

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 1 页, 共 25 页

客户名称: 建滔积层板控股有限公司
客户地址: 香港新界沙田安耀街三號匯達大廈二十三樓

样品名称: FR-4.1
型号: KB-3200G

以上样品及信息由客户提供。

SGS 工作编号: GZP25-027316
样品接收时间: 2025 年 09 月 23 日
检测周期: 2025 年 09 月 23 日 ~ 2025 年 10 月 13 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:

630 项全氟和多氟烷基化合物 (PFAS) 含量	通过
---------------------------	----

通标标准技术服务有限公司广州分公司
授权签名

叶士龙

Arsene Ye 叶士龙
批准签署人

Scan to see the report



2770E29D



SGS-CSI Standards Technical Services Co., Ltd.
Guangzhou Branch Technical Services Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 2 页, 共 25 页

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	CAN25-0237999-0001.C001	深棕色片

630 项全氟和多氟烷基化合物 (PFAS) 含量

检测方法:

优化的 EN 17681-1:2025, 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。

SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 3 页, 共 25 页

(1) 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 ₂ H ₄ OH) ₂)	70225-14-8	--
7		全氟辛基磺酸四乙基铵(PFOS-N(C ₂ H 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 ₄ H 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 ₂ H 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 ₃ H ₇) ₃ (C ₅ H 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 ₄ H 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)铈	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磷 (PFOS-P (C ₄ H ₉) ₄)	2185049-59-4	--
23		全氟辛基磺酸二乙胺 (PFOS-C ₄ H 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		全氟辛基磺酰氯(PFOS-Cl)	423-60-9	--
27	FOSAA, 及其盐	N-(全氟-1-辛烷磺酰基)甘氨酸(FOSAA)	2806-24-8	0.010
28		全氟辛烷磺酰氨基乙酸盐 (FOSAA(anion))	909405-47-6	--
29		全氟辛烷磺酰氨基乙酸钾 (FOSAA-K)	75260-69-4	--
30		全氟辛烷磺酰氨基乙酸钠 (FOSAA-Na)	115716-87-5	--
31	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
32		N-(十七氟辛基磺酰基)-N-甲基甘氨酸盐 (N-Me-FOSAA(anion))	909405-48-7	--



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 4 页, 共 25 页

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

SGS-STC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 5 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
65		全氟辛酸钾水合物 (PFOA-K(H ₂ O) ₂)	98065-31-7	--
66		全氟辛酸乙胺 (PFOA-C ₂ H ₇ N)	1376936-03-6	--
67		全氟辛酸吡啶 (PFOA-C ₅ H ₅ N)	95658-47-2	--
68		全氟辛酸苯基哌嗪 (PFOA-C ₁₀ H ₁₄ N ₂)	1514-68-7	--
69		全氟辛酸辛基三甲基铵 (PFOA-C ₁₁ H ₂₆ N)	927835-01-6	--
70		全氟辛酰氯 (PFOA-Cl)	335-64-8	--
71	8:2 FTS, 及其盐	1H,1H,2H,2H-全氟癸烷磺酸(8:2 FTS)	39108-34-4	0.010
72		1H,1H,2H,2H-全氟癸磺酸钾(8:2 FTS-K)	438237-73-1	--
73		1H,1H,2H,2H-全氟癸磺酸铵(8:2 FTS-NH ₄)	149724-40-3	--
74		1H,1H,2H,2H-全氟癸磺酸钠(8:2 FTS-Na)	27619-96-1	--
75		1H,1H,2H,2H-全氟癸磺酸盐 (8:2 FTS(anion))	481071-78-7	--
76		1H,1H,2H,2H-全氟癸磺酰氯 (8:2 FTS-Cl)	27619-90-5	--
77	--	全氟辛酸甲酯(Me-PFOA)	376-27-2	0.200
78	--	全氟辛酸乙酯(Et-PFOA)	3108-24-5	0.200
79	--	1H,1H,2H,2H-全氟癸基丙烯酸酯(8:2 FTA)	27905-45-9	0.100
80	--	1H,1H,2H,2H-甲基丙烯酸全氟癸酯(8:2 FTMA)	1996-88-9	0.100
81	--	全氟辛基碘烷(PFOI)	507-63-1	0.200
82	8:2 FTCA, 及其盐	2H,2H-全氟癸酸(8:2 FTCA)	27854-31-5	0.010
83		四丁基磷 2H,2H-全氟癸酸酯(8:2 FTCA-P(C ₄ H ₉) ₄)	882489-14-7	--
84	--	1H,1H,2H,2H-全氟-1-癸醇(8:2 FTOH)	678-39-7	0.100
85	--	1-碘-1H,1H,2H,2H-全氟癸烷(8:2 FTI)	2043-53-0	0.100
86	--	1H,1H,2H,2H-全氟癸基三乙氧基硅烷(8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	0.100
87	8:2 diPAP, 及其盐	双[2-(全氟辛基)]乙基磷酸酯(8:2 diPAP)	678-41-1	0.010
88		双[2-(全氟辛基)]乙基磷酸酯钠(8:2 diPAP-Na)	114519-85-6	--
89		双(2-羟乙基)铵双(全氟辛基)乙基磷酸氢	57677-97-1	--
90		双[2-(全氟辛基)]乙基磷酸酯铵盐(8:2 diPAP-NH ₄)	93776-20-6	--
91		8:2 氟调聚物磷酸二酯离子	1411713-91-1	--
92	8:3 FTCA, 及其盐	2H,2H,3H,3H-全氟十一烷酸(8:3 FTCA)	34598-33-9	0.010
93		2H,2H,3H,3H-全氟十一烷酸钾(8:3 FTCA-K)	83310-58-1	--
94		2H,2H,3H,3H-全氟十一酸锂(8:3 FTCA-Li)	67304-23-8	--
95	--	全氟辛基乙烯(PFDE)	21652-58-4	0.100
96	--	3-全氟庚基丙酸(7:3 FTCA)	812-70-4	0.010
97	--	1H,1H,2H,2H-全氟癸基三氯硅烷	78560-44-8	0.100
98	--	1H,1H,2H,2H-全氟癸基三甲氧基硅烷	83048-65-1	

SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 6 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
99	--	2H-全氟-2-癸烯酸(8:2 FTUCA)	70887-84-2	0.010
100	--	6:8 全氟次膦酸(6:8 PFPi)	610800-34-5	0.010
101	8:8 PFPi, 及其盐	8:8 全氟次膦酸 (8:8 PFPi)	40143-79-1	0.010
102		8:8 全氟次膦酸钠盐 (8:8 PFPi-Na)	500776-69-2	--
103		8:8 全氟次膦酸铒(3+)盐 (8:8 PFPi-Er)	500776-70-5	--
104		8:8 全氟次膦酸镱(3+)盐 (8:8 PFPi-Yb)	500776-71-6	--
105	--	1H,1H,2H,2H-全氟十二烷基乙酸酯 (8:2 FTOAc)	37858-04-1	0.100
106	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
107		8:2 氟调聚物磷酸二铵盐	93857-44-4	--
108		8:2 氟调聚物磷酸钠盐	438237-75-3	--
109		双[2-(全氟辛基)乙基]磷酸铵盐	1764-95-0	--
110		单[2-(全氟辛基)乙基]磷酸铵盐	92401-44-0	--
111		单[2-(全氟辛基)乙基]磷酸单钠盐	144965-22-0	--
112		单[2-(全氟辛基)乙基]磷酸单钾盐	150033-28-6	--
113		单[2-(全氟辛基)乙基]磷酸氢铵盐	2353-52-8	--
114	PFNA, 及其盐	全氟壬酸(PFNA)	375-95-1	0.010
115		全氟壬酸钠(PFNA-Na)	21049-39-8	--
116		全氟壬酸铵(PFNA-NH ₄)	4149-60-4	--
117		全氟壬酸钾(PFNA-K)	21049-38-7	--
118		全氟壬酸锂(PFNA-Li)	60871-92-3	--
119		全氟壬酸银(PFNA-Ag)	7358-16-9	--
120		全氟壬酸甲铵(PFNA-NH ₃ (CH ₃))	77032-23-6	--
121		全氟壬酸-N-乙基乙胺(1:1) (PFNA-NH ₂ (C ₂ H ₅) ₂)	77032-27-0	--
122		全氟壬酸-N-甲基甲胺(1:1) (PFNA-NH ₂ (CH ₃) ₂)	77032-24-7	--
123		全氟壬酸-N, N-二乙基乙酰胺(1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	327176-80-7	--
124		全氟壬酸-哌啶(1:1) (9CI) (PFNA-NH ₂ (C ₅ H ₁₀))	95682-66-9	--
125		全氟壬酸-苯胺(1:1) (PFNA-NH ₃ (C ₆ H ₅))	95682-67-0	--
126		全氟壬酸-环己胺(1:1) (9CI) ((PFNA-NH ₃ (C ₆ H ₁₁))	328531-06-2	--
127		全氟壬酸盐	72007-68-2	--
128		全氟壬酸磺胺甲氧基哒嗪(PFNA-C ₁₁ H ₁₂ N ₄ O ₃ S)	298703-33-0	--
129		全氟壬酸酐(PFNAA)	228407-54-3	--
130		全氟壬酰氯(PFNA-Cl)	52447-23-1	--
131		全氟壬酰氟(PFNA-F)	558-95-2	--
132	PFDA, 及其盐	全氟癸酸(PFDA)	335-76-2	0.010
133		全氟癸酸钠(PFDA-Na)	3830-45-3	--

