检测报告 (PFAS)

客户名称： 江苏王子制纸有限公司

客户地址： 江苏省南通经济技术开发区通达路 18 号

样品名称： 双面铜版纸

以上样品及信息由客户提供。

SGS 工作编号： SUP25-002131

样品接收时间： 2025 年 06 月 13 日

检测周期： 2025 年 06 月 13 日 ~ 2025 年 06 月 20 日

检测要求： 根据客户要求检测。

检测方法： 见后续页。

检测结果： 见后续页。

总结：

545 项全氟和多氟烷基化合物 (PFAS) 含量	通过

通标标准技术服务（上海）有限公司

授权签名

倪俊

Tom Ni 倪俊

批准签署人

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检测样品：

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A1	SHA25-0143994-0001.C001	白色纸

545 项全氟和多氟烷基化合物 (PFAS) 含量

检测方法：
优化的 EN 17681-1:2022 和 EN 17681-2:2022, 采用 LC-MS 或 LC-MS/MS 和 GC-MS 或 GC-MS/MS 进行分析。

检测结果：（PFAS 清单中的物质）

物质名称	CAS No.	A1 浓度 (mg/kg)	MDL (mg/kg)
所有检测清单中的 PFAS	-	ND	-

备注：
(1) 上表仅显示检测到的 PFAS，未报告低于 MDL 的 PFAS。有关已测试的 PFAS 的完整清单，请参阅附录。
(2) MDL= 方法检出限
ND = 未检出(低于 MDL)
(3) 基于客户的检测要求，禁用目标 PFAS。如果 PFAS 被检出，建议参考相关的法规确认 PFAS 的对应要求。
(4) ^=物质是指附录中列出的盐/衍生物。
(5) 结论仅针对报告上的物质清单。
除非另有说明，参照 ILAC-G8:09/2019，使用简单接受（*w*=0）的二元判定规则进行符合性判定。
除非另有说明，此报告结果仅对检测的样品负责。本报告未经本公司书面许可，不可部分复制。
检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的，仅供内部参考。

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附录：

1. 附录：PFAS 及其盐类和衍生物清单

No.	组名	物质名称	CAS No.	MDL (mg/kg)
1	PFOS, 及其盐&衍生物	全氟辛烷磺酸(PFOS)	1763-23-1	0.010
2		全氟辛基磺酸钾(PFOS-K)	2795-39-3	--
3		全氟辛基磺酸锂(PFOS-Li)	29457-72-5	--
4		全氟辛基磺酸钠(PFOS-Na)	4021-47-0	--
5		全氟辛基磺酸铵(PFOS-NH_4)	29081-56-9	--
6		全氟辛基磺酸二乙醇铵(PFOS-$NH_2(C_2H_4OH)_2$)	70225-14-8	--
7		全氟辛基磺酸四乙基铵(PFOS-$N(C_2H_5)_4$)	56773-42-3	--
8		全氟辛基磺酸二癸二甲基铵(PFOS-$N(C_{10}H_{21})_2(CH_3)_2$)	251099-16-8	--
9		全氟辛基磺酸四丁基铵(PFOS-$N(C_4H_9)_4$)	111873-33-7	--
10		全氟辛基磺酰氟(PFOS-F)	307-35-7	--
11		双[十七氟辛烷磺酸]镁(PFOS-Mg)	91036-71-4	--
12		全氟辛烷磺酸哌啶	71463-74-6	--
13		全氟辛烷磺酸盐	45298-90-6	--
14		全氟辛烷磺酸三乙基铵(PFOS-$N(C_2H_5)_3$)	54439-46-2	--
15		全氟辛烷磺酸四甲基铵(PFOS-$N(CH_3)_4$)	56773-44-5	--
16		N, N,N-三丙基戊烷-1-七氟辛烷-1-磺酸铵(PFOS-$N(C_3H_7)_3(C_5H_{11})$)	56773-56-9	--
17		N,N-二丁基-N-甲基丁烷-1-胺十七氟辛烷-1-磺酸酯(PFOS-$N(C_4H_9)_3(CH_3)$)	124472-68-0	--
18		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)	213740-80-8	--
19		全氟-1-辛烷磺酸二苯基(2,4,6-三甲基苯基)锍	258341-99-0	--
20		全氟-1-辛烷磺酸 1-十六烷基吡啶鎓	334529-63-4	--
21		N,N,N-三乙基癸-1-胺十七氟辛烷-1-磺酸盐	773895-92-4	--
22		全氟辛烷磺酸四丁基鏻 (PFOS-P ($C_4H_9)_4$))	2185049-59-4	--
23		全氟辛基磺酸二乙胺 (PFOS-$C_4H_{11}N$)	2205029-08-7	--
24		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-$C_{15}H_{30}NO_2$)	1203998-97-3	--
25		全氟辛基磺酸酐(PFOSAN)	423-92-7	--
26	FOSAA, 及其盐	N-(全氟-1-辛烷磺酰基)甘氨酸(FOSAA)	2806-24-8	0.010
27		全氟辛烷磺酰氨基乙酸盐 (FOSAA(anion))	909405-47-6	--
28		全氟辛烷磺酰氨基乙酸钾 (FOSAA-K)	75260-69-4	--
29		全氟辛烷磺酰氨基乙酸钠 (FOSAA-Na)	115716-87-5	--
30	N-MeFOSAA, 及其盐	N-甲基-N-(全氟-1-辛烷磺酰基)甘氨酸 (N-MeFOSAA)	2355-31-9	0.010
31		N-(十七氟辛基磺酰基)-N-甲基甘氨酸盐 (N-Me-FOSAA(anion))	909405-48-7	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
32		N-(十七氟辛基磺酰基)-N-甲基甘氨酸钾 (N-Me-FOSAA-K)	70281-93-5	--
33	N-EtFOSAA, 及其盐	N-乙基-N-(全氟-1-辛烷磺酰基)甘氨酸(N-EtFOSAA)	2991-50-6	0.010
34		N-乙基-N-[(十七烷氟辛基)磺酰基]-甘氨酸钾盐 (N-Et-FOSAA-K)	2991-51-7	--
35		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸盐 (N-Et-FOSAA(anion))	909405-49-8	--
36		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸铵 (N-Et-FOSAA-NH_4)	2991-52-8	--
37		N-乙基-N-((十七氟辛基)磺酰基)甘氨酸钠 (N-Et-FOSAA-Na)	3871-50-9	--
38	--	N-乙基全氟辛烷磺酰胺(N-EtFOSA)	4151-50-2	0.010
39	--	N-甲基全氟辛烷磺酰胺(N-MeFOSA)	31506-32-8	0.010
40	--	2-(N-乙基全氟辛基磺酰胺)乙醇(N-EtFOSE)	1691-99-2	0.010
41	--	2-(N-甲基全氟辛基磺酰胺)乙醇(N-MeFOSE)	24448-09-7	0.010
42	PFOSA, 及其盐	全氟辛基磺酰胺(PFOSA)	754-91-6	0.010
43		全氟辛基磺酰胺锂盐(1:1)(PFOSA-Li)	76752-79-9	--
44		全氟辛基磺酰胺钠盐 (1:1) (PFOSA-Na)	76752-78-8	--
45		全氟辛基磺酰胺钾盐 (1:1) (PFOSA-K)	76752-70-0	--
46		全氟辛基磺酰胺铵盐 (1:1) (PFOSA-NH_4)	76752-72-2	--
47		全氟辛基磺酰胺三乙胺 (PFOSA-$C_6H_{15}N$)	76752-82-4	--
48	PFOA, 及其盐&衍生物	全氟辛酸(PFOA)	335-67-1	0.010
49		全氟辛酸钠(PFOA-Na)	335-95-5	--
50		全氟辛酸钾(PFOA-K)	2395-00-8	--
51		全氟辛酸银(PFOA-Ag)	335-93-3	--
52		全氟辛酰氟(PFOA-F)	335-66-0	--
53		全氟辛酸铵(APFO)	3825-26-1	--
54		全氟辛酸锂(PFOA-Li)	17125-58-5	--
55		全氟辛酸钴(PFOA-Co)	35965-01-6	--
56		全氟辛酸铯(PFOA-Cs)	17125-60-9	--
57		全氟辛酸铬(3+) (PFOA-Cr(3+))	68141-02-6	--
58		全氟辛酸-哌嗪(2:1) (PFOA-$NH(C_4H_{10}N)$)	423-52-9	--
59		全氟辛酸盐	45285-51-6	--
60		全氟辛酸酐	33496-48-9	--
61		全氟辛酸四乙基胺	98241-25-9	--
62		全氟辛酸四甲基胺	32609-65-7	--
63		全氟辛酸四丙基胺	277749-00-5	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
64		全氟辛酸钾水合物 (PFOA-K(H_2O)$_2$)	98065-31-7	--
65		全氟辛酸乙胺 (PFOA-C_2H_7N)	1376936-03-6	--
66		全氟辛酸吡啶 (PFOA-C_5H_5N)	95658-47-2	--
67		全氟辛酸苯基哌嗪 (PFOA-$C_{10}H_{14}N_2$)	1514-68-7	--
68		全氟辛酸辛基三甲基铵 (PFOA-$C_{11}H_{26}N$)	927835-01-6	--
69	8:2 FTS, 及其盐	1H,1H,2H,2H-全氟癸烷磺酸(8:2 FTS)	39108-34-4	0.010
70		1H,1H,2H,2H-全氟癸磺酸钾(8:2 FTS-K)	438237-73-1	--
71		1H,1H,2H,2H-全氟癸磺酸铵(8:2 FTS-NH_4)	149724-40-3	--
72		1H,1H,2H,2H-全氟癸磺酸钠(8:2 FTS-Na)	27619-96-1	--
73		1H,1H,2H,2H-全氟癸磺酸盐 (8:2 FTS(anion))	481071-78-7	--
74	--	全氟辛酸甲酯(Me-PFOA)	376-27-2	0.200
75	--	全氟辛酸乙酯(Et-PFOA)	3108-24-5	0.200
76	--	1H,1H,2H,2H-全氟癸基丙烯酸酯(8:2 FTA)*	27905-45-9	0.100
77	--	1H,1H,2H,2H-甲基丙烯酸全氟癸酯(8:2 FTMA)*	1996-88-9	0.100
78	--	全氟辛基碘烷(PFOI)	507-63-1	0.200
79	8:2 FTCA, 及其盐	2H,2H-全氟癸酸(8:2 FTCA)	27854-31-5	0.010
80		四丁基磷 2H,2H-全氟癸酸酯(8:2 FTCA-P(C_4H_9)$_4$)	882489-14-7	--
81	--	1H,1H,2H,2H-全氟-1-癸醇(8:2 FTOH)	678-39-7	0.100
82	--	1-碘-1H,1H,2H,2H-全氟癸烷(8:2 FTI)*	2043-53-0	0.100
83	--	1H,1H,2H,2H-全氟癸基三乙氧基硅烷(8:2 FTSi(OC_2H_5)$_3$)*	101947-16-4	0.100
84	8:2diPAP, 及其盐	双[2-(全氟辛基)]乙基磷酸酯(8:2diPAP)	678-41-1	0.010
85		双[2-(全氟辛基)]乙基磷酸酯钠(8:2diPAP-Na)	114519-85-6	--
86		双(2-羟乙基)铵双(全氟辛基)乙基)磷酸氢	57677-97-1	--
87		双[2-(全氟辛基)]乙基磷酸酯铵盐(8:2 diPAP-NH_4)	93776-20-6	--
88		8:2 氟调聚物磷酸二酯离子	1411713-91-1	--
89	8:3 FTCA, 及其盐	2H,2H,3H,3H-全氟十一烷酸(8:3 FTCA)	34598-33-9	0.010
90		2H,2H,3H,3H-全氟十一烷酸钾(8:3 FTCA-K)	83310-58-1	--
91		2H,2H,3H,3H-全氟十一酸锂(8:3 FTCA-Li)	67304-23-8	--
92	--	全氟辛基乙烯(PFDE)*	21652-58-4	0.100
93	--	3-全氟庚基丙酸(7:3 FTCA)	812-70-4	0.010
94	--	1H,1H,2H,2H-全氟癸基三氯硅烷*	78560-44-8	0.100
95	--	1H,1H,2H,2H-全氟癸基三甲氧基硅烷*	83048-65-1	
96	--	2H-全氟-2-癸烯酸(8:2 FTUCA)	70887-84-2	0.010
97	--	6:8 全氟次膦酸(6:8 PFPi)	610800-34-5	0.010
98		8:8 全氟次膦酸 (8:8 PFPi)	40143-79-1	0.010

