 Heptadecafluorononanoic fluoride (PFNA-F)	558-95-2	--
266	PFDA 及其盐 PFDA and its salts	全氟癸酸 Perfluorodecanoic acid (PFDA)	335-76-2	0.010
267		全氟癸酸钠 Sodium nonadecafluorodecanoate (PFDA-Na)	3830-45-3	--
268		全氟癸酸钾 Potassium perfluorodecanoate (PFDA-K)	51604-85-4	--
269		全氟癸酸锂 Lithium perfluorodecanoate (PFDA-Li)	84743-32-8	--
270		全氟癸酸银 Silver perfluorodecanoate (PFDA-Ag)	5784-82-7	--
271		全氟癸酸铵 Perfluorodecanoate ammonium salt (APFDA)	3108-42-7	--
272		全氟癸酸酐 Perfluorodecanoic anhydride (PFDA)	942199-24-8	--
273		全氟癸酸盐 Perfluorodecanoate (anion) (PFDA (anion))	73829-36-4	--
274		全氟癸酰氯 Nonadecafluorodecanoyl chloride (PFDA-Cl)	307-38-0	--
275		全氟-3,7-二甲基辛酸 Perfluoro-3,7-dimethyloctanoic acid (PF-3,7-DMOA)	172155-07-6	0.010
276	HPFHpA 及其 盐 HPFHpA and its salts	7H-十二氟庚酸 7H-Dodecafluoro heptanoic acid (HPFHpA)	1546-95-8	0.010
277		7H-十二氟庚酸钠 Sodium 7H-perfluoroheptanoate (HPFHpA-Na)	2264-25-7	--
278		2,2,3,3,4,4,5,5,6,6,7,7-十二氟庚酸铵 Ammonium 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate (HPFHpA-NH ₄)	376-34-1	--
279		7H-十二氟庚酸盐 7H-Perfluoroheptanoate (HPFHpA (anion))	69681-35-2	--
280		7H-十二氟庚酰氯 7H-Perfluoroheptanoyl chloride (HPFHpA-Cl)	41405-35-0	--
281		7H-十二氟庚酸氟 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoyl fluoride (HPFHpA-F)	5927-65-1	--
282	--	2H,2H-全氟癸酸 2H,2H-Perfluorodecanoate (H ₂ PFDA)	27854-31-5	0.010
283	--	四丁基磷 2H,2H-全氟癸酸酯 Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (H ₂ PFDA-P(C ₄ H ₉) ₄)	882489-14-7	0.010

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284	H ₄ PFUnA 及其 盐 H ₄ PFUnA and its salts	2H,2H,3H,3H-全氟十一酸 2H,2H,3H,3H-Perfluoroundecanoic acid (H ₄ PFUnA)	34598-33-9	0.010
285		3-(全氟辛基)丙酸钾 Potassium 3-(perfluorooctyl)propanoate (H ₄ PFUnA-K)	83310-58-1	--
286		2H,2H,3H,3H-全氟十一酸锂 Lithium 3-(perfluorooctyl)propanoate (H ₄ PFUnA-Li)	67304-23-8	--
287	--	1H,1H,2H,2H-全氟-1-己醇 1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	0.200
288	--	1H,1H,2H,2H-全氟-1-辛醇 1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	0.200
289	--	1H,1H,2H,2H-全氟辛醇丙烯酸酯 1H,1H,2H,2H-Perfluoro octyl acrylate (6:2 FTA)	17527-29-6	0.200
290	--	1H,1H,2H,2H-全氟-1-十二醇 1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	0.200
291	--	1H,1H,2H,2H-全氟十二烷基丙烯酸酯 1H,1H,2H,2H-Tetrahydroperfluorododecyl acrylate (10:2 FTA)	17741-60-5	0.200
292	HFPO 及其盐 HFPO and its salts	2,3,3,3-四氟-2-(七氟丙氧基)丙酸 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoic acid (HFPO)	13252-13-6	0.050
293		2,3,3,3-四氟-2-(七氟丙氧基)丙酸钾 Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate (HFPO-K)	67118-55-2	--
294		2,3,3,3-四氟-2-(七氟丙氧基)丙酸钠 Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate (HFPO-Na)	67963-75-1	--
295		2,3,3,3-四氟-2-(七氟丙氧基)丙酸铵 Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, ammoniumsalt (HFPO-NH ₄)	62037-80-3	--
296		2,3,3,3-四氟-2-(七氟丙氧基)丙酰氟 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride (HFPO-F)	2062-98-8	--
297		2,3,3,3-四氟-4-(七氟丙氧基)丙酸三乙胺 Triethylaminium perfluoro-2-propoxypropanoate (HFPO-(C ₂ H ₅) ₃ N)	165951-18-8	--
298		2,3,3,3-四氟-5-(七氟丙氧基)丙酸二丙胺 2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid-N-propylpropan-1-amine(1/1) (HFPO-C ₆ H ₁₅ N)	165951-17-7	--
299		2,3,3,3-四氟-6-(七氟丙氧基)丙酸磺胺甲氧基哒嗪 4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate (HFPO-C ₁₁ H ₁₂ N ₄ O ₃ S)	298703-31-8	--
300		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 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 ₃ NO ₂)	2412106-69-3	--
301		2,3,3,3-四氟-2-(七氟丙氧基)丙酸盐 Perfluoro(2-propoxypropanoate) (HFPO (anion))	122499-17-6	--
302		2,3,3,3-四氟-2-(七氟丙氧基)-, (+)-丙酸(+)- Perfluoro(2-propoxypropionic) acid (HFPO(+))	75579-39-4	--
303		2,3,3,3-四氟-2-(七氟丙氧基)-, (-)-丙酸(-)- Perfluoro(2-propoxypropionic) acid (HFPO(-))	75579-40-7	--
304	PFODA 及其盐	全氟正十八酸 Perfluorooctadecanoic acid (PFODA)	16517-11-6	0.010
305	PFODA and its salts	全氟正十八酸盐 Perfluorooctadecanoate anion (PFODA (anion))	798556-82-8	--
306	PFHxDA 及其	全氟正十六酸 Perfluoropalmitic acid (PFHxDA)	67905-19-5	0.010