SGS-CSI Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 7 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
134		全氟癸酸铵(PFDA-NH ₄)	3108-42-7	--
135		全氟癸酸钾(PFDA-K)	51604-85-4	--
136		全氟癸酸银(PFDA-Ag)	5784-82-7	--
137		全氟癸酸锂(PFDA-Li)	84743-32-8	--
138		全氟癸酸盐	73829-36-4	--
139		全氟癸酸酐(PFDAA)	942199-24-8	--
140		全氟癸酰氯(PFDA-Cl)	307-38-0	--
141		全氟癸酰氟(PFDA-F)	--	--
142		全氟十一烷酸(PFUnDA)	2058-94-8	0.010
143	PFUnDA, 及其盐	全氟十一烷酸钠(PFUnDA-Na)	60871-96-7	--
144		全氟十一烷酸铵(PFUnDA-NH ₄)	4234-23-5	--
145		全氟十一烷酸钾(PFUnDA-K)	30377-53-8	--
146		全氟十一烷酸钙(PFUnDA-Ca)	97163-17-2	--
147		全氟十一烷酸盐	196859-54-8	--
148	PFDODA, 及其盐	全氟十二烷酸(PFDODA)	307-55-1	0.010
149		全氟十二烷铵(PFDODA-NH ₄)	3793-74-6	--
150		全氟十二烷酸盐	171978-95-3	--
151	PFTTrDA, 及其盐	全氟十三烷酸(PFTTrDA)	72629-94-8	0.010
152		全氟十三烷酸铵(PFTTrDA-NH ₄)	4288-72-6	--
153		全氟十三烷酸钠(PFTTrDA-Na)	60872-01-7	--
154		全氟十三烷酸盐	862374-87-6	--
155	PFTDA, 及其盐	全氟十四烷酸(PFTDA)	376-06-7	0.010
156		全氟十四烷酸盐	365971-87-5	--
157	--	全氟-3,7-二甲基辛酸(PF-3,7-DMOA)	172155-07-6	0.010
158	PFDS, 及其盐	全氟癸烷磺酸(PFDS)	335-77-3	0.010
159		全氟癸烷磺酸钠(PFDS-Na)	2806-15-7	--
160		全氟癸烷磺酸钾(PFDS-K)	2806-16-8	--
161		全氟癸基磺酸铵(PFDS-NH ₄)	67906-42-7	--
162		全氟癸基磺酸盐	126105-34-8	--
163		全氟癸烷磺酸酐(PFDOSA)	51667-62-0	--
164		全氟癸烷磺酰氟(PFDS-F)	307-51-7	--
165		全氟癸烷磺酰氯(PFDS-Cl)	32779-61-6	--
166	--	1H,1H,2H,2H-全氟-1-十二烷醇(10:2 FTOH)	865-86-1	0.100
167	--	1H,1H,2H,2H-全氟十二烷基丙烯酸酯(10:2 FTA)	17741-60-5	0.100
168	--	2-(全氟癸基)甲基丙烯酸乙酯(10:2 FTMA)	2144-54-9	0.100
169	--	1,1,2,2-四氢全氟-1-十四醇(12:2 FTOH)	39239-77-5	0.100



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSI Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 8 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
170	10:2 FTS, 及其盐	1H,1H,2H,2H-全氟十二烷磺酸(10:2 FTS)	120226-60-0	0.100
171		1H,1H,2H,2H-全氟十二烷磺酸钠(10:2 FTS-Na)	108026-35-3	--
172		1H,1H,2H,2H-全氟十二烷磺酰氯(10:2 FTS-Cl)	27619-91-6	--
173	--	全氟癸基乙基碘(10:2 FTI)	2043-54-1	0.100
174	--	1H,1H,2H,2H-全氟四环碘化物(12:2 FTI)	30046-31-2	0.100
175	PFNS, 及其盐	全氟壬烷磺酸(PFNS)	68259-12-1	0.010
176		全氟壬烷磺酸钠(PFNS-Na)	98789-57-2	--
177		全氟壬烷磺酸铵(PFNS-NH ₄)	17202-41-4	--
178		全氟壬烷磺酸钾(PFNS-K)	29359-39-5	--
179		全氟壬烷磺酸盐	474511-07-4	--
180		全氟壬烷磺酰氟(PFNS-F)	68259-06-3	--
181	PFUnDS, 及其盐	全氟十一烷磺酸(PFUnDS)	749786-16-1	0.010
182		全氟十一烷磺酸盐	441296-91-9	--
183	PFD _o DS, 及其盐	全氟十二烷磺酸(PFD _o DS)	79780-39-5	0.010
184		全氟十二烷磺酸钠(PFD _o DS-Na)	1260224-54-1	--
185		全氟十二烷磺酸钾(PFD _o DS-K)	85187-17-3	--
186		全氟十二烷磺酸盐	343629-43-6	--
187	PFTrDS, 及其盐	全氟十三烷磺酸(PFTrDS)	791563-89-8	0.010
188		全氟十三烷磺酸钠(PFTrDS-Na)	174675-49-1	--
189	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
190		2,2'-亚氨基二乙醇双[2-(全氟癸基)乙基]磷酸盐 (10:2 diPAP-C ₄ H ₁₁ O ₂)	57677-98-2	--
191	--	1-碘全氟癸烷(PFDI)	423-62-1	0.100
192	--	全氟碘代十二烷(PFD _o DI)	307-60-8	0.100
193	--	2H-全氟-2-十二烯酸(10:2 FTUCA)	70887-94-4	0.010
194	--	2-全氟癸基乙酸(10:2 FTCA)	53826-13-4	0.010
195	--	1H,1H,2H,2H-全氟癸基乙酸酯 (10:2 FTOAc)	37858-05-2	0.100
196	PFHxS, 及其盐&衍生物	全氟己基磺酸(PFHxS)	355-46-4	0.010
197		全氟己基磺酸钠(PFHxS-Na)	82382-12-5	--
198		全氟己基磺酸钾(PFHxS-K)	3871-99-6	--
199		全氟己基磺酸锂(1:1)(PFHxS-Li)	55120-77-9	--
200		全氟己基磺酸铵(PFHxS-NH ₄)	68259-08-5	--
201		全氟己基磺酸三苯基(苯基甲基)-磷鎓盐(PFHxS-BTPP)	1000597-52-3	--
202		N,N,N-三丁基丁烷-1-胺全氟己基磺酸盐(PFHxS-N(C ₄ H ₉) ₄)	108427-54-9	--
203		N,N,N-三乙基乙胺全氟己基磺酸盐(PFHxS-N(C ₂ H ₅) ₄)	108427-55-0	--



