



检测报告

TEST REPORT

报告编号/ Report No..... : WTH24H09219763C

委托方/ Applicant : 梅州市超捷电子有限公司
Meizhou Chaojie Electronics Co., Ltd

地址/ Address : 梅州市丰顺县汤坑镇新坑边 513 号厂房
Plant 513, xinkengbian, tangkeng Town, Fengshun County,
Meizhou City

样品名称/ Sample Name : 双面 PCB
Double-sided PCB

检测要求/ Test Requested : 参照客户限值, 检测样品中的全氟和多氟烷基化合物(PFAS)的
含量。 / Determine the Perfluoroalkyl and polyfluoroalkyl
substances (PFAS) Content in the sample with reference to
Client's Limit.

检测结论/ Test Conclusion : 合格/ PASS

样品接收日期/ Date of Receipt sample : 2024-09-20

检测周期/ Testing period : 2024-09-20 ~ 2024-09-25

报告日期/ Date of Issue..... : 2024-09-25

检测结果/ Test Result..... : 参见报告下页/ Refer to next page (s)

报告制作/ Prepared By:
深圳市虹彩检测技术有限公司

Shenzhen Hongcai Testing Technology Co., Ltd.

地址: 广东省深圳市龙岗区龙岗街道新生社区莱茵路 30-9 号 1 层、2 层、3 层 (天基工业园 B 栋厂房)
Address: Building B, Tianji Industrial Park, Floor 1&2&3 No.30-9 Laiyin Road, Xinsheng Community, Longgang
Street, Longgang District, Shenzhen, Guangdong, China
电话/ Tel: +86-755-84616666/400-0066-989 邮箱/ E-mail: service@hct-test.com

深圳市虹彩检测技术有限公司

授权签字人

Signed for and on behalf of
Shenzhen Hongcai Testing Technology Co.,
Ltd.



黄胜明/Michael Huang

深圳市虹彩检测技术有限公司 Shenzhen Hongcai Testing Technology Co., Ltd.

<http://www.hct-test.com>

1 / 33

HCT/RF-23-19

报告编号/ Report No.: WTH24H09219763C

检测结果/ Test Result(s):

全氟烷基和多氟烷基物质 (PFAS) 的含量/ Perfluoroalkyl and polyfluoroalkyl substances (PFAS) content

检测方法/仪器/ Test Method/Equipment: EN 17681-1:2022 & EN 17681-2:2022 & HCT/SZ-SOP-YJ-PI035; LC-MS/MS, GC-MS

检测项目 Test Item(s)	单位 Unit	结果 Result(s)	限值 Limit
		(4+5) [#]	
493 项 PFAS 493 PFAS	mg/kg	ND	不得检出 Not Detectable

备注/ Note:

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

ND=未检出/ ND=Not Detected

MDL=Method Detection Limit

[#]= 根据客户要求等进行等比混合检测, 检测结果基于最小样品质量计算。本报告中显示的结果可能与任何均质材料的含量不同。/ [#]= As specified by client, the samples were equal mass proportional mixed to test, and the test results are calculated based on the minimum sample quality. The result(s) shown on this report may be different from the content of any homogeneous material.

样品描述/ Sample Description:

序号 No.	HCT 样品 ID HCT Sample ID	检测点描述 Test Part Description		备注 Note
4	WTH24H09219762C~9763C.4	4	米黄色覆铜层压板连绿色, 白色涂层连银色镀层 (PCB 板)	Beige copper-coated laminate board with green, white coating with silver plating (PCB board)
5	WTH24H09219762C~9763C.5	5	米黄色覆铜层压板连绿色, 白色涂层 (PCB 板)	Beige copper-coated laminate board with green, white coating (PCB board)

备注/ Note:

●=实际检测样品/●=Actual tested sample



报告编号/ Report No.: WTH24H09219763C

全氟和多氟烷基化合物 (PFAS) 包含/ Perfluoroalkyl and polyfluoroalkyl substances (PFAS) contain:

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
1	全氟辛酸	Perfluorooctanoic acid	335-67-1	0.01
2	全氟辛酸钠	Sodium perfluorooctanoate	335-95-5	0.01
3	全氟辛酸钾	Potassium perfluorooctanoate	2395-00-8	0.01
4	全氟辛酸银	Silver perfluorooctanoate	335-93-3	0.01
5	全氟辛酰氟	Perfluorooctanoyl fluoride	335-66-0	0.01
6	全氟辛酸铵	Ammonium pentadecafluorooctanoate	3825-26-1	0.01
7	全氟辛酸锂	Lithium perfluorooctanoate	17125-58-5	0.01
8	全氟辛酸钴(PFOA-Co)	Cobalt perfluorooctanoate (PFOA-Co)	35965-01-6	0.01
9	全氟辛酸铯(PFOA-Cs)	Cesium perfluorooctanoate (PFOA-Cs)	17125-60-9	0.01
10	全氟辛酸铬(3+)(PFOA-Cr(3+))	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+) (PFOA-Cr(3+))	68141-02-6	0.01
11	全氟辛酸-哌嗪(2:1)PFOA-NH(C ₄ H ₁₀ N)	Pentadecafluorooctanoic acid-- piperazine (2/1)PFOA-NH(C ₄ H ₁₀ N)	423-52-9	0.01
12	全氟辛酸酐	Perfluorooctanoic Anhydride	33496-48-9	0.01
13	1H,1H,2H,2H-全氟癸烷磺酸	1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	0.025
14	1H,1H,2H,2H-全氟癸烷磺酸钠	1H,1H,2H,2H-Perfluorododecane sulfonate acid Sodium salt	27619-96-1	0.025
15	1H,1H,2H,2H-全氟癸烷磺酸钾	1H,1H,2H,2H-Perfluorododecane sulfonate acid Potassium salt	438237-73-1	0.025
16	1H,1H,2H,2H-全氟癸烷磺酸铵	1H,1H,2H,2H-Perfluorododecane sulfonate acid Ammonium salt	149724-40-3	0.025
17	全氟辛酸甲酯	Methyl perfluorooctanoate	376-27-2	0.025
18	全氟辛酸乙酯	Ethyl perfluorooctanoate	3108-24-5	0.025
19	1H,1H,2H,2H-全氟癸基丙烯酸酯	1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	0.025
20	1H,1H,2H,2H-甲基丙烯酸全氟癸酯	1H,1H,2H,2H-Perfluorodecyl methacrylate	1996-88-9	0.025
21	全氟辛基碘烷	Perfluoro-1-iodooctane	507-63-1	0.025
22	2H,2H-全氟癸酸	2H,2H-Perfluorodecane Acid	27854-31-5	0.025
23	四丁基磷 2H,2H-全氟癸酸酯	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate	882489-14-7	0.025
24	1H,1H,2H,2H-全氟-1-癸醇	1H,1H,2H,2H-Perfluoro-1-decanol	678-39-7	0.025