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
99	8:8 PFPi,及其盐	8:8 全氟次膦酸钠盐 (8:8 PFPi-Na)	500776-69-2	--
100		8:8 全氟次膦酸铒(3+)盐 (8:8 PFPi-Er)	500776-70-5	--
101		8:8 全氟次膦酸镱(3+)盐 (8:8 PFPi-Yb)	500776-71-6	--
102	--	1H,1H,2H,2H-全氟十二烷基乙酸酯 (8:2 FTOAc)*	37858-04-1	0.100
103	8:2 monoPAP,及其盐	单[2-(全氟辛基)乙基]磷酸盐 (8:2 monoPAP)	57678-03-2	0.100
104		8:2 氟调聚物磷酸二铵盐	93857-44-4	--
105		8:2 氟调聚物磷酸钠盐	438237-75-3	--
106		双[2-(全氟辛基)乙基]磷酸铵盐	1764-95-0	--
107		单[2-(全氟辛基)乙基]磷酸铵盐	92401-44-0	--
108		单[2-(全氟辛基)乙基]磷酸单钠盐	144965-22-0	--
109		单[2-(全氟辛基)乙基]磷酸单钾盐	150033-28-6	--
110		单[2-(全氟辛基)乙基]磷酸氢铵盐	2353-52-8	--
111	PFNA, 及其盐	全氟壬酸(PFNA)	375-95-1	0.010
112		全氟壬酸钠(PFNA-Na)	21049-39-8	--
113		全氟壬酸铵(PFNA-NH_4)	4149-60-4	--
114		全氟壬酸钾(PFNA-K)	21049-38-7	--
115		全氟壬酸锂(PFNA-Li)	60871-92-3	--
116		全氟壬酸银(PFNA-Ag)	7358-16-9	--
117		全氟壬酸甲烷铵(PFNA-$NH_3(CH_3)$)	77032-23-6	--
118		全氟壬酸-N-乙基乙胺(1:1) (PFNA-$NH_2(C_2H_5)_2$))	77032-27-0	--
119		全氟壬酸-N-甲基甲胺(1:1) (PFNA-$NH_2(CH_3)_2$)	77032-24-7	--
120		全氟壬酸-N，N-二乙基乙酰胺(1:1) (9Cl) (PFNA-$NH(C_2H_5)_3$))	327176-80-7	--
121		全氟壬酸-哌啶(1:1) (9Cl) (PFNA-$NH_2(C_5H_{10})$)	95682-66-9	--
122		全氟壬酸-苯胺(1:1) (PFNA-$NH_3(C_6H_5)$)	95682-67-0	--
123		全氟壬酸-环己胺(1:1) (9Cl) ((PFNA-$NH_3(C_6H_{11})$)	328531-06-2	--
124		全氟壬酸盐	72007-68-2	--
125		全氟壬酸磺胺甲氧基哒嗪(PFNA-$C_{11}H_{12}N_4O_3S$)	298703-33-0	--
126		全氟壬酸酐(PFNAA)	228407-54-3	--
127	PFDA, 及其盐	全氟癸酸(PFDA)	335-76-2	0.010
128		全氟癸酸钠(PFDA-Na)	3830-45-3	--
129		全氟癸酸铵(PFDA-NH_4)	3108-42-7	--
130		全氟癸酸钾(PFDA-K)	51604-85-4	--
131		全氟癸酸银(PFDA-Ag)	5784-82-7	--
132		全氟癸酸锂(PFDA-Li)	84743-32-8	--
133		全氟癸酸盐	73829-36-4	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
134		全氟癸酸酐 (PFDAA)	942199-24-8	--
135	PFUnDA, 及其盐	全氟十一烷酸(PFUnDA)	2058-94-8	0.010
136		全氟十一烷酸钠(PFUnDA-Na)	60871-96-7	--
137		全氟十一烷酸铵(PFUnDA-NH_4)	4234-23-5	--
138		全氟十一烷酸钾(PFUnDA-K)	30377-53-8	--
139		全氟十一烷酸钙(PFUnDA-Ca)	97163-17-2	--
140		全氟十一烷酸盐	196859-54-8	--
141	PFDoDA, 及其盐	全氟十二烷酸(PFDoDA)	307-55-1	0.010
142		全氟十二烷铵(PFDoDA-NH_4)	3793-74-6	--
143		全氟十二烷酸盐	171978-95-3	--
144	PFTrDA, 及其盐	全氟十三烷酸(PFTrDA)	72629-94-8	0.010
145		全氟十三烷酸铵(PFTrDA-NH_4)	4288-72-6	--
146		全氟十三烷酸钠(PFTrDA-Na)	60872-01-7	--
147		全氟十三烷酸盐	862374-87-6	--
148	PFTDA, 及其盐	全氟十四烷酸(PFTDA)	376-06-7	0.010
149		全氟十四烷酸盐	365971-87-5	--
150	--	全氟-3,7-二甲基辛酸(PF-3,7-DMOA)	172155-07-6	0.010
151	PFDS, 及其盐	全氟癸烷磺酸(PFDS)	335-77-3	0.010
152		全氟癸烷磺酸钠(PFDS-Na)	2806-15-7	--
153		全氟癸烷磺酸钾(PFDS-K)	2806-16-8	--
154		全氟癸基磺酸铵(PFDS-NH_4)	67906-42-7	--
155		全氟癸基磺酸盐	126105-34-8	--
156		全氟癸烷磺酸酐 (PFDSA)	51667-62-0	--
157	--	1H,1H,2H,2H-全氟-1-十二烷醇(10:2 FTOH)	865-86-1	0.100
158	--	1H,1H,2H,2H-全氟十二烷基丙烯酸酯(10:2 FTA)*	17741-60-5	0.100
159	--	2-(全氟癸基)甲基丙烯酸乙酯(10:2 FTMA)*	2144-54-9	0.100
160	--	1,1,2,2-四氢全氟-1-十四醇(12:2 FTOH)	39239-77-5	0.100
161	10:2 FTS, 及其盐	1H,1H,2H,2H-全氟十二烷磺酸(10:2 FTS)	120226-60-0	0.010
162		1H,1H,2H,2H-全氟十二烷磺酸钠 (10:2 FTS-Na)	108026-35-3	--
163	--	全氟癸基乙基碘(10:2 FTI)*	2043-54-1	0.100
164	--	1H,1H,2H,2H-全氟四环碘化物(12:2 FTI)*	30046-31-2	0.100
165	PFNS, 及其盐	全氟壬烷磺酸(PFNS)	68259-12-1	0.010
166		全氟壬烷磺酸钠(PFNS-Na)	98789-57-2	--
167		全氟壬烷磺酸铵(PFNS-NH_4)	17202-41-4	--
168		全氟壬烷磺酸钾(PFNS-K)	29359-39-5	--
169		全氟壬烷磺酸盐	474511-07-4	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
170	PFUnDS, 及其盐	全氟十一烷磺酸(PFUnDS)	749786-16-1	0.010
171		全氟十一烷磺酸盐	441296-91-9	--
172	PFDoDS, 及其盐	全氟十二烷磺酸(PFDoDS)	79780-39-5	0.010
173		全氟十二烷磺酸钠(PFDoDS-Na)	1260224-54-1	--
174		全氟十二烷磺酸钾(PFDoDS-K)	85187-17-3	--
175		全氟十二烷磺酸盐	343629-43-6	--
176	PFTrDS, 及其盐	全氟十三烷磺酸(PFTrDS)	791563-89-8	0.010
177		全氟十三烷磺酸钠(PFTrDS-Na)	174675-49-1	--
178	10:2 diPAP, 及其盐	双[2-(全氟癸基)乙基]磷酸盐(10:2 diPAP)	1895-26-7	0.100
179		2,2'-亚氨基二乙醇双[2-(全氟癸基)乙基]磷酸盐 (10:2 diPAP-$C_4H_{11}O_2$)	57677-98-2	--
180	--	1-碘全氟癸烷(PFDI)*	423-62-1	0.100
181	--	全氟碘代十二烷(PFDoDI)*	307-60-8	0.100
182	--	2H-全氟-2-十二烯酸(10:2 FTUCA)	70887-94-4	0.010
183	--	2-全氟癸基乙酸(10:2 FTCA)	53826-13-4	0.010
184	--	1H,1H,2H,2H-全氟癸基乙酸酯 (10:2 FTOAc)*	37858-05-2	0.100
185	PFHxS, 及其盐&衍生物	全氟己基磺酸(PFHxS)	355-46-4	0.010
186		全氟己基磺酸钠(PFHxS-Na)	82382-12-5	--
187		全氟己基磺酸钾(PFHxS-K)	3871-99-6	--
188		全氟己基磺酸锂(1:1)(PFHxS-Li)	55120-77-9	--
189		全氟己基磺酸铵(PFHxS-NH_4)	68259-08-5	--
190		全氟己基磺酸三苯基(苯基甲基)-磷鎓盐(PFHxS-BTPP)	1000597-52-3	--
191		N,N,N-三丁基丁烷-1-胺全氟己基磺酸盐(PFHxS-$N(C_4H_9)_4$)	108427-54-9	--
192		N, N,N-三乙基乙胺全氟己基磺酸盐(PFHxS-$N(C_2H_5)_4$)	108427-55-0	--
193		全氟己基磺酸与四氢吡咯络合物(PFHxS-NC_4H_9)	1187817-57-7	--
194		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-$(NC_{10}H_{14})_3C_5H_4$)	1310480-24-0	--
195		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-$(NC_8H_{10})_2C_{13}H_{12}$)	1310480-27-3	--
196		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-$(NC_8H_{10})_2C_{17}H_{12}$)	1310480-28-4	--
197		全氟己基磺酸与 β-环糊精络合物(PFHxS-$C_{42}H_{70}O_{35}$)	1329995-45-0	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
198		全氟己基磺酸与 γ-环糊精络合物(PFHxS-$C_{48}H_{80}O_{40}$)	1329995-69-8	--
199		全氟己基磺酸三苯基硫鎓盐(TPS-PFHxS)	144116-10-9	--
200		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-$C_{44}H_{37}N_2O_2$)	1462414-59-0	--
201		全氟己基磺酸二苯基碘鎓盐(PFHxS-I(C_6H_5)$_2$)	153443-35-7	--
202		N,N,N-三甲基-全氟己基磺酸甲基铵盐(PFHxS-TMA)	189274-31-5	--
203		全氟己基磺酸与 2-甲基-2-丙胺络合物(1:1)(PFHxS-$NH_2(CH_3)_3$)	202189-84-2	--
204		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)$_2$)	213740-81-9	--
205		全氟己基磺酸镓(9CI)(PFHxS-Ga)	341035-71-0	--
206		全氟己基磺酸双(4-甲基苯基)苯基硫鎓盐(1:1)(PFHxS-S(C_7H_7)$_2C_6H_5$)	341548-85-4	--
207		全氟己基磺酸钪(PFHxS-Sc)	350836-93-0	--
208		全氟己基磺酸钕(PFHxS-Nd)	41184-65-0	--
209		全氟己基磺酸钇(PFHxS-Y)	41242-12-0	--
210		全氟己基磺酸(硫代二-4,1-亚苯基)双[二苯基]硫鎓盐(PFHxS-S_3(C_6H_5)$_4$(C_6H_4)$_2$)	421555-73-9	--
211		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})$_2$)	421555-74-0	--
212		全氟己基磺酰氟(PFHxS-F)	423-50-7	--
213		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)$_3$)	425670-70-8	--
214		全氟己基磺酸锌(PFHxS-Zn)	70136-72-0	--
215		全氟己基磺酸与 2,2'-亚氨二乙醇络合物(PFHxS-$NH(C_2H_5O)_2$)	70225-16-0	--
216		全氟己基磺酸与三乙胺络合物(1:1)(PFHxS-N(C_2H_5)$_3$)	72033-41-1	--
217		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)$_2$)	866621-50-3	--
218		全氟己基磺酸(4-甲基苯基)二苯硫鎓盐(PFHxS-S(C_6H_5)$_2C_7H_7$)	910606-39-2	--
219		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)$_2C_{10}H_9O_2$)	911027-68-4	--
220		全氟己基磺酸铯(1:1)(PFHxS-Cs)	92011-17-1	--
221		二苯并[k,n][1,4,7,13]四氧杂硫环戊二烯,19-[4-(1,1-二甲基乙基)苯基]-6,7,9,10,12,13-六氢-,全氟己基磺酸盐(PFHxS-$SC_{28}H_{31}O_4$)	928049-42-7	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
222		全氟己基磺酰氯(PFHxS-Cl)	55591-23-6	--
223		PFHxS-磺酸酯聚合物	911027-69-5	--
224		全氟己基磺酸盐	108427-53-8	--
225		全氟己基磺酸四丁基鏻 (PFHxS-P(C_4H_9)$_4$))	2310194-12-6	--
226	--	N-甲基全氟-1-己磺酰胺(N-Me-PFHxSA)	68259-15-4	0.010
227	--	全氟己烷磺酰胺(PFHxSA)	41997-13-1	0.010
228	--	N-[3-(二甲基氨基)丙基]十三氟己磺酰胺(N-AP-FHxSA)	50598-28-2	0.010
229	--	2-[甲基[(十三氟己基)磺酰基]氨基]丙烯酸乙酯(N-MeFHSEA)	67584-57-0	0.200
230	--	2-[甲基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯	67584-61-6	0.200
231	--	2-[乙基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯	67906-70-1	0.200
232	--	十三氟-N-(2-羟基乙基)-N-甲基己烷磺酰胺(MeFHxSE)	68555-75-9	0.010
233	EtFHxSAA，及其盐	N-乙基-N-[(十三氟己基)磺酰基]甘氨酸(EtFHxSAA)	68957-32-4	0.010
234		N-乙基-N-[(十三氟己基)磺酰基]甘氨酸钾(EtFHxSAA-K)	67584-53-6	--
235		N-乙基-N-((十三氟己基)磺酰基)甘氨酸钠(EtFHxSAA-Na)	68555-70-4	--
236	PFHxA, 及其盐&衍生物	全氟己酸(PFHxA)	307-24-4	0.010
237		全氟己酸铵(APFHx)	21615-47-4	--
238		全氟己酸钠(PFHxA-Na)	2923-26-4	--
239		全氟己酸钾(PFHxA-K)	3109-94-2	--
240		全氟己酰氟(PFHxA-F)	355-38-4	--
241		全氟己酸银(PFHxA-Ag)	336-02-7	--
242		全氟己酸锂(PFHxA-Li)	90430-61-8	--
243		全氟己酸酐	308-13-4	--
244		全氟己酸哌嗪(2:1)	423-47-2	--
245		全氟己酸盐	92612-52-7	--
246		全氟己酰氯(PFHxA-Cl)	335-53-5	--
247		全氟己酸己胺(PFHxA-$C_6H_{15}N$)	565225-91-4	--
248		全氟己酸苯基哌嗪(PFHxA-$C_{10}H_{14}N_2$)	985-60-4	--
249	--	1H,1H,2H,2H-全氟-1-辛醇(6:2 FTOH)	647-42-7	0.100
250	--	1H,1H,2H,2H-全氟-1-己醇(4:2 FTOH)	2043-47-2	0.400
251	--	1H,1H,2H,2H-全氟辛基丙烯酸酯(6:2 FTA)	17527-29-6	0.200
252	6:2 FTS, 及其盐	1H,1H,2H,2H-全氟辛磺酸(6:2 FTS)	27619-97-2	0.010
253		1H,1H,2H,2H-全氟辛烷磺酸钠(6:2 FTS-Na)	27619-94-9	--
254		1H,1H,2H,2H-全氟辛烷磺酸钾(6:2 FTS-K)	59587-38-1	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
255		1H,1H,2H,2H-全氟辛烷磺酸铵(6:2 FTS-NH_4)	59587-39-2	--
256		1H,1H,2H,2H-全氟辛磺酸钡(6:2 FTS-Ba)	1807944-82-6	--