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 9 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
204		全氟己基磺酸与四氢吡咯络合物(PFHxS-NC ₄ H ₉)	1187817-57-7	--
205		全氟-1-己基磺酸-N-[4-[[4-(二乙基氨基)苯基][4-(乙基氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-乙基-乙铵盐(PFHxS-(NC ₁₀ H ₁₄) ₃ C ₅ H ₄)	1310480-24-0	--
206		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 ₈ H ₁₀) ₂ C ₁₃ H ₁₂)	1310480-27-3	--
207		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 ₈ H ₁₀) ₂ C ₁₇ H ₁₂)	1310480-28-4	--
208		全氟己基磺酸与 β-环糊精络合物(PFHxS-C ₄₂ H ₇₀ O ₃₅)	1329995-45-0	--
209		全氟己基磺酸与 γ-环糊精络合物(PFHxS-C ₄₈ H ₈₀ O ₄₀)	1329995-69-8	--
210		全氟己基磺酸三苯基硫鎓盐(TPS-PFHxS)	144116-10-9	--
211		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]呋喃-7-基]乙烯基]盐(PFHxS-C ₄₄ H ₃₇ N ₂ O ₂)	1462414-59-0	--
212		全氟己基磺酸二苯基碘鎓盐(PFHxS-I(C ₆ H ₅) ₂)	153443-35-7	--
213		N,N,N-三甲基-全氟己基磺酸甲基铵盐(PFHxS-TMA)	189274-31-5	--
214		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	--
215		全氟己基磺酸双[4-(1,1-二甲基乙基)苯基]碘鎓盐(PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	213740-81-9	--
216		全氟己基磺酸镓(9Cl)(PFHxS-Ga)	341035-71-0	--
217		全氟己基磺酸双(4-甲基苯基)苯基硫鎓盐(1:1)(PFHxS-S(C ₇ H ₇) ₂ C ₆ H ₅)	341548-85-4	--
218		全氟己基磺酸钪(PFHxS-Sc)	350836-93-0	--
219		全氟己基磺酸钕(PFHxS-Nd)	41184-65-0	--
220		全氟己基磺酸钇(PFHxS-Y)	41242-12-0	--
221		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 ₆ H ₅) ₄ (C ₆ H ₄) ₂)	421555-73-9	--
222		全氟己基磺酸双[4-(1,1-二甲基丙基)苯基]碘鎓盐(PFHxS-I(C ₆ H ₄) ₂ (C ₅ H ₁₁) ₂)	421555-74-0	--
223		全氟己基磺酰氟(PFHxS-F)	423-50-7	--
224		全氟己基磺酸三[4-(1,1-二甲基乙基)苯基]硫鎓盐(PFHxS-S(C ₆ H ₄) ₃ (C ₄ H ₉) ₃)	425670-70-8	--
225		全氟己基磺酸锌(PFHxS-Zn)	70136-72-0	--
226		全氟己基磺酸与 2,2'-亚氨基二乙醇络合物(PFHxS-NH(C ₂ H ₅ O) ₂)	70225-16-0	--

SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgs.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 10 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
227		全氟己基磺酸与三乙胺络合物(1:1)(PFHxS-N(C ₂ H ₅) ₃)	72033-41-1	--
228		全氟己基磺酸双[(1,1-二甲基乙基)苯基]碘鎓盐(PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	866621-50-3	--
229		全氟己基磺酸(4-甲基苯基)二苯硫鎓盐(PFHxS-S(C ₆ H ₅) ₂ C ₇ H ₇)	910606-39-2	--
230		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 ₆ H ₅) ₂ C ₁₀ H ₉ O ₂)	911027-68-4	--
231		全氟己基磺酸铯(1:1)(PFHxS-Cs)	92011-17-1	--
232		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	--
233		全氟己基磺酰氯(PFHxS-Cl)	55591-23-6	--
234		PFHxS-磺酸酯聚合物	911027-69-5	--
235		全氟己基磺酸盐	108427-53-8	--
236		全氟己基磺酸四丁基磷(PFHxS-P(C ₄ H ₉) ₄)	2310194-12-6	--
237	--	N-甲基全氟-1-己磺酰胺(N-Me-PFHxSA)	68259-15-4	0.010
238	--	全氟己烷磺酰胺(PFHxSA)	41997-13-1	0.010
239	--	N-[3-(二甲基氨基)丙基]十三氟己磺酰胺(N-AP-FHxSA)	50598-28-2	0.010
240	--	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
241	--	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
242	--	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
243	--	十三氟-N-(2-羟基乙基)-N-甲基己烷磺酰胺(MeFHxSE)	68555-75-9	0.010
244	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
245		N-乙基-N-[(十三氟己基)磺酰基]甘氨酸钾(EtFHxSAA-K)	67584-53-6	--
246		N-乙基-N-[(十三氟己基)磺酰基]甘氨酸钠(EtFHxSAA-Na)	68555-70-4	--
247	PFHxA, 及其盐&衍生物	全氟己酸(PFHxA)	307-24-4	0.010
248		全氟己酸铵(APFHx)	21615-47-4	--
249		全氟己酸钠(PFHxA-Na)	2923-26-4	--
250		全氟己酸钾(PFHxA-K)	3109-94-2	--
251		全氟己酰氟(PFHxA-F)	355-38-4	--
252		全氟己酸银(PFHxA-Ag)	336-02-7	--
253		全氟己酸锂(PFHxA-Li)	90430-61-8	--
254		全氟己酸酐	308-13-4	--
255		全氟己酸哌嗪(2:1)	423-47-2	--



SGS-STS Standards Technical Services Co., Ltd.
Guangzhou Branch, SGS Technical Services Co., Ltd. Chemical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 11 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
256		全氟己酸盐	92612-52-7	--
257		全氟己酰氯(PFHxA-Cl)	335-53-5	--
258		全氟己酰溴(PFHxA-Br)	1404193-66-3	--
259		全氟己酸己胺(PFHxA-C ₆ H ₁₅ N)	565225-91-4	--
260		全氟己酸苯基哌嗪(PFHxA-C ₁₀ H ₁₄ N ₂)	985-60-4	--
261	--	1H,1H,2H,2H-全氟-1-辛醇(6:2 FTOH)	647-42-7	0.100
262	--	1H,1H,2H,2H-全氟-1-己醇(4:2 FTOH)	2043-47-2	0.400
263	--	1H,1H,2H,2H-全氟辛基丙烯酸酯(6:2 FTA)	17527-29-6	0.200
264	6:2 FTS, 及其盐	1H,1H,2H,2H-全氟辛磺酸(6:2 FTS)	27619-97-2	0.010
265		1H,1H,2H,2H-全氟辛烷磺酸钠(6:2 FTS-Na)	27619-94-9	--
266		1H,1H,2H,2H-全氟辛烷磺酸钾(6:2 FTS-K)	59587-38-1	--
267		1H,1H,2H,2H-全氟辛烷磺酸铵(6:2 FTS-NH ₄)	59587-39-2	--
268		1H,1H,2H,2H-全氟辛磺酸钡(6:2 FTS-Ba)	1807944-82-6	--
269		1H,1H,2H,2H-全氟辛磺酸盐(6:2 FTS(anion))	425670-75-3	--
270		1H,1H,2H,2H-全氟辛磺酰氯(6:2 FTS-Cl)	27619-89-2	--
271		1H,1H,2H,2H-全氟辛磺酰氟(6:2 FTS-F)	--	--
272	--	全氟辛基三乙氧基硅烷(6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	0.500
273	--	1H,1H,2H,2H-全氟辛基三氯硅烷	78560-45-9	0.200
274	--	1H,1H,2H,2H-全氟辛基三甲氧基硅烷(6:2 FTSi(OCH ₃) ₃)	85857-16-5	
275	--	1,1,1,2,2,3,4,5,6,6-三氟-6-碘己烷(PFHx-I)	355-43-1	0.200
276	--	1,1,1,2,2,3,4,5,6,6-三氟-8-碘酮	38550-34-4	0.200
277	--	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
278	--	3,3,4,4,5,5,6,7,8,8-三氟辛酯硫氰酸	26650-09-9	0.200
279	6:2 monoPAP, 及其盐	6:2 磷酸氟调聚物单酯(6:2 monoPAP)	57678-01-0	0.100
280		6:2 磷酸氟调聚物单酯二铵盐(6:2 monoPAP-NH ₄ NH ₄)	1000852-37-8	--
281	--	2H,2H,3H,3H-全氟壬酸(6:3 FTCA)	27854-30-4	0.100
282	--	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
283	--	1H,1H,2H,2H-全氟辛基二甲氯基硅烷(6:2 FTSiMe ₂ Cl)	102488-47-1	0.200
284	--	1H,1H-三氟-1-碘庚烷(6:1 FTI)	212563-43-4	0.200
285	--	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
286	6:2 FTPA, 及其盐	全氟己基乙基膦酸(6:2 FTPA)	252237-40-4	0.100
287		全氟己基乙基膦酸钠(Cheminox FHP ₂ OH-Na(PFHXPA-Na))	1189052-95-6	--
288	--	十一氟正己烷-1-醇(5:1 FTOH)	423-46-1	0.200