序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
25	1-碘-1H,1H,2H,2H-全氟癸烷	1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	0.025
26	1H,1H,2H,2H-全氟癸基三乙氧基硅烷	1H,1H,2H,2H-Perfluorodecyltriethoxysilane	101947-16-4	0.025
27	磷酸双[2-(全氟辛基)乙酯	bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate	678-41-1	0.025
28	双(2-(全氟乙基))磷酸钠	Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate	114519-85-6	0.025
29	2H,2H,3H,3H-全氟十一烷酸	2H,2H,3H,3H-Perfluoroundecanoic acid	34598-33-9	0.025
30	2H,2H,3H,3H-全氟十一烷酸钾	Potassium 2H,2H,3H,3H-Perfluoroundecanoate	83310-58-1	0.025
31	全氟辛基乙烯	Perfluorooctylethene	21652-58-4	0.025
32	3-全氟庚基丙酸	3-Perfluoroheptyl propanoic acid	812-70-4	0.025
33	全氟辛酸盐	Pentadecafluorooctanoate (anion)	45285-51-6	0.01
34	全氟辛烷磺酸	Perfluorooctane sulfonates	1763-23-1	0.01
35	全氟辛基磺酸钾	Potassium Perfluorooctanesulfonate	2795-39-3	0.01
36	全氟辛基磺酸钠	Sodium perfluorooctane sulfonate	4021-47-0	0.01
37	全氟辛基磺酸锂	Perfluorooctanesulfonic acid, lithium salt	29457-72-5	0.01
38	全氟辛基磺酸铵	Ammonium perfluorooctanesulfonate	29081-56-9	0.01
39	全氟辛基磺酸二乙醇铵	Perfluorooctane sulfonate diethanolamine salt	70225-14-8	0.01
40	全氟辛基磺酸四乙基铵	Perfluorooctanesulfonic acid,tetraethylammonium salt	56773-42-3	0.01
41	全氟辛基磺酸二癸二甲基铵	N-decyl-N,N-dimethyldecan-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane-1-sulfonate	251099-16-8	0.01
42	全氟辛基磺酸四丁基铵 (PFOS-N(C ₄ H ₉) ₄)	TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C ₄ H ₉) ₄)	111873-33-7	0.01
43	双[十七氟辛烷磺酸]镁	Magnesium bis[heptafluorooctanesulphonate]	91036-71-4	0.01
44	全氟辛基磺酰氟	Perfluorooctane Sulfonyl fluoride	307-35-7	0.01
45	全氟辛烷磺酸哌啶	Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctanesulfonate	71463-74-6	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
46	N-乙基全氟辛烷磺酰胺	N-ethylperfluoro-1-octanesulfonamide	4151-50-2	0.01
47	N-甲基全氟辛烷磺酰胺	N-methylperfluoro-1-octanesulfonamide	31506-32-8	0.01
48	2-(N-乙基全氟辛基磺酰胺)乙醇	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1691-99-2	0.01
49	2-(N-甲基全氟辛基磺酰胺)乙醇	2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7	0.01
50	全氟辛基磺酰胺	Perfluorooctane Sulfonamide	754-91-6	0.01
51	全氟辛基磺酰胺锂盐 (1:1)	Perfluorooctanesulfonamide lithium salt (1:1)	76752-79-9	0.01
52	全氟辛基磺酰胺钠盐 (1:1) (PFOSA-Na)	Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)	76752-78-8	0.01
53	全氟辛基磺酰胺钾盐 (1:1) (PFOSA-K)	Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)	76752-70-0	0.01
54	全氟辛基磺酰胺铵盐 (1:1) (PFOSA-NH ₄)	Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH ₄)	76752-72-2	0.01
55	全氟壬酸	Perfluorononane Acid	375-95-1	0.01
56	全氟壬酸钠	Perfluorononanoate Na-Salt	21049-39-8	0.01
57	全氟壬酸铵	Nonanoic acid, heptadecafluoro-, ammonium salt	4149-60-4	0.01
58	全氟壬酸钾	Potassium perfluorononanoate	21049-38-7	0.01
59	全氟壬酸锂	Perfluorononanoate Li-Salt	60871-92-3	0.01
60	全氟壬酸银	Silver perfluorononanoate	7358-16-9	0.01
61	全氟壬酸甲铵(PFNA-NH ₃ (CH ₃))	Methanaminium perfluorononanoate (PFNA-NH ₃ (CH ₃))	77032-23-6	0.01
62	全氟壬酸-N-乙基乙胺 (1:1)PFNA-NH ₂ (C ₂ H ₅) ₂	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) PFNA-NH ₂ (C ₂ H ₅) ₂	77032-27-0	0.01
63	全氟壬酸-N-甲基甲胺 (1:1)(PFNA-NH ₂ (CH ₃) ₂)	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1) (PFNA-NH ₂ (CH ₃) ₂)	77032-24-7	0.01
64	全氟壬酸-N, N-二乙基乙胺(1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	327176-80-7	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
65	全氟壬酸-哌啶(1:1) (9CI)(PFNA-NH ₂ (C ₅ H ₁₀))	Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH ₂ (C ₅ H ₁₀))	95682-66-9	0.01
66	全氟壬酸-苯胺(1:1)(PFNA-NH ₃ (C ₆ H ₅))	Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9- heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH ₃ (C ₆ H ₅))	95682-67-0	0.01
67	全氟壬酸-环己胺(1:1) (9CI)(PFNA-NH ₃ (C ₆ H ₁₁))	Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH ₃ (C ₆ H ₁₁))	328531-06-2	0.01
68	全氟壬酸盐	Perfluorononanoate (anion)	72007-68-2	0.01
69	全氟癸酸	Perfluorodecane Acid	335-76-2	0.025
70	全氟癸酸钠	Sodium perfluorodecanoate	3830-45-3	0.025
71	全氟癸酸铵	Perfluorodecanoate ammonium salt	3108-42-7	0.025
72	全氟癸酸钾	Potassium perfluorodecanoate	51604-85-4	0.025
73	全氟癸酸银	Silver perfluorodecanoate	5784-82-7	0.025
74	全氟癸酸锂	Lithium perfluorodecanoate	84743-32-8	0.025
75	全氟癸酸盐	Perfluorodecanoate (anion)	73829-36-4	0.025
76	全氟十一烷酸	Perfluoroundecanoic Acid	2058-94-8	0.01
77	全氟十一烷酸钠	Perfluoroundecanoic acid sodium salt	60871-96-7	0.01
78	全氟十一烷酸铵	Ammonium perfluoroundecanoate	4234-23-5	0.01
79	全氟十一烷酸钾	Potassium perfluoroundecanoate	30377-53-8	0.01
80	全氟十一烷酸钙	Calcium perfluoroundecanoate	97163-17-2	0.01
81	全氟十一烷酸盐	Perfluoroundecanoate (anion)	196859-54-8	0.01
82	全氟十二烷酸	Perfluorododecanoic Acid	307-55-1	0.01
83	全氟十二烷铵	ammonium tricosafuorododecanoate	3793-74-6	0.01
84	全氟十二烷酸钠	Sodium perfluorododecanoate	60872-01-7	0.01
85	全氟十二烷酸盐	Perfluorododecanoate (anion)	171978-95-3	0.01
86	全氟十三烷酸	Perfluorotridecanoic Acid	72629-94-8	0.01
87	全氟十三烷酸铵	Ammonium perfluorotridecanoate	4288-72-6	0.01
88	全氟十三烷酸盐	Perfluorotridecanoate (anion)	862374-87-6	0.01
89	全氟十四烷酸	Perfluorotetradecanoic Acid	376-06-7	0.01
90	全氟十四烷酸盐	Perfluorotetradecanoate (anion)	365971-87-5	0.01
91	全氟-3,7-二甲基辛酸	Perfluoro-3,7-dimethyloctanoic Acid	172155-07-6	0.01
92	全氟癸烷磺酸	Perfluorodecane Sulfonate	335-77-3	0.025
93	全氟癸烷磺酸钠	Perfluorodecanesulfonate Na-salt	2806-15-7	0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
94	全氟癸烷磺酸钾	Perfluorodecanesulfonate K-salt	2806-16-8	0.025
95	全氟癸基磺酸铵	Perfluorodecanesulfonic acid ammonium salt	67906-42-7	0.025
96	全氟癸基磺酸盐	Perfluorodecane sulfonate (anion)	126105-34-8	0.025
97	1H,1H,2H,2H-全氟-1-十二烷醇	1H,1H,2H,2H-Perfluoro-1-dodecanol	865-86-1	0.025
98	1H,1H,2H,2H-全氟十二烷基丙烯酸酯	1H,1H,2H,2H-Perfluorododecylacrylate	17741-60-5	0.025
99	2-(全氟癸基)甲基丙烯酸乙酯	1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	0.025
100	1,1,2,2-四氢全氟-1-十四醇	1H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	0.025
101	1H,1H,2H,2H-全氟十二烷磺酸	1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	0.025
102	1,1,2,2-四氢全氟碘代十二烷	1,1,2,2-Tetrahydroperfluorododecyl iodide	2043-54-1	0.025
103	1H,1H,2H,2H-全氟四环碘化物	1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	0.025
104	全氟壬烷磺酸	Perfluoro nonane sulfonic acid	68259-12-1	0.025
105	全氟壬烷磺酸钠	Sodium perfluoro-1-nonanesulfonate	98789-57-2	0.025
106	全氟磺酸钾	Potassium perfluorononanesulfonate	29359-39-5	0.025
107	全氟壬烷磺酸盐	Perfluorononane sulfonate (anion)	474511-07-4	0.025
108	全氟壬烷磺酸铵	ammonium nonadecafluorononanesulphonate	17202-41-4	0.025
109	全氟十一烷磺酸	Perfluoroundecane sulfonic acid	749786-16-1	0.025
110	全氟十一烷磺酸盐	Perfluoroundecanesulfonate (anion)	441296-91-9	0.025
111	全氟十二烷磺酸	Perfluorododecanesulfonic acid	79780-39-5	0.025
112	全氟十二烷磺酸钠	Sodium perfluoro-1-dodecanesulfonate	1260224-54-1	0.025
113	全氟十二烷磺酸钾	Potassium perfluorododecanesulfonate	85187-17-3	0.025
114	全氟十二烷磺酸盐	Perfluorododecane sulfonate (anion)	343629-43-6	0.025
115	全氟十三烷磺酸	Perfluorotridecane sulfonic acid	791563-89-8	0.025
116	全氟十三烷磺酸钠	Sodium perfluoro-1-tridecanesulfonate	174675-49-1	0.025
117	双[2-(全氟癸基)乙基]磷酸盐	10:2 Fluorotelomerphosphatediester	1895-26-7	0.025
118	1-碘全氟癸烷	Perfluorodecyl iodide	423-62-1	0.025
119	全氟碘代十二烷	Perfluorododecyl iodide	307-60-8	0.025
120	全氟己基磺酸	Perfluorohexane Sulfonate	355-46-4	0.010
121	全氟己基磺酸钠	Perfluorohexanesulfonate Na-salt	82382-12-5	0.010