257		1H,1H,2H,2H-全氟辛磺酸盐(6:2FTS(anion))	425670-75-3	--
258	--	全氟辛基三乙氧基硅烷(6:2 FTSi(OC_2H_5)$_3$)	51851-37-7	0.500
259	--	1H,1H,2H,2H-全氟辛基三氯硅烷	78560-45-9	0.200
260	--	1H,1H,2H,2H-全氟辛基三甲氧基硅烷(6:2 FTSi(OCH_3)$_3$)	85857-16-5	
261	--	1,1,1,2,2,3,4,5,6,6-三氟-6-碘己烷(PFHx-I)	355-43-1	0.200
262	--	1,1,1,2,2,3,4,5,6,6-三氟-8-碘酮	38550-34-4	0.200
263	--	N-[3-(二甲氨基)丙基]-3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛烷磺酰胺 N-氧化物	80475-32-7	0.100
264	--	3,3,4,4,5,5,6,7,8,8-三氟辛酯硫氰酸	26650-09-9	0.200
265	6:2 monoPAP, 及其盐	6:2 磷酸氟调聚物单酯(6:2 monoPAP)	57678-01-0	0.100
266		6:2 磷酸氟调聚物单酯二铵盐(6:2 monoPAP-NH_4NH_4)	1000852-37-8	--
267	--	2H,2H,3H,3H-全氟壬酸(6:3 FTCA)	27854-30-4	0.100
268	--	3,3,4,4,5,6,7,7,8,8,8-三氟辛烷-1-硫醇(6:2 FTSH)	34451-26-8	0.200
269	--	1H,1H,2H,2H-全氟辛基二甲基氯硅烷(6:2 FTSiMe_2Cl)	102488-47-1	0.200
270	--	1H,1H-三氟-1-碘庚烷(6:1 FTI)	212563-43-4	0.200
271	--	4,4,5,5,6,7,8,9,9,9-三氟壬基碘化物(6:3 FTI)	89889-20-3	0.200
272	6:2 FTPA, 及其盐	全氟己基乙基膦酸(6:2 FTPA)	252237-40-4	0.100
273		全氟己基乙基膦酸钠(Cheminox FHP_2OH-Na(PFHEPA-Na))	1189052-95-6	--
274	--	十一氟正己烷-1-醇(5:1 FTOH)	423-46-1	0.200
275	--	1H,1H-全氟庚-1-醇(6:1 FTOH)	375-82-6	0.200
276	--	3-全氟己基丙醇(6:3 FTOH)	80806-68-4	0.200
277	--	3,3,4,4,5,6,7,7,7-二十氟庚烷-2-醇 (5:2 sFTOH)	914637-05-1	0.200
278	--	1-(全氟己基)辛烷 (F_6H_8)	133331-77-8	0.200
279	--	1H,1H 三氟庚胺 (6:1 FTNH_2)	423-49-4	0.200
280	--	2H-全氟-2-辛烯酸(6:2 FTUCA)	70887-88-6	0.010
281	6:6 PFPi,及其盐	6:6 全氟次膦酸(6:6 PFPi)	40143-77-9	0.010
282		6:6 全氟次膦酸钠盐(6:6 PFPi-Na)	70609-44-8	--
283		6:6 全氟次膦酸镱(3+)盐(6:6 PFPi-Yb)	500776-72-7	--
284		6:6 全氟次膦酸铒(3+)盐(6:6 PFPi-Er)	500776-73-8	--
285	PFBA, 及其盐	全氟丁酸(PFBA)	375-22-4	0.010
286		七氟丁酸铵(PFBA-NH_4)	10495-86-0	--
287		七氟丁酸钠(PFBA-Na)	2218-54-4	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
288		七氟丁酸钾(PFBA-K)	2966-54-3	--
289		七氟丁酸银(PFBA-Ag)	3794-64-7	--
290		全氟丁酸锂(PFBA-Li)	4146-76-3	--
291		七氟丁酸哌嗪(1:1)	375-04-2	--
292		全氟丁酸盐	45048-62-2	--
293	PFBS, 及其盐&衍生物	全氟丁磺酸(PFBS)	375-73-5	0.010
294		全氟丁基磺酸钾(PFBS-K)	29420-49-3	--
295		全氟丁基磺酸水合物(PFBS-H_2O)	59933-66-3	--
296		九氟-1-丁烷磺酸锂(PFBS-Li)	131651-65-5	--
297		全氟丁基磺酸三苯基锍盐(TPS-PFBS)	144317-44-2	--
298		全氟丁基磺酸二甲基(苯基)锍(PFBS-S(CH_3)$_2$(C_6H_5)	220133-51-7	--
299		全氟丁基磺酸四丁基鏻(PFBS-P(C_4H_9)$_4$)	220689-12-3	--
300		N,N,N-三乙基乙醇胺全氟丁基磺酸(PFBS-N(C_2H_5)$_4$)	25628-08-4	--
301		全氟丁基磺酰氟(PFBS-F)	375-72-4	--
302		全氟丁磺酸吗啉(PFBS-NC_4H_9O)	503155-89-3	--
303		全氟丁基磺酸镁(PFBS-Mg)	507453-86-3	--
304		全氟丁基磺酸铵(PFBS-NH_4)	68259-10-9	--
305		1-(4-丁氧基-1-萘基)四氢噻吩全氟丁基磺酸盐(PFBS-$SC_{18}H_{23}O$)	209482-18-8	--
306		全氟丁基磺酰氯(PFBS-Cl)	2991-84-6	--
307		全氟丁基磺酸钠(PFBS-Na)	60453-92-1	--
308		全氟-1-丁磺酸双(4-叔丁基苯基)碘鎓(PFBS-I(C_6H_4)$_2$(C_4H_9)$_2$)	194999-85-4	--
309		1,1,2,2,3,4,4,4-一氟丁烷-1-磺酸与 2,2'-亚氨基二乙醇的化合物(1:1)(PFBS-NH(C_2H_5O)$_2$)	70225-18-2	--
310		全氟丁基磺酸四丁基铵((PFBS-N(C_4H_9)$_4$))	108427-52-7	--
311		全氟丁基磺酸二苯碘((PFBS-I(C_6H_5)$_2$))	194999-82-1	--
312		全氟丁基磺酸三(4-叔丁基苯基)锍	241806-75-7	--
313		全氟丁基磺酸(4-环己基苯基)(二苯基)锍	425670-64-0	--
314		全氟丁基磺酸 1-(1-甲基-1H-吲哚-3-基)硫醇-1-鎓	867373-18-0	--
315		全氟丁基磺酸 1-乙基-3-甲基吡啶鎓	1015420-87-7	--
316		全氟丁基磺酸 1-甲基-3-辛基咪唑鎓	905972-83-0	--
317		全氟丁基磺酸 1-己基-3-甲基咪唑鎓	1001557-05-6	--
318		全氟丁基磺酸 N,N-二甲基-N-(丙-2-基)丙-2-胺	374571-81-0	--
319		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)	857285-80-4	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
320		全氟丁基磺酸 N,N-二丁基-N-甲基丁烷-1-胺(1:1)	124472-66-8	--
321		全氟丁基磺酸锌(2:1)(PFBS-Zn)	502457-69-4	--
322		全氟丁基磺酸 N,N,N-三丙基戊烷(1:1)	56773-55-8	--
323		全氟丁基磺酸四甲基铵盐 (PFBS-N(CH_3)$_4$)	25628-17-5	--
324		全氟丁烷磺酸酐	36913-91-4	
325		全氟丁基磺酸盐	45187-15-3	--
326		1-(4-丁氧基-1-萘基)九氟丁烷-1-磺酸四氢噻吩	EC: 468-770-4	--
327		全氟丁基磺酸三乙基铵	182059-38-7	--
328		N-(2-羟乙基)-N,N-二甲基-1-辛铵全氟-1-丁磺酸盐 (1:1)	334529-55-4	--
329		全氟丁基磺酸 1-十六烷基吡啶鎓	334529-62-3	--
330		全氟丁基磺酸 1-丁基吡啶鎓	334529-64-5	--
331		N-甲基-N,N-二辛基-1-辛铵全氟-1-丁磺酸盐	495417-51-1	--
332		三(4-甲基苯基)磺与全氟-1-丁磺酸的盐(1:1)	722538-68-3	--
333	PFPeA, 及其盐	全氟戊酸(PFPeA)	2706-90-3	0.010
334		全氟戊酸钠(PFPeA-Na)	2706-89-0	--
335		全氟戊酸钾(PFPeA-K)	336-23-2	--
336		全氟戊酸锂(PFPeA-Li)	198482-22-3	--
337		全氟戊酸银(PFPeA-Ag)	2795-30-4	--
338		全氟戊酸铵(PFPeA-NH_4)	68259-11-0	--
339		全氟戊酸盐	45167-47-3	--
340		全氟戊酸苄基硫脲 (PFPeA-$C_8H_{10}N_2S$)	64808-55-5	--
341		全氟戊酸酐 (PFPeAA)	308-28-1	--
342	HPFHpA, 及其盐	7H-十二氟庚酸(HPFHpA)	1546-95-8	0.010
343		7H-十二氟庚酸钠(HPFHpA-Na)	2264-25-7	--
344		7H-十二氟庚酸铵(HPFHpA-NH_4)	376-34-1	--
345		7H-十二氟庚酸盐 (HPFHpA(anion))	69681-35-2	--
346	PFHpS, 及其盐	全氟庚烷磺酸(PFHpS)	375-92-8	0.010
347		全氟庚基磺酸钠(PFHpS-Na)	21934-50-9	--
348		全氟庚基磺酸钾(PFHpS-K)	60270-55-5	--
349		全氟庚磺酸酸铵(PFHpS-NH_4)	68259-07-4	--
350		全氟庚烷磺酸锂(PFHpS-Li)	117806-54-9	--
351		全氟庚烷磺酸-双(2-羟乙基)铵(1:1)	70225-15-9	--
352		全氟庚烷磺酸盐	146689-46-5	--
353		全氟庚烷磺酸三乙基铵	72033-40-0	--
354		全氟庚烷磺酸四乙基铵	439863-97-5	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
355		全氟庚烷磺酸酐(PFHpSA)	140429-92-1	--
356	PFHpA, 及其盐	全氟庚酸(PFHpA)	375-85-9	0.010
357		全氟庚酸钠(PFHpA-Na)	20109-59-5	--
358		全氟庚酸钾(PFHpA-K)	21049-36-5	--
359		全氟庚酸铵(PFHpA-NH_4)	6130-43-4	--
360		全氟庚酸铯(PFHpA-Cs)	171198-24-6	--
361		全氟庚酸银(PFHpA-Ag)	424-05-5	--
362		全氟庚酸锂(PFHpA-Li)	60871-90-1	--
363		全氟庚酸盐	120885-29-2	--
364	HFPO-DA, 及其盐&衍生物	2,3,3,3-四氟-2-(七氟丙氧基)丙酸(HFPO-DA)	13252-13-6	0.010
365		2,3,3,3-四氟-2-(七氟丙氧基)丙酸铵(HFPO-DA-NH_4)	62037-80-3	--
366		2,3,3,3-四氟-2-(七氟丙氧基)丙酸钾(HFPO-DA-K)	67118-55-2	--
367		2,3,3,3-四氟-2-(七氟丙氧基)丙酸酰基氟化物(HFPO-DA-F)	2062-98-8	--
368		2,3,3,3-四氟-2-(七氟丙氧基)-, (+)-丙酸	75579-39-4	--
369		2,3,3,3-四氟-2-(七氟丙氧基)-,(-)-丙酸	75579-40-7	--
370		2,3,3,3-四氟-2-(七氟丙氧基)丙酸钠	67963-75-1	--
371		全氟(2-丙氧基丙酸酯)	122499-17-6	--
372		2,3,3,3-四氟-2-(七氟丙氧基)丙酸-N-丙基丙烷-1-胺(1/1)	165951-17-7	--
373		全氟-2-丙氧基丙酸三乙胺	165951-18-8	--
374		4-[(6-甲氧基-3-哒嗪基)氨磺酰基]2,3,3,3-四氟-2-(七氟丙氧基)丙酸苯胺	298703-31-8	--
375		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-$C_{14}H_{16}I_3NO_2$)	2412106-69-3	--
376	4:2 FTS, 及其盐	1H,1H,2H,2H-全氟己烷磺酸(4:2 FTS)	757124-72-4	0.010
377		1H,1H,2H,2H-全氟己烷磺酸钠	27619-93-8	--
378		1H,1H,2H,2H-全氟己烷磺酸盐(4:2 FTS(anion))	414911-30-1	--
379	PFPeS, 及其盐	全氟戊磺酸(PFPeS)	2706-91-4	0.010
380		全氟戊磺酸钠(PFPeS-Na)	630402-22-1	--
381		全氟戊磺酸钾(PFPeS-K)	3872-25-1	--
382		全氟戊磺酸铵(PFPeS-NH_4)	68259-09-6	--
383		全氟戊磺酸-双(2-羟乙基)铵	70225-17-1	--
384		全氟戊磺酸锂(PFPeS-Li)	1046864-81-6	--
385		全氟戊磺酸盐	175905-36-9	--
386		全氟戊磺酸三乙基铵	72033-42-2	--
387		全氟戊烷磺酸酐(PFPeSA)	161877-72-1	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
388	--	2-全氟己基乙酸(6:2 FTCA)	53826-12-3	0.010
389	5:3 FTCA, 及其盐	3-全氟戊基丙酸(5:3 FTCA)	914637-49-3	0.010
390		2H,2H,3H,3H 全氟辛酸盐(5:3 FTCA(anion))	1799325-94-2	--
391	PFHxDA, 及其盐	全氟正十六酸(PFHxDA)	67905-19-5	0.010
392		全氟正十六酸盐 (PFHxDA(anion))	1214264-30-8	--
393	PFODA, 及其盐	全氟正十八酸(PFODA)	16517-11-6	0.010
394		全氟正十八酸盐(PFODA(anion))	798556-82-8	--
395	--	1H,1H,2H,2H-甲基丙烯酸全氟辛酯(6:2 FTMA)	2144-53-8	0.200
396	ADONA,及其盐	4,8-二氧-3H-全氟壬酸(ADONA)	919005-14-4	0.010
397		4,8-二氧杂-3H-全氟壬酸铵(ADONA-NH_4)	958445-44-8	--
398		4,8-二氧杂-3H-全氟壬酸钠(ADONA-Na)	2250081-67-3	--
399	--	全氟-3-甲氧基丙酸(PFMPA)	377-73-1	0.010
400	--	全氟-4-甲氧基丁酸(PFMBA)	863090-89-5	0.010
401	--	全氟-3,6-二氧杂庚酸(NFDHA)	151772-58-6	0.010
402	9Cl-PF_3ONS,及其盐	9-氯十六氟-3-氧代壬烷-1-磺酸(9Cl-PF_3ONS)	756426-58-1	0.010
403		9-氯十六氟-3-氧代壬烷-1-磺酸钾 (9Cl-PF_3ONS-K)	73606-19-6	--
404		9-氯十六氟-3-氧代壬烷-1-磺酸铵 (9Cl-PF_3ONS-NH_4)	1383434-28-3	--
405	11Cl-PF_3OUdS, 及其盐	11-氯二十碳氟-3-氧十一烷-1-磺酸(11Cl-PF_3OUdS)	763051-92-9	0.010
406		11-氯二十碳氟-3-氧十一烷-1-磺酸钾(11Cl-PF_3OUdS-K)	83329-89-9	--
407	PFEESA, 及其盐	全氟(2-乙氧基乙烷)磺酸(PFEESA)	113507-82-7	0.010
408		全氟(2-乙氧基乙烷)磺酸钾 (PFEESA-K)	117205-07-9	--
409		全氟(2-乙氧基乙烷)磺酸钠 (PFEESA-Na)	113507-87-2	--
410	3:3 FTCA, 及其盐	3-全氟丙基丙酸(3:3 FTCA)	356-02-5	0.010
411		4,4,5,6,6,6-七氟己酸盐 (3:3 FTCA(anion))	1169706-83-5	--
412	PFPeDA,及其盐	全氟十五烷酸(PFPeDA)	141074-63-7	0.100
413		全氟十五烷酸盐(PFPeDA(anion))	1214264-29-5	--
414	--	1H,1H,2H,2H-全氟己基甲基丙烯酸酯(4:2 FTMA)	1799-84-4	0.200
415	--	2-(N-乙基全氟辛烷磺酰胺基)丙烯酸乙酯(EtFOSAC)	423-82-5	0.200
416	--	1-碘-1H,1H,2H,2H-全氟辛烷(6:2 FTI)	2043-57-4	0.100
417	--	九氟丁烷磺酰胺(PFBSA)	30334-69-1	0.100
418	--	N-(2-羟乙基)-N-甲基全氟丁烷磺酰胺(PFBS-NC_3H_8O)	34454-97-2	0.010
419	11H-PFUnDA, 及其盐	11H-全氟十一烷酸(11H-PFUnDA)	1765-48-6	0.100
420		11H-全氟十一烷酸钾(11H-PFUnDA-K)	307-71-1	--
421		11H-全氟十一烷酸铵(11H-PFUnDA-NH_4)	5081-02-7	--
422		11H-全氟十一烷酸盐 (11H-PFUnDA(anion))	69681-37-4	--