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307	盐 PFHxDA and its salts	全氟正十六酸盐 Hentriacontafluorohexadecanoate anion (PFHxDA (anion))	1214264-30-8	--
308	--	1H,1H,2H,2H-全氟辛基甲基丙烯酸酯 1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMAC)	2144-53-8	0.200
309	N-Me-FOSAA 及其盐 N-Me-FOSAA and its salts	N-(十七氟辛基磺酰基)-N-甲基甘氨酸 N-Methyl perfluorooctanesulfonamidoacetic acid (N-Me-FOSAA)	2355-31-9	0.050
310		N-(十七氟辛基磺酰基)-N-甲基甘氨酸钾 Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)	70281-93-5	--
311		N-(十七氟辛基磺酰基)-N-甲基甘氨酸盐 2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA (anion))	909405-48-7	--
312	N-Et-FOSAA 及其盐 N-Et-FOSAA and its salts	N-乙基-N-((十七氟辛基)磺酰基)甘氨酸 N-ethyl-N-[(heptadecafluorooctyl)sulphonyl] glycine (N-Et-FOSAA)	2991-50-6	0.050
313		N-乙基-N-[(十七烷氟辛基)磺酰基]-甘氨酸钾盐 Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)	2991-51-7	--
314		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸钠 Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)	3871-50-9	--
315		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸铵 Ammonium 2-(N-ethylperfluorooctanesulfonamido) acetate (N-Et-FOSAA-NH ₄)	2991-52-8	--
316		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸盐 2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA (anion))	909405-49-8	--
317	4:2 FTS 及其盐 4:2 FTS and its salts	1H,1H,2H,2H-全氟己烷磺酸 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2 FTS)	757124-72-4	0.200
318		1H,1H,2H,2H-全氟己烷磺酸钠 1H,1H,2H,2H-Perfluorohexanesulfonic acid sodium (4:2 FTS-Na)	27619-93-8	--
319		1H,1H,2H,2H-全氟己烷磺酸盐 4:2 Fluorotelomer sulfonate (4:2 FTS (anion))	414911-30-1	--
320	10:2 FTS 及其 盐 10:2 FTS and its salts	1H,1H,2H,2H-全氟十二烷磺酸 1H,1H,2H,2H-Perfluorododecanesulphonicacid (10:2 FTS)	120226-60-0	0.200
321		1H,1H,2H,2H-全氟十二烷磺酸钠 1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium (10:2 FTS-Na)	108026-35-3	--
322		1H,1H,2H,2H-全氟十二烷磺酰氯 2-(Perfluorodecyl)ethane-1-sulfonyl chloride (10:2 FTS-Cl)	27619-91-6	--
323	11H-PFUnDA 及其盐 11H-PFUnDA and its salts	11H-全氟十一烷酸 11H-Perfluoroundecanoic acid (11H-PFUnDA)	1765-48-6	0.010
324		11H-全氟十一烷酸钾 Potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11- icosafuoroundecanoate (11H-PFUnDA-K)	307-71-1	--
325		11H-全氟十一烷酸铵 Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11- icosafuoroundecanoate (11H-PFUnDA-NH ₄)	5081-02-7	--
326		11H-全氟十一烷酸盐 11H-Perfluoroundecanoate (11H-PFUnDA (anion))	69681-37-4	--
327	--	1-碘全氟癸烷 Perfluorodecyl iodide (PFDI)	423-62-1	0.200
328	--	1-碘全氟十二烷 Perfluorododecyl iodide (PFDol)	307-60-8	0.200
329	--	1H,1H,2H,2H-全氟十二烷基碘 1H,1H,2H,2H-perfluorododecyl iodide (10:2 FTI)	2043-54-1	0.200
330	--	1H,1H,2H,2H-全氟十四烷基碘 1H,1H,2H,2H-perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	0.200

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331	--	2-(全氟癸基)乙基甲基丙烯酸酯 2-(Perfluorodecyl)ethyl methacrylate (10:2 FTMA)	2144-54-9	0.200
332	--	1H,1H,2H,2H-全氟-1-十四烷醇 1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	0.200
333	FOSAA 及其盐 FOSAA and its salts	全氟辛烷磺酰氨基乙酸 Glycine, N-[(heptadecafluorooctyl)sulfonyl]- (FOSAA)	2806-24-8	0.010
334		全氟辛烷磺酰氨基乙酸钾 N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)	75260-69-4	--
335		全氟辛烷磺酰氨基乙酸钠 N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)	115716-87-5	--
336		全氟辛烷磺酰氨基乙酸盐 N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA (anion))	909405-47-6	--
337	PFNS 及其盐 PFNS and its salts	全氟壬烷磺酸 Perfluorononane sulfonic acid (PFNS)	68259-12-1	0.010
338		全氟-1-壬烷磺酸钠 Sodium Perfluoro-1-nonanesulfonate (PFNS-Na)	98789-57-2	--
339		全氟壬烷磺酸钾 Perfluorononanesulfonate potassium (PFNS-K)	29359-39-5	--
340		全氟壬基磺酸铵 Ammonium perfluorononanesulfonate (PFNS-NH ₄)	17202-41-4	--
341		全氟壬烷磺酸盐 Perfluorononane sulfonate (anion) (PFNS (anion))	474511-07-4	--
342		全氟壬烷磺酰氟 Perfluorononanesulfonyl fluoride (PFNS-F)	68259-06-3	--
343	--	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 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
344	--	全氟辛基乙烯 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
345	PFUnS 及其盐 PFUnS and its salts	全氟十一烷磺酸 Perfluoroundecane sulfonic acid (PFUnS)	749786-16-1	0.010
346		全氟-1-十一烷磺酸钠 Sodium perfluoro-1-undecanesulfonate (PFUnS-Na)	-	--
347		全氟十一烷磺酸盐 Perfluoroundecanesulfonate (PFUnS (anion))	441296-91-9	--
348	PFTrDS 及其盐 PFTrDS and its salts	全氟-1-十三烷磺酸 Perfluorotridecanesulfonic acid (PFTrDS)	791563-89-8	0.010
349		全氟-1-十三烷磺酸钠 Sodium perfluorotridecanesulfonate (PFTrDS-Na)	174675-49-1	--
350	PFPe 及其盐 PFPe and its salts	全氟戊烷磺酸 1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro- (PFPe)	2706-91-4	0.010
351		全氟-1-戊烷磺酸钠 Sodium perfluoropentanesulfonate (PFPe-Na)	630402-22-1	--
352		全氟戊烷磺钾 Potassium perfluorohexane-1-sulphonate (PFPe-K)	3872-25-1	--
353		全氟戊烷磺酸锂 Lithium perfluoropentane sulfonate (PFPe-Li)	1046864-81-6	--
354		全氟戊烷磺酸铵 Ammonium perfluoropentanesulfonate (PFPe-NH ₄)	68259-09-6	--
355		全氟戊磺酸-双(2-羟乙基)铵 Bis(2-hydroxyethyl) ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate (PFPe-(CH ₂ CH ₂ OH) ₂ NH)	70225-17-1	--
356		全氟戊烷磺酸三乙胺 Triethylammonium perfluoropentane sulfonate (PFPe-C ₆ H ₁₅ N)	72033-42-2	--
357		全氟戊烷磺酸酐 Perfluoropentane sulfonic anhydride (PFPeSA)	161877-72-1	--
358		全氟戊磺酸盐 Perfluoropentane sulfonate (anion) (PFPe (anion))	175905-36-9	--
359	--	全氟己基磺酰胺 1-Hexane-sulfonamide,1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro- (FHxSA)	41997-13-1	0.010
360	PFDoDS 及其	全氟-1-十二烷磺酸 Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	0.010