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
122	全氟己基磺酸钾	Perfluorohexanesulfonate K-salt	3871-99-6	0.010
123	全氟己基磺酸锂	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	55120-77-9	0.010
124	全氟己基磺酸铵	Ammonium perfluorohexane-1- sulphonate	68259-08-5	0.010
125	全氟己基磺酸三苯基（苯基 甲基）-磷鎓盐	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1- hexanesulfonate (1:1)	1000597-52-3	0.025
126	N,N,N-三丁基丁烷-1-胺全氟 己基磺酸盐	N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	108427-54-9	0.025
127	N, N,N-三乙基乙胺全氟己基 磺酸盐	N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate	108427-55-0	0.025
128	全氟己基磺酸与四氢吡咯络 合物	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	1187817-57-7	0.025
129	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	Ethanaminium, N-[4-[[4- (diethylamino)phenyl][4-(ethylamino)-1- naphthalenyl]methylene]-2,5- cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1- hexanesulfonate (1:1) (Calculated in terms of PFHxS)	1310480-24-0	0.025
130	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	Methanaminium, N-[4-[[4- (dimethylamino)phenyl][4-(ethylamino)- 1-naphthalenyl]methylene]-2,5- cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1- hexanesulfonate (1:1)	1310480-27-3	0.025
131	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	Methanaminium, N-[4-[[4- (dimethylamino)phenyl][4- (phenylamino)-1- naphthalenyl]methylene]-2,5- cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1- hexanesulfonate (1:1)	1310480-28-4	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
132	全氟己基磺酸与 β -环糊精络合物	Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) 1329995-45-0	0.025
133	全氟己基磺酸与 γ -环糊精络合物	Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1) 1329995-69-8	0.025
134	全氟己基磺酸三苯基硫鎓盐	Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 144116-10-9	0.025
135	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	Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 1462414-59-0	0.025
136	全氟己基磺酸二苯基碘鎓盐	Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 153443-35-7	0.025
137	N,N,N-三甲基-全氟己基磺酸甲基铵盐	Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) 189274-31-5	0.025
138	全氟己基磺酸与 2-甲基-2-丙胺络合物	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd.with 2-methyl-2-propanamine (1:1) 202189-84-2	0.025
139	全氟己基磺酸双[4-(1,1-二甲基乙基)苯基]碘鎓盐	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 213740-81-9	0.025
140	全氟己基磺酸双(4-甲基苯基)苯基硫鎓盐	Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) 341548-85-4	0.025
141	全氟己基磺酸(硫代二-4,1-亚苯基)双[二苯基]硫鎓盐	Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2) 421555-73-9	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
142	全氟己基磺酸镓 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)	341035-71-0	0.010
143	全氟己基磺酸铈 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	350836-93-0	0.010
144	全氟己基磺酸钕 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	41184-65-0	0.010
145	全氟己基磺酸钇 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	41242-12-0	0.010
146	全氟己基磺酸铯(PFHxS-Cs) 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1) (PFHxS-Cs)	92011-17-1	0.010
147	全氟己基磺酸锌 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	70136-72-0	0.010
148	全氟己基磺酸双[4-(1,1-二甲基丙基)苯基]碘鎓盐 Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	421555-74-0	0.025
149	全氟己基磺酸三[4-(1,1-二甲基乙基)苯基]硫鎓盐 Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	425670-70-8	0.025
150	全氟己基磺酸与 2,2'-亚氨基乙醇络合物 Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-16-0	0.025
151	全氟己基磺酸与三乙胺络合物 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	72033-41-1	0.025
152	全氟己基磺酸双[(1,1-二甲基乙基)苯基]碘鎓盐 Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9Cl)	866621-50-3	0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
153	全氟己基磺酸（4-甲基苯基）二苯硫鎓盐	Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	910606-39-2	0.025
154	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	Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	911027-68-4	0.025
155	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	Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclo-pentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	928049-42-7	0.025
156	全氟己基磺酰氟	Perfluorohexylsulfonyl fluoride	423-50-7	0.010
157	全氟己基磺酰氯	Perfluorohexylsulfonyl chloride	55591-23-6	0.025
158	1,1,2,2,3,4,5,6,6-三氟-1-己磺酸(1:1)的[4-（2-甲基-1-氧代-2-丙烯基）氧基]苯基]二苯基磺酰基, 与 2-乙基三环[3.3.1.13,7]2-甲基-2-丙烯酸癸-2-基、3-羟基三环[3.3.1.13,7]2-甲基-2-丙烯酸癸-1-基和 2-甲基-2-丙烯酸四氢-2-氧代-3-呋喃基的聚合物	Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.13,7]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.13,7]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	911027-69-5	0.025
159	全氟己基磺酸盐	Perfluorohexane sulfonate (anion)	108427-53-8	0.025
160	N-甲基全氟-1-己磺酰胺(N-Me-PFHxSA)	N-Methylperfluoro-1-hexanesulfonamide (N-Me-PFHxSA)	68259-15-4	0.01
161	全氟己烷磺酰胺	Perfluorohexane sulfonamide	41997-13-1	0.025
162	N-[3-（二甲基氨基）丙基]十三氟己磺酰胺	N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide	50598-28-2	0.025
163	2-[甲基[（十三氟己基）磺酰基]氨基]丙烯酸乙酯	2-[methyl[(tridecafluorohexyl)sulphonyl]amino]ethyl acrylate	67584-57-0	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
164	丙烯酸, 2-甲基, 2-[甲基 [(1,1,2,2,3,3,3,4,4,5,5,6,6-三 氟己基)磺酰基]氨基]乙酯	2-Propenoic acid, 2-methyl-, 2- [methyl[(1,1,2,2,3,3,3,4,4,5,5,6,6- tridecafluorohexyl)sulfonyl]amino]ethyl ester	67584-61-6 0.025
165	丙烯酸, 2-甲基, 2-[乙基 [(1,1,2,2,3,3,3,4,4,5,5,6,6-三 氟己基)磺酰基]乙基酯]	2-Propenoic acid, 2-methyl-, 2- [ethyl[(1,1,2,2,3,3,3,4,4,5,5,6,6- tridecafluorohexyl)sulfonyl]amino]ethyl ester	67906-70-1 0.1
166	1-己磺酰胺, 1,1,2,2,3,3,4,4,5,5,6,6-十三 氟 -N-(2-羟乙基)-N- 甲基	1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro- N-(2-hydroxyethyl)-N-methyl-	68555-75-9 0.1
167	甘氨酸, N- 乙基 -N- [(1,1,2,2,3,3,4,4,5,5,6,6-三 氟己基)磺酰基]-	Glycine, N-ethyl-N- [(1,1,2,2,3,3,4,4,5,5,6,6- tridecafluorohexyl)sulfonyl]-	68957-32-4 0.1
168	N-乙基-N-[(十三氟己基)磺酰 基]甘氨酸钾	Potassium N-ethyl-n- [(tridecafluorohexyl)sulfonyl]glycinate	67584-53-6 0.1
169	N-乙基-N-((十三氟己基)磺酰 基)甘氨酸钠	Sodium N-ethyl-N- ((tridecafluorohexyl)sulphonyl)glycinate	68555-70-4 0.1
170	全氟己酸	Perfluorohexane Acid	307-24-4 0.01
171	全氟己酸铵	Ammonium perfluorohexanoate	21615-47-4 0.01
172	全氟己酸钠	Sodium perfluorohexanoate	2923-26-4 0.01
173	全氟己酸钾	Potassium perfluorohexanoate	3109-94-2 0.01
174	全氟己酰氟	Perfluorohexanoyl fluoride	355-38-4 0.01
175	全氟己酸银	Silver perfluorohexanoate	336-02-7 0.01
176	全氟己酸锂	Lithium perfluorohexanoate	90430-61-8 0.01
177	全氟己酸酐	Perfluorohexanoic anhydride	308-13-4 0.01
178	全氟己酸哌嗪(2:1)	Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8CI,9CI)	423-47-2 0.01
179	全氟己酸盐	Perfluorohexanoate (anion)	92612-52-7 0.01
180	全氟丁酸	Perfluorobutane Acid	375-22-4 0.01
181	七氟丁酸钠	Sodium perfluorobutanoate	2218-54-4 0.01
182	七氟丁酸钾	Potassium heptafluorobutanoate	2966-54-3 0.01
183	七氟丁酸铵	Ammonium perfluorobutanoate	10495-86-0 0.01
184	七氟丁酸银	Silver perfluorobutanoate	3794-64-7 0.01
185	全氟丁酸锂	Lithium perfluorobutanoate	4146-76-3 0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
186	七氟丁酸哌嗪(1:1)	Heptafluorobutanoic acid-piperazine (1:1)	375-04-2	0.01
187	全氟丁酸盐	Perfluorobutanoate (anion)	45048-62-2	0.01
188	全氟丁磺酸	Perfluorobutane Sulfonate	375-73-5	0.01
189	全氟丁基磺酸钾	Perfluorobutanesulfonate K-salt	29420-49-3	0.01
190	全氟丁基磺酸水合物	Perfluorobutanesulfonic Acid Hydrate	59933-66-3	0.01
191	全氟丁基磺酸钠	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, sodium salt (1:1)	60453-92-1	0.01
192	九氟-1-丁烷磺酸锂	lithium perfluorobutanesulfonate	131651-65-5	0.01
193	全氟丁基磺酸铵	Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	68259-10-9	0.01
194	全氟丁基磺酸镁	Magnesium perfluorobutanesulfonate	507453-86-3	0.01
195	全氟丁基磺酸三苯基铊盐	Triphenyl Sulfonium Perfluorobutane Sulfonate	144317-44-2	0.025
196	全氟丁基磺酸四丁基磷	Tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	220689-12-3	0.025
197	N,N,N-三乙基乙醇胺全氟丁基磺酸	N,N,N,-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	25628-08-4	0.025
198	全氟丁磺酸吗啉	Morpholinium perfluorobutanesulfonate	503155-89-3	0.025
199	全氟-1-丁磺酸双（4-叔丁基苯基）碘鎓	Bis(4-tert-butylphenyl)iodonium perfluoro-1-butanesulfonate	194999-85-4	0.025
200	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）	1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid, compound with 2,2'-iminodiethanol (1:1)	70225-18-2	0.025
201	全氟丁基磺酸四丁基铵 ((PFBS-N(C ₄ H ₉) ₄))	Tetrabutylammonium nonafluorobutanesulfonate ((PFBS-N(C ₄ H ₉) ₄))	108427-52-7	0.025
202	全氟丁基磺酸二苯碘 ((PFBS-I(C ₆ H ₅) ₂))	Diphenyliodonium nonafluorobutane-1-sulfonate((PFBS-I(C ₆ H ₅) ₂))	194999-82-1	0.025
203	全氟丁基磺酸三(4-叔丁基苯基)铊	Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	241806-75-7	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
204	全氟丁基磺酸(4-环己基苯基)(二苯基)鎓	Sulfonium, (4-cyclohexylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	425670-64-0 0.025
205	全氟丁基磺酸 1-(1-甲基-1H-吡啶-3-基)硫醇-1-鎓	Thiophenium, tetrahydro-1-(1-methyl-1H-indol-3-yl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	867373-18-0 0.025
206	全氟丁基磺酸 1-乙基-3-甲基吡啶鎓	Pyridinium, 1-ethyl-3-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	1015420-87-7 0.025
207	全氟丁基磺酸 1-甲基-3-辛基咪唑鎓	1H-Imidazolium, 1-methyl-3-octyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	905972-83-0 0.025
208	全氟丁基磺酸 1-己基-3-甲基咪唑鎓	1H-Imidazolium, 3-hexyl-1-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	1001557-05-6 0.025
209	全氟丁基磺酸 N、N-二甲基-N-(丙-2-基)丙-2-胺	2-Propanaminium, N,N-dimethyl-N-(1-methylethyl)-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	374571-81-0 0.025
210	全氟丁基磺酸[4-(2-叔丁氧基-2-氧代乙氧基)苯基](二苯基)(1:1)	Sulfonium, [4-[2-(1,1-dimethylethoxy)-2-oxoethoxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	857285-80-4 0.025
211	全氟丁基磺酸 N、N-二丁基-N-甲基丁烷-1-胺(1:1)	1-Butanaminium, N,N-dibutyl-N-methyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	124472-66-8 0.025
212	全氟丁基磺酸锌(2:1)(PFBS-Zn)	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, zinc salt (2:1) (PFBS-Zn)	502457-69-4 0.025
213	全氟丁基磺酸 N、N、N-三丙基戊烷(1:1)	1-Pentanaminium, N,N,N-tripropyl-, 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanesulfonate (1:1)	56773-55-8 0.025
214	全氟丁基磺酸四甲基铵盐 (PFBS-N(CH ₃) ₄)	Perfluorobutanesulfonic acid tetramethylammonium salt (PFBS-N(CH ₃) ₄)	25628-17-5 0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
215	全氟丁基磺酸酐	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-, 1,1'- anhydride	36913-91-4	0.025
216	全氟丁基磺酸盐	Perfluorobutane sulfonate (anion)	45187-15-3	0.010
217	全氟丁基磺酰氟	Nonafluorobutanesulfonyl fluoride	375-72-4	0.010
218	全氟丁基磺酰氯	1,1,2,2,3,3,4,4,4-Nonafluorobutane-1- sulfonyl chloride	2991-84-6	0.010
219	全氟丁基磺酸二甲基（苯基）铊	Dimethyl(phenyl)sulfanium perfluorobutanesulfonate	220133-51-7	0.025
220	1-（4-丁氧基-1-萘基）四氢噻吩全氟丁基磺酸盐	1-(4-butoxy-1- naphthyl)tetrahydrothiophenium nonafluorobutane-1-sulfonate	209482-18-8	0.025
221	全氟戊酸	Perfluoropentane Acid	2706-90-3	0.01
222	全氟戊酸钠	Sodium perfluoropentanoate	2706-89-0	0.01
223	全氟戊酸钾	Potassium perfluoropentanoate	336-23-2	0.01
224	全氟戊酸铵	Ammonium perfluoropentanoate	68259-11-0	0.01
225	全氟戊酸盐	Perfluoropentanoate (anion)	45167-47-3	0.01
226	全氟戊酸锂	Lithium perfluoropentanoate	198482-22-3	0.01
227	全氟戊酸银	Silver perfluoropentanoate	2795-30-4	0.01
228	全氟庚酸	Perfluoroheptane Acid	375-85-9	0.01
229	全氟庚酸钠	Sodium perfluoroheptanoate	20109-59-5	0.01
230	全氟庚酸钾	Potassium perfluoroheptanoate	21049-36-5	0.01
231	全氟庚酸铵	Ammonium perfluoroheptanoate	6130-43-4	0.01
232	全氟庚酸铯	Cesium perfluoroheptanoate	171198-24-6	0.01
233	全氟庚酸银	Silver perfluoroheptanoate	424-05-5	0.01
234	全氟庚酸锂	Lithium perfluoroheptanoate	60871-90-1	0.01
235	全氟庚酸盐	Perfluoroheptanoate (anion)	120885-29-2	0.01
236	全氟庚烷磺酸	Perfluoroheptanesulfonic Acid	375-92-8	0.01
237	全氟庚基磺酸钠	Perfluoroheptanesulfonate Na-salt	21934-50-9	0.01
238	全氟庚基磺酸钾	Potassium Perfluoroheptanesulfonate	60270-55-5	0.01
239	全氟庚磺酸铵	Ammonium perfluoroheptanesulfonate	68259-07-4	0.01
240	全氟庚烷磺酸锂	Lithium perfluoroheptanesulfonate	117806-54-9	0.01
241	全氟庚烷磺酸-双(2-羟乙基)铵（1:1）	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7- pentadecafluoro-, compd. with 2,2'- iminobis[ethanol] (1:1)	70225-15-9	0.01

