

检测报告  
(PFAS)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 1 of 14

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号汇达大厦二十三楼

样品名称: KB-6160  
型号: KB-6160  
客户参考信息: KB-6160A, KB-6160C, KB-6150, KB-6150C, KB-6160F, P-138  
以上样品及信息由客户提供。

SGS 工作编号: GZP23-018754  
样品接收时间: 2023 年 11 月 20 日  
检测周期: 2023 年 11 月 20 日 ~ 2023 年 11 月 30 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:

全氟和多氟烷基化合物 (PFAS) 含量的总氟筛选检测	见检测结果
靶向 221 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

谢冬育

Dongyu Xie 谢冬育  
批准签署人

scan to see the report



F50837A2



SGS-CSI Standards Technical Services Co., Ltd.  
Guangzhou Branch / 通标标准技术服务有限公司广州分公司

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](mailto: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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 2 of 14

提交样品的部件中 PFAS 检测结果超过限值信息汇总

检测结果 ID	描述	物质名称	CAS No.	浓度 (mg/kg)
001	双面覆铜板	全氟和多氟烷基化合物(以氟计)	-	216

SGS-CTC Standards 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](mailto: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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 3 of 14

## Test Sample:

## 样品描述:

检测部件 ID	材料描述	检测部件 ID	材料描述
A1	双面覆铜板	-	-

## 检测组:

检测结果 ID	样品描述	检测部件 ID	SGS 样品 ID
001	双面覆铜板	A1	CAN23-0144714-0001.C001

全氟和多氟烷基化合物 (PFAS) 含量的总氟筛选检测

检测方法: 参考 IEC 62321-3-2:2020 方法。

检测项目	限值	单位	MDL	A1
全氟和多氟烷基化合物(以氟计)	50	mg/kg	20	216 <sup>#</sup>
结论	见检测结果			

## 备注:

- (1) 最大允许限值来源于客户。
- (2) 检测结果可能包含无机氟化物和/或有机氟化物。总氟的结果可能不是来自于 PFAS。建议检测单个 PFAS 以确定是否符合相应要求。

靶向 221 项全氟和多氟烷基化合物 (PFAS) 含量

## 检测方法:

参考 CEN/TS 15968:2010, 采用 LC-MS 或 LC-MS/MS 和 GC-MS 进行分析。

SGS-STD Standards 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](mailto: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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 4 of 14

检测结果: (PFAS 清单中的物质)

物质名称	CAS No.	001 浓度 (mg/kg)	RL (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) RL = 报告限 (当检测结果  $\geq$  RL 时显示数据。RL 不同于法规限值。)ND = 未检出 ( $<$  RL), ND 针对 PFAS 物质

(3) 禁止使用目标 PFAS, 此测试要求基于客户需求。如果检测到 PFAS, 建议参考相关法规备注确认 PFAS 的相关要求。

(4) 对于物质名称含有备注上标的 PFAS, 其结果代表此 PFAS 物质及其盐或衍生物的总和 (含量总和以选定的酸标记物计)。

## 相关法规备注:

美国市场 美国相关 PFAS 法规包括但不限于:				
地区	法令	范围	实施日期	要求
缅因州	38 M.R.S. §1614 (LD 1503 与 修订 LD 217)	所有产品	2025.1.1	在该州销售含有有意添加 PFAS 的产品的制造商应向相关部门提交通知
			2030.1.1	禁止销售含有有意添加 PFAS 的产品
明尼苏达州	HF 1000	炊具等	2025.1.1	禁止销售含有有意添加 PFAS 的产品
		所有产品	2026.1.1	在该州销售含有有意添加 PFAS 的产品的制造商应向相关部门提交通知
罗德岛州	S 0016	炊具等	2025.1.1	禁止销售含有 PFAS 的产品
		所有产品	2026.1.1	在罗德岛州销售含有有意添加 PFAS 的产品的制造商应向相关部门提交通知
佛蒙特州	HB 152	炊具等	2024.1.1	禁止销售含有有意添加 PFAS 的产品
		所有产品	2030.1.1	禁止销售含有有意添加 PFAS 的产品
加利福尼亚州	AB 1200	植物基食品包装	2023.1.1	禁止销售含有有意添加 PFAS 或 PFAS $\geq$ 100 ppm (以总有机氟计) 的产品
		炊具把手、与食品接触的炊具表面	2023.1.1	在产品网站披露指定列表中的化学品含有情况
			2024.1.1	在产品标签披露指定列表中的化学品含有情况
科罗拉多州	HB 22-1345	炊具把手、与食品接触的炊具表面	2024.1.1	在产品标签披露有意添加的 PFAS 含有情况
欧盟市场 欧盟相关 PFAS 法规包括但不限于:				
地区	法令	范围	实施日期	要求