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361	盐	全氟-1-十二烷磺酸钠 Sodium perfluoro-1-dodecanesulfonate (PFDoS-Na)	1260224-54-1	--
362	PFDoS and its salts	全氟-1-十二烷磺酸钾 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-pentacosafuorododecane-1-sulphonate (PFDoS-K)	85187-17-3	--
363		全氟-1-十二烷磺酸盐 Perfluorododecanesulfonate (PFDoS (anion))	343629-43-6	--
364		全氟癸基三氯硅烷 Perfluorooctylethyltrichlorosilane (FDTs)	78560-44-8	0.200
365	--	全氟癸基三甲氧硅烷 Perfluorooctylethyltrimethoxysilane (FDTMOS)	83048-65-1	0.200
366	--	三氯(3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛基)硅烷 Trichloro(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane (FOTS)	78560-45-9	0.200
367	--	N-甲基全氟己烷磺酰胺 N-methylperfluorohexanesulfonamide (MeFHxSA)	68259-15-4	0.100
368	PFPeDA 及其 盐	全氟十五烷酸 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-nonacosafuoro- (PFPeDA)	141074-63-7	0.010
369	PFPeDA and its salts	全氟十五烷酸盐 Nonacosafuoropentadecanoate (PFPeDA (anion))	1214264-29-5	--
370	--	2-全氟己基乙酸 2-Perfluorohexyl ethanoic acid (6:2 FTCA)	53826-12-3	0.010
371	5:3 FTCA 及其 盐	3-全氟戊基丙酸 3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	0.010
372	5:3 FTCA and its salts	3-全氟戊基丙酸盐 2H,2H,3H,3H-Perfluorooctanoate (5:3 FTCA (anion))	1799325-94-2	--
373	10:2 monoPAPS 及其盐	二十一氟十二烷基磷酸二氢酯 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Henicosafuorododecyl dihydrogen phosphate (10:2 monoPAPS)	57678-05-4	0.200
374	10:2 monoPAPS and its salts	二十一氟十二烷基磷酸二氢酯二铵盐 10:2 Fluorotelomer diammonium dihydrogen phosphate (10:2 monoPAPS-NH ₄ NH ₄)	93857-45-5	--
375		二十一氟十二烷基磷酸二氢酯环己铵盐 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Henicosafuorododecyl dihydrogen phosphate cyclohexylamine	2514858-66-1	--
376		五氟丙酸 Pentafluoropropionate acid (PFPrA)	422-64-0	0.010
377	PFPrA 及其盐 PFPrA and its salts	五氟丙酸钠 Sodium pentafluoropropionate (PFPrA-Na)	378-77-8	--
378		五氟丙酸钾 Potassium pentafluoropropionate (PFPrA-K)	378-76-7	--
379		五氟丙酸银 Silver Pentafluoropropionate (PFPrA-Ag)	509-09-1	--
380		五氟丙酸铵 Ammonium pentafluoropropionate (PFPrA-NH ₄)	2730-58-7	--
381		五氟丙酸盐 Perfluoropropanoate (PFPrA(anion))	44864-55-3	--
382		五氟丙酸苯基哌嗪 Pentafluoropropanoic acid-1-phenylpiperazine (1/1) (PFPrA-C ₁₀ H ₁₄ N ₂)	893-87-8	--
383		五氟丙酸哌嗪 Pentafluoropropanoic acid-piperazine (1/1) (PFPrA-C ₄ H ₁₀ N ₂)	1690-94-4	--
384		五氟丙酸咪唑 Imidazole perfluoropropionic acid salt (PFPrA-C ₃ H ₄ N ₂)	200705-90-4	--
385	--	全氟己基乙烯(Perfluorohexyl)ethylene (PFHE)	25291-17-2	0.200
386	10:2 diPAP 及其 盐	双[2-(全氟癸基)乙基]磷酸酯 Bis[2-(perfluorodecyl)ethyl] Phosphate (10:2 diPAP)	1895-26-7	0.200
387	10:2 diPAP and its salts	2,2'-亚氨基二乙醇双[2-(全氟癸基)乙基]磷酸盐 Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-C ₄ H ₁₁ O ₂)	57677-98-2	--
388	FBSA 及其盐 FBSA and its salts	全氟丁基磺酰胺 Perfluorobutylsulphonamide (FBSA)	30334-69-1	0.010
389		全氟丁基磺酰胺钾 Potassium (perfluorobutanesulfonyl)azanide (FBSA-K)	289042-19-9	--
390		全氟丁基磺酰胺铵盐 Nonafluorobutanesulfonamide ammonia salt (FBSA-NH ₄)	131003-86-6	--
391	TFA 及其盐	三氟乙酸 Trifluoroacetic Acid (TFA)	76-05-1	0.010