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
242	全氟庚烷磺酸盐	Perfluoroheptane sulfonate (anion)	146689-46-5	0.01
243	7H-十二氟庚酸	7H-Dodecanefluoroheptane Acid	1546-95-8	0.01
244	2,2,3,3,4,4,5,5,6,6,7,7-十二 氟庚酸钠	Sodium 2,2,3,3,4,4,5,5,6,6,7,7- dodecafluoroheptanoate	2264-25-7	0.01
245	2,2,3,3,4,4,5,5,6,6,7,7-十二 氟庚酸铵	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7- dodecafluoroheptanoate	376-34-1	0.01
246	1H,1H,2H,2H-全氟辛磺酸	1H,1H,2H,2H-Perfluorooctanesulphonic acid	27619-97-2	0.025
247	1H, 1H, 2H, 2H-全氟辛烷 磺酸钠	Sodium 1H,1H,2H,2H- Perfluorooctanesulfonate	27619-94-9	0.025
248	1H, 1H, 2H, 2H-全氟辛烷 磺酸钾	Potassium 1H,1H,2H,2H- Perfluorooctanesulfonate	59587-38-1	0.025
249	1H, 1H, 2H, 2H-全氟辛烷 磺酸铵	Ammonium 1H,1H,2H,2H- Perfluorooctanesulfonate	59587-39-2	0.025
250	1-辛烷磺酸, 3,3,4,4,5,5,6,6,7,7,8,8-三氟- 钡盐(2:1)	1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8-tridecafluoro-, barium salt (2:1)	1807944-82-6	0.025
251	1H,1H,2H,2H-全氟辛基丙烯 酸酯	1H,1H,2H,2H-Perfluorooctylacrylate	17527-29-6	0.1
252	1H,1H,2H,2H-全氟-1-己醇	1H,1H,2H,2H-Perfluoro-1-hexanol	2043-47-2	0.1
253	1H,1H,2H,2H-全氟-1-辛醇	1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	0.1
254	2,3,3,3-四氟-2-(七氟丙氧基) 丙酸	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propionic acid	13252-13-6	0.025
255	2,3,3,3-四氟-2-(七氟丙氧基) 丙酸铵	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propionic acid, ammonium salts	62037-80-3	0.025
256	2,3,3,3-四氟-2-(七氟丙氧基) 丙酸钾	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propionic acid, K- salts	67118-55-2	0.025
257	2,3,3,3-四氟-2-(七氟丙氧基) 丙酸酰基氟化物	2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propionic acid, its acyl halides	2062-98-8	0.025
258	1H,1H,2H,2H-全氟己烷磺酸	1H,1H,2H,2H-Perfluorohexanesulfonic acid	757124-72-4	0.025
259	1H, 1H, 2H, 2H- 全氟己 烷磺酸钠	1H,1H,2H,2H-perfluorohexane sulfonate acid sodium salt	27619-93-8	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
260	N-(全氟-1-辛烷磺酰基)甘氨酸 Perfluorooctane sulfonamidoacetic Acid	2806-24-8	0.025
261	N-甲基-N-(全氟-1-辛烷磺酰基)甘氨酸 N-Methylperfluoro-1-octanesulfonamidoacetic Acid	2355-31-9	0.025
262	N-乙基-N-(全氟-1-辛烷磺酰基)甘氨酸 N-Ethylperfluorooctane sulfonamidoacetic Acid	2991-50-6	0.025
263	全氟戊磺酸 Perfluoropentane sulfonic acid	2706-91-4	0.025
264	全氟戊磺酸钠 Sodium perfluoro-1-pentanesulfonate	630402-22-1	0.025
265	全氟戊磺酸钾 Potassium perfluoropentane-1-sulphonate	3872-25-1	0.025
266	全氟戊烷磺酸铵 Ammonium perfluoropentanesulfonate	68259-09-6	0.025
267	全氟戊磺酸-双(2-羟乙基)铵 Bis(2-hydroxyethyl) ammonium 1,1,2,2,3,3,4,4,5,5,5-undecafluoropentane-1-sulphonate	70225-17-1	0.025
268	全氟戊磺酸锂 Undecafluoropentane-1-sulfonic acid lithium salt	1046864-81-6	0.025
269	全氟戊磺酸盐 Perfluoropentane sulfonate (anion)	175905-36-9	0.025
270	2-全氟己基乙酸 2-Perfluorohexyl ethanoic acid	53826-12-3	0.025
271	3-全氟戊基丙酸 3-Perfluoropentyl propanoic acid	914637-49-3	0.025
272	全氟正十六酸 Perfluorohexadecanoic Acid	67905-19-5	0.025
273	全氟正十八酸 Perfluorooctadecanoic Acid	16517-11-6	0.025
274	1H,1H,2H,2H-全氟辛基甲基丙烯酸酯 1H,1H,2H,2H-Perfluorooctyl methacrylate	2144-53-8	0.025
275	4,8-二氧-3H-全氟壬酸 4,8-Dioxa-3H-perfluorononanoic acid	919005-14-4	0.025
276	4,8-二氧杂-3H-全氟壬酸铵 Ammonium 4,8-dioxa-3H-perfluorononanoate	958445-44-8	0.025
277	4,8-二氧杂-3H-全氟壬酸钠 Sodium 4,8-dioxa-3H-perfluorononanoate	2250081-67-3	0.025
278	全氟-3-甲氧基丙酸 Perfluoro-3-methoxypropanoic acid	377-73-1	0.025
279	全氟-4-甲氧基丁酸 Perfluoro-4-methoxybutanoic acid	863090-89-5	0.025
280	全氟-3,6-二氧杂庚酸 Nonfluoro-3,6-dioxaheptanoic acid	151772-58-6	0.025
281	9-氯十六氟-3-氧代壬烷-1-磺酸 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	756426-58-1	0.025
282	11-氯二十碳氟-3-氧十一烷-1-磺酸 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid	763051-92-9	0.025
283	全氟(2-乙氧基乙烷)磺酸 Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
284	3-全氟丙基丙酸	3-Perfluoropropyl propanoic acid	356-02-5	0.025
285	全氟十五烷酸	Perfluoropentadecanoic acid	141074-63-7	0.025
286	1H,1H,2H,2H-全氟己基甲基丙烯酸酯	1H,1H,2H,2H-Perfluorohexylmethacrylate	1799-84-4	0.025
287	2-(N-乙基全氟辛烷磺酰胺基)丙烯酸乙酯	2-(N-ethylperfluorooctanesulfamido)ethyl acrylate	423-82-5	0.025
288	全氟辛基三乙氧基硅烷	Perfluorooctyl triethoxysilane	51851-37-7	0.025
289	1,1,1,2,2,3,3,4,4,5,5,6-三氟-8-碘十八烷	1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane	2043-57-4	0.1
290	全氟丁烷磺酰胺	Perfluorobutane sulfon amides	30334-69-1	0.1
291	N-(2-羟乙基)-N-甲基全氟丁烷磺酰胺	1,1,2,2,3,3,4,4,4-nonafluoro-N-(2-hydroxyethyl)-N-methylbutane-1-sulphonamide	34454-97-2	0.025
292	11H-全氟十一烷酸	11H-Perfluoroundecanoic acid	1765-48-6	0.025
293	11H-全氟十一烷酸钾	potassium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosaflluoroundecanoate	307-71-1	0.025
294	11H-全氟十一烷酸铵	Ammonium 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-icosaflluoroundecanoate	5081-02-7	0.025
295	五氟丙酸	Pentafluoropropionic acid	422-64-0	0.025
296	五氟丙酸钠(PFPrA-Na)	Sodium pentafluoropropionate (PFPrA-Na)	378-77-8	0.025
297	五氟丙酸银(PFPrA-Ag)	Silver pentafluoropropionate (PFPrA-Ag)	509-09-1	0.025
298	五氟丙酸钾(PFPrA-K)	Potassium pentafluoropropionate (PFPrA-K)	378-76-7	0.025
299	五氟丙酸铵(PFPrA-NH ₄)	Ammonium pentafluoropropionate (PFPrA-NH ₄)	2730-58-7	0.025
300	1H, 1H, 2H, 2H-全氟癸基三氯硅烷	1H,1H,2H,2H-Perfluorodecyltrichlorosilane	78560-44-8	0.1
301	1H, 1H, 2H, 2H-全氟癸基三甲氧基硅烷	1H,1H,2H,2H-Perfluorodecyltrimethoxysilane	83048-65-1	0.1
302	1H, 1H, 2H, 2H-全氟辛基三氯硅烷	1H,1H,2H,2H-Perfluorooctyltrichlorosilane	78560-45-9	0.1

