

检测报告  
(PFAS)

No.: CANEC24021132712

Date: 2024 年 10 月 24 日

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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: GZP24-030805  
样品接收时间: 2024 年 09 月 23 日  
检测周期: 2024 年 09 月 23 日 ~ 2024 年 10 月 23 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:

470 项全氟和多氟烷基化合物 (PFAS) 含量

通过

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批准签署人

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检测样品:

检测部件外观描述:

| 样品序号 | 样品编号 | SGS 样品 ID               | 样品描述  |
|------|------|-------------------------|-------|
| SN1  | A1   | CAN24-0211327-0001.C001 | 双面覆铜板 |

**470 项全氟和多氟烷基化合物 (PFAS) 含量**

检测方法:

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

检测结果: (PFAS 清单中的物质)

| 物质名称          | CAS No. | A1<br>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。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ( $w=0$ ) 的二元判定规则进行符合性判定。

除非另有说明, 此报告结果仅对检测的样品负责。本报告未经本公司书面许可, 不可部分复制。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。

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## 附录:

## 1. 附录: PFAS 及其盐类和衍生物清单

| No. | 组名            | 物质名称                                                                                                             | CAS No.      | MDL (mg/kg) |
|-----|---------------|------------------------------------------------------------------------------------------------------------------|--------------|-------------|
| 1   | PFOS, 及其盐&衍生物 | 全氟辛烷磺酸(PFOS)                                                                                                     | 1763-23-1    | 0.010       |
| 2   |               | 全氟辛基磺酸钾(PFOS-K)                                                                                                  | 2795-39-3    | --          |
| 3   |               | 全氟辛基磺酸锂(PFOS-Li)                                                                                                 | 29457-72-5   | --          |
| 4   |               | 全氟辛基磺酸钠(PFOS-Na)                                                                                                 | 4021-47-0    | --          |
| 5   |               | 全氟辛基磺酸铵(PFOS-NH <sub>4</sub> )                                                                                   | 29081-56-9   | --          |
| 6   |               | 全氟辛基磺酸二乙醇铵(PFOS-NH <sub>2</sub> (C <sub>2</sub> H <sub>4</sub> OH) <sub>2</sub> )                                | 70225-14-8   | --          |
| 7   |               | 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   | --          |
| 8   |               | 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  | --          |
| 9   |               | 全氟辛基磺酸四丁基铵(PFOS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )                                                 | 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 <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )                                                 | 54439-46-2   | --          |
| 15  |               | 全氟辛烷磺酸四甲基铵(PFOS-N(CH <sub>3</sub> ) <sub>4</sub> )                                                               | 56773-44-5   | --          |
| 16  |               | N, N,N-三丙基戊烷-1-七氟辛烷-1-磺酸铵(PFOS-N(C <sub>3</sub> H <sub>7</sub> ) <sub>3</sub> (C <sub>5</sub> H <sub>11</sub> )) | 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 <sub>4</sub> H <sub>9</sub> ) <sub>3</sub> (CH <sub>3</sub> ))            | 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)硫                                                                                       | 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 <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )                                               | 2185049-59-4 | --          |
| 23  |               | 全氟辛基磺酸二乙胺 (PFOS-C <sub>4</sub> H <sub>11</sub> 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 <sub>15</sub> H <sub>30</sub> NO <sub>2</sub> )                        | 1203998-97-3 | --          |
| 25  |               | 全氟辛基磺酸酐(PFOSAN)                                                                                                  | 423-92-7     | --          |
| 26  | FOSAA, 及其盐    | N-(全氟-1-辛烷磺酰基)甘氨酸(FOSAA)                                                                                         | 2806-24-8    | 0.010       |
| 27  |               | 全氟辛烷磺酰氨基乙酸盐 (FOSAA(anion))                                                                                       | 909405-47-6  | --          |
| 28  |               | 全氟辛烷磺酰氨基乙酸钾 (FOSAA-K)                                                                                            | 75260-69-4   | --          |
| 29  |               | 全氟辛烷磺酰氨基乙酸钠 (FOSAA-Na)                                                                                           | 115716-87-5  | --          |
| 30  |               | N-甲基-N-(全氟-1-辛烷磺酰基)甘氨酸 (N-MeFOSAA)                                                                               | 2355-31-9    | 0.010       |