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](mailto: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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 5 of 14

欧盟	POPs	物质、混合物和物品	2020.7.4	PFOA 及其盐类 $\leq 0.025$ mg/kg PFOA 相关物质总和 $\leq 1$ mg/kg
			2010.8.26	PFOS 及其衍生物的总和 -物质/混合物: $\leq 10$ mg /kg -物品: $\leq 1000$ mg /kg -纺织品或其他涂层材料: $\leq 1$ $\mu$ g/m <sup>2</sup>
			2023.8.28	PFHxS 及其盐 $\leq 0.025$ mg/kg PFHxS 相关物质总和 $\leq 1$ mg/kg
欧盟	REACH	物质、混合物和物品	2023.2.25	C9-C14 PFCA 及其盐 $\leq 0.025$ mg/kg C9-C14 PFCA 相关物质总和 $\leq 0.26$ mg/kg
欧盟	REACH	物质、混合物和物品	提案	任何靶向 PFAS $\leq 25$ $\mu$ g/kg 靶向 PFAS 总和 $\leq 250$ $\mu$ g/kg 总氟 $\leq 50$ mg/kg 如果总氟 $> 50$ mg/kg, 则提供以 PFAS 或非 PFAS 含量测量的氟的证明。

备注: “#”= 表示超过限值

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 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](mailto: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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 6 of 14

附录:

已检测 PFAS 的清单:

No.	物质名称	CAS No.	RL (mg/kg)
1	全氟辛烷磺酸 (PFOS) <sup>备注(1)</sup>	1763-23-1, etc.	0.010
2	N-乙基全氟辛烷磺酰胺 (N-EtFOSA)	4151-50-2	0.010
3	N-甲基全氟辛烷磺酰胺 (N-MeFOSA)	31506-32-8	0.010
4	2-(N-乙基全氟辛基磺酰胺)乙醇 (N-EtFOSE)	1691-99-2	0.010
5	2-(N-甲基全氟辛基磺酰胺)乙醇 (N-MeFOSE)	24448-09-7	0.010
6	全氟辛基磺酰胺 (PFOSA) <sup>备注(25)</sup>	754-91-6, etc.	0.010
7	全氟辛酸 (PFOA) <sup>备注(2)</sup>	335-67-1, etc.	0.010
8	1H,1H,2H,2H-全氟癸烷磺酸 (8:2 FTS) <sup>备注(3)</sup>	39108-34-4, etc.	0.010
9	全氟辛酸甲酯 (Me-PFOA)	376-27-2	0.1
10	全氟辛酸乙酯 (Et-PFOA)	3108-24-5	0.1
11	1H,1H,2H,2H-全氟-1-癸醇 (8:2 FTOH) <sup>备注(3)</sup>	678-39-7, etc	0.1
12	1H,1H,2H,2H-全氟癸基丙烯酸酯 (8:2 FTA) <sup>备注(3)</sup>	27905-45-9, etc	0.1
13	1H,1H,2H,2H-甲基丙烯酸全氟癸酯 (8:2 FTMA) <sup>备注(3)</sup>	1996-88-9, etc	0.1
14	全氟辛基碘烷 (PFOI)	507-63-1	0.1
15	2H,2H-全氟癸酸 (H2PFDA/8:2 FTCA) <sup>备注(3), 备注(11)</sup>	27854-31-5, etc	0.010
16	全氟壬酸 (PFNA) <sup>备注(4)</sup>	375-95-1, etc	0.010
17	全氟癸酸 (PFDA) <sup>备注(4)</sup>	335-76-2, etc	0.010
18	全氟十一烷酸 (PFUnDA) <sup>备注(22)</sup>	2058-94-8, etc	0.010
19	全氟十二烷酸 (PFDoDA) <sup>备注(4)</sup>	307-55-1, etc	0.010
20	全氟十三烷酸 (PFTrDA) <sup>备注(24)</sup>	72629-94-8, etc	0.010
21	全氟十四烷酸 (PFTDA)	376-06-7	0.010
22	全氟-3,7-二甲基辛酸 (PF-3,7-DMOA)	172155-07-6	0.010
23	全氟癸烷磺酸 (PFDS) <sup>备注(10)</sup>	335-77-3, etc	0.010
24	1H,1H,2H,2H-全氟-1-十二醇 (10:2 FTOH)	865-86-1	0.1
25	1H,1H,2H,2H-全氟十二烷基丙烯酸酯 (10:2 FTA)	17741-60-5	0.1
26	1-碘-1H,1H,2H,2H-全氟癸烷 (8:2 FTI)	2043-53-0	0.1
27	1H,1H,2H,2H-全氟癸基三乙氧基硅烷 (8:2 FTSi(OC <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	101947-16-4	0.1
28	2H,2H,3H,3H-全氟癸酸(H4PFUnDA/ 8:3 FTCA) <sup>备注(12)</sup>	34598-33-9, etc	0.010
29	2-(全氟癸基)甲基丙烯酸乙酯 (10:2 FTMA)	2144-54-9	0.1
30	1,1,2,2-四氢全氟-1-十四醇 (12:2 FTOH)	39239-77-5	0.1
31	1H,1H,2H,2H-全氟十二烷磺酸 (10:2 FTS)	120226-60-0	0.010
32	全氟癸基乙基碘 (10:2 FTI)	2043-54-1	0.1
33	1H,1H,2H,2H-全氟四碘化物 (12:2 FTI)	30046-31-2	0.1
34	全氟己基磺酸 (PFHxS) <sup>备注(7)</sup>	355-46-4, etc	0.010
35	N-甲基全氟-1-己磺酰胺 (N-Me-PFHxSA)	68259-15-4	0.010
36	全氟己烷磺酰胺 (PFHxSA)	41997-13-1	0.010
37	N-[3-(二甲基氨基)丙基]十三氟己磺酰胺(N-AP-FHxSA)	50598-28-2	0.010
38	2-[甲基[(十三氟己基)磺酰基]氨基]丙烯酸乙酯 (N-MeFHSEA)	67584-57-0	0.5