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
303	1H, 1H, 2H, 2H-全氟癸基 甲基二氯硅烷	1H,1H,2H,2H- Perfluorodecylmethyldichlorosilane	3102-79-2 0.1
304	2H-全氟-2-癸烯酸	2H-Perfluoro-2-decenoic acid	70887-84-2 0.025
305	2H-全氟-2-辛烯酸	2H-Perfluoro-2-octenoic acid	70887-88-6 0.025
306	2H-全氟-2-十二烯酸	2H-Perfluoro-2-dodecenoic acid	70887-94-4 0.025
307	2-全氟癸基乙酸	2-Perfluorodecyl ethanoic acid	53826-13-4 0.025
308	6:6 全氟次膦酸	6:6 Perfluorophosphinic acid	40143-77-9 0.025
309	6:8 全氟次膦酸	6:8 Perfluorophosphinic acid	610800-34-5 0.025
310	8:8 全氟次膦酸	8:8 Perfluorophosphinic acid	40143-79-1 0.025
311	全氟庚基磺酸钠 (PFHpS- Na)	Perfluoroheptanesulfonate Na- salt(PFHpS-Na)	68555-66-8 0.025
312	癸酸, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9, 10,10,10-十八氟-9- (三氟甲 基) -铵盐	Decanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,10,10,10- octadecafluoro-9- (trifluoromethyl)-, ammonium salt	3658-63-7 0.025
313	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,11,12,12,12-二十二 氟-11-(三氟甲基)十二烷酰氟	Dodecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 12,12,12-docosafluoro-11- (trifluoromethyl)-	15811-52-6 0.025
314	2,2,3,3,4,4,5,5,6,6,7,7,8,8,9, 9,10,10,11,11,12,12,13,14,1 4,14-二十六氟-13-(三氟甲 基)肉豆蔻酰氟	Tetradecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,12,12,13,14,14,14-hexacosafuoro- 13-(trifluoromethyl)-	68025-62-7 0.025
315	二十六氟-13-(三氟甲基)十四 烷酸	Tetradecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 11,12,12,13,14,14,14-hexacosafuoro- 13-(trifluoromethyl)-	18024-09-4 0.025
316	二十二氟-11-(三氟甲基)十二 烷酸	Dodecanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11, 12,12,12-docosafluoro-11- (trifluoromethyl)-	16486-96-7 0.025
317	全氟戊酸钠盐	Sodium perfluorovalerate salt	2483735-37-9 0.01
318	十四烷, 1.1.1.2.2.3.3.4.4.5.5.6.6.7.7. 8.8.9.10.10.11.11.12.12.13, 13.14.14-非共氟-14-碘-	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10, 10,11,11,12,12,13,13,14,14- nonacosafuoro-14-iodo-	307-63-1 0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
319	全氟十一烷磺酸钠	Sodium Perfluoroundecane sulfonic	—	0.01
320	2H,2H,3H,3H-全氟壬酸	2H,2H,3H,3H-Perfluorononanoic acid	27854-30-4	0.025
321	1-甲基-3-(1H,1H,2H,2H-全氟辛基)咪唑六氟磷酸盐	1-Methyl-3-(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)imidazolium hexafluorophosphate	313475-50-2	0.025
322	全氟己酰氯	Perfluorohexanoyl chloride	335-53-5	0.025
323	三氟乙酸(TFA)	Trifluoroacetic Acid (TFA)	76-05-1	0.025
324	1,1,1,2,2,3,4,4,5,6,7,8,9,10,11,11,12,12,13,13,14,14-壬二氟 14-碘十四烷-	Pentadecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14,15,15-hentriacontafluoro-15-iodo-	335-79-5	0.025
325	1,1,1,2,2,3,4,4,5,6,7,8,9,9,10,11,11,12,12,13,13-十七氟 13-碘十三烷-	Tridecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13-heptacosafuoro-13-iodo-	376-04-5	0.025
326	1H, 1H 三氟庚胺	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, potassium salt (1:1)	423-49-4	0.025
327	(全氟己基)十六烷	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, silver(1+) salt (1:1)	133310-71-1	0.025
328	1-(全氟己基)辛烷	Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, chromium(3+) salt (3:1)	133331-77-8	0.025
329	十一氟己酸甲酯	Methyl Undecafluorohexanoate	424-18-0	0.025
330	全氟-1-十一烷磺酸钠	Sodium perfluoro-1-undecanesulfonate	—	0.025
331	全氟-2-乙基-2, 3-二甲基丁酸	Butanoic acid, 3,3,4,4,4-pentafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-2-(trifluoromethyl)-	1882109-59-2	0.025
332	全氟-3, 3-二甲基己酸	Hexanoic acid, 2,2,4,4,5,5,6,6,6-nonafluoro-3,3-bis(trifluoromethyl)-	1812247-20-3	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
333	全氟-2, 3-二甲基己酸 Hexanoic acid, 2,3,4,4,5,5,6,6,6-nonafluoro-2,3-bis(trifluoromethyl)-	1812247-18-9	0.025
334	全氟-4, 5-二甲基己酸 Hexanoic acid, 2,2,3,3,4,5,6,6,6-nonafluoro-4,5-bis(trifluoromethyl)-	1144512-36-6	0.025
335	全氟-5, 5-二甲基己酸 Hexanoic acid, 2,2,3,3,4,4,6,6,6-nonafluoro-5,5-bis(trifluoromethyl)-	1144512-34-4	0.025
336	全氟-5-甲基庚酸 Heptanoic acid, 2,2,3,3,4,4,5,6,6,7,7,7-dodecafluoro-5-(trifluoromethyl)-	909009-42-3	0.025
337	全氟-2-甲基庚酸 Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2-(trifluoromethyl)-	207678-51-1	0.025
338	全氟-2-乙基己酸 Hexanoic acid, 2,3,3,4,4,5,5,6,6,6-decafluoro-2-(1,1,2,2,2-pentafluoroethyl)-	35605-76-6	0.025
339	全氟-2, 5-二甲基己酸 Hexanoic acid, 2,3,3,4,4,5,6,6,6-nonafluoro-2,5-bis(trifluoromethyl)-	1882109-80-9	0.025
340	全氟-2, 2-二乙基丁酸 Butanoic acid, 3,3,4,4,4-pentafluoro-2,2-bis(1,1,2,2,2-pentafluoroethyl)-	1882109-58-1	0.025
341	全氟-2, 4-二甲基己酸 Hexanoic acid, 2,3,3,4,5,5,6,6,6-nonafluoro-2,4-bis(trifluoromethyl)-	1812247-19-0	0.025
342	全氟-2, 2-二甲基己酸 Hexanoic acid, 3,3,4,4,5,5,6,6,6-nonafluoro-2,2-bis(trifluoromethyl)-	1812247-17-8	0.025
343	全氟-4, 4-二甲基己酸 Hexanoic acid, 2,2,3,3,5,5,6,6,6-nonafluoro-4,4-bis(trifluoromethyl)-	1192593-79-5	0.025
344	全氟-3, 5-二甲基己酸 Hexanoic acid, 2,2,3,4,4,5,6,6,6-nonafluoro-3,5-bis(trifluoromethyl)-	1144512-35-5	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
345	全氟-4-甲基庚酸 Heptanoic acid, 2,2,3,3,4,5,5,6,6,7,7,7-dodecafluoro-4-(trifluoromethyl)-	1144512-18-4	0.025
346	全氟-3-甲基庚酸 Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3-(trifluoromethyl)-	705240-04-6	0.025
347	全氟-6-(三氟甲基)庚酸 Heptanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-6-(trifluoromethyl)-	15166-06-0	0.025
348	全氟-3, 4-二甲基己酸 Hexanoic acid, 2,2,3,4,5,5,6,6,6-nonafluoro-3,4-bis(trifluoromethyl)-	1882109-81-0	0.025
349	全氟-4-乙基己酸 Hexanoic acid, 2,2,3,3,4,5,5,6,6,6-decafluoro-4-(1,1,2,2,2-pentafluoroethyl)-	1882109-79-6	0.025
350	全氟-3-乙基己酸 Hexanoic acid, 2,2,3,4,4,5,5,6,6,6-decafluoro-3-(1,1,2,2,2-pentafluoroethyl)-	1882109-78-5	0.025
351	全氟-2-丙基戊酸 Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-(1,1,2,2,3,3,3-heptafluoropropyl)-	1882109-77-4	0.025
352	全氟-2-(丙基-2-基)戊酸 Pentanoic acid, 2,3,3,4,4,5,5,5-octafluoro-2-[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-	1882109-76-3	0.025
353	全氟-3, 4, 4-三甲基戊酸 Pentanoic acid, 2,2,3,5,5,5-hexafluoro-3,4,4-tris(trifluoromethyl)-	1882109-75-2	0.025
354	全氟-3, 3, 4-三甲基戊酸 Pentanoic acid, 2,2,4,5,5,5-hexafluoro-3,3,4-tris(trifluoromethyl)-	1882109-74-1	0.025
355	全氟-2, 4, 4-三甲基戊酸 Pentanoic acid, 2,3,3,5,5,5-hexafluoro-2,4,4-tris(trifluoromethyl)-	1882109-73-0	0.025
356	全氟-2, 3, 4-三甲基戊酸 Pentanoic acid, 2,3,4,5,5,5-hexafluoro-2,3,4-tris(trifluoromethyl)-	1882109-72-9	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
357	全氟-2, 3, 3-三甲基戊酸 Pentanoic acid, 2,4,4,5,5,5-hexafluoro-2,3,3- tris(trifluoromethyl)-	1882109-71-8	0.025
358	全氟-2, 2, 4-三甲基戊酸 Pentanoic acid, 3,3,4,5,5,5-hexafluoro-2,2,4- tris(trifluoromethyl)-	1882109-70-7	0.025
359	全氟-3- (2-丙基) 戊酸 Pentanoic acid, 2,2,3,4,5,5,5-heptafluoro-3-(1,1,2,2,2- pentafluoroethyl)-4-(trifluoromethyl)-	1882109-68-3	0.025
360	全氟-3-乙基-3-甲基戊酸 Pentanoic acid, 2,2,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2- pentafluoroethyl)-3-(trifluoromethyl)-	1882109-67-2	0.025
361	全氟-3-乙基-2-甲基戊酸 Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-3-(1,1,2,2,2- pentafluoroethyl)-2-(trifluoromethyl)-	1882109-66-1	0.025
362	全氟-2-乙基-4-甲基戊酸 Pentanoic acid, 2,3,3,4,5,5,5-heptafluoro-2-(1,1,2,2,2- pentafluoroethyl)-4-(trifluoromethyl)-	1882109-65-0	0.025
363	全氟-2-乙基-3-甲基戊酸 Pentanoic acid, 2,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2- pentafluoroethyl)-3-(trifluoromethyl)-	1882109-64-9	0.025
364	全氟-2-乙基-2-甲基戊酸 Pentanoic acid, 3,3,4,4,5,5,5-heptafluoro-2-(1,1,2,2,2- pentafluoroethyl)-2-(trifluoromethyl)-	1882109-63-8	0.025
365	全氟-2, 2, 3-三甲基戊酸 Pentanoic acid, 3,4,4,5,5,5-hexafluoro-2,2,3- (trifluoromethyl)-	1882109-69-4	0.025
366	全氟-2, 2, 3, 3-四甲基丁酸 Butanoic acid, 4,4,4-trifluoro-2,2,3,3- tetrakis(trifluoromethyl)-	1882109-62-7	0.025
367	全氟-3-甲基-2- (2-丙基) 丁酸 Butanoic acid, 2,3,4,4,4-pentafluoro-2- [1,2,2,2-tetrafluoro-1- (trifluoromethyl)ethyl]-3- (trifluoromethyl)-	1882109-61-6	0.025
368	全氟-2-乙基-3, 3-二甲基丁酸 Butanoic acid, 2,3,3,4,4,4-hexafluoro-2-[2,2,2-trifluoro- 1,1-bis(trifluoromethyl)ethyl]-	1882109-60-5	0.025