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| No. | 组名                | 物质名称                                                     | CAS No.     | MDL<br>(mg/kg) |
|-----|-------------------|----------------------------------------------------------|-------------|----------------|
| 31  | N-MeFOSAA,<br>及其盐 | N-(十七氟辛基磺酰基)-N-甲基甘氨酸盐 (N-Me-FOSAA(anion))                | 909405-48-7 | --             |
| 32  |                   | N-(十七氟辛基磺酰基)-N-甲基甘氨酸钾 (N-Me-FOSAA-K)                     | 70281-93-5  | --             |
| 33  | N-EtFOSAA,<br>及其盐 | N-乙基-N-(全氟-1-辛烷磺酰基)甘氨酸(N-EtFOSAA)                        | 2991-50-6   | 0.010          |
| 34  |                   | N-乙基-N-[(十七烷氟辛基)磺酰基]-甘氨酸钾盐 (N-EtFOSAA-K)                 | 2991-51-7   | --             |
| 35  |                   | N-乙基-N-((十七氟辛基)磺酰基)甘氨酸盐 (N-EtFOSAA(anion))               | 909405-49-8 | --             |
| 36  |                   | N-乙基-N-((十七氟辛基)磺酰基)甘氨酸铵 (N-EtFOSAA-NH <sub>4</sub> )     | 2991-52-8   | --             |
| 37  |                   | N-乙基-N-((十七氟辛基)磺酰基)甘氨酸钠 (N-EtFOSAA-Na)                   | 3871-50-9   | --             |
| 38  | --                | N-乙基全氟辛烷磺酰胺(N-EtFOSA)                                    | 4151-50-2   | 0.010          |
| 39  | --                | N-甲基全氟辛烷磺酰胺(N-MeFOSA)                                    | 31506-32-8  | 0.010          |
| 40  | --                | 2-(N-乙基全氟辛基磺酰胺)乙醇(N-EtFOSE)                              | 1691-99-2   | 0.010          |
| 41  | --                | 2-(N-甲基全氟辛基磺酰胺)乙醇(N-MeFOSE)                              | 24448-09-7  | 0.010          |
| 42  | PFOSA, 及<br>其盐    | 全氟辛基磺酰胺(PFOSA)                                           | 754-91-6    | 0.010          |
| 43  |                   | 全氟辛基磺酰胺锂盐 (1:1) (PFOSA-Li)                               | 76752-79-9  | --             |
| 44  |                   | 全氟辛基磺酰胺钠盐 (1:1) (PFOSA-Na)                               | 76752-78-8  | --             |
| 45  |                   | 全氟辛基磺酰胺钾盐 (1:1) (PFOSA-K)                                | 76752-70-0  | --             |
| 46  |                   | 全氟辛基磺酰胺铵盐 (1:1) (PFOSA-NH <sub>4</sub> )                 | 76752-72-2  | --             |
| 47  |                   | 全氟辛基磺酰胺三乙胺 (PFOSA-C <sub>6</sub> H <sub>15</sub> N)      | 76752-82-4  | --             |
| 48  | PFOA, 及其<br>盐&衍生物 | 全氟辛酸(PFOA)                                               | 335-67-1    | 0.010          |
| 49  |                   | 全氟辛酸钠(PFOA-Na)                                           | 335-95-5    | --             |
| 50  |                   | 全氟辛酸钾(PFOA-K)                                            | 2395-00-8   | --             |
| 51  |                   | 全氟辛酸银(PFOA-Ag)                                           | 335-93-3    | --             |
| 52  |                   | 全氟辛酰氟(PFOA-F)                                            | 335-66-0    | --             |
| 53  |                   | 全氟辛酸铵(APFO)                                              | 3825-26-1   | --             |
| 54  |                   | 全氟辛酸锂(PFOA-Li)                                           | 17125-58-5  | --             |
| 55  |                   | 全氟辛酸钴(PFOA-Co)                                           | 35965-01-6  | --             |
| 56  |                   | 全氟辛酸铯(PFOA-Cs)                                           | 17125-60-9  | --             |
| 57  |                   | 全氟辛酸铬(3+) (PFOA-Cr(3+))                                  | 68141-02-6  | --             |
| 58  |                   | 全氟辛酸-哌嗪(2:1) (PFOA-NH(C <sub>4</sub> H <sub>10</sub> N)) | 423-52-9    | --             |
| 59  |                   | 全氟辛酸盐                                                    | 45285-51-6  | --             |
| 60  |                   | 全氟辛酸酐                                                    | 33496-48-9  | --             |
| 61  |                   | 全氟辛酸四乙基胺                                                 | 98241-25-9  | --             |