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 herein 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](mailto:CN.Doccheck@sgs.com)

检测报告  
(PFAS)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 7 of 14

39	全氟丁酸 (PFBA) 备注(13)	375-22-4, etc	0.010
40	全氟丁磺酸 (PFBS) 备注(5)	375-73-5, etc	0.010
41	N-(2-羟乙基)-N-甲基全氟丁烷磺酰胺(PFBS-NC <sub>3</sub> H <sub>8</sub> O)	34454-97-2	0.010
42	全氟戊酸 (PFPeA) 备注(17)	2706-90-3, etc	0.010
43	全氟己酸 (PFHxA) 备注(6)	307-24-4, etc	0.010
44	全氟庚酸 (PFHpA) 备注(14)	375-85-9, etc	0.010
45	全氟庚烷磺酸 (PFHpS) 备注(8)	375-92-8, etc	0.010
46	7H-十二氟庚酸 (7HPFHpA)	1546-95-8	0.010
47	1H,1H,2H,2H-全氟辛磺酸(6:2 FTS) 备注(26)	27619-97-2, etc	0.010
48	1H,1H,2H,2H-全氟辛基丙烯酸酯 (6:2 FTA)	17527-29-6	0.1
49	1H,1H,2H,2H-全氟-1-己醇 (4:2 FTOH)	2043-47-2	0.1
50	1H,1H,2H,2H-全氟-1-辛醇 (6:2 FTOH)	647-42-7	0.1
51	2,3,3,3-四氟-2-(七氟丙氧基)丙酸 (HFPO-DA) 备注(9)	13252-13-6, etc	0.010
52	N-(全氟-1-辛烷磺酰基)甘氨酸 (FOSAA)	2806-24-8	0.010
53	N-甲基-N-(全氟-1-辛烷磺酰基)甘氨酸 (N-MeFOSAA)	2355-31-9	0.010
54	N-乙基-N-(全氟-1-辛烷磺酰基)甘氨酸 (N-EtFOSAA)	2991-50-6	0.010
55	全氟戊磺酸 (PFPeS) 备注(18)	2706-91-4, etc	0.010
56	全氟壬烷磺酸 (PFNS) 备注(19)	68259-12-1, etc	0.010
57	全氟十一烷磺酸 (PFUnDS) 备注(16)	749786-16-1, etc	0.010
58	全氟十二烷磺酸 (PFDoDS) 备注(20)	79780-39-5, etc	0.010
59	全氟十三烷磺酸 (PFTTrDS) 备注(21)	791563-89-8, etc	0.010
60	1H,1H,2H,2H-全氟己烷磺酸 (4:2 FTS)	757124-72-4	0.010
61	2-全氟己基乙酸 (6:2 FTCA)	53826-12-3	0.010
62	3-全氟戊基丙酸 (5:3 FTCA)	914637-49-3	0.010
63	全氟正十六酸 (PFHxDA)	67905-19-5	0.010
64	全氟正十八酸 (PFODA)	16517-11-6	0.010
65	双(2-(全氟乙基))磷酸 (8:2diPAP) 备注(15)	678-41-1, etc	0.010
66	1H,1H,2H,2H-甲基丙烯酸全氟辛酯 (6:2 FTMA)	2144-53-8	0.1
67	4,8-二氧-3H-全氟壬酸 (ADONA)	919005-14-4	0.010
68	全氟-3-甲氧基丙酸 (PFMPA)	377-73-1	0.010
69	全氟-4-甲氧基丁酸 (PFMBA)	863090-89-5	0.010
70	全氟-3,6-二氧杂庚酸 (NFDHA)	151772-58-6	0.010
71	9-氯十六氟-3-氧代壬烷-1-磺酸 (9Cl-PF <sub>3</sub> ONS)	756426-58-1	0.010
72	11-氯二十碳氟-3-氧十一烷-1-磺酸 (11Cl-PF <sub>3</sub> OUdS)	763051-92-9	0.010
73	全氟(2-乙氧基乙烷)磺酸 (PFEESA)	113507-82-7	0.010
74	3-全氟丙基丙酸 (3:3 FTCA)	356-02-5	0.010
75	3-全氟庚基丙酸 (7:3 FTCA)	812-70-4	0.010
76	全氟十五烷酸 (PFPeDA)	141074-63-7	0.1
77	1H,1H,2H,2H-全氟己基甲基丙烯酸酯 (4:2 FTMA)	1799-84-4	0.1
78	2-(N-乙基全氟辛烷磺酰基)丙烯酸乙酯 (EtFOSAC)	423-82-5	0.1
79	全氟辛基乙烯(PFDE)	21652-58-4	0.1
80	全氟辛基三乙氧基硅烷 (POTS)	51851-37-7	0.1