序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
369	全氟-2-乙基己酸铵 Hexanoic acid, 2,3,3,4,4,5,5,6,6-decafluoro-2- (1,1,2,2,2-pentafluoroethyl)-, ammonium salt (1:1);	13058-06-5	0.025
370	全氟-2-乙基己酸钠 Hexanoic acid, 2,3,3,4,4,5,5,6,6-decafluoro-2- (1,1,2,2,2-pentafluoroethyl)-, sodium salt (1:1)	1195164-59-0	0.025
371	全氟-6-甲基庚酸铵 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6- (trifluoromethyl)-, ammonium salt (1:1)	19742-57-5	0.025
372	全氟-6-甲基庚酸铁盐 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6- (trifluoromethyl)-, iron salt (1:x)	61436-04-2	0.025
373	全氟-6-甲基庚酸钾 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6- (trifluoromethyl)-, potassium salt (1:1)	29457-73-6	0.025
374	全氟-6-甲基庚酸钠 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6- (trifluoromethyl)-, sodium salt (1:1)	18017-22-6	0.025
375	全氟-6-（甲基）庚酸铬 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6- (trifluoromethyl)-, chromium salt (1:x)	15739-82-9	0.025
376	全氟-6-甲基庚酸铝 Heptanoic acid, 2,2,3,3,4,4,5,5,6,7,7,7-dodecafluoro-6- (trifluoromethyl)-, aluminum salt (3:1)	15715-47-6	0.025
377	全氟-2-甲基庚酸铵 Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2- (trifluoromethyl)-, ammonium salt (1:1)	207678-62-4	0.025
378	全氟-2-甲基庚酸钠 Heptanoic acid, 2,3,3,4,4,5,5,6,6,7,7,7-dodecafluoro-2- (trifluoromethyl)-, sodium salt (1:1)	207678-72-6	0.025
379	全氟-3-甲基庚酸钠 Heptanoic acid, 2,2,3,4,4,5,5,6,6,7,7,7-dodecafluoro-3- (trifluoromethyl)-, sodium salt (1:1)	646-84-4	0.025
380	三氟乙酸钠 Sodium trifluoroacetate	2923-18-4	0.025
381	三氟乙酸铊 Thallium(III) trifluoroacetate	23586-53-0	0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
382	三氟乙酸锂	Lithium Trifluoroacetate	2923-17-3	0.025
383	三氟乙酸银	Silver trifluoroacetate	2966-50-9	0.025
384	三氟乙酸铯	Cesium Trifluoroacetate	21907-50-6	0.025
385	三氟乙酸钾	Potassium trifluoroacetate	2923-16-2	0.025
386	三氟乙酸铵	Ammoniumtrifluoroacetate	3336-58-1	0.025
387	三氟乙酸汞	Mercury(II) trifluoroacetate	13257-51-7	0.025
388	三氟乙酸钯	Palladium(II) trifluoroacetate	42196-31-6	0.025
389	二十一氟十二烷基磷酸二氢酯	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl dihydrogen phosphate	57678-05-4	0.025
390	二十一氟十二烷基磷酸二氢酯环己铵盐	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-Henicosafuorododecyl dihydrogen phosphate cyclohexylamine	2514858-66-1	0.025
391	七氟丁酰胺	2,2,3,3,4,4,4-heptafluorobutyramide	662-50-0	0.025
392	全氟庚酰胺	Tridecafluoroheptanamide	2358-22-7	0.025
393	全氟己基乙烯	(Perfluorohexyl)ethylene	25291-17-2	0.025
394	1,1,1,2-四氟乙烷	Norflurane	811-97-2	0.025
395	五氟乙烷	Pentafluoroethane	354-33-6	0.025
396	十七氟-1-癸醇磷酸二氢酯	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl dihydrogen phosphate	57678-03-2	0.025
397	11-氯-3-氧杂全氟十一烷磺酸钾	Potassium 11-chloroeicosafuoro-3-oxaundecane-1-sulfonate	83329-89-9	0.025
398	9-氯-3-氧杂全氟壬烷磺酸钾	Potassium 9-chlorohexadecafluoro-3-oxanonane-1-sulfonate	73606-19-6	0.025
399	双(2-(全氟乙基))磷酸铵	Ammonium bis(1H,1H,2H,2H-perfluorodecyl)phosphate	93776-20-6	0.025
400	全氟癸基膦酸	Perfluorodecylphosphonic acid	52299-26-0	0.025
401	1H,1H,2H,2H-全氟十二烷磺酸钠	1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium	108026-35-3	0.025
402	3-(全氟正己基)丙醇	3-(Perfluorohexyl)propan-1-ol	80806-68-4	0.025
403	甲基全氟戊基酮	Methyl Perfluoroamyl Ketone	2708-07-8	0.025
404	全氟三丁胺	Perfluorotributylamine	311-89-7	0.025
405	三甲基(十三氟己基)硅烷	Trimethyl(tridecafluorohexyl)silane	135841-49-5	0.025
406	2,2,3,3,4,4,4-七氟-1-丁醇	2,2,3,3,4,4,4-heptafluoro-1-butanol	375-01-9	0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
407	1H,1H-十三氟-1-碘庚烷	1H,1H-Tridecafluoro-1-iodoheptane	212563-43-4	0.025
408	乙基全氟正戊酮	Ethyl Undecafluoroamyl Ketone	383177-55-7	0.025
409	1-溴全氟己烷	1-Bromoperfluorohexane	335-56-8	0.025
410	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-十三氟壬基)碘乙酰胺	N-(4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl)iodoacetamide	852527-50-5	0.025
411	全氟辛烷	Perfluorooctane	307-34-6	0.025
412	三甲氧基(3,3,4,4,5,5,6,6,7,7,8,8,8-三氟基)硅烷	Trimethoxy(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silane	85857-16-5	0.025
413	2,2,3,3,4,4,5,5,6,6,6-十一氟己烷-1-醇	2,2,3,3,4,4,5,5,6,6,6-undecafluorohexan-1-ol	423-46-1	0.025
414	3-(全氟正己基)环氧丙烷	3-Perfluorohexyl-1,2-epoxypropane	38565-52-5	0.025
415	1,1,1,2,3,4,4,5,5,5-十氟-3-甲氧基-2-三氟甲基戊烷	1,1,1,2,2,3,4,5,5,5-Decafluoro-3-methoxy-4-(trifluoromethyl)pentane	132182-92-4	0.025
416	N-乙基-N-[(十七烷氟辛基)磺酰基]-甘氨酸钾盐	Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt	2991-51-7	0.025
417	全氟辛酸 N, N, N-三甲基甲烷	Perfluorooctanoate N,N,N-Trimethylmethanaminium	32609-65-7	0.025
418	全氟辛酸四丙基铵	Tetrapropylammonium perfluorooctanoate	277749-00-5	0.025
419	全氟辛酸四乙基铵	N,N,N-Triethylethanaminium perfluorooctanoate	98241-25-9	0.025
420	2H,2H,3H,3H-全氟十一酸锂	Lithium 3-(perfluorooctyl)propanoate	67304-23-8	0.025
421	2-碘-1H,1H,1H,2H,3H,3H-全氟壬烷	1-(Perfluorohexyl)-2-iodopropane	38550-34-4	0.025
422	3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟基硫氰酸酯	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl thiocyanate	26650-09-9	0.025
423	4,4,5,5,6,6,7,7,8,8,9,9,9-十三氟壬基碘化物	4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide	89889-20-3	0.025
424	3,3,4,4,5,5,6,6,7,7,8,8,8-三氟-1-硫醇	3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctane-1-thiol	34451-26-8	0.025
425	1H,1H,2H,2H-全氟辛基二甲基氯硅烷	1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane	102488-47-1	0.025
426	三氧基[5,5,6,6,7,7,7-七氟-4,4-双(三氟甲基)庚基]硅烷	Triethoxy[5,5,6,6,7,7,7-heptafluoro-4,4-bis(trifluoromethyl)heptyl]silane	130676-81-2	0.025
427	1H,1H-十三氟-1-庚醇	1H,1H-Perfluoro-1-heptanol	375-82-6	0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
428	4-(3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟辛基)苄醇	4-(3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctyl)benzyl alcohol	356055-76-0	0.025
429	2-全氟辛基乙基乙酸酯	1H,1H,2H,2H-Perfluorodecyl acetate	37858-04-1	0.025
430	1H.1H,2H,2H-全氟己基三异丙氧基硅烷	2-(Perfluorohexyl)ethyltris(1-methylethoxy)silane	1240203-07-9	0.025
431	双（1,1,1,2,2,3,3,4,4-九氟-1-丁烷磺酰胺）二酰亚胺	Bis(1,1,2,2,3,3,4,4,4-nonafluoro-1-butaneulfonyl)imide	39847-39-7	0.025
432	N- [羧甲基-N,N-甲基-3-[(3,3,4,4,5,5,6,6,7,7,8,8,8-十三氟代基)磺酰胺基]丙基]铵内盐	Carboxymethyl dimethyl-3-[[[(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)sulphonyl]amino]propylammonium hydroxide	34455-29-3	0.025
433	全氟-2-三氟甲氧基乙酸	2,2-difluoro-2-(trifluoromethoxy)acetic acid	674-13-5	0.025
434	双（2-全氟辛基磺酰基-N-氨乙基）磷酸	Bis[2-[N-ethyl(heptadecafluorooctanesulphonyl)amino]ethyl] hydrogen phosphate	2965-52-8	0.025
435	全氟基基膦酸	Perfluorohexyl ethylphosphonic acid	252237-40-4	0.025
436	全氟基基膦酸钠	Tridecafluorooctyl-phosphonic acid sodium salt (1:1)	1189052-95-6	0.025
437	单[2-(全氟己基)乙基]磷酸酯	1-Octanol, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, 1-(dihydrogen phosphate)	57678-01-0	0.025
438	全氟-3,6-二氧庚酸	Perfluoro-3,6-dioxaoctanoic acid	80153-82-8	0.025
439	7H-全氟-3,6-二氧-4-甲基辛烷-1-磺酸	7H-Perfluoro-4-methyl-3,6-dioxaoctanesulfonic acid	749836-20-2	0.025
440	全氟辛基磺酸四甲基铵	Tetramethylammonium perfluorooctane sulfonate	56773-44-5	0.025
441	全氟辛基磺酸二乙胺	Perfluorooctanesulfonic acid diethylamine salt	2205029-08-7	0.025
442	全氟辛基磺酸三乙胺	Triethylammonium perfluorooctane sulfonate	54439-46-2	0.025
443	全氟辛基磺酸三丁基甲基铵	N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate	124472-68-0	0.025
444	全氟辛基磺酸戊基（三丙基）氮胺	N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate	56773-56-9	0.025
445	全氟辛基磺酸四丁基磷	Tetrabutylphosphonium perfluorooctane sulfonate	2185049-59-4	0.025