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|-----|---------------|----------------------------------------------------------------------------------|--------------|----------------|
| 62  |               | 全氟辛酸四甲基胺                                                                         | 32609-65-7   | --             |
| 63  |               | 全氟辛酸四丙基胺                                                                         | 277749-00-5  | --             |
| 64  |               | 全氟辛酸钾水合物 (PFOA-K(H <sub>2</sub> O) <sub>2</sub> )                                | 98065-31-7   | --             |
| 65  |               | 全氟辛酸乙胺 (PFOA-C <sub>2</sub> H <sub>7</sub> N)                                    | 1376936-03-6 | --             |
| 66  |               | 全氟辛酸吡啶 (PFOA-C <sub>5</sub> H <sub>5</sub> N)                                    | 95658-47-2   | --             |
| 67  |               | 全氟辛酸苯基吡啶 (PFOA-C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )                  | 1514-68-7    | --             |
| 68  |               | 全氟辛酸辛基三甲基铵 (PFOA-C <sub>11</sub> H <sub>26</sub> N)                              | 927835-01-6  | --             |
| 69  |               | 1H,1H,2H,2H-全氟癸烷磺酸(8:2 FTS)                                                      | 39108-34-4   | 0.010          |
| 70  | 8:2 FTS, 及其盐  | 1H,1H,2H,2H-全氟癸磺酸钾(8:2 FTS-K)                                                    | 438237-73-1  | --             |
| 71  |               | 1H,1H,2H,2H-全氟癸磺酸铵(8:2 FTS-NH <sub>4</sub> )                                     | 149724-40-3  | --             |
| 72  |               | 1H,1H,2H,2H-全氟癸磺酸钠(8:2 FTS-Na)                                                   | 27619-96-1   | --             |
| 73  |               | 1H,1H,2H,2H-全氟癸磺酸盐 (8:2 FTS(anion))                                              | 481071-78-7  | --             |
| 74  |               | 全氟辛酸甲酯(Me-PFOA)                                                                  | 376-27-2     | 0.200          |
| 75  | --            | 全氟辛酸乙酯(Et-PFOA)                                                                  | 3108-24-5    | 0.200          |
| 76  | --            | 1H,1H,2H,2H-全氟癸基丙烯酸酯(8:2 FTA)*                                                   | 27905-45-9   | 0.100          |
| 77  | --            | 1H,1H,2H,2H-甲基丙烯酸全氟癸酯(8:2 FTMA)*                                                 | 1996-88-9    | 0.100          |
| 78  | --            | 全氟辛基碘烷(PFOI)                                                                     | 507-63-1     | 0.200          |
| 79  | 8:2 FTCA, 及其盐 | 2H,2H-全氟癸酸(8:2 FTCA)                                                             | 27854-31-5   | 0.010          |
| 80  |               | 四丁基磷 2H,2H-全氟癸酸酯(8:2 FTCA-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )       | 882489-14-7  | --             |
| 81  | --            | 1H,1H,2H,2H-全氟-1-癸醇(8:2 FTOH)                                                    | 678-39-7     | 0.100          |
| 82  | --            | 1-碘-1H,1H,2H,2H-全氟癸烷(8:2 FTI)*                                                   | 2043-53-0    | 0.100          |
| 83  | --            | 1H,1H,2H,2H-全氟癸基三乙氧基硅烷(8:2 FTSi(OC <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )* | 101947-16-4  | 0.100          |
| 84  | 8:2diPAP, 及其盐 | 双[2-(全氟辛基)]乙基磷酸酯(8:2diPAP)                                                       | 678-41-1     | 0.010          |
| 85  |               | 双[2-(全氟辛基)]乙基磷酸酯钠(8:2diPAP-Na)                                                   | 114519-85-6  | --             |
| 86  |               | 双(2-羟乙基)铵双(全氟辛基)乙基磷酸氢                                                            | 57677-97-1   | --             |
| 87  |               | 双[2-(全氟辛基)]乙基磷酸酯铵盐(8:2 diPAP-NH <sub>4</sub> )                                   | 93776-20-6   | --             |
| 88  |               | 8:2 氟调聚物磷酸二酯离子                                                                   | 1411713-91-1 | --             |
| 89  | 8:3 FTCA, 及其盐 | 2H,2H,3H,3H-全氟十一烷酸(8:3 FTCA)                                                     | 34598-33-9   | 0.010          |
| 90  |               | 2H,2H,3H,3H-全氟十一烷酸钾(8:3 FTCA-K)                                                  | 83310-58-1   | --             |
| 91  |               | 2H,2H,3H,3H-全氟十一酸锂(8:3 FTCA-Li)                                                  | 67304-23-8   | --             |
| 92  | --            | 全氟辛基乙烯(PFDE)*                                                                    | 21652-58-4   | 0.100          |
| 93  | --            | 3-全氟庚基丙酸(7:3 FTCA)                                                               | 812-70-4     | 0.010          |
| 94  | --            | 1H,1H,2H,2H-全氟癸基三氯硅烷*                                                            | 78560-44-8   | 0.100          |
| 95  | --            | 1H,1H,2H,2H-全氟癸基三甲氧基硅烷*                                                          | 83048-65-1   |                |
| 96  | --            | 2H-全氟-2-癸烯酸(8:2 FTUCA)                                                           | 70887-84-2   | 0.010          |