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(PFAS)

No.	组名	物质名称	CAS No.	MDL (mg/kg)
423	PFPrA,及其盐	五氟丙酸(PFPrA)	422-64-0	0.100
424		五氟丙酸钠(PFPrA-Na)	378-77-8	--
425		五氟丙酸银(PFPrA-Ag)	509-09-1	--
426		五氟丙酸钾(PFPrA-K)	378-76-7	--
427		五氟丙酸铵(PFPrA-NH_4)	2730-58-7	--
428	HFPO-TA, 及其盐	全氟-2,5-二甲基-3,6-二氧杂壬酸 (HFPO-TA)	13252-14-7	0.200
429		全氟-2,5-二甲基-3,6-二氧杂壬酸钾 (HFPO-TA-K)	67118-57-4	--
430		全氟-2,5-二甲基-3,6-二氧杂壬酸钠 (HFPO-TA-Na)	67963-76-2	--
431		全氟-2,5-二甲基-3,6-二氧杂壬酸铵 (HFPO-TA-NH4)	13043-05-5	--
432		全氟-2,5-二甲基-3,6-二氧杂壬酰基氟化物 (HFPO-TA-F)	2641-34-1	--
433	PFEtS, 及其盐	全氟乙烷磺酸(PFEtS)	354-88-1	0.010
434		全氟乙烷磺酸盐 (PFEtS (anion))	108410-37-3	--
435		全氟乙烷磺酸钾 (PFEtS-K)	2837-92-5	--
436	6:2 diPAP, 及其盐	双[2-(全氟己基)乙基]磷酸盐(6:2 diPAP)	57677-95-9	0.010
437		双[2-(全氟己基)乙基]磷酸(6:2 diPAP-Na)	407582-79-0	--
438		双[2-(全氟己基)乙基]磷酸盐离子(6:2 diPAP(Anion))	667465-18-1	--
439	TFSI, 及其盐	双(三氟甲烷)磺酰亚胺(TFSI)	82113-65-3	0.010
440		1-丁基-1-甲基吡咯烷双(三氟甲烷)磺酰亚胺	223437-11-4	--
441		三丁基甲基铵双(三氟甲烷)磺酰亚胺	405514-94-5	--
442		双(三氟甲烷)磺酰亚胺锂(TFSI-Li)	90076-65-6	--
443		1-癸基-3-甲基咪唑双(三氟甲烷)磺酰亚胺	433337-23-6	--
444	10:2 monoPAP, 及其盐	单[2-(全氟癸基)乙基]磷酸酯 (10:2 monoPAP)	57678-05-4	0.100
445		单[2-(全氟癸基)乙基]磷酸双铵盐	93857-45-5	-
446	-	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-十三氟壬基)碘乙酰胺	852527-50-5	0.010
447	TFMS, 及其盐	三氟甲磺酸(TFMS)	1493-13-6	0.010
448		三氟甲磺酸钠盐(TFMS-Na)	2926-30-9	0.010
449		三氟甲磺酸银盐(TFMS-Ag)	2923-28-6	--
450		三氟甲磺酸锌盐(TFMS-Zn)	54010-75-2	--
451		三氟甲磺酸钪盐(TFMS-Sc)	144026-79-9	--
452		三氟甲磺酸酐	358-23-6	--
453		三氟甲磺酸锂盐(TFMS-Li)	33454-82-9	--
454		三氟甲磺酸铜盐(TFMS-Cu)	34946-82-2	--
455		三氟甲磺酸钡盐(TFMS-Ba)	2794-60-7	--
456		三氟甲磺酸铈盐(TFMS-Ce)	107792-63-2	--
457		三氟甲磺酸镁盐(TFMS-Mg)	60871-83-2	--