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](mailto:CN.Doccheck@sgs.com)

SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, SGS Technical Services Co., Ltd. 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

检测报告  
(PFAS)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 8 of 14

81	全氟碘代十二烷 (PFD <sub>o</sub> DI)	307-60-8	0.1
82	1-碘全氟癸烷 (PFDI)	423-62-1	0.1
83	11H-全氟十一烷酸 (11H-PFUnDA) 备注(23)	1765-48-6, etc	0.1

备注:

PFAS 物质及其盐类或衍生物之间的关系见下表。

	No.	物质名称	CAS No.	RL (mg/kg)
备注(1) PFOS盐类/衍生物	84	全氟辛基磺酸钾(PFOS-K)	2795-39-3	0.010
	85	全氟辛基磺酸锂(PFOS-Li)	29457-72-5	0.010
	86	全氟辛基磺酸钠(PFOS-Na)	4021-47-0	0.010
	87	全氟辛基磺酸铵(PFOS-NH <sub>4</sub> )	29081-56-9	0.010
	88	全氟辛基磺酸二乙醇铵(PFOS-NH(C <sub>2</sub> H <sub>5</sub> O) <sub>2</sub> )	70225-14-8	0.010
	89	全氟辛基磺酸四乙基铵(PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	56773-42-3	0.010
	90	全氟辛基磺酸二癸二甲基铵 (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )	251099-16-8	0.010
	91	全氟辛基磺酰氟(POSF)	307-35-7	0.010
	92	双[十七氟辛烷磺酸]镁(POSF-Mg)	91036-71-4	0.010
备注(2) PFOA 盐类/衍生物	93	全氟辛酸钠 (PFOA-Na)	335-95-5	0.010
	94	全氟辛酸钾 (PFOA-K)	2395-00-8	0.010
	95	全氟辛酸银 (PFOA-Ag)	335-93-3	0.010
	96	全氟辛酰氟(PFOA-F)	335-66-0	0.010
	97	全氟辛酸铵 (APFO)	3825-26-1	0.010
	98	全氟辛酸锂(PFOA-Li)	17125-58-5	0.010
备注(3) 8:2 FTS 盐类	99	1H,1H,2H,2H-全氟癸磺酸钾(8:2 FTS-K)	438237-73-1	0.010
	100	1H,1H,2H,2H-全氟癸磺酸铵(8:2 FTS-NH <sub>4</sub> )	149724-40-3	0.010
	101	1H,1H,2H,2H-全氟癸磺酸钠(8:2 FTS-Na)	27619-96-1	0.010
备注(4) PFNA 盐类 /PFDA 盐类 /PFD <sub>o</sub> DA 盐类	102	全氟壬酸钠(PFNA-Na)	21049-39-8	0.010
	103	全氟壬酸铵 (PFNA-NH <sub>4</sub> )	4149-60-4	0.010
	104	全氟壬酸钾(PFNA-K)	21049-38-7	0.010
	105	全氟壬酸锂(PFNA-Li)	60871-92-3	0.010
	106	全氟壬酸银(PFNA-Ag)	7358-16-9	0.010
	107	全氟癸酸钠(PFDA-Na)	3830-45-3	0.010
	108	全氟癸酸铵 (PFDA-NH <sub>4</sub> )	3108-42-7	0.010
	109	全氟癸酸钾(PFDA-K)	51604-85-4	0.010
	110	全氟癸酸银(PFDA-Ag)	5784-82-7	0.010
	111	全氟癸酸锂(PFDA-Li)	84743-32-8	0.010
	112	全氟十二烷铵(PFD <sub>o</sub> DA-NH <sub>4</sub> )	3793-74-6	0.010
	113	全氟十二烷酸钠(PFD <sub>o</sub> DA-Na)	60872-01-7	0.010
备注(5) PFBS 盐类/衍生物	114	全氟丁基磺酸钾 (PFBS-K)	29420-49-3	0.010
	115	全氟丁基磺酸水合物 (PFBS-H <sub>2</sub> O)	59933-66-3	0.010
	116	全氟-1-丁基磺酸锂(PFBS-Li)	131651-65-5	0.010
	117	全氟丁基磺酸三苯基盐(PFBS-S(C <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> )	144317-44-2	0.010