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 12 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
289	--	1H,1H-全氟庚-1-醇(6:1 FTOH)	375-82-6	0.200
290	--	3-全氟己基丙醇(6:3 FTOH)	80806-68-4	0.200
291	--	3,3,4,4,5,6,7,7,7-二十氟庚烷-2-醇 (5:2 sFTOH)	914637-05-1	0.200
292	--	1-(全氟己基)辛烷 (F ₆ H ₈)	133331-77-8	0.200
293	--	1H,1H 三氟庚胺 (6:1 FTNH ₂)	423-49-4	0.200
294	--	2H-全氟-2-辛烯酸(6:2 FTUCA)	70887-88-6	0.010
295	6:6 PFPI, 及其盐	6:6 全氟次膦酸(6:6 PFPI)	40143-77-9	0.010
296		6:6 全氟次膦酸钠盐(6:6 PFPI-Na)	70609-44-8	--
297		6:6 全氟次膦酸镱(3+)盐(6:6 PFPI-Yb)	500776-72-7	--
298		6:6 全氟次膦酸铒(3+)盐(6:6 PFPI-Er)	500776-73-8	--
299	PFBA, 及其盐	全氟丁酸(PFBA)	375-22-4	0.010
300		七氟丁酸铵(PFBA-NH ₄)	10495-86-0	--
301		七氟丁酸钠(PFBA-Na)	2218-54-4	--
302		七氟丁酸钾(PFBA-K)	2966-54-3	--
303		七氟丁酸银(PFBA-Ag)	3794-64-7	--
304		全氟丁酸锂(PFBA-Li)	4146-76-3	--
305		七氟丁酸哌嗪(1:1)	375-04-2	--
306		全氟丁酸盐	45048-62-2	--
307		全氟丁酸 4-氯重氮苯六氟磷酸盐(PFBA-C ₆ H ₄ ClF ₆ N ₂ P)	--	--
308		全氟正丁酸苯基哌嗪(1:1) (PFBA-C ₁₀ H ₁₄ N ₂)	2263-11-8	--
309		全氟正丁酸酐(PFBAA)	336-59-4	--
310		全氟正丁酸钙(PFBA-Ca)	2366-98-5	--
311		全氟正丁酸铑 Rhodium(II) (PFBA-Rh)	73755-28-9	--
312		全氟丁酰氯(PFBA-Cl)	375-16-6	--
313		全氟丁酰氟(PFBA-F)	335-42-2	--
314		全氟丁磺酸(PFBS)	375-73-5	0.010
315		全氟丁基磺酸钾(PFBS-K)	29420-49-3	--
316		全氟丁基磺酸水合物(PFBS-H ₂ O)	59933-66-3	--
317		九氟-1-丁烷磺酸锂(PFBS-Li)	131651-65-5	--
318	PFBS, 及其盐&衍生物	全氟丁基磺酸三苯基铊盐(TPS-PFBS)	144317-44-2	--
319		全氟丁基磺酸二甲基(苯基)铊(PFBS-S(CH ₃) ₂ (C ₆ H ₅))	220133-51-7	--
320		全氟丁基磺酸四丁基磷(PFBS-P(C ₄ H ₉) ₄)	220689-12-3	--
321		N,N,N-三乙基乙醇胺全氟丁基磺酸(PFBS-N(C ₂ H ₅) ₃)	25628-08-4	--
322		全氟丁基磺酰氟(PFBS-F)	375-72-4	--
323		全氟丁磺酸吗啉(PFBS-NC ₄ H ₉ O)	503155-89-3	--

SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 13 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
324		全氟丁基磺酸镁(PFBS-Mg)	507453-86-3	--
325		全氟丁基磺酸铵(PFBS-NH ₄)	68259-10-9	--
326		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	--
327		全氟丁基磺酰氯(PFBS-Cl)	2991-84-6	--
328		全氟丁基磺酸钠(PFBS-Na)	60453-92-1	--
329		全氟-1-丁磺酸双(4-叔丁基苯基)碘鎓(PFBS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	194999-85-4	--
330		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 ₂ H ₅ O) ₂)	70225-18-2	--
331		全氟丁基磺酸四丁基铵((PFBS-N(C ₄ H ₉) ₄))	108427-52-7	--
332		全氟丁基磺酸二苯碘((PFBS-I(C ₆ H ₅) ₂))	194999-82-1	--
333		全氟丁基磺酸三(4-叔丁基苯基)硫	241806-75-7	--
334		全氟丁基磺酸(4-环己基苯基)(二苯基)硫	425670-64-0	--
335		全氟丁基磺酸 1-(1-甲基-1H-吡啶-3-基)硫醇-1-鎓	867373-18-0	--
336		全氟丁基磺酸 1-乙基-3-甲基吡啶鎓	1015420-87-7	--
337		全氟丁基磺酸 1-甲基-3-辛基咪唑鎓	905972-83-0	--
338		全氟丁基磺酸 1-己基-3-甲基咪唑鎓	1001557-05-6	--
339		全氟丁基磺酸 N,N-二甲基-N-(丙-2-基)丙-2-胺	374571-81-0	--
340		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	--
341		全氟丁基磺酸 N,N-二丁基-N-甲基丁烷-1-胺(1:1)	124472-66-8	--
342		全氟丁基磺酸锌(2:1)(PFBS-Zn)	502457-69-4	--
343		全氟丁基磺酸 N,N,N-三丙基戊烷(1:1)	56773-55-8	--
344		全氟丁基磺酸四甲基铵盐 (PFBS-N(CH ₃) ₄)	25628-17-5	--
345		全氟丁烷磺酸酐	36913-91-4	--
346		全氟丁基磺酸盐	45187-15-3	--
347		1-(4-丁氧基-1-萘基)九氟丁烷-1-磺酸四氢噻吩	EC: 468-770-4	--
348		全氟丁基磺酸三乙基铵	182059-38-7	--
349		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	--
350		全氟丁基磺酸 1-十六烷基吡啶鎓	334529-62-3	--
351		全氟丁基磺酸 1-丁基吡啶鎓	334529-64-5	--
352		N-甲基-N,N-二辛基-1-辛铵全氟-1-丁磺酸盐	495417-51-1	--
353		三(4-甲基苯基)磺与全氟-1-丁磺酸的盐(1:1)	722538-68-3	--
354	PFPeA, 及其盐	全氟戊酸(PFPeA)	2706-90-3	0.010
355		全氟戊酸钠(PFPeA-Na)	2706-89-0	--

SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch, China

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgs.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 14 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
356		全氟戊酸钾(PFPeA-K)	336-23-2	--
357		全氟戊酸锂(PFPeA-Li)	198482-22-3	--
358		全氟戊酸银(PFPeA-Ag)	2795-30-4	--
359		全氟戊酸铵(PFPeA-NH ₄)	68259-11-0	--
360		全氟戊酸盐	45167-47-3	--
361		全氟戊酸苄基硫脲 (PFPeA-C ₈ H ₁₀ N ₂ S)	64808-55-5	--
362		全氟戊酸酐 (PFPeAA)	308-28-1	--
363		全氟戊酰氯(PFPeA-Cl)	375-60-0	--
364		全氟戊酰氟(PFPeA-F)	375-62-2	--
365		7H-十二氟庚酸(HPFHpA)	1546-95-8	0.010
366	HPFHpA, 及其盐	7H-十二氟庚酸钠(HPFHpA-Na)	2264-25-7	--
367		7H-十二氟庚酸铵(HPFHpA-NH ₄)	376-34-1	--
368		7H-十二氟庚酸盐 (HPFHpA(anion))	69681-35-2	--
369		7H-十二氟庚酸钾(HPFHpA-K)	--	--
370		7H-十二氟庚酸锂(HPFHpA-Li)	--	--
371		7H-十二氟庚酰氯(HPFHpA-Cl)	41405-35-0	--
372		7H-十二氟庚酰氟 (HPFHpA-F)	5927-65-1	--
373		全氟庚烷磺酸(PFHpS)	375-92-8	0.010
374	PFHpS, 及其盐	全氟庚基磺酸钠(PFHpS-Na)	21934-50-9	--
375		全氟庚基磺酸钾(PFHpS-K)	60270-55-5	--
376		全氟庚磺酸铵(PFHpS-NH ₄)	68259-07-4	--
377		全氟庚烷磺酸锂(PFHpS-Li)	117806-54-9	--
378		全氟庚烷磺酸-双(2-羟乙基)铵(1:1)	70225-15-9	--
379		全氟庚烷磺酸盐	146689-46-5	--
380		全氟庚烷磺酸三乙基铵	72033-40-0	--
381		全氟庚烷磺酸四乙基铵	439863-97-5	--
382		全氟庚烷磺酸酐(PFHpSA)	140429-92-1	--
383		全氟庚烷磺酰氟(PFHpS-F)	335-71-7	--
384		全氟庚烷磺酰氯(PFHpS-Cl)	33018-82-5	--
385		全氟庚酸(PFHpA)	375-85-9	0.010
386	PFHpA, 及其盐	全氟庚酸钠(PFHpA-Na)	20109-59-5	--
387		全氟庚酸钾(PFHpA-K)	21049-36-5	--
388		全氟庚酸铵(PFHpA-NH ₄)	6130-43-4	--
389		全氟庚酸铯(PFHpA-Cs)	171198-24-6	--
390		全氟庚酸银(PFHpA-Ag)	424-05-5	--
391		全氟庚酸锂(PFHpA-Li)	60871-90-1	--



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-STS Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司
Guangzhou Branch / 广州分公司

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 15 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
392		全氟庚酸盐	120885-29-2	--
393		全氟正庚酸酐(PFHpAA)	78225-99-7	--
394		全氟庚酰氯(PFHpA-Cl)	52447-22-0	--
395		全氟庚酰氟(PFHpA-F)	375-84-8	--
396	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
397		2,3,3,3-四氟-2-(七氟丙氧基)丙酸铵(HFPO-DA-NH ₄)	62037-80-3	--
398		2,3,3,3-四氟-2-(七氟丙氧基)丙酸钾(HFPO-DA-K)	67118-55-2	--
399		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	--
400		2,3,3,3-四氟-2-(七氟丙氧基)-, (+)-丙酸	75579-39-4	--
401		2,3,3,3-四氟-2-(七氟丙氧基)-, (-)-丙酸	75579-40-7	--
402		2,3,3,3-四氟-2-(七氟丙氧基)丙酸钠	67963-75-1	--
403		全氟(2-丙氧基丙酸酯)	122499-17-6	--
404		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	--
405		全氟-2-丙氧基丙酸三乙胺	165951-18-8	--
406		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	--
407		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 ₃ NO ₂)	2412106-69-3	--
408	4:2 FTS, 及 其盐	1H,1H,2H,2H-全氟己烷磺酸(4:2 FTS)	757124-72-4	0.010
409		1H,1H,2H,2H-全氟己烷磺酸钠	27619-93-8	--
410		1H,1H,2H,2H-全氟己烷磺酸盐(4:2 FTS(anion))	414911-30-1	--
411	PFPeS, 及其 盐	全氟戊磺酸(PFPeS)	2706-91-4	0.010
412		全氟戊磺酸钠(PFPeS-Na)	630402-22-1	--
413		全氟戊磺酸钾(PFPeS-K)	3872-25-1	--
414		全氟戊磺酸铵(PFPeS-NH ₄)	68259-09-6	--
415		全氟戊磺酸-双(2-羟乙基)铵	70225-17-1	--
416		全氟戊磺酸锂(PFPeS-Li)	1046864-81-6	--
417		全氟戊磺酸盐	175905-36-9	--
418		全氟戊磺酸三乙基铵	72033-42-2	--
419		全氟戊烷磺酸酐(PFPeSA)	161877-72-1	--
420	--	2-全氟己基乙酸(6:2 FTCA)	53826-12-3	0.010
421	5:3 FTCA, 及其盐	3-全氟戊基丙酸(5:3 FTCA)	914637-49-3	0.010
422		2H,2H,3H,3H 全氟辛酸盐(5:3 FTCA(anion))	1799325-94-2	--
423	PFHxDA, 及 其盐	全氟正十六酸(PFHxDA)	67905-19-5	0.010
424		全氟正十六酸盐 (PFHxDA(anion))	1214264-30-8	--

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 16 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
425	PFODA, 及其盐	全氟正十八酸(PFODA)	16517-11-6	0.010
426		全氟正十八酸盐(PFODA(anion))	798556-82-8	--
427	--	1H,1H,2H,2H-甲基丙烯酸全氟辛酯(6:2 FTMA)	2144-53-8	0.200
428	ADONA, 及其盐	4,8-二氧-3H-全氟壬酸(ADONA)	919005-14-4	0.010
429		4,8-二氧杂-3H-全氟壬酸铵(ADONA-NH ₄)	958445-44-8	--
430		4,8-二氧杂-3H-全氟壬酸钠(ADONA-Na)	2250081-67-3	--
431		4,8-二氧-3H-全氟壬酸钾 (ADONA-K)	1087271-46-2	--
432		4,8-二氧-3H-全氟壬酸盐 (ADONA (anion))	2127366-90-7	--
433	PFMPA, 及其盐	全氟-3-甲氧基丙酸(PFMPA)	377-73-1	0.010
434		2,2,3,3-四氟-3-(三氟甲氧基)丙酸酐 (PFMPAA)	42566-65-4	--
435	--	全氟-4-甲氧基丁酸(PFMBA)	863090-89-5	0.010
436	--	全氟-3,6-二氧杂庚酸(NFDHA)	151772-58-6	0.010
437	9CI-PF ₃ ONS, 及其盐	9-氯十六氟-3-氧代壬烷-1-磺酸(9CI-PF ₃ ONS)	756426-58-1	0.010
438		9-氯十六氟-3-氧代壬烷-1-磺酸钾 (9CI-PF ₃ ONS-K)	73606-19-6	--
439		9-氯十六氟-3-氧代壬烷-1-磺酸铵 (9CI-PF ₃ ONS-NH ₄)	1383434-28-3	--
440		9-氯-3-氧杂全氟壬烷磺酸盐 (9CI-PF ₃ ONS (anion))	1621485-21-9	--
441	11CI-PF ₃ OUdS, 及其盐	11-氯二十碳氟-3-氧十一烷-1-磺酸(11CI-PF ₃ OUdS)	763051-92-9	0.010
442		11-氯二十碳氟-3-氧十一烷-1-磺酸钾(11CI-PF ₃ OUdS-K)	83329-89-9	--
443		11-氯-3-氧杂全氟十一烷磺酸盐 (11CI-PF ₃ OUdS (anion))	2196242-82-5	--
444	PFEEESA, 及其盐	全氟(2-乙氧基乙烷)磺酸(PFEESA)	113507-82-7	0.010
445		全氟(2-乙氧基乙烷)磺酸钾 (PFEESA-K)	117205-07-9	--
446		全氟(2-乙氧基乙烷)磺酸钠 (PFEESA-Na)	113507-87-2	--
447	3:3 FTCA, 及其盐	3-全氟丙基丙酸(3:3 FTCA)	356-02-5	0.010
448		4,4,5,6,6,6-七氟己酸盐 (3:3 FTCA(anion))	1169706-83-5	--
449		2H,2H,3H,3H-全氟己酸钠(3:3 FTCA-Na)	1207462-13-2	--
450	PFPeDA, 及其盐	全氟十五烷酸(PFPeDA)	141074-63-7	0.100
451		全氟十五烷酸盐(PFPeDA(anion))	1214264-29-5	--
452	--	1H,1H,2H,2H-全氟己基甲基丙烯酸酯(4:2 FTMA)	1799-84-4	0.200
453	--	2-(N-乙基全氟辛烷磺酰胺基)丙烯酸乙酯(EtFOSAC)	423-82-5	0.200
454	--	1-碘-1H,1H,2H,2H-全氟辛烷(6:2 FTI)	2043-57-4	0.200
455	--	九氟丁烷磺酰胺(PFBSA)	30334-69-1	0.100
456	--	N-(2-羟乙基)-N-甲基全氟丁烷磺酰胺(PFBS-NC ₃ H ₈ O)	34454-97-2	0.010
457		11H-全氟十一烷酸(11H-PFUnDA)	1765-48-6	0.100
458		11H-全氟十一烷酸钾(11H-PFUnDA-K)	307-71-1	--



SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 17 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
459	11H-PFUnDA, 及其盐	11H-全氟十一烷酸铵(11H-PFUnDA-NH ₄)	5081-02-7	--
460		11H-全氟十一烷酸盐 (11H-PFUnDA(anion))	69681-37-4	--
461	PFPrA, 及其盐	五氟丙酸(PFPrA)	422-64-0	0.100
462		五氟丙酸钠(PFPrA-Na)	378-77-8	--
463		五氟丙酸银(PFPrA-Ag)	509-09-1	--
464		五氟丙酸钾(PFPrA-K)	378-76-7	--
465		五氟丙酸铵(PFPrA-NH ₄)	2730-58-7	--
466		五氟丙酸盐(PFPrA(anion))	44864-55-3	--
467		五氟丙酸苯基吡啶 (1/1) (PFPrA-C ₁₀ H ₁₄ N ₂)	893-87-8	--
468		五氟丙酸吡啶(1/1) (PFPrA-C ₄ H ₁₀ N ₂)	1690-94-4	--
469		五氟丙酸咪唑(PFPrA-C ₃ H ₄ N ₂)	200705-90-4	--
470	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
471		全氟-2,5-二甲基-3,6-二氧杂壬酸钾 (HFPO-TA-K)	67118-57-4	--
472		全氟-2,5-二甲基-3,6-二氧杂壬酸钠 (HFPO-TA-Na)	67963-76-2	--
473		全氟-2,5-二甲基-3,6-二氧杂壬酸铵 (HFPO-TA-NH ₄)	13043-05-5	--
474		全氟-2,5-二甲基-3,6-二氧杂壬酰基氟化物 (HFPO-TA-F)	2641-34-1	--
475	PFETs, 及其盐	全氟乙烷磺酸(PFETs)	354-88-1	0.010
476		全氟乙烷磺酸盐 (PFETs (anion))	108410-37-3	--
477		全氟乙烷磺酸钾 (PFETs-K)	2837-92-5	--
478	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
479		双[2-(全氟己基)乙基]磷酸(6:2 diPAP-Na)	407582-79-0	--
480		双[2-(全氟己基)乙基]磷酸盐离子(6:2 diPAP(Anion))	667465-18-1	--
481	TFSl, 及其盐	双(三氟甲烷)磺酰亚胺(TFSI)	82113-65-3	0.010
482		1-丁基-1-甲基吡咯烷双(三氟甲烷)磺酰亚胺	223437-11-4	--
483		三丁基甲基铵双(三氟甲烷)磺酰亚胺	405514-94-5	--
484		双(三氟甲烷)磺酰亚胺锂(TFSI-Li)	90076-65-6	--
485		1-癸基-3-甲基咪唑双(三氟甲烷)磺酰亚胺	433337-23-6	--
486		双(三氟甲磺酰基)亚胺锌 II ((TFSI) ₂ -Zn)	168106-25-0	--
487		双(三氟甲磺酰基)亚胺锰 II ((TFSI) ₂ -Mn)	207861-55-0	--
488		双(三氟甲磺酰基)亚胺镍 II ((TFSI) ₂ -Ni)	207861-63-0	--
489		双(三氟甲磺酰基)亚胺铜 II ((TFSI) ₂ -Cu)	162715-14-2	--
490		三[1,1,1-三氟-N-[(三氟甲基)磺酰基-KO]甲磺酰基-KO]-铁 ((TFSI) ₃ -Fe)	207861-59-4	--
491		三氟甲烷磺酰亚胺铜 II 二水合物 ((TFSI) ₂ -CuH ₂ O)	1334406-76-6	--
492		双(三氟甲烷磺酰亚胺)银 (TFSI-Ag)	189114-61-2	--



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 18 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
493		双(三氟甲基磺酰基)亚胺铜 (TFSl-Cu)	291300-50-0	--
494		双(三氟甲烷磺酰基)钡((TFSl) ₂ -Ba)	168106-22-7	--
495		双(三氟甲基磺酰基)亚胺锶 ((TFSl) ₂ -Sr)	862121-57-1	--
496		1-甲基咪唑双(三氟甲磺酰基)亚胺	353239-08-4	--
497		1-乙基-3-甲基咪唑双	174899-82-2	--
498		1,2-二甲基-3-丙基咪唑双(三氟甲基磺酰基)亚胺盐	169051-76-7	--
499		双(三氟甲基磺酰基)亚胺镁 (TFSl-Mg)	133395-16-1	--
500		1-甲基-3-丙基咪唑双(三氟甲基磺酰基)亚胺盐	216299-72-8	--
501		1-丁基-1-甲基咪唑双(三氟甲基磺酰基)亚胺盐	623580-02-9	--
502		1-甲基-3-正辛基咪唑双(三氟甲磺酰基)亚胺盐	178631-04-4	--
503		三[双(三氟甲基磺酰基)氨基]镱 ((TFSl) ₃ -Yb)	175438-43-4	--
504		丁基-三甲基双(三氟甲基磺酰基)亚胺铵	258273-75-5	--
505		双(三氟甲基磺酰基)亚胺钴 ((TFSl) ₂ -Co)	207861-61-8	--
506		双(三氟甲磺酰基)亚胺钾 (TFSl-K)	90076-67-8	--
507		1-甲基-1-丙基哌啶-1-鎓双(三氟甲基)磺酰基)-酰胺	608140-12-1	--
508		1-乙基-2,3-二甲基咪唑双(三氟甲烷磺酰基)亚胺盐	174899-90-2	--
509		1-甲基-1-丙基吡咯烷鎓双(三氟甲磺酰基)亚胺盐	223437-05-6	--
510		1,1,1-三氟-N-三氟甲烷磺酰基-N-(N-三氟甲烷磺酰基-三氟甲烷磺酰胺基)-羟基)-甲磺酰胺 ((TFSl) ₂ -Ca)	165324-09-4	--
511		双(三氟甲基磺酰基)亚胺胆碱	827027-25-8	--
512		1-十二烷基-3-甲基咪唑双(三氟甲磺酰基)亚胺盐	404001-48-5	--
513		1-乙基-1-甲基吡咯烷双(三氟甲基磺酰基)亚胺盐	223436-99-5	--
514		二乙基甲基硫双(三氟甲基磺酰基)亚胺	792188-85-3	--
515		双(三氟甲基磺酰基)叠氮化物: 汞(2+) ((TFSl) ₂ -Hg)	104715-41-5	--
516	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
517		单[2-(全氟癸基)乙基]磷酸双铵盐	93857-45-5	-
518		二十一氟十二烷基磷酸二氢酯环己铵盐	2514858-66-1	--
519	-	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
520	TFMS, 及其 盐	三氟甲磺酸(TFMS)	1493-13-6	0.010
521		三氟甲磺酸钠盐(TFMS-Na)	2926-30-9	0.010
522		三氟甲磺酸银盐(TFMS-Ag)	2923-28-6	--
523		三氟甲磺酸锌盐(TFMS-Zn)	54010-75-2	--
524		三氟甲磺酸钪盐(TFMS-Sc)	144026-79-9	--
525		三氟甲磺酸酐	358-23-6	--
526		三氟甲磺酸锂盐(TFMS-Li)	33454-82-9	--
527		三氟甲磺酸铜盐(TFMS-Cu)	34946-82-2	--
528		三氟甲磺酸钡盐(TFMS-Ba)	2794-60-7	--