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458		三氟甲磺酸钾盐(TFMS-K)	2926-27-4	--
459		三氟甲磺酸镍盐(TFMS-Ni)	60871-84-3	--
460		三氟甲磺酸锡盐(TFMS-Sn)	62086-04-8	--
461		三氟甲磺酸钇盐(TFMS-Y)	52093-30-8	--
462		三氟甲磺酸铁盐(TFMS-Fe)	63295-48-7	--
463		三氟甲磺酸铈盐(TFMS-Ce)	76089-77-5	--
464		三氟甲磺酸四丁基铵	35895-70-6	--
465		三氟甲磺酸甲基三辛基铵	121107-18-4	--
466		咪唑三氟甲磺酸酯	29727-06-8	--
467		三氟乙酰基三氟甲磺酸酯	68602-57-3	--
468		三氟甲磺酸镧(III) (TFMS-La)	52093-26-2	--
469		三氟甲磺酸铟(III) (TFMS-In)	128008-30-0	--
470		三氟甲磺酸钐(III)(TFMS-Sm)	52093-28-4	--
471		三氟甲磺酸镱(III) (TFMS-Yb)	54761-04-5	--
472		三氟甲磺酸铥(III) (TFMS-Tm)	141478-68-4	--
473		三氟甲磺酸四乙基铵	35895-69-3	--
474		三氟甲磺酸 1-氟-3,5-二氯吡啶	107264-06-2	--
475		三氟甲磺酸三乙胺盐	646-58-2	--
476		三苯基三氟甲酸酐鏻	72450-51-2	--
477		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	120611-30-5	--
478		三氟甲磺酸二苯铵	164411-06-7	--
479		1-(3-氨基氮杂环丁烷-1-基)丙-2-烯-1-酮, 三氟甲磺酸	2060047-56-3	--
480		三氟甲磺酸胍	153756-25-3	--
481		三氟甲磺酸-1-乙基-1H-咪唑 (1/1)	501693-46-5	--
482		钌(3+) (OC-6-22)-与三氟甲磺酸 (1:3)的盐	74468-24-9	--
483		O-新戊酰基羟胺三氟甲磺酸酯	1293990-73-4	--
484		三氟甲磺酰氯	421-83-0	--
485		(2-吡啶甲基)磺酰氯三氟甲磺酸酯	882564-09-2	--
486		三氟甲磺酰溴	15458-53-4	--
487		三氟甲磺酸汞(II)(TFMS-Hg)	49540-00-3	--
488		三氟甲磺酸镝(III)(TFMS-Dy)	139177-62-1	--
489		三氟甲磺酸锰(II)(TFMS-Mn)	55120-76-8	--
490		三氟甲磺酸五胺锇(III)	83781-30-0	--
491		三氟甲磺酸镥(III)(TFMS-Lu)	126857-69-0	--
492		三氟甲磺酸铽(III)(TFMS-Tb)	148980-31-8	--
493		三氟甲磺酸钕(III)(TFMS-Nd)	34622-08-7	--