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| No. | 组名               | 物质名称                                                                                   | CAS No.     | MDL<br>(mg/kg) |
|-----|------------------|----------------------------------------------------------------------------------------|-------------|----------------|
| 97  | --               | 6:8 全氟次磷酸(6:8 PFPI)                                                                    | 610800-34-5 | 0.010          |
| 98  | 8:8 PFPI, 及其盐    | 8:8 全氟次磷酸 (8:8 PFPI)                                                                   | 40143-79-1  | 0.010          |
| 99  |                  | 8:8 全氟次磷酸钠盐 (8:8 PFPI-Na)                                                              | 500776-69-2 | --             |
| 100 |                  | 8:8 全氟次磷酸铟(3+)盐 (8:8 PFPI-Er)                                                          | 500776-70-5 | --             |
| 101 |                  | 8:8 全氟次磷酸镱(3+)盐 (8:8 PFPI-Yb)                                                          | 500776-71-6 | --             |
| 102 | --               | 1H,1H,2H,2H-全氟十二烷基乙酸酯 (8:2 FTOAc)*                                                     | 37858-04-1  | 0.100          |
| 103 | 8:2 monoPAP, 及其盐 | 单[2-(全氟辛基)乙基]磷酸盐 (8:2 monoPAP)                                                         | 57678-03-2  | 0.100          |
| 104 |                  | 8:2 氟调聚物磷酸二铵盐                                                                          | 93857-44-4  | --             |
| 105 |                  | 8:2 氟调聚物磷酸钠盐                                                                           | 438237-75-3 | --             |
| 106 |                  | 双[2-(全氟辛基)乙基]磷酸铵盐                                                                      | 1764-95-0   | --             |
| 107 |                  | 单[2-(全氟辛基)乙基]磷酸铵盐                                                                      | 92401-44-0  | --             |
| 108 |                  | 单[2-(全氟辛基)乙基]磷酸单钠盐                                                                     | 144965-22-0 | --             |
| 109 |                  | 单[2-(全氟辛基)乙基]磷酸单钾盐                                                                     | 150033-28-6 | --             |
| 110 |                  | 单[2-(全氟辛基)乙基]磷酸氢铵盐                                                                     | 2353-52-8   | --             |
| 111 | PFNA, 及其盐        | 全氟壬酸(PFNA)                                                                             | 375-95-1    | 0.010          |
| 112 |                  | 全氟壬酸钠(PFNA-Na)                                                                         | 21049-39-8  | --             |
| 113 |                  | 全氟壬酸铵(PFNA-NH <sub>4</sub> )                                                           | 4149-60-4   | --             |
| 114 |                  | 全氟壬酸钾(PFNA-K)                                                                          | 21049-38-7  | --             |
| 115 |                  | 全氟壬酸锂(PFNA-Li)                                                                         | 60871-92-3  | --             |
| 116 |                  | 全氟壬酸银(PFNA-Ag)                                                                         | 7358-16-9   | --             |
| 117 |                  | 全氟壬酸甲铵(PFNA-NH <sub>3</sub> (CH <sub>3</sub> ))                                        | 77032-23-6  | --             |
| 118 |                  | 全氟壬酸-N-乙基乙胺(1:1) (PFNA-NH <sub>2</sub> (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> ) | 77032-27-0  | --             |
| 119 |                  | 全氟壬酸-N-甲基甲胺(1:1) (PFNA-NH <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )               | 77032-24-7  | --             |
| 120 |                  | 全氟壬酸-N, N-二乙基乙酰胺(1:1) (9CI) (PFNA-NH(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )    | 327176-80-7 | --             |
| 121 |                  | 全氟壬酸-哌啶(1:1) (9CI) (PFNA-NH <sub>2</sub> (C <sub>5</sub> H <sub>10</sub> ))            | 95682-66-9  | --             |
| 122 |                  | 全氟壬酸-苯胺(1:1) (PFNA-NH <sub>2</sub> (C <sub>6</sub> H <sub>5</sub> ))                   | 95682-67-0  | --             |
| 123 |                  | 全氟壬酸-环己胺(1:1) (9CI) ((PFNA-NH <sub>2</sub> (C <sub>6</sub> H <sub>11</sub> )))         | 328531-06-2 | --             |
| 124 |                  | 全氟壬酸盐                                                                                  | 72007-68-2  | --             |
| 125 |                  | 全氟壬酸磺胺甲氧基哒嗪(PFNA-C <sub>11</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub> S)      | 298703-33-0 | --             |
| 126 |                  | 全氟壬酸酐(PFNAA)                                                                           | 228407-54-3 | --             |
| 127 | PFDA, 及其盐        | 全氟癸酸(PFDA)                                                                             | 335-76-2    | 0.010          |
| 128 |                  | 全氟癸酸钠(PFDA-Na)                                                                         | 3830-45-3   | --             |
| 129 |                  | 全氟癸酸铵(PFDA-NH <sub>4</sub> )                                                           | 3108-42-7   | --             |
| 130 |                  | 全氟癸酸钾(PFDA-K)                                                                          | 51604-85-4  | --             |
| 131 |                  | 全氟癸酸银(PFDA-Ag)                                                                         | 5784-82-7   | --             |