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](mailto: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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 9 of 14

	118	全氟丁基磺酸二甲基(苯基)硫(PFBS-S(CH <sub>3</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>5</sub> )	220133-51-7	0.010
	119	全氟丁基磺酸四丁基磷(PFBS-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )	220689-12-3	0.010
	120	N,N,N-三乙基乙醇胺全氟丁基磺酸(PFBS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	25628-08-4	0.010
	121	全氟丁基磺酰氟(PFBS-F)	375-72-4	0.010
	122	全氟丁基磺酸吗啉(PFBS-NC <sub>4</sub> H <sub>9</sub> O)	503155-89-3	0.010
	123	全氟丁基磺酸镁(PFBS-Mg)	507453-86-3	0.010
	124	全氟丁基磺酸铵(PFBS-NH <sub>4</sub> )	68259-10-9	0.010
	125	1-(4-丁氧基-1-萘基)四氢噻吩全氟丁基磺酸盐(PFBS-SC <sub>18</sub> H <sub>23</sub> O)	209482-18-8	0.010
	126	全氟丁基磺酰氯(PFBS-Cl)	2991-84-6	0.010
	127	全氟丁基磺酸钠(PFBS-Na)	60453-92-1	0.010
	128	全氟-1-丁磺酸双(4-叔丁基苯基)碘鎓(PFBS-I(C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> (C <sub>4</sub> H <sub>9</sub> ) <sub>2</sub> )	194999-85-4	0.010
	129	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 <sub>2</sub> H <sub>5</sub> O) <sub>2</sub> )	70225-18-2	0.010
备注(6) PFHxA 盐类	130	全氟己酸铵 (APFHx)	21615-47-4	0.010
	131	全氟己酸钠(PFHxA-Na)	2923-26-4	0.010
	132	全氟己酸钾(PFHxA-K)	3109-94-2	0.010
	133	全氟己酰氟(PFHxA-F)	355-38-4	0.010
	134	全氟己酸银(PFHxA-Ag)	336-02-7	0.010
	135	全氟己酸锂(PFHxA-Li)	90430-61-8	0.010
备注(7) PFHxS 盐类	136	全氟己基磺酸钠 (PFHxS-Na)	82382-12-5	0.010
	137	全氟己基磺酸钾 (PFHxS-K)	3871-99-6	0.010
	138	全氟己基磺酸锂(1:1) (PFHxS-Li)	55120-77-9	0.010
	139	全氟己基磺酸铵(PFHxS-NH <sub>4</sub> )	68259-08-5	0.010
	140	全氟己基磺酸三苯基(苯基甲基)-磷鎓盐(PFHxS-P(C <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> C <sub>7</sub> H <sub>7</sub> )	1000597-52-3	0.010
	141	N,N,N-三丁基丁烷-1-胺全氟己基磺酸盐(PFHxS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )	108427-54-9	0.010
	142	N,N,N-三乙基乙醇胺全氟己基磺酸盐(PFHxS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	108427-55-0	0.010
	143	全氟己基磺酸与四氢吡咯络合物(PFHxS-NC <sub>4</sub> H <sub>9</sub> )	1187817-57-7	0.010
	144	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 <sub>10</sub> H <sub>14</sub> ) <sub>3</sub> C <sub>5</sub> H <sub>4</sub> )	1310480-24-0	0.010
	145	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 <sub>8</sub> H <sub>10</sub> ) <sub>2</sub> C <sub>13</sub> H <sub>12</sub> )	1310480-27-3	0.010
	146	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 <sub>8</sub> H <sub>10</sub> ) <sub>2</sub> C <sub>17</sub> H <sub>12</sub> )	1310480-28-4	0.010
	147	全氟己基磺酸与 β-环糊精络合物(PFHxS-C <sub>42</sub> H <sub>70</sub> O <sub>35</sub> )	1329995-45-0	0.010