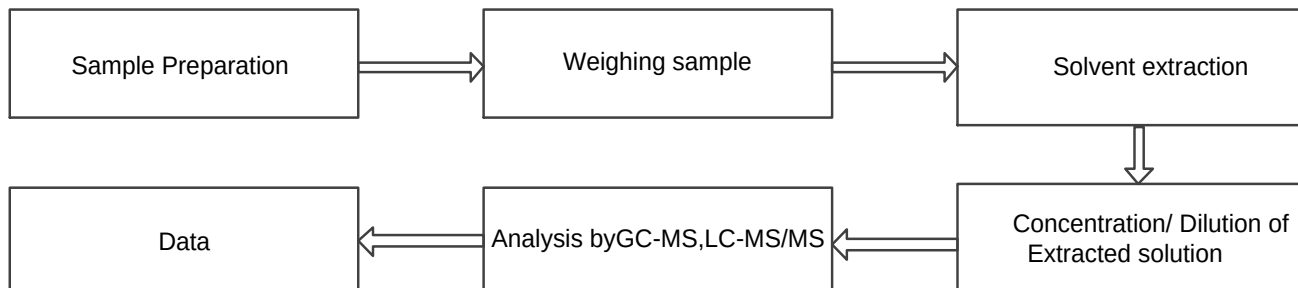
序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
446	全氟辛基磺酸庚基二甲基-[2-(2-甲基丙-2-烯酰氧基)乙基]胺	heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate	1203998-97-3 0.025
447	全氟辛基磺酸双[4-(1,1-二甲基乙基)苯基]-碘鎓	Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)	213740-80-8 0.025
448	全氟辛基磺酸二苯基(2,4,6-三甲基苯基)硫	Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate	258341-99-0 0.025
449	全氟辛基磺酸十六烷基吡啶	1-Hexadecylpyridinium perfluoro-1-octanesulfonate	334529-63-4 0.025
450	全氟辛基磺酸酐	Perfluorooctane sulfonic anhydride	423-92-7 0.025
451	全氟辛酸钾水合物	Potassium pentadecafluorooctanoate--water (1/1/2)	98065-31-7 0.025
452	全氟辛酸乙胺	Perfluorooctanoic acid compd. with ethanamine (1:1)	1376936-03-6 0.025
453	全氟辛酸吡啶	Pentadecafluorooctanoic acid--pyridine (1/1)	95658-47-2 0.025
454	全氟辛酸苯基哌嗪	pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1)	1514-68-7 0.025
455	全氟辛酸辛基三甲基铵	N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate	927835-01-6 0.025
456	1H,1H,2H,2H-全氟癸磺酸盐	2-(Perfluorooctyl)ethane-1-sulfonate	481071-78-7 0.025
457	双(2-(全氟乙基))磷酸盐	8:2 Fluorotelomer phosphate diester ion (1-)	1411713-91-1 0.025
458	双(2-(全氟乙基))磷酸二乙醇胺	Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate	57677-97-1 0.025
459	全氟辛基磺酰胺三乙胺	Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1)	76752-82-4 0.025
460	全氟己酸己胺	Undecafluorohexanoic acid--hexan-1-amine (1/1)	565225-91-4 0.025
461	全氟己酸苯基哌嗪	1-phenylpiperazine; 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid	985-60-4 0.025

序号 No.	物质名称 Substance Name		CAS 号 CAS No.	方法检出限 MDL
462	全氟庚烷磺酸三乙胺	Triethylammonium perfluoroheptane sulfonate	72033-40-0	0.025
463	全氟庚烷磺酸四乙基胺	Tetraethylammonium perfluoroheptane sulfonate	439863-97-5	0.025
464	全氟庚烷磺酸酐	Perfluoroheptane sulfonic anhydride	140429-92-1	0.025
465	全氟癸烷磺酸酐	Perfluorodecane sulfonic anhydride	51667-62-0	0.025
466	1H,1H,2H,2H-全氟辛磺酸盐	2-(Perfluorohexyl)ethane-1-sulfonate	425670-75-3	0.025
467	全氟戊酸苄基硫脲	Nonafluoropentanoic acid - 1-benzylthiourea (1:1)	64808-55-5	0.025
468	全氟戊酸酐	Perfluoropentanoic anhydride	308-28-1	0.025
469	全氟壬酸磺胺甲氧基吡嗪	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate	298703-33-0	0.025
470	全氟壬酸酐	Perfluorononanoic anhydride	228407-54-3	0.025
471	全氟癸酸酐	Perfluorodecanoic anhydride	942199-24-8	0.025
472	7H-十二氟庚酸盐	7-H-Perfluoroheptanoate	69681-35-2	0.025
473	2,3,3,3-四氟-2-(七氟丙氧基)丙酸盐	Perfluoro(2-propoxypropanoate)	122499-17-6	0.025
474	2,3,3,3-四氟-3-(七氟丙氧基)丙酸钠	Sodium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	67963-75-1	0.025
475	2,3,3,3-四氟-4-(七氟丙氧基)丙酸三乙胺	Triethylaminium perfluoro-2-propoxypropanoate	165951-18-8	0.025
476	2,3,3,3-四氟-5-(七氟丙氧基)丙酸二丙胺	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propanoic acid--N-propylpropan-1-amine (1/1)	165951-17-7	0.025
477	2,3,3,3-四氟-6-(七氟丙氧基)丙酸磺胺甲氧基吡嗪	4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	298703-31-8	0.025
478	2,3,3,3-四氟-7-(七氟丙氧基)丙酸（1-甲基哌啶-3-基） 2,3,6-三碘苯甲酸甲酯	2,3,6-Triiodobenzoic acid (1-methyl-3-piperidiny)methyl ester compd. with perfluoro-2-(propoxy)propanoate (1:1)	2412106-69-3	0.025
479	全氟正十八酸盐	Perfluorooctadecanoate anion	798556-82-8	0.025
480	全氟正十六酸盐	Hentriacontafuorohexadecanoate anion	1214264-30-8	0.025