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| No. | 组名            | 物质名称                               | CAS No.     | MDL<br>(mg/kg) |
|-----|---------------|------------------------------------|-------------|----------------|
| 132 |               | 全氟癸酸锂(PFDA-Li)                     | 84743-32-8  | --             |
| 133 |               | 全氟癸酸盐                              | 73829-36-4  | --             |
| 134 |               | 全氟癸酸酐 (PFDA)                       | 942199-24-8 | --             |
| 135 | PFUnDA, 及其盐   | 全氟十一烷酸(PFUnDA)                     | 2058-94-8   | 0.010          |
| 136 |               | 全氟十一烷酸钠(PFUnDA-Na)                 | 60871-96-7  | --             |
| 137 |               | 全氟十一烷酸铵(PFUnDA-NH <sub>4</sub> )   | 4234-23-5   | --             |
| 138 |               | 全氟十一烷酸钾(PFUnDA-K)                  | 30377-53-8  | --             |
| 139 |               | 全氟十一烷酸钙(PFUnDA-Ca)                 | 97163-17-2  | --             |
| 140 |               | 全氟十一烷酸盐                            | 196859-54-8 | --             |
| 141 | PFDoDA, 及其盐   | 全氟十二烷酸(PFDoDA)                     | 307-55-1    | 0.010          |
| 142 |               | 全氟十二烷铵(PFDoDA-NH <sub>4</sub> )    | 3793-74-6   | --             |
| 143 |               | 全氟十二烷酸盐                            | 171978-95-3 | --             |
| 144 | PFTrDA, 及其盐   | 全氟十三烷酸(PFTrDA)                     | 72629-94-8  | 0.010          |
| 145 |               | 全氟十三烷酸铵(PFTrDA-NH <sub>4</sub> )   | 4288-72-6   | --             |
| 146 |               | 全氟十三烷酸钠(PFTrDA -Na)                | 60872-01-7  | --             |
| 147 |               | 全氟十三烷酸盐                            | 862374-87-6 | --             |
| 148 | PFTDA, 及其盐    | 全氟十四烷酸(PFTDA)                      | 376-06-7    | 0.010          |
| 149 |               | 全氟十四烷酸盐                            | 365971-87-5 | --             |
| 150 | --            | 全氟-3,7-二甲基辛酸(PF-3,7-DMOA)          | 172155-07-6 | 0.010          |
| 151 | PFDS, 及其盐     | 全氟癸烷磺酸(PFDS)                       | 335-77-3    | 0.010          |
| 152 |               | 全氟癸烷磺酸钠(PFDS-Na)                   | 2806-15-7   | --             |
| 153 |               | 全氟癸烷磺酸钾(PFDS-K)                    | 2806-16-8   | --             |
| 154 |               | 全氟癸基磺酸铵(PFDS-NH <sub>4</sub> )     | 67906-42-7  | --             |
| 155 |               | 全氟癸基磺酸盐                            | 126105-34-8 | --             |
| 156 |               | 全氟癸烷磺酸酐 (PFDSA)                    | 51667-62-0  | --             |
| 157 | --            | 1H,1H,2H,2H-全氟-1-十二烷醇(10:2 FTOH)   | 865-86-1    | 0.100          |
| 158 | --            | 1H,1H,2H,2H-全氟十二烷基丙烯酸酯(10:2 FTA)*  | 17741-60-5  | 0.100          |
| 159 | --            | 2-(全氟癸基)甲基丙烯酸乙酯(10:2 FTMA)*        | 2144-54-9   | 0.100          |
| 160 | --            | 1,1,2,2-四氢全氟-1-十四醇(12:2 FTOH)      | 39239-77-5  | 0.100          |
| 161 | 10:2 FTS, 及其盐 | 1H,1H,2H,2H-全氟十二烷磺酸(10:2 FTS)      | 120226-60-0 | 0.010          |
| 162 |               | 1H,1H,2H,2H-全氟十二烷磺酸钠 (10:2 FTS-Na) | 108026-35-3 | --             |
| 163 | --            | 全氟癸基乙基碘(10:2 FTI)*                 | 2043-54-1   | 0.100          |
| 164 | --            | 1H,1H,2H,2H-全氟四环碘化物(12:2 FTI)*     | 30046-31-2  | 0.100          |
| 165 | PFNS, 及其盐     | 全氟壬烷磺酸(PFNS)                       | 68259-12-1  | 0.010          |
| 166 |               | 全氟壬烷磺酸钠(PFNS-Na)                   | 98789-57-2  | --             |
| 167 |               | 全氟壬烷磺酸铵(PFNS-NH <sub>4</sub> )     | 17202-41-4  | --             |