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](mailto:CN.Doccheck@sgs.com)

SGS-CTC 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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 10 of 14

148	全氟己基磺酸与 $\gamma$ -环糊精络合物(PFHxS-C <sub>48</sub> H <sub>80</sub> O <sub>40</sub> )	1329995-69-8	0.010
149	全氟己基磺酸三苯基硫鎓盐(PFHxS-S(C <sub>6</sub> H <sub>5</sub> ) <sub>3</sub> )	144116-10-9	0.010
150	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 <sub>44</sub> H <sub>37</sub> N <sub>2</sub> O <sub>2</sub> )	1462414-59-0	0.010
151	全氟己基磺酸二苯基硫鎓盐(PFHxS-I(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> )	153443-35-7	0.010
152	N,N,N-三甲基-全氟己基磺酸甲基铵盐 (PFHxS-N(CH <sub>3</sub> ) <sub>4</sub> )	189274-31-5	0.010
153	全氟己基磺酸与 2-甲基-2-丙胺络合物 (1:1)(PFHxS-NH <sub>2</sub> (CH <sub>3</sub> ) <sub>3</sub> )	202189-84-2	0.010
154	全氟己基磺酸双[4-(1,1-二甲基乙基)苯基]碘鎓盐 (PFHxS-I(C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> (C <sub>4</sub> H <sub>9</sub> ) <sub>2</sub> )	213740-81-9	0.010
155	全氟己基磺酸镓(9CI)(PFHxS-Ga)	341035-71-0	0.010
156	全氟己基磺酸双(4-甲基苯基)苯基硫鎓盐 (1:1)(PFHxS-S(C <sub>7</sub> H <sub>7</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>5</sub> )	341548-85-4	0.010
157	全氟己基磺酸钪 (PFHxS-Sc)	350836-93-0	0.010
158	全氟己基磺酸钕 PFHxS-Nd)	41184-65-0	0.010
159	全氟己基磺酸钇 (PFHxS-Y)	41242-12-0	0.010
160	全氟己基磺酸(硫代二-4,1-亚苯基)双[二苯基]硫鎓盐 (PFHxS-S <sub>3</sub> (C <sub>6</sub> H <sub>5</sub> ) <sub>4</sub> (C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> )	421555-73-9	0.010
161	全氟己基磺酸双[4-(1,1-二甲基丙基)苯基]碘鎓盐 (PFHxS-I(C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>11</sub> ) <sub>2</sub> )	421555-74-0	0.010
162	全氟己基磺酰氟(PFHxS-F)	423-50-7	0.010
163	全氟己基磺酸三[4-(1,1-二甲基乙基)苯基]硫鎓盐 (PFHxS-S(C <sub>6</sub> H <sub>4</sub> ) <sub>3</sub> (C <sub>4</sub> H <sub>9</sub> ) <sub>3</sub> )	425670-70-8	0.010
164	全氟己基磺酸锌(PFHxS-Zn)	70136-72-0	0.010
165	全氟己基磺酸与 2,2'-亚氨基二乙醇络合物 (PFHxS-NH(C <sub>2</sub> H <sub>5</sub> O) <sub>2</sub> )	70225-16-0	0.010
166	全氟己基磺酸与三乙胺络合物(1:1)(PFHxS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	72033-41-1	0.010
167	全氟己基磺酸双[(1,1-二甲基乙基)苯基]碘鎓盐 (PFHxS-I(C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> (C <sub>4</sub> H <sub>9</sub> ) <sub>2</sub> )	866621-50-3	0.010
168	全氟己基磺酸(4-甲基苯基)二苯硫鎓盐 (PFHxS-S(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> C <sub>7</sub> H <sub>7</sub> )	910606-39-2	0.010
169	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 <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> C <sub>10</sub> H <sub>9</sub> O <sub>2</sub> )	911027-68-4	0.010
170	全氟己基磺酸铯(1:1) (PFHxS-Cs) (PFHxS-Cs)	92011-17-1	0.010
171	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 <sub>28</sub> H <sub>31</sub> O <sub>4</sub> )	928049-42-7	0.010
172	全氟己基磺酰氯(PFHxS-Cl)	55591-23-6	0.010
173	PFHxS-磺酸酯聚合物	911027-69-5	0.010
备注(8) PFHpS 盐类	174 全氟庚基磺酸钠 (PFHpS-Na)	21934-50-9	0.010
	175 全氟庚基磺酸钾 (PFHpS-K)	60270-55-5	0.010



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](mailto: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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 11 of 14