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392	TFA and its salts	三氟乙酸钠 Sodium trifluoroacetate (TFA-Na)	2923-18-4	--
393		三氟乙酸钾 Potassium trifluoroacetate (TFA-K)	2923-16-2	--
394		三氟乙酸锂 Lithium Trifluoroacetate (TFA-Li)	2923-17-3	--
395		三氟乙酸汞 Mercury(II) trifluoroacetate (TFA-Hg)	13257-51-7	--
396		三氟乙酸铯 Cesium Trifluoroacetate (TFA-Cs)	21907-50-6	--
397		三氟乙酸铊 Thallium(III) trifluoroacetate (TFA-Tl)	23586-53-0	--
398		三氟乙酸钯 Palladium(II) trifluoroacetate (TFA-Pd)	42196-31-6	--
399		三氟乙酸银 Silver trifluoroacetate (TFA-Ag)	2966-50-9	--
400		三氟乙酸铵 Ammoniumtrifluoroacetate (TFA-NH ₄)	3336-58-1	--
401		三氟乙酸盐 Trifluoroacetate (TFA(anion))	14477-72-6	--
402		三氟乙酸三氟乙酰氧基二甲基硫 Dimethyl[(trifluoroacetyl)oxy]sulfanium trifluoroacetate (TFA-TFADS)	57738-66-6	--
403		三氟乙酸铝 Aluminium tris(trifluoroacetate) (TFA-Al)	36554-89-9	--
404		三氟乙酸钡 Barium bis(trifluoroacetate) (TFA-Ba)	60884-92-6	--
405		三氟乙酸铬 Chromium(3+) tris(trifluoroacetate) (TFA-Cr)	16712-29-1	--
406		三氟乙酸铒 Erbium tris(trifluoroacetate) (TFA-Er)	70236-99-6	--
407		三氟乙酸铕水合物 Europium(3+) trifluoroacetate-water (1/3) (TFA-Eu 3H ₂ O)	94079-71-7	--
408		三氟乙酸铟 Indium trifluoroacetate (TFA-In)	36554-90-2	--
409		三氟乙酸镧 Lanthanum tris(trifluoroacetate) (TFA-La)	70236-92-9	--
410		三氟乙酸镍 Nickel(2+) bis(trifluoroacetate) (TFA-Ni)	16083-14-0	--
411		三氟乙酸铅 Lead(II) trifluoroacetate (TFA-Pb)	4146-73-0	--
412		三氟乙酸铑 Acetic acid, trifluoro-, rhodium(2+) salt (TFA-Rh)	72654-51-4	--
413		三氟乙酸铥 Thulium tris(trifluoroacetate) (TFA-Tm)	70237-00-2	--
414		三氟乙酸镱 AGN-PC-0NI0TK (TFA-Yb)	87863-62-5	--
415		三氟乙酸锌 Zinc bis(trifluoroacetate) (TFA-Zn)	21907-47-1	--
416		三氟乙酸钌 Ruthenium(II) 2,2,2-trifluoroacetate (TFA-Ru)	61612-84-8	--
417		三氟乙酸镁 Magnesium trifluoroacetate (TFA-Mg)	123333-72-2	--
418		三氟乙酸铜 Copper (II) Trifluoroacetate (TFA-Cu)	123333-88-0	--
419	--	七氟丁酰胺 2,2,3,3,4,4,4-heptafluorobutyramide (FBAA)	662-50-0	0.050
420	--	3-全氟庚基丙酸 3-Perfluoroheptylpropanoic acid (7:3 FTCA)	812-70-4	0.010
421	--	2,2,3,3,4,4-六氟-4-(三氟甲氧基)丁酸 Perfluoro-4-methoxybutanoic acid (PFMOBA)	863090-89-5	0.010
422	8:2 monoPAPS 及其盐 8:2 monoPAPS and its salts	十七氟-1-癸醇磷酸二氢酯 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl dihydrogen phosphate (8:2 monoPAPS)	57678-03-2	0.200
423		8:2 氟调聚物磷酸单酯钠盐 Sodium 1H,1H,2H,2H-perfluorodecyl phosphate (8:2 monoPAPS-Na)	92678-93-8	--
424		8:2 氟调聚物磷酸单酯二钠盐 Disodium 1H,1H,2H,2H-perfluorodecylphosphate (8:2 monoPAPS-Na ₂)	438237-75-3	--
425		8:2 氟调聚物磷酸单酯二铵盐 8:2 Fluorotelomer diammonium phosphate (8:2 monoPAPS-NH ₄ NH ₄)	93857-44-4	--
426	--	2H-全氟-2-癸烯酸 2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	0.010
427	--	2H-全氟-2-辛烯酸 2H-Perfluoro-2-octenoic acid (6:2) (6:2 FTUCA)	70887-88-6	0.010