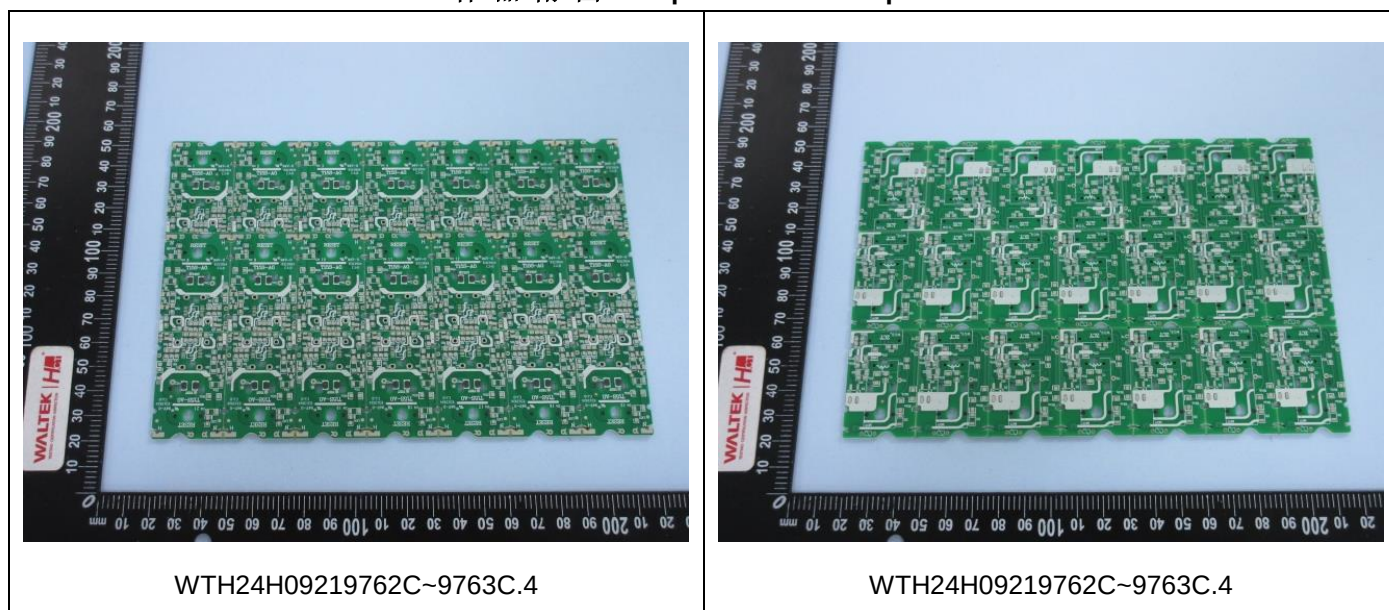
序号 No.	物质名称 Substance Name	CAS 号 CAS No.	方法检出限 MDL
481	N-(十七氟辛基磺酰基)-N-甲基甘氨酸盐	2-(N-Methylperfluorooctanesulfonamido)acetate 909405-48-7	0.025
482	N-(十七氟辛基磺酰基)-N-甲基甘氨酸钾	Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate 70281-93-5	0.025
483	N-乙基-N-((十七氟辛基)磺酰基)甘氨酸盐	2-(N-Ethyl-perfluorooctanesulfonamido)acetate 909405-49-8	0.025
484	N-乙基-N-((十七氟辛基)磺酰基)甘氨酸铵	Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate 2991-52-8	0.025
485	N-乙基-N-((十七氟辛基)磺酰基)甘氨酸钠	Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate 3871-50-9	0.025
486	1H,1H,2H,2H-全氟己烷磺酸盐	4:2 Fluorotelomer sulfonate 414911-30-1	0.025
487	11H-全氟十一烷酸盐	11-H-Perfluoroundecanoate 69681-37-4	0.025
488	全氟辛烷磺酰氨基乙酸盐	N-[(Perfluorooctyl)sulfonyl]glycinate 909405-47-6	0.025
489	全氟辛烷磺酰氨基乙酸钾	N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) 75260-69-4	0.025
490	全氟辛烷磺酰氨基乙酸钠	N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) 115716-87-5	0.025
491	全氟十五烷酸盐	Nonacosafuoropentadecanoate 1214264-29-5	0.025
492	全氟戊烷磺酸三乙胺	Triethylammonium perfluoropentane sulfonate 72033-42-2	0.025
493	全氟戊烷磺酐	Perfluoropentane sulfonic anhydride 161877-72-1	0.025

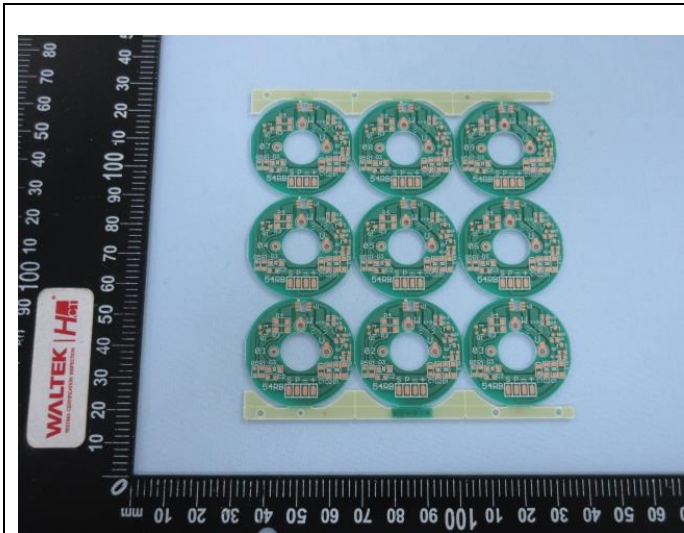
检测流程图 / Test Flow Chart:



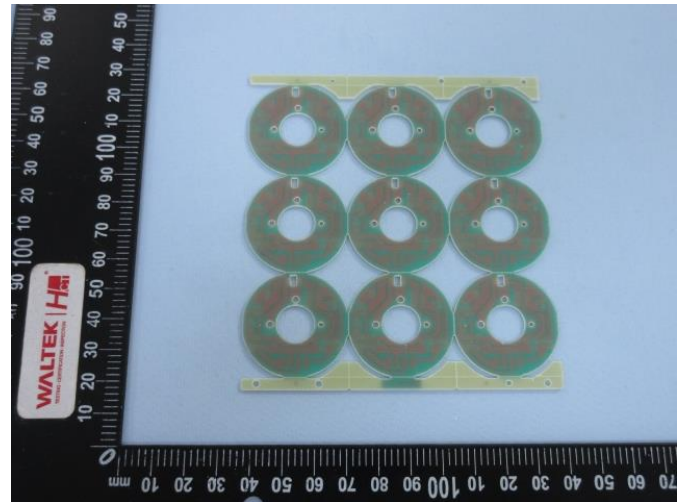


样 品 附 图/ The photo of the sample





WTH24H09219762C~9763C.5



WTH24H09219762C~9763C.5

声明/ Statement:

1. 检测报告无批准人签字和专用章无效。

This report is considered invalid without approved signature and special seal.

2. 委托单位及地址，样品和样品信息由委托方提供，委托方应对其真实性负责，HCT 未核实其真实性。

The Applicant name and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which HCT hasn't verified.

3. 本报告检测结果（结论）仅对受测样品负责。

The result(s)(conclusion) shown in this report refer(s) only to the sample(s) tested.

4. 未经 HCT 书面同意，不得部分复制本报告。

Without written approval of HCT, this report can't be reproduced except in full.

5. 无 CMA 标识报告中的结果仅用于客户科研、教学、内部质量控制、产品研发等目的，仅供内部参考。

The result(s) in no CMA logo report shall only be used for client's scientific research, teaching, internal quality control, product research and development, etc..and just for internal reference.

6. 有 CNAS 标识报告中的“n”代表该检测项目暂未申请 CNAS 认可。

The “n” in CNAS logo report means that the test item(s) was (were) currently not applying for CNAS accreditation.

7. 本报告使用的判定规则:

Decision rules used in this report:

(1)按照检测要求列的法规/标准中规定的判定规则;

(2)如果检测要求列的法规中没有规定判定规则的话，则按照《CNAS-GL015 判定规则和符合性声明指南》6.2.1 简单接受(w=0)的判定规则:

合格(接受)--测得值位于容许区间以内。

不合格(拒绝)--测得值位于容许区间以外。



报告编号/ Report No.: WTH24H09219763C

- (1)According to the Decision rules in the regulations/standards listed in the Test Requested;
(2)If there is no Decision rules specified in the regulations listed in the Test Requested, then according to
CNAS-GL015 Guidelines on Decision Rules and Statements of Conformity, 6.2.1, Simple Acceptance ($w=0$) of

The binary Decision rule:

PASS (Accepted) - The measured value is within the tolerance interval.

FAIL (Rejected) - The measured value is outside the tolerance interval.

=====报告结束/ End of Report =====