	176	全氟庚磺酸铵(PFHpS-NH <sub>4</sub> )	68259-07-4	0.010
	177	全氟庚磺酸锂(PFHpS-Li)	117806-54-9	0.010
	178	2,3,3,3-四氟-2-(七氟丙氧基)丙酸铵(HFPO-DA-NH <sub>4</sub> )	62037-80-3	0.010
备注(9) HFPO-DA 盐类	179	2,3,3,3-四氟-2-(七氟丙氧基)丙酸钾 (HFPO-DA-K)	67118-55-2	0.010
	180	2,3,3,3-四氟-2-(七氟丙氧基)丙酸酐基氟化物 (HFPO-DA-F)	2062-98-8	0.010
备注(10) PFDS 盐类	181	全氟癸磺酸钠(PFDS-Na)	2806-15-7	0.010
	182	全氟癸磺酸钾(PFDS-K)	2806-16-8	0.010
	183	全氟癸基磺酸铵(PFDS-NH <sub>4</sub> )	67906-42-7	0.010
备注(11) H <sub>2</sub> PFDA / 8:2 FTCA 盐类/衍生物	184	四丁基磷 2H,2H-全氟癸酸酯(8:2 FTCA-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )	882489-14-7	0.010
备注(12) H <sub>4</sub> PFUnDA/ 8:3 FTCA 盐类	185	2H,2H,3H,3H-全氟十一烷酸钾(H <sub>4</sub> PFUnDA-K)	83310-58-1	0.010
备注(13) PFBA 盐类	186	七氟丁酸铵(PFBA-NH <sub>4</sub> )	10495-86-0	0.010
	187	七氟丁酸钠(PFBA-Na)	2218-54-4	0.010
	188	七氟丁酸钾(PFBA-K)	2966-54-3	0.010
	189	七氟丁酸银(PFBA-Ag)	3794-64-7	0.010
	190	全氟丁酸锂(PFBA-Li)	4146-76-3	0.010
备注(14) PFHpA 盐类	191	全氟庚酸钠(PFHpA-Na)	20109-59-5	0.010
	192	全氟庚酸钾(PFHpA-K)	21049-36-5	0.010
	193	全氟庚酸铵(PFHpA-NH <sub>4</sub> )	6130-43-4	0.010
	194	全氟庚酸铯(PFHpA-Cs)	171198-24-6	0.010
	195	全氟庚酸银(PFHpA-Ag)	424-05-5	0.010
	196	全氟庚酸锂(PFHpA-Li)	60871-90-1	0.010
备注(15) 8:2diPAP 盐类	197	双(2-(全氟乙基))磷酸钠 (8:2diPAP-Na)	114519-85-6	0.010
备注(16) PFUnDS 盐类	198	全氟十一烷磺酸钠(PFUnDS-Na)	441296-91-9 (anion)	0.010
备注(17) PFPeA 盐类	199	全氟戊酸钠(PFPeA-Na)	2706-89-0	0.010
	200	全氟戊酸钾(PFPeA-K)	336-23-2	0.010
	201	全氟戊酸锂(PFPeA-Li)	198482-22-3	0.010
	202	全氟戊酸银(PFPeA-Ag)	2795-30-4	0.010
	203	全氟戊酸铵(PFPeA-NH <sub>4</sub> )	68259-11-0	0.010
备注(18) PFPeS 盐类	204	全氟戊磺酸钠(PFPeS-Na)	630402-22-1	0.010
	205	全氟戊磺酸钾(PFPeS-K)	3872-25-1	0.010
	206	全氟辛烷磺酸铵(PFPeS-NH <sub>4</sub> )	68259-09-6	0.010
备注(19) PFNS 盐类	207	全氟壬烷磺酸钠(PFNS-Na)	98789-57-2	0.010
	208	全氟壬烷磺酸铵(PFNS-NH <sub>4</sub> )	17202-41-4	0.010



SGS-CTC Standards Technical Service Co., Ltd.  
Guangzhou Branch: Standards 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](mailto: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)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 12 of 14