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428	11Cl-PF3OUdS 及其盐 11Cl-PF3OUdS and its salts	11-氯-3-氧杂全氟十一烷磺酸 11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	0.010
429		11-氯-3-氧杂全氟十一烷磺酸钾 Potassium 11-chloroeicosafluoro-3-oxaundecane-1-sulfonate (11Cl-PF3OUdS-K)	83329-89-9	--
430		11-氯-3-氧杂全氟十一烷磺酸盐 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	--
431	33FTA 及其盐 33FTA and its salts	2H,2H,3H,3H-全氟己酸 2H,2H,3H,3H-perfluorohexanoic acid (33FTA)	356-02-5	0.010
432		2H,2H,3H,3H-全氟己酸钠 Sodium 3-(perfluoropropyl)propanoate (33FTA-Na)	1207462-13-2	--
433		2H,2H,3H,3H-全氟己酸盐 3:3 Fluorotelomer carboxylate, ion(1-) (33FTA (anion))	1169706-83-5	--
434	ADONA 及其 盐 ADONA and its salts	4,8-二氧-3H-全氟壬酸 4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	0.010
435		4,8-二氧杂-3H-全氟壬酸钠 Sodium 4,8-dioxa-3H-perfluorononanoate (ADONA-Na)	2250081-67-3	--
436		4,8-二氧-3H-全氟壬酸钾 Potassium 2,2,3-trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA-K)	1087271-46-2	--
437		4,8-二氧杂-3H-全氟壬酸铵 Ammonium 4,8-dioxa-3H-perfluorononanoate (ADONA-NH ₄)	958445-44-8	--
438		4,8-二氧-3H-全氟壬酸盐 2,2,3-Trifluoro-3-[1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy]propanoate (ADONA (anion))	2127366-90-7	--
439	--	2H-全氟-2-十二烯酸 2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	0.010
440	PFEEESA 及其 盐 PFEEESA and its salts	全氟(2-乙氧基乙烷)磺酸 Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	113507-82-7	0.010
441		全氟(2-乙氧基乙烷)磺酸钾 Potassium 1,1,2,2-tetrafluoro-2-(pentafluoroethoxy)ethane-1-sulfonate (PFEEESA-K)	117205-07-9	--
442		全氟(2-乙氧基乙烷)磺酸钠 Sodium 1,1,2,2-tetrafluoro-2-(1,1,2,2-pentafluoroethoxy)ethanesulfonate (PFEEESA-Na)	113507-87-2	--
443	9Cl-PF3ONS 及 其盐 9Cl-PF3ONS and its salts	9-氯-3-氧杂全氟壬烷磺酸 9-chlorohexadecafluoro-3-oxanone-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	0.010
444		9-氯-3-氧杂全氟壬烷磺酸钾 Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate (9Cl-PF3ONS-K)	73606-19-6	--
445		9-氯十六氟-3-氧代壬烷-1-磺酸铵 Ammonium perfluoro-2-[(6-chlorohexyl)oxy]ethane-1-sulfonate (9Cl-PF3ONS-NH ₄)	1383434-28-3	--
446		9-氯-3-氧杂全氟壬烷磺酸盐 Perfluoro(2-[(6-chlorohexyl)oxy]ethanesulfonate) (9Cl-PF3ONS (anion))	1621485-21-9	--
447	PFMPA 及其盐 PFMPA and its salts	2,2,3,3-四氟-3-(三氟甲氧基)丙酸 2,2,3,3-tetrafluoro-3-(trifluoromethoxy)propanoic acid (PFMPA)	377-73-1	0.010
448		2,2,3,3-四氟-3-(三氟甲氧基)丙酸酐 Perfluoro-3-methoxypropanoic anhydride (PFMPAA)	42566-65-4	--
449	--	全氟癸基膦酸 Perfluorodecylphosphonic acid (PFDPA)	52299-26-0	0.010
450	--	全氟-3,6-二氧杂庚酸 Perfluoro-3,6-dioxahexanoic acid (PF-3,6-DOHA)	151772-58-6	0.010
451	--	2H,2H-全氟十二酸 2H,2H-Perfluorododecanoic acid (10:2 FTCA)	53826-13-4	0.010
452	--	3-(全氟正己基)丙醇 3-(Perfluorohexyl)propan-1-ol (6:3 FTOH)	80806-68-4	0.200
453	--	甲基全氟戊基酮 Methyl Perfluorooamyl Ketone (5:2 ketone)	2708-07-8	0.200

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454	--	全氟三丁胺 Perfluorotributylamine (PFTBA)	311-89-7	0.200
455	--	三甲基(十三氟己基)硅烷 Trimethyl(tridecafluorohexyl)silane (TMPFHSI)	135841-49-5	0.200
456	--	2,2,3,3,4,4,4-七氟-1-丁醇 2,2,3,3,4,4,4-heptafluoro-1-butanol (PFBOH)	375-01-9	0.200
457	--	1H,1H-十三氟-1-碘庚烷 1H,1H-Tridecafluoro-1-iodoheptane (PFIH)	212563-43-4	0.200
458	--	1H,1H,2H,2H-全氟辛基三乙氧基硅烷 1H,1H,2H,2H-perfluorooctyltriethoxysilane (PFOTOSI)	51851-37-7	0.200
459	--	乙基全氟正戊酮 Ethyl Undecafluoroamyl Ketone (EtPFPK)	383177-55-7	0.200
460	--	1-溴全氟己烷 1-Bromoperfluorohexane (PFHBr)	335-56-8	0.200
461	--	1H,1H,2H,2H-十三氟碘正辛烷 1H,1H,2H,2H-Perfluorooctyl iodide (PFIO)	2043-57-4	0.200
462	--	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 (N-PFNIETa)	852527-50-5	0.200
463	--	全氟辛烷 Perfluorooctane (PFOct)	307-34-6	0.200
464	--	三甲氧基(3,3,4,4,5,5,6,6,7,7,8,8,8-三氟基)硅烷 Trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane (TMTFSI)	85857-16-5	0.200
465	--	2,2,3,3,4,4,5,5,6,6,6-十一氟己烷-1-醇 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexan-1-ol (5:1 FTOH)	423-46-1	0.200
466	--	3-(全氟正己基)环氧丙烷 3-Perfluorohexyl-1,2-epoxypropane (3-PFH-1,2-HPPO)	38565-52-5	0.200
467	--	1,1,1,2,3,4,4,5,5,5-十氟-3-甲氧基-2-三氟甲基戊烷 1,1,1,2,2,3,4,5,5,5-Decafluoro-3-methoxy-4-(trifluoromethyl)pentane (HFE-7300)	132182-92-4	0.200
468	--	C8-14-全氟烷基乙醇 Alcohols, C8-14, gamma-omega-perfluoro (C8-14-PFEtOH)	68391-08-2	0.200
469	--	全氟庚酰胺 Tridecafluoroheptanamide (TPFHpa)	2358-22-7	0.200
470	--	2-碘-1H,1H,1H,2H,3H,3H-全氟壬烷 1-(Perfluorohexyl)-2-iodopropane (PFNI)	38550-34-4	0.200
471	--	3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛基硫氰酸酯 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl thiocyanate (PFHTh)	26650-09-9	0.200
472	--	4,4,5,5,6,6,7,7,8,8,9,9,9-十三氟壬基碘化物 4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (TFNI)	89889-20-3	0.200
473	--	3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟-1-辛硫醇 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctane-1-thiol (PFOctSOH)	34451-26-8	0.200
474	--	1H,1H,2H,2H-全氟辛基二甲基氯硅烷 1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (PFODMeCLSI)	102488-47-1	0.200
475	--	三乙氧基[5,5,6,6,7,7,7-七氟-4,4-双(三氟甲基)庚基]硅烷 Triethoxy[5,5,6,6,7,7,7-heptafluoro-4,4-bis(trifluoromethyl)heptyl]silane (EtPFMHepSI)	130676-81-2	0.200
476	--	3,3,4,4,5,5,6,6,7,7,7-十一氟-2-庚醇 3,3,4,4,5,5,6,6,7,7,7-Undecafluoroheptan-2-ol (5:2sFTOH)	914637-05-1	0.200
477	--	1H,1H-十三氟-1-庚醇 1H,1H-Perfluoro-1-heptanol (PFHepOH)	375-82-6	0.200
478	--	4-(3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛基)苄醇 4-(3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl)benzyl alcohol (4-PFOBA)	356055-76-0	0.200
479	--	2-全氟辛基乙基乙酸酯 1H,1H,2H,2H-Perfluorodecyl acetate (8:2FTOAc)	37858-04-1	0.200
480	--	双(1,1,1,2,2,3,3,4,4-九氟-1-丁烷磺酰)二酰亚胺 Bis(1,1,1,2,2,3,3,4,4-nonafluoro-1-butaneulfonyl)imide (BIS-PFBSI)	39847-39-7	0.010