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| No. | 组名              | 物质名称                                                                                                                                                             | CAS No.      | MDL<br>(mg/kg) |
|-----|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| 168 |                 | 全氟壬烷磺酸钾(PFNS-K)                                                                                                                                                  | 29359-39-5   | --             |
| 169 |                 | 全氟壬烷磺酸盐                                                                                                                                                          | 474511-07-4  | --             |
| 170 |                 | 全氟十一烷磺酸(PFUnDS)                                                                                                                                                  | 749786-16-1  | 0.010          |
| 171 | PFUnDS, 及其盐     | 全氟十一烷磺酸盐                                                                                                                                                         | 441296-91-9  | --             |
| 172 | PFDoDS, 及其盐     | 全氟十二烷磺酸(PFDoDS)                                                                                                                                                  | 79780-39-5   | 0.010          |
| 173 |                 | 全氟十二烷磺酸钠(PFDoDS-Na)                                                                                                                                              | 1260224-54-1 | --             |
| 174 |                 | 全氟十二烷磺酸钾(PFDoDS-K)                                                                                                                                               | 85187-17-3   | --             |
| 175 |                 | 全氟十二烷磺酸盐                                                                                                                                                         | 343629-43-6  | --             |
| 176 | PFTrDS, 及其盐     | 全氟十三烷磺酸(PFTrDS)                                                                                                                                                  | 791563-89-8  | 0.010          |
| 177 |                 | 全氟十三烷磺酸钠(PFTrDS-Na)                                                                                                                                              | 174675-49-1  | --             |
| 178 | 10:2 diPAP, 及其盐 | 双[2-(全氟癸基)乙基]磷酸盐(10:2 diPAP)                                                                                                                                     | 1895-26-7    | 0.100          |
| 179 |                 | 2,2'-亚氨基二乙醇双[2-(全氟癸基)乙基]磷酸盐(10:2 diPAP-C <sub>4</sub> H <sub>11</sub> O <sub>2</sub> )                                                                           | 57677-98-2   | --             |
| 180 | --              | 1-碘全氟癸烷(PFDI)*                                                                                                                                                   | 423-62-1     | 0.100          |
| 181 | --              | 全氟碘代十二烷(PFDoDI)*                                                                                                                                                 | 307-60-8     | 0.100          |
| 182 | --              | 2H-全氟-2-十二烯酸(10:2 FTUCA)                                                                                                                                         | 70887-94-4   | 0.010          |
| 183 | --              | 2-全氟癸基乙酸(10:2 FTCA)                                                                                                                                              | 53826-13-4   | 0.010          |
| 184 | --              | 1H,1H,2H,2H-全氟癸基乙酸酯(10:2 FTOAc)*                                                                                                                                 | 37858-05-2   | 0.100          |
| 185 | PFHxS, 及其盐&衍生物  | 全氟己基磺酸(PFHxS)                                                                                                                                                    | 355-46-4     | 0.010          |
| 186 |                 | 全氟己基磺酸钠(PFHxS-Na)                                                                                                                                                | 82382-12-5   | --             |
| 187 |                 | 全氟己基磺酸钾(PFHxS-K)                                                                                                                                                 | 3871-99-6    | --             |
| 188 |                 | 全氟己基磺酸锂(1:1)(PFHxS-Li)                                                                                                                                           | 55120-77-9   | --             |
| 189 |                 | 全氟己基磺酸铵(PFHxS-NH <sub>4</sub> )                                                                                                                                  | 68259-08-5   | --             |
| 190 |                 | 全氟己基磺酸三苯基(苯基甲基)-磷鎓盐(PFHxS-BTPP)                                                                                                                                  | 1000597-52-3 | --             |
| 191 |                 | N,N,N-三丁基丁烷-1-胺全氟己基磺酸盐(PFHxS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )                                                                                    | 108427-54-9  | --             |
| 192 |                 | N, N,N-三乙基乙胺全氟己基磺酸盐(PFHxS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )                                                                                       | 108427-55-0  | --             |
| 193 |                 | 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 | --             |
| 194 |                 | 全氟-1-己基磺酸-N-[4-[[4-(二乙氨基)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 | --             |
| 195 |                 | 全氟-1-己基磺酸-N-[4-[[4-(二甲氨基)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 | --             |