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494		三氟甲磺酸铵(TFMS-NH4)	38542-94-8	--
495		三氟甲磺酸钬(III)(TFMS-Ho)	139177-63-2	--
496		三氟甲磺酸酯	37181-39-8	--
497		三氟甲磺酸镨(III)(TFMS-Pr)	52093-27-3	--
498		三氟甲磺酸铋(III)(TFMS-Bi)	88189-03-1	--
499		三氟甲磺酸铕(III)(TFMS-Eu)	52093-25-1	--
500		三氟甲磺酸铒(III)(TFMS-Er)	139177-64-3	--
501		三氟甲磺酸镓(III)(TFMS-Ga)	74974-60-0	--
502		N,N,N-三乙基-2,2,2-三氟乙烷-1-三氟甲磺酸铵	380230-73-9	--
503		三氟甲磺酸钙(II)(TFMS-Ga)	55120-75-7	--
504		三氟甲磺酸铊(I)(TFMS-Tl)	73491-36-8	--
505		三氟甲磺酸铪(IV)(TFMS-Hf)	161337-67-3	--
506	PFPrS, 及其盐	全氟丙烷磺酸(PFPrS)	423-41-6	0.010
507		全氟丙烷磺酸钠(PFPrS-Na)	359868-82-9	--
508	-	1-全氟庚基乙醇 (7:2 仲) (7:2sFTOH)	24015-83-6	0.200
509	-	1-碘-1H, 1H, 2H, 2H-全氟己烷(4:2 FTI)	2043-55-2	0.200
510	PFHpSi, 及其盐	全氟庚烷-1-亚磺酸(PFHpSi)	769067-51-8	0.010
511		全氟庚烷-1-亚磺酸钠盐 (PFHpSi-Na)	68555-66-8	--
512	PFOPA, 及其盐	全氟辛基磷酸 (PFOPA)	40143-78-0	0.010
513		全氟辛基磷酸-4-甲基苯甲酰胺	1263361-03-0	--
514	-	1H, 1H-全氟辛胺(7:1 FTNH$_2$)	307-29-9	0.200
515	-	全氟庚酰胺(PFHpA-NH$_2$)	2358-22-7	0.100
516	-	全氟丁酰胺(PFBA-NH$_2$)	662-50-0	0.200
517	-	1H, 1H, 2H, 2H-九氟己酯(4:2 FTA)	52591-27-2	0.200
518	-	N-甲基-九氟丁磺酰胺(MeFBSA)	68298-12-4	0.010
519	-	N-乙基-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-N-(2-羟乙基)-1-己磺酰胺(Et-FHxSE)	34455-03-3	0.010
520	TFA, 及其盐	三氟乙酸(TFA)	76-05-1	1.000
521		三氟乙酸钠(TFA-Na)	2923-18-4	--
522		三氟乙酸铊(TFA-Tl)	23586-53-0	--
523		三氟乙酸锂(TFA-Li)	2923-17-3	--
524		三氟乙酸银(TFA-Ag)	2966-50-9	--
525		三氟乙酸铯(TFA-Cs)	21907-50-6	--
526		三氟乙酸钾(TFA-K)	2923-16-2	--
527		三氟乙酸铵(TFA-NH$_4$)	3336-58-1	--
528		三氟乙酸汞(TFA-Hg)	13257-51-7	--
529		三氟乙酸钯(TFA-Pd)	42196-31-6	--