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481	--	N-[羧甲基-N,N-二甲基-3-[(3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟代辛基)磺酰胺基]丙基]铵内盐 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
482	--	多氟烷基氧化胺型表面活性剂 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
483	--	全氟-2-三氟甲氧基乙酸 2,2-difluoro-2-(trifluoromethoxy)acetic acid (PFMOAA)	674-13-5	0.010
484	--	双(2-全氟辛基磺酰基-N-氨基)磷酸 Bis[2-[N-ethyl(heptadecafluorooctanesulphonyl)amino]ethyl]hydrogen phosphate (EtFOSEdiPAPs)	2965-52-8	0.050
485	--	2H,2H,3H,3H-全氟壬酸 2H,2H,3H,3H-Perfluorononanoic acid (6:3 FTCA)	27854-30-4	0.010
486	Cheminox FHP 2OH(PFHEPA) 及其盐	全氟己基乙基膦酸 Perfluorohexyl ethylphosphonic acid (Cheminox FHP 2OH(PFHEPA))	252237-40-4	0.010
487	Cheminox FHP 2OH(PFHEPA) and its salts	全氟己基乙基膦酸钠 Tridecafluorooctyl-phosphonic acid sodium salt (1:1) (Cheminox FHP 2OH-Na(PFHEPA-Na))	1189052-95-6	--
488	6:2monoPAPs 及其盐	单[2-(全氟己基)乙基]磷酸酯 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
489		6:2 磷酸氟调聚物单酯钠盐 Sodium 1H,1H,2H,2H-Perfluorooctylphosphate (6:2monoPAPs-Na)	144965-22-0	--
490		6:2 磷酸氟调聚物单酯钾盐 Monopotassium monoperfluorohexyl ethylphosphate (6:2monoPAPs-K)	150033-28-6	--
491		6:2 磷酸氟调聚物单酯铵盐 Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate (6:2monoPAPs-NH ₄)	2353-52-8	--
492		6:2 磷酸氟调聚物单酯单铵盐 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt (6:2monoPAPs-NH ₄ (-))	92401-44-0	--
493		6:2 磷酸氟调聚物单酯二铵盐 Diammonium 6:2 fluorotelomer phosphate monoester (6:2monoPAPs-NH ₄ NH ₄)	1000852-37-8	--
494	--	全氟-3,6-二氧庚酸 Perfluoro-3,6-dioxaoctanoic acid (PF-3,6-DOOA)	80153-82-8	0.010
495	--	2-(1-甲基乙基)-4-噻唑甲胺 Perfluoro-3,6-dioxo-4-methyl-7-octenesulfonic acid (PFESA BP1)	29311-67-9	0.010
496	--	7H-全氟-3,6-二氧-4-甲基辛烷-1-磺酸 7H-Perfluoro-4-methyl-3,6-dioxaoctanesulfonic acid (PFESA BP2)	749836-20-2	0.010
497	--	反式-1,2-双(全氟己基)乙烯 trans-1,2-Bis(perfluorohexyl)ethylene ((7E)-BIS-PFHE)	51249-67-3	0.200
498	--	1H-全氟-1-辛炔 1H-Perfluorooct-1-yne (PF-n-HA)	55756-24-6	0.200
499	--	1-(全氟己基)辛烷 1-(Perfluorohexyl)octane (MIEBO)	133331-77-8	0.200
500	--	全氟己基乙烷(Perfluoro-n-hexyl)ethane (TFHE)	80793-17-5	0.200
501	--	1H,1H-全氟己胺 1H,1H-Perfluorohexylamine (UFHA)	355-34-0	0.200
502	--	1H,1H-全氟庚基胺 1H,1H-Perfluoroheptylamine (TFHA)	423-49-4	0.200
503	--	全氟己基碘烷 Perfluoro-1-iodohexane (PFHI)	355-43-1	0.200
504	--	N-[3-(二甲基氨基)丙基]十三氟己磺酰胺 N-(3-(Dimethylamino)propyl) perfluorohexane sulfonamide (N-AP-FHxSA)	50598-28-2	0.010