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 19 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
529		三氟甲磺酸铈盐(TFMS-Ce)	107792-63-2	--
530		三氟甲磺酸镁盐(TFMS-Mg)	60871-83-2	--
531		三氟甲磺酸钾盐(TFMS-K)	2926-27-4	--
532		三氟甲磺酸镍盐(TFMS-Ni)	60871-84-3	--
533		三氟甲磺酸锡盐(TFMS-Sn)	62086-04-8	--
534		三氟甲磺酸钇盐(TFMS-Y)	52093-30-8	--
535		三氟甲磺酸铁盐(TFMS-Fe)	63295-48-7	--
536		三氟甲磺酸铈盐(TFMS-Ce)	76089-77-5	--
537		三氟甲磺酸四丁基铵	35895-70-6	--
538		三氟甲磺酸甲基三辛基铵	121107-18-4	--
539		咪唑三氟甲磺酸酯	29727-06-8	--
540		三氟乙酰基三氟甲磺酸酯	68602-57-3	--
541		三氟甲磺酸镧(III) (TFMS-La)	52093-26-2	--
542		三氟甲磺酸铟(III) (TFMS-In)	128008-30-0	--
543		三氟甲磺酸钐(III)(TFMS-Sm)	52093-28-4	--
544		三氟甲磺酸铋(III) (TFMS-Yb)	54761-04-5	--
545		三氟甲磺酸铥(III) (TFMS-Tm)	141478-68-4	--
546		三氟甲磺酸四乙基铵	35895-69-3	--
547		三氟甲磺酸 1-氟-3,5-二氯吡啶	107264-06-2	--
548		三氟甲磺酸三乙胺盐	646-58-2	--
549		三苯基三氟甲磺酸酐磷	72450-51-2	--
550		N, N-二乙基-6-(二乙氨基)-9-(2-(甲氧羰基)苯基)-3H-噻-3-亚基三氟甲磺酸铵	120611-30-5	--
551		三氟甲磺酸二苯铵	164411-06-7	--
552		1-(3-氨基氮杂环丁烷-1-基)丙-2-烯-1-酮, 三氟甲磺酸	2060047-56-3	--
553		三氟甲磺酸胍	153756-25-3	--
554		三氟甲磺酸-1-乙基-1H-咪唑 (1/1)	501693-46-5	--
555		钆(3+) (OC-6-22)-与三氟甲磺酸 (1:3)的盐	74468-24-9	--
556		O-新戊酰基羟胺三氟甲磺酸酯	1293990-73-4	--
557		三氟甲磺酰氯	421-83-0	--
558		(2-吡啶甲基)磺酰氯三氟甲磺酸酯	882564-09-2	--
559		三氟甲磺酰溴	15458-53-4	--
560		三氟甲磺酸汞(II)(TFMS-Hg)	49540-00-3	--
561		三氟甲磺酸镝(III)(TFMS-Dy)	139177-62-1	--
562		三氟甲磺酸锰(II)(TFMS-Mn)	55120-76-8	--
563		三氟甲磺酸五胺钪(III)	83781-30-0	--
564		三氟甲磺酸镱(III)(TFMS-Lu)	126857-69-0	--



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 20 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
565		三氟甲磺酸铋(III)(TFMS-Tb)	148980-31-8	--
566		三氟甲磺酸钕(III)(TFMS-Nd)	34622-08-7	--
567		三氟甲磺酸铵(TFMS-NH ₄)	38542-94-8	--
568		三氟甲磺酸铥(III)(TFMS-Ho)	139177-63-2	--
569		三氟甲磺酸酯	37181-39-8	--
570		三氟甲磺酸镨(III)(TFMS-Pr)	52093-27-3	--
571		三氟甲磺酸铋(III)(TFMS-Bi)	88189-03-1	--
572		三氟甲磺酸铈(III)(TFMS-Eu)	52093-25-1	--
573		三氟甲磺酸铒(III)(TFMS-Er)	139177-64-3	--
574		三氟甲磺酸镓(III)(TFMS-Ga)	74974-60-0	--
575		N,N,N-三乙基-2,2,2-三氟乙烷-1-三氟甲磺酸铵	380230-73-9	--
576		三氟甲磺酸钙(II)(TFMS-Ga)	55120-75-7	--
577		三氟甲磺酸铊(I)(TFMS-Tl)	73491-36-8	--
578		三氟甲磺酸铪(IV)(TFMS-Hf)	161337-67-3	--
579	PFPrS, 及其盐	全氟丙烷磺酸(PFPrS)	423-41-6	0.010
580		全氟丙烷磺酸钠(PFPrS-Na)	359868-82-9	--
581	-	1-全氟庚基乙醇 (7:2 仲) (7:2sFTOH)	24015-83-6	0.200
582	-	1-碘-1H, 1H, 2H, 2H-全氟己烷(4:2 FTI)	2043-55-2	0.200
583	PFHpSi, 及其盐	全氟庚烷-1-亚磺酸(PFHpSi)	769067-51-8	0.010
584		全氟庚烷-1-亚磺酸钠盐 (PFHpSi-Na)	68555-66-8	--
585	PFOPA, 及其盐	全氟辛基磷酸 (PFOPA)	40143-78-0	0.010
586		全氟辛基磷酸-4-甲基苯甲酰胺	1263361-03-0	--
587	-	1H, 1H-全氟辛胺(7:1 FTNH ₂)	307-29-9	0.200
588	-	全氟庚酰胺(PFHpA-NH ₂)	2358-22-7	0.100
589	-	全氟丁酰胺(PFBA-NH ₂)	662-50-0	0.200
590	-	1H, 1H, 2H, 2H-九氟己酯(4:2 FTA)	52591-27-2	0.200
591	-	N-甲基-九氟丁磺酰胺(MeFBSA)	68298-12-4	0.010
592	-	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
593	TFA, 及其盐	三氟乙酸(TFA)	76-05-1	1.000
594		三氟乙酸钠(TFA-Na)	2923-18-4	--
595		三氟乙酸铊(TFA-Tl)	23586-53-0	--
596		三氟乙酸锂(TFA-Li)	2923-17-3	--
597		三氟乙酸银(TFA-Ag)	2966-50-9	--
598		三氟乙酸铯(TFA-Cs)	21907-50-6	--
599		三氟乙酸钾(TFA-K)	2923-16-2	--
600		三氟乙酸铵(TFA-NH ₄)	3336-58-1	--



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing/inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSI Standards Technical Services Co., Ltd.
Guangzhou Branch, Technical Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 21 页, 共 25 页

No.	组名	物质名称	CAS No.	MDL
				(mg/kg)
601		三氟乙酸汞(TFA-Hg)	13257-51-7	--
602		三氟乙酸钯(TFA-Pd)	42196-31-6	--
603		三氟乙酸盐(TFA anion)	14477-72-6	--
604		三氟乙酸二甲基[(三氟乙酰基)氧基]铈	57738-66-6	--
605		三氟乙酸铝(III)(TFA-Al)	36554-89-9	--
606		三氟乙酸钡(II)(TFA-Ba)	60884-92-6	--
607		三氟乙酸铒(III)(TFA-Er)	70236-99-6	--
608		三氟乙酸铟(III)(TFA-In)	36554-90-2	--
609		三氟乙酸镧(III)(TFA-La)	70236-92-9	--
610		三氟乙酸镍(II)(TFA-Ni)	16083-14-0	--
611		三氟乙酸铅(II)(TFA-Pb)	4146-73-0	--
612		三氟乙酸铈(II)(TFA-Rh)	72654-51-4	--
613		三氟乙酸铥(III)(TFA-Tm)	70237-00-2	--
614		三氟乙酸镱(III)(TFA-Yb)	87863-62-5	--
615		三氟乙酸锌(II)(TFA-Zn)	21907-47-1	--
616		三氟乙酸钌(II)(TFA-Ru)	61612-84-8	--
617		三氟乙酸镁(II)(TFA-Mg)	123333-72-2	--
618		三氟乙酸铜(II)(TFA-Cu)	123333-88-0	--
619	BETI, 及其盐	双(五氟乙烷磺酰基)亚胺	152894-10-5	0.020
620		双(五氟乙烷磺酰基)亚胺基锂(BETI-Li)	132843-44-8	--
621		双(五氟乙烷磺酰基)亚胺基阴离子	129318-46-3	--
622		双(五氟乙烷磺酰基)亚胺基钠 (BETI-Na)	152894-04-7	--
623		双(五氟乙烷磺酰基)亚胺基钾 (BETI-K)	221203-22-1	--
624		1-乙基-3-甲基咪唑啉双(五氟乙基磺酰基)亚胺	216299-76-2	--
625	--	全氟-2-乙氧基丙酸(PEPA)	267239-61-2	0.010
626	PFDPA, 及其盐	全氟癸基膦酸(PFDPA)	52299-26-0	0.010
627		全氟癸基膦酸 4-甲基苯甲胺	--	--
628		全氟癸基膦酸二-4-甲苯胺盐	--	--
629	PFHxPA, 及其盐	全氟己基膦酸	40143-76-8	0.010
630		全氟己基膦酸 4-甲基苯甲胺	1263361-02-9	--