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(PFAS)

No.: CANEC24021132712

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| No. | 组名 | 物质名称                                                                                                                                                              | CAS No.      | MDL<br>(mg/kg) |
|-----|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| 196 |    | 全氟-1-己基磺酸-N-[4-[[4-(二甲基氨基)苯基][4-(苯基氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-甲基铵盐(PFHxS-(NC <sub>8</sub> H <sub>10</sub> ) <sub>2</sub> C <sub>17</sub> H <sub>12</sub> ) | 1310480-28-4 | --             |
| 197 |    | 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 | --             |
| 198 |    | 全氟己基磺酸与 γ-环糊精络合物(PFHxS-C <sub>48</sub> H <sub>80</sub> O <sub>40</sub> )                                                                                          | 1329995-69-8 | --             |
| 199 |    | 全氟己基磺酸三苯基硫鎓盐(TPS-PFHxS)                                                                                                                                           | 144116-10-9  | --             |
| 200 |    | 全氟己基磺酸喹啉, 1-(羧甲基)-4-[2-[4-[4-(2,2-二苯基噻吩基)苯基]-1,2,3a,4,8b-六氢环戊并[b]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 | --             |
| 201 |    | 全氟己基磺酸二苯基碘鎓盐(PFHxS-I(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> )                                                                                               | 153443-35-7  | --             |
| 202 |    | N,N,N-三甲基-全氟己基磺酸甲基铵盐(PFHxS-TMA)                                                                                                                                   | 189274-31-5  | --             |
| 203 |    | 全氟己基磺酸与 2-甲基-2-丙胺络合物 (1:1)(PFHxS-NH <sub>2</sub> (CH <sub>3</sub> ) <sub>3</sub> )                                                                                | 202189-84-2  | --             |
| 204 |    | 全氟己基磺酸双[4-(1,1-二甲基乙基)苯基]碘鎓盐 (PFHxS-I(C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> (C <sub>4</sub> H <sub>9</sub> ) <sub>2</sub> )                                 | 213740-81-9  | --             |
| 205 |    | 全氟己基磺酸镓(9Cl)(PFHxS-Ga)                                                                                                                                            | 341035-71-0  | --             |
| 206 |    | 全氟己基磺酸双(4-甲基苯基)苯基硫鎓盐 (1:1)(PFHxS-S(C <sub>7</sub> H <sub>7</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>5</sub> )                                                   | 341548-85-4  | --             |
| 207 |    | 全氟己基磺酸钪(PFHxS-Sc)                                                                                                                                                 | 350836-93-0  | --             |
| 208 |    | 全氟己基磺酸钕(PFHxS-Nd)                                                                                                                                                 | 41184-65-0   | --             |
| 209 |    | 全氟己基磺酸钇(PFHxS-Y)                                                                                                                                                  | 41242-12-0   | --             |
| 210 |    | 全氟己基磺酸(硫代二-4,1-亚苯基)双[二苯基]硫鎓盐(PFHxS-S <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  | --             |
| 211 |    | 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  | --             |
| 212 |    | 全氟己基磺酰氟(PFHxS-F)                                                                                                                                                  | 423-50-7     | --             |
| 213 |    | 全氟己基磺酸三[4-(1,1-二甲基乙基)苯基]硫鎓盐 (PFHxS-S(C <sub>6</sub> H <sub>4</sub> ) <sub>3</sub> (C <sub>4</sub> H <sub>9</sub> ) <sub>3</sub> )                                 | 425670-70-8  | --             |
| 214 |    | 全氟己基磺酸锌(PFHxS-Zn)                                                                                                                                                 | 70136-72-0   | --             |
| 215 |    | 全氟己基磺酸与 2,2'-亚氮二乙醇络合物(PFHxS-NH(C <sub>2</sub> H <sub>5</sub> O) <sub>2</sub> )                                                                                    | 70225-16-0   | --             |
| 216 |    | 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   | --             |
| 217 |    | 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  | --             |