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序号 No.	组名 Group Name	物质名称 Substance Name(s)	CAS No.	方法检出 限 MDL (mg/kg)
505	--	丙烯酸(N-甲基全氟己基磺酰胺基)乙酯 (N-Methylperfluorohexanesulfonamido)ethyl acrylate (N-MeFHxSA-EA)	67584-57-0	0.200
506	6:6 PFPI 及其盐 6:6 PFPI and its salts	6:6 全氟次膦酸 Bis(tridecafluorohexyl)phosphinic acid (6:6 PFPI)	40143-77-9	0.010
507		6:6 全氟次膦酸钠 Sodium bis(perfluorohexyl)phosphinate (6:6 PFPI-Na)	70609-44-8	--
508		6:6 全氟次膦酸铈 Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt (6:6 PFPI-Yb)	500776-72-7	--
509		6:6 全氟次膦酸铒 Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (6:6 PFPI-Er)	500776-73-8	--
510	TFMS 及其盐 TFMS and its salts	三氟甲基磺酸 Trifluoromethanesulfonic acid (TFMS)	1493-13-6	0.010
511		三氟甲基磺酸钠 Sodium trifluoromethanesulfonate (TFMS-Na)	2926-30-9	--
512		三氟甲基磺酸钾 Potassium trifluoromethanesulfonate (TFMS-K)	2926-27-4	--
513		三氟甲基磺酸镁 Magnesium trifluoromethanesulfonate (TFMS-Mg)	60871-83-2	--
514		三氟甲基磺酸银 Silver trifluoromethanesulfonate (TFMS-Ag)	2923-28-6	--
515		三氟甲基磺酸锂 Lithium trifluoromethanesulfonate (TFMS-Li)	33454-82-9	--
516		三氟甲基磺酸铁 Iron(III) trifluoromethanesulfonate (TFMS-Fe)	63295-48-7	--
517		三氟甲基磺酸钇 Yttrium(III) trifluoromethanesulfonate (TFMS-Y)	52093-30-8	--
518		三氟甲基磺酸锡 Stannous(II) trifluoromethanesulfonate (TFMS-Sn)	62086-04-8	--
519		三氟甲基磺酸镍 Nickel(II) trifluoromethanesulfonate (TFMS-Ni)	60871-84-3	--
520		三氟甲基磺酸铈(III) Cerium(III) trifluoromethanesulfonate (TFMS-Ce ³⁺)	76089-77-5	--
521		三氟甲基磺酸铈(IV) Cerium(IV) trifluoromethanesulfonate (TFMS-Ce ⁴⁺)	107792-63-2	--
522		三氟甲基磺酸锌 Zinc(II) trifluoromethanesulphonate (TFMS-Zn)	54010-75-2	--
523		三氟甲基磺酸钡 Barium(II) trifluoromethanesulphonate (TFMS-Ba)	2794-60-7	--
524		三氟甲基磺酸铜 Copper(II) trifluoromethanesulphonate (TFMS-Cu)	34946-82-2	--
525		三氟甲基磺酸钪 Scandium(III) trifluoromethanesulfonate (TFMS-Sc)	144026-79-9	--
526		三氟甲基磺酸酐 Trifluoromethanesulfonic anhydride (TFMSA)	358-23-6	--
527		三氟甲基磺酸镧 Lanthanum tris(trifluoromethanesulfonate) (TFMS-La)	52093-26-2	--
528		三氟甲基磺酸汞 Mercury(II) trifluoromethanesulfonate (TFMS-Mg)	49540-00-3	--
529		三氟甲基磺酸镝 Dysprosium(III) trifluoromethanesulfonate (TFMS-Dy)	139177-62-1	--
530		三氟甲基磺酸铈 Ytterbium(3+) tris(trifluoromethanesulfonate) (TFMS-Yb)	54761-04-5	--
531		三氟甲基磺酸锰 Trifluoromethanesulfonic acid-manganese (2/1) (TFMS-Mn)	55120-76-8	--
532		三氟甲基磺酸镨 Lutetium(III) trifluoromethanesulfonate (TFMS-Lu)	126857-69-0	--
533		三氟甲基磺酸铽 Terbium(III) trifluoromethanesulfonate (TFMS-Tb)	148980-31-8	--
534		三氟甲基磺酸五氟苯胺 Pentafluoroanilinium trifluoromethanesulfonate (TFMS-C ₆ H ₂ F ₅ N)	912823-79-1	--
535		三氟甲基磺酸钕 Neodymium(III) trifluoromethanesulfonate (TFMS-Nd)	34622-08-7	--
536		三氟甲基磺酸钐 Samarium(III) trifluoromethanesulfonate (TFMS-Sm)	52093-28-4	--
537		三氟甲基磺酸铵 Ammonium trifluoromethanesulfonate (TFMS-NH ₄)	38542-94-8	--
538		三氟甲基磺酸钬 Holmium tris(trifluoromethanesulfonate) (TFMS-Ho)	139177-63-2	--
539		三氟甲基磺酸盐 Trifluoromethanesulfonate (TFMS (anion))	37181-39-8	--
540		三氟甲基磺酸铟 Indium(III) trifluoromethanesulfonate (TFMS-In)	128008-30-0	--
541		三氟甲基磺酸镨 Praseodymium(III) trifluoromethanesulfonate (TFMS-Pr)	52093-27-3	--
542		三氟甲基磺酸铋 Bismuth(III) trifluoromethanesulfonate (TFMS-Bi)	88189-03-1	--
543		三氟甲基磺酸铕 Europium trifluoromethanesulfonate (TFMS-Eu)	52093-25-1	--
544		三氟甲基磺酸铒 Erbium(III) trifluoromethanesulfonate (TFMS-Er)	139177-64-3	--

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序号 No.	组名 Group Name	物质名称 Substance Name(s)	CAS No.	方法检出限 MDL (mg/kg)
545		三氟甲基磺酸镓 Gallium(III) trifluoromethanesulfonate (TFMS-Ga)	74974-60-0	--
546		三氟甲基磺酸铥 Thulium(III) trifluoromethanesulfonate (TFMS-Tm)	141478-68-4	--
547		三氟甲基磺酸钙 Methanesulfonic acid, trifluoro-, calcium salt (TFMS-Ca)	55120-75-7	--
548		三氟甲基磺酸铊 AG-G-90691 (TFMS-Tl)	73491-36-8	--
549		双(三氟甲烷)磺酰亚胺 1,1,1-Trifluoro-N-[(trifluoromethyl)sulfonyl]methanesulfonamide (TFSI)	82113-65-3	0.010
550	TFSI 及其盐 TFSI and its salts	双三氟甲烷磺酰亚胺锂 Bistrifluoromethanesulfonimide lithium salt (TFSI-Li)	90076-65-6	--
551		1-正丁基-1-甲基吡咯烷二(三氟甲基磺酰)酰亚胺 1-Butyl-1-methylpyrrolidinium bis(trifluoromethanesulfonyl)imide (TFSI-C ₉ H ₂₀ N)	223437-11-4	--
552		三丁基甲铵双(三氟甲磺酰)亚胺 Bis(trifluoromethylsulfonyl)azanide, tributyl(methyl)ammonium (TFSI-C ₁₃ H ₃₀ N)	405514-94-5	--
553		1-癸基-3-甲基咪唑双(三氟甲磺酰基)亚胺盐 1-Decyl-3-Methylimidazolium Bis(Trifluoromethylsulfonyl)Imide (TFSI-C ₁₄ H ₂₇ N ₂)	433337-23-6	--

3) 美国环保署有毒物质控制法(TSCA)第 6(h)部分关于持久性、生物累积性和毒性(PBT)化学物质的管 控 Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

十溴二苯醚 Decabromodiphenyl Ether (DecaBDE)

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS
Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

测试项目 Tested Item(s)	结果 Result (mg/kg)		方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001	003		
十溴二苯醚 Decabromodiphenyl Ether (DecaBDE)	N.D.	N.D.	5	1000

备注 Remark:
- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million
- 此限值适用于在产品和物品中非有意添加十溴二苯醚(DecaBDE)的情况, 建议结合供应链确认物质的添加情况。
The limit applies to the situation where Decabromodiphenyl Ether (DecaBDE) is not intentionally added to the product or article. It is recommended to verify the addition of these substances through the supply chain.