	209	全氟磺酸钾(PFNS-K)	29359-39-5	0.010
备注(20) PFDoDS 盐类	210	全氟十二烷磺酸钠(PFDoDS-Na)	1260224-54-1	0.010
备注(21) PFTTrDS 盐类	211	全氟十三烷磺酸钠(PFTTrDS-Na)	174675-49-1	0.010
备注(22) PFUnDA 盐类	212	全氟十一烷酸钠(PFUnDA-Na)	60871-96-7	0.010
	213	全氟十一烷酸铵(PFUnDA-NH <sub>4</sub> )	4234-23-5	0.010
	214	全氟十一烷酸钾(PFUnDA-K)	30377-53-8	0.010
备注(23) 11H-PFUnDA 盐类)	215	11H-全氟十一烷酸钾(11H-PFUnDA-K)	307-71-1	0.1
	216	11H-全氟十一烷酸铵(11H-PFUnDA-NH <sub>4</sub> )	5081-02-7	0.1
备注(24) PFTTrDA 盐类	217	全氟十三烷酸铵(PFTTrDA-NH <sub>4</sub> )	4288-72-6	0.010
备注(25) PFOSA 盐类	218	全氟辛基磺酰胺锂盐(1: 1) (PFOSA-Li)	76752-79-9	0.010
备注(26) 6:2 FTS 盐类	219	1H,1H,2H,2H-全氟辛烷磺酸钠(6:2 FTS-Na)	27619-94-9	0.010
	220	1H,1H,2H,2H-全氟辛烷磺酸钾(6:2 FTS-K)	59587-38-1	0.010
	221	1H,1H,2H,2H-全氟辛烷磺酸铵(6:2 FTS-NH <sub>4</sub> )	59587-39-2	0.010



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch

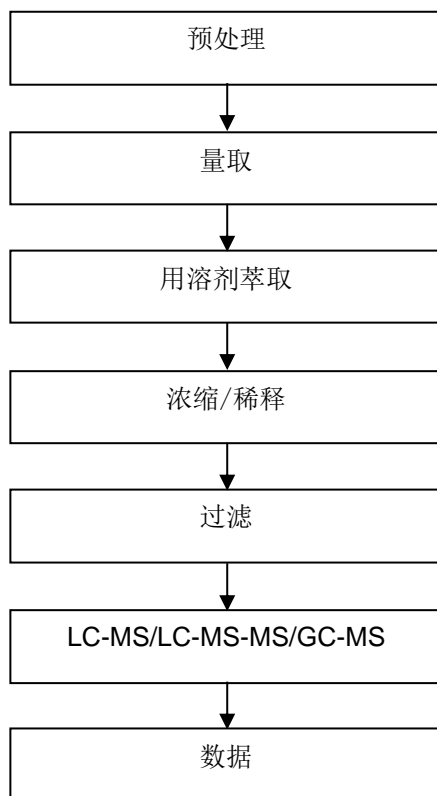
Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction 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](mailto: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](http://www.sgsgroup.com.cn)  
t (86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)



## PFASs/ PFOS/PFOA 检测流程图



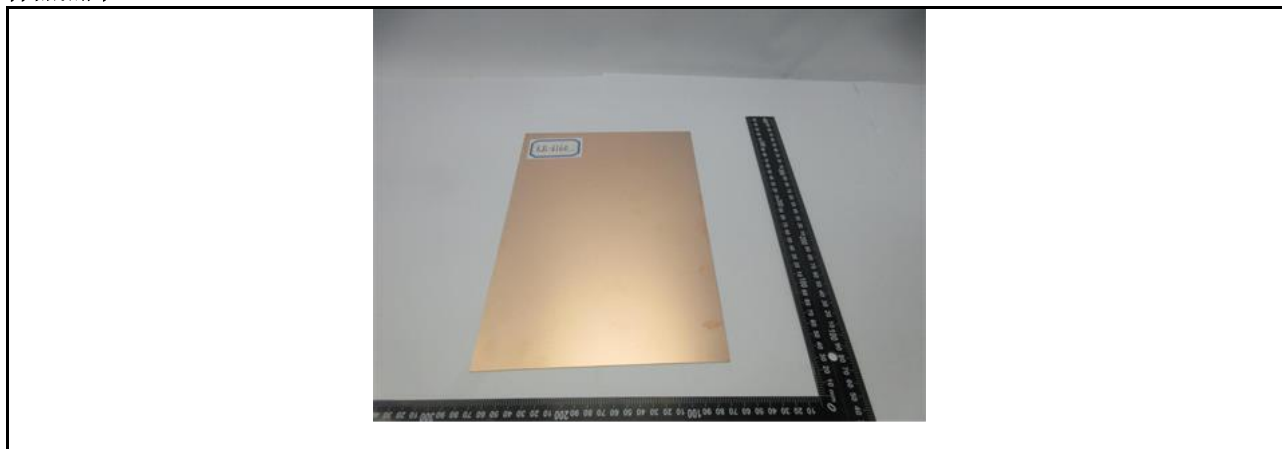
## 检测报告 (PFAS)

No.: CANEC23014471402

Date: 2023 年 11 月 30 日

Page 14 of 14

样品照片:



此照片仅限于随 SGS 正本报告使用

\*\*\* End of Report \*\*\*



SGS-CTI Standards 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](mailto: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](http://www.sgsgroup.com.cn)  
t (86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

Member of the SGS Group (SGS SA)