(2) 针对纺织品和皮革, ~物质是指附表中甲醇/氢氧化钠溶液提取时会水解的 PFAS 物质。

物质名称	CAS No.
N-EtFOSE, 及可能来源	
2- (N-乙基全氟辛基磺酰胺)乙醇 (N-EtFOSE)	1691-99-2
2- (N-乙基全氟辛基磺酰胺基)丙烯酸乙酯 (EtFOSAC) ~	423-82-5
PFOA, 及其可能来源	

SGS-CSI Standards Technical Services Co., Ltd.
Guangzhou Branch, China

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 22 页, 共 25 页

物质名称	CAS No.
全氟辛酸 (PFOA)	335-67-1
全氟辛酸乙酯 (Et-PFOA) ^^	3108-24-5
全氟辛酸甲酯 (Me-PFOA) ^^	376-27-2
8:2 FTOH, 及其可能来源	
1H, 1H, 2H, 2H-全氟-1-癸醇 (8:2 FTOH)	678-39-7
1H, 1H, 2H, 2H-甲基丙烯酸全氟癸酯 (8:2 FTMA) ^^	1996-88-9
1H, 1H, 2H, 2H-全氟癸基丙烯酸酯 (8:2 FTA) ^^	27905-45-9
1H, 1H, 2H, 2H-全氟十二烷基乙酸酯 (8:2 FTOAc) ^^	37858-04-1
10:2 FTOH, 及其可能来源	
1H, 1H, 2H, 2H-全氟-1-十二烷醇 (10:2 FTOH)	865-86-1
2- (全氟癸基)甲基丙烯酸乙酯 (10:2 FTMA) ^^	2144-54-9
1H, 1H, 2H, 2H-全氟十二烷基丙烯酸酯 (10:2 FTA) ^^	17741-60-5
1H, 1H, 2H, 2H-全氟癸基乙酸酯 (10:2 FTOAc) ^^	37858-05-2
6:2 FTOH, 及其可能来源	
1H, 1H, 2H, 2H-全氟-1-辛醇 (6:2 FTOH)	647-42-7
1H, 1H, 2H, 2H-甲基丙烯酸全氟辛酯 (6:2 FTMA) ^^	2144-53-8
1H, 1H, 2H, 2H-全氟辛基丙烯酸酯 (6:2 FTA) ^^	17527-29-6
MeFHxSE, 及其可能来源	
十三氟-N- (2-羟基乙基)-N-甲基己烷磺酰胺 (MeFHxSE)	68555-75-9
2-[甲基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯 ^^	67584-61-6
2-[甲基[(十三氟己基)磺酰基]氨基]丙烯酸乙酯 (N-MeFHSEA) ^^	67584-57-0
Et-FHxSE, 及其可能来源	
N-乙基-1,1,2,2,3,3,4,4,5,5,6,6,6-十三氟-N-(2-羟基乙基)-1-己磺酰胺 (Et-FHxSE)	34455-03-3
2-[乙基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯 ^^	67906-70-1
PFHpA, 及可能来源	
全氟庚酸(PFHpA)	375-85-9
全氟庚酰胺 (PFHpA-NH ₂) ^^	2358-22-7
PFBA, 及可能来源	
全氟丁酸(PFBA)	375-22-4
全氟丁酰胺 (PFBA-NH ₂) ^^	662-50-0
4:2 FTOH, 及其可能来源	
1H, 1H, 2H, 2H-全氟-1-己醇 (4:2 FTOH)	2043-47-2
1H, 1H, 2H, 2H-全氟己基甲基丙烯酸酯 (4:2 FTMA) ^^	1799-84-4
1H, 1H, 2H, 2H-九氟己酯 (4:2 FTA) ^^	52591-27-2



SGS-CSI Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 23 页, 共 25 页

- (3) 当用甲醇/氢氧化钠溶液提取时, 化合物被水解并释放出相关的 PFAS 物质。由于所列 PFAS 会降解为未知化合物和/或无法通过甲醇/NaOH 溶液提取进行分析, 因此只能通过溶剂提取方法检测和定量可提取的含量。通过溶剂提取和随后的 GC-MS 或 GC-MS/MS 或 HPLC-MS/MS 分析得到的结果仅反映了可提取的 PFAS。



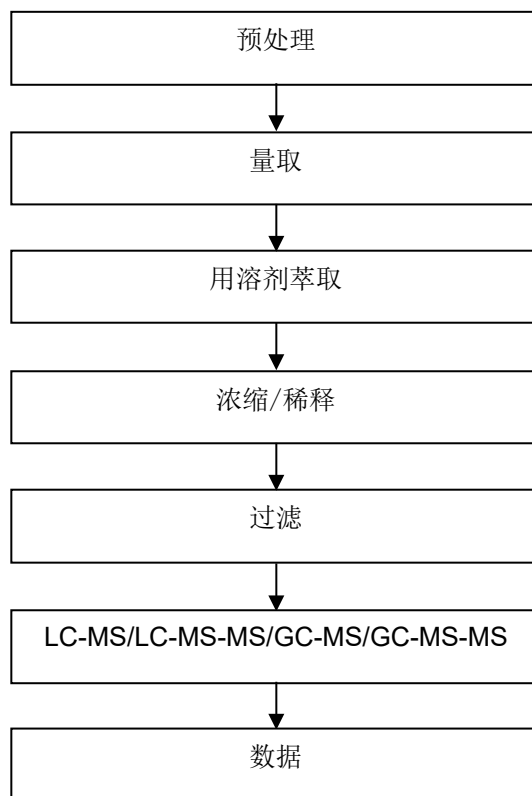
SGS-CTC Standards Technical Services Co., Ltd.
Guangzhou Branch / 广州分公司

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

PFASs/ PFOS/PFOA 检测流程图



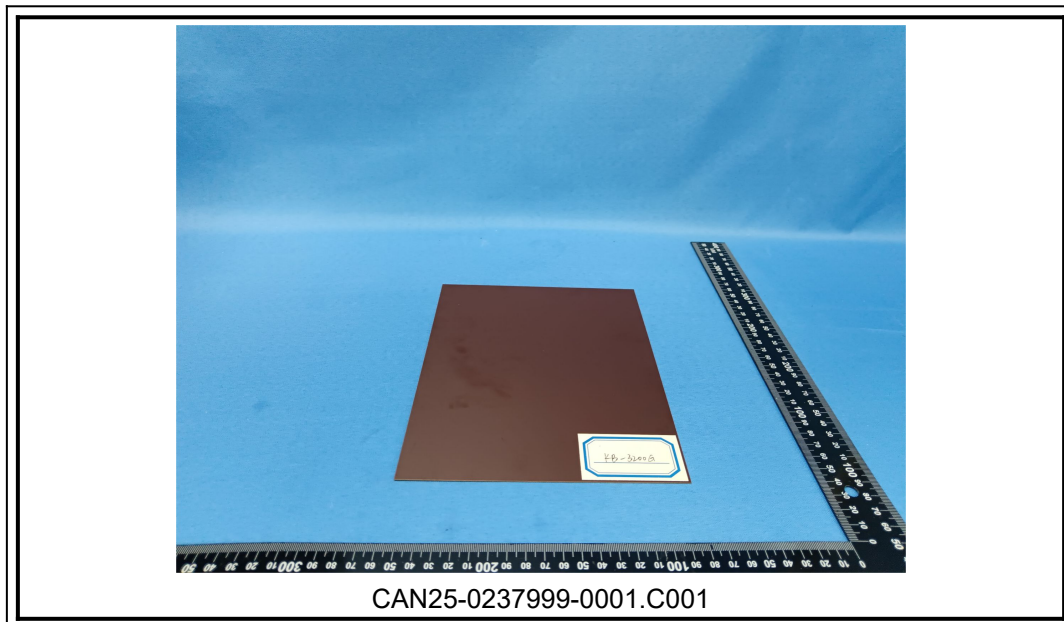
检测报告
(PFAS)

编号: CANEC25023799906

日期: 2025 年 10 月 14 日

第 25 页, 共 25 页

样品照片:



此照片仅限于随 SGS 正本报告使用

报告结束

SGS-CTC (China) Technical Services Co., Ltd.
Guangzhou Branch Technical Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com