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▼ 异丙基化磷酸三苯酯 Phenol, Isopropylated Phosphate (PIP (3:1))

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS

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

测试项目 Tested Item(s)	结果 Result (mg/kg)		方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001	003		
异丙基化磷酸三苯酯 Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	N.D.	5	1000

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million
- 此限值适用于在产品和物品中非有意添加异丙基化磷酸三苯酯(PIP (3:1))的情况, 建议结合供应链确认物质的添加情况。

The limit applies to the situation where Phenol, Isopropylated Phosphate (PIP (3:1)) is not intentionally added to the product or article. It is recommended to verify the addition of these substances through the supply chain.

▼ 2,4,6-三叔丁基苯酚 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS

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

测试项目 Tested Item(s)	结果 Result (mg/kg)		方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001	003		
2,4,6-三叔丁基苯酚 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	N.D.	5	3000

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

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▼ 六氯丁二烯 Hexachlorobutadiene (HCBD)

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS

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

测试项目 Tested Item(s)	结果 Result (mg/kg)		方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001	003		
六氯丁二烯 Hexachlorobutadiene (HCBD)	N.D.	N.D.	5	N.D.

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

▼ 五氯苯硫酚 Pentachlorothiophenol (PCTP)

测试方法: 参考 US EPA 3550C:2007 & US EPA 8270E:2018; 测试仪器: GC-MS

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

测试项目 Tested Item(s)	结果 Result (mg/kg)		方法检出限 MDL (mg/kg)	限值 Limit (mg/kg)
	001	003		
五氯苯硫酚 Pentachlorothiophenol (PCTP)	N.D.	N.D.	5	10000

备注 Remark:

- MDL = 方法检出限 Method Detection Limit
- N.D. = 未检出 Not Detected (小于方法检出限 <MDL)
- mg/kg = ppm = 百万分之一 parts per million

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样品/部位描述 Sample/Part Description

序号 No.	CTI 样品 ID CTI Sample ID	部件序号 Article No.
1	001	1
2	003	5

部件序号 Article No.	同材质序号 Same material No.	描述 Description
1	/	有黑色印字的白色塑料 White plastic with black printing
2	A2250167414101E-2	黑色橡胶 Black rubber
3	A2250167414101E-3	透明胶带 Transparent adhesive tape
4	A2250167414101E-4	棕色纸 Brown paper
5	/	透明黄色液体 Transparent yellow liquid

注释 Note:

- 本报告中的数据结果供科研、教学、企业内部质量控制、企业产品研发等目的用。
The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

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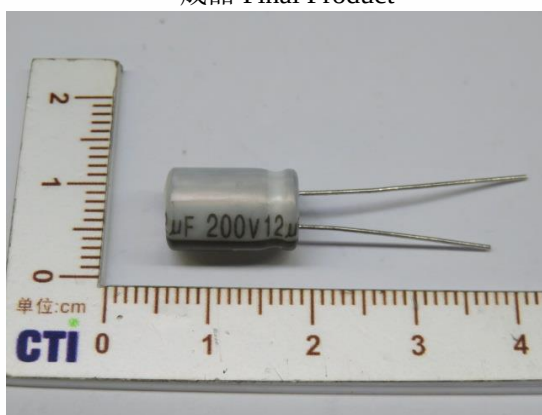
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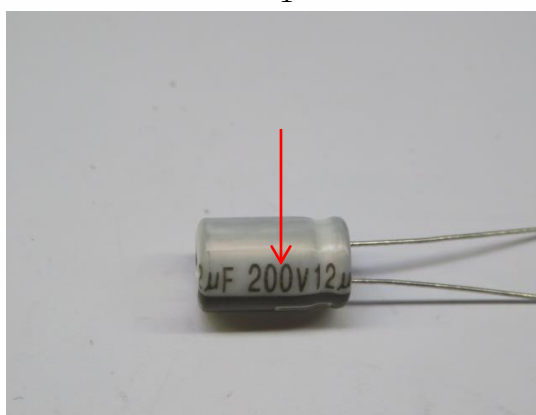
样品图片

Photo(s) of the sample(s)

成品 Final Product



1



2 (客户参考图片 (非测试样品))

Client Reference Photo (Non tested sample))

3 (客户参考图片 (非测试样品))

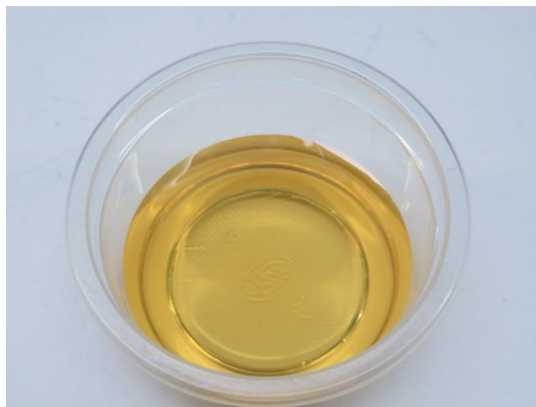
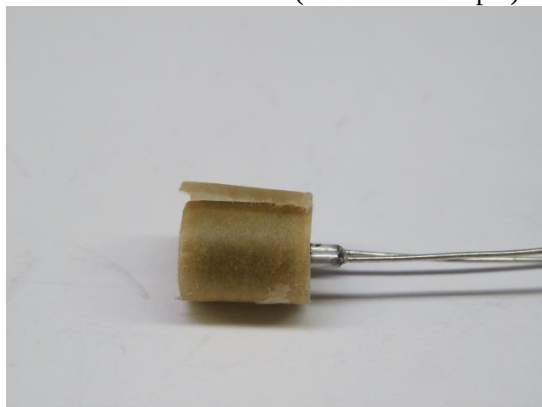
Client Reference Photo (Non tested sample))



4 (客户参考图片 (非测试样品))

Client Reference Photo (Non tested sample))

5



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This report is considered invalid without approved signature, special seal and the seal on the perforation;
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The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. 本报告检测结果仅对受测样品负责;
The result(s) shown in this report refer(s) only to the sample(s) tested;
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*** 报告结束 ***
*** End of Report ***