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No.	组名	物质名称	CAS No.	MDL (mg/kg)
530		三氟乙酸盐(TFA anion)	14477-72-6	--
531		三氟乙酸二甲基[(三氟乙酰基)氧基]锍	57738-66-6	--
532		三氟乙酸铝(III)(TFA-Al)	36554-89-9	--
533		三氟乙酸钡(II)(TFA-Ba)	60884-92-6	--
534		三氟乙酸铒(III)(TFA-Er)	70236-99-6	--
535		三氟乙酸铟(III)(TFA-In)	36554-90-2	--
536		三氟乙酸镧(III)(TFA-La)	70236-92-9	--
537		三氟乙酸镍(II)(TFA-Ni)	16083-14-0	--
538		三氟乙酸铅(II)(TFA-Pb)	4146-73-0	--
539		三氟乙酸铑(II)(TFA-Rh)	72654-51-4	--
540		三氟乙酸铥(III)(TFA-Tm)	70237-00-2	--
541		三氟乙酸镱(III)(TFA-Yb)	87863-62-5	--
542		三氟乙酸锌(II)(TFA-Zn)	21907-47-1	--
543		三氟乙酸钌(II)(TFA-Ru)	61612-84-8	--
544		三氟乙酸镁(II)(TFA-Mg)	123333-72-2	--
545		三氟乙酸铜(II)(TFA-Cu)	123333-88-0	--