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检测报告  
(PFAS)

No.: CANEC24021132712

Date: 2024 年 10 月 24 日

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| No. | 组名             | 物质名称                                                                                                                                         | CAS No.      | MDL<br>(mg/kg) |
|-----|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| 218 |                | 全氟己基磺酸(4-甲基苯基)二苯硫鎇盐(PFHxS-S(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> C <sub>7</sub> H <sub>7</sub> )                                     | 910606-39-2  | --             |
| 219 |                | 全氟己基磺酸[4-[(2-甲基-1-氧代-2-丙烯酰)氧基]苯基]二苯基硫鎇盐(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  | --             |
| 220 |                | 全氟己基磺酸铯(1:1)(PFHxS-Cs)                                                                                                                       | 92011-17-1   | --             |
| 221 |                | 二苯并[k,n][1,4,7,13]四氧杂硫环戊二烯,19-[4-(1,1-二甲基乙基)苯基]-6,7,9,10,12,13-六氢-,全氟己基磺酸盐(PFHxS-SC <sub>28</sub> H <sub>31</sub> O <sub>4</sub> )           | 928049-42-7  | --             |
| 222 |                | 全氟己基磺酰氯(PFHxS-Cl)                                                                                                                            | 55591-23-6   | --             |
| 223 |                | PFHxS-磺酸酯聚合物                                                                                                                                 | 911027-69-5  | --             |
| 224 |                | 全氟己基磺酸盐                                                                                                                                      | 108427-53-8  | --             |
| 225 |                | 全氟己基磺酸四丁基磷 (PFHxS-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )                                                                           | 2310194-12-6 | --             |
| 226 | --             | N-甲基全氟-1-己磺酰胺(N-Me-PFHxSA)                                                                                                                   | 68259-15-4   | 0.010          |
| 227 | --             | 全氟己烷磺酰胺(PFHxSA)                                                                                                                              | 41997-13-1   | 0.010          |
| 228 | --             | N-[3-(二甲基氨基)丙基]十三氟己磺酰胺(N-AP-FHxSA)                                                                                                           | 50598-28-2   | 0.010          |
| 229 | --             | 2-[甲基[(十三氟己基)磺酰基]氨基]丙烯酸乙酯(N-MeFHSEA)                                                                                                         | 67584-57-0   | 0.200          |
| 230 | --             | 2-[甲基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯                                                                                                                 | 67584-61-6   | 0.200          |
| 231 | --             | 2-[乙基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯                                                                                                                 | 67906-70-1   | 0.200          |
| 232 | --             | 十三氟-N-(2-羟基乙基)-N-甲基己烷磺酰胺 (MeFHxSE)                                                                                                           | 68555-75-9   | 0.010          |
| 233 | EtFHxSAA, 及其盐  | N-乙基-N-[(十三氟己基)磺酰基]甘氨酸(EtFHxSAA)                                                                                                             | 68957-32-4   | 0.010          |
| 234 |                | N-乙基-N-[(十三氟己基)磺酰基]甘氨酸钾 (EtFHxSAA-K)                                                                                                         | 67584-53-6   | --             |
| 235 |                | N-乙基-N-[(十三氟己基)磺酰基]甘氨酸钠 (EtFHxSAA-Na)                                                                                                        | 68555-70-4   | --             |
| 236 | PFHxA, 及其盐&衍生物 | 全氟己酸(PFHxA)                                                                                                                                  | 307-24-4     | 0.010          |
| 237 |                | 全氟己酸铵(APFHx)                                                                                                                                 | 21615-47-4   | --             |
| 238 |                | 全氟己酸钠(PFHxA-Na)                                                                                                                              | 2923-26-4    | --             |
| 239 |                | 全氟己酸钾(PFHxA-K)                                                                                                                               | 3109-94-2    | --             |
| 240 |                | 全氟己酰氟