2. 针对纺织品和皮革样品，*物质的 MDL=0.200mg/kg。

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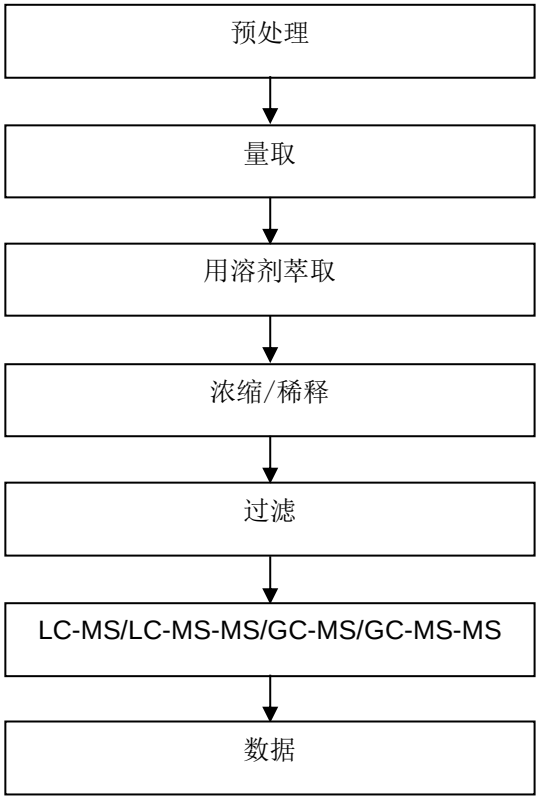
附件

PFASs/ PFOS/PFOA 检测流程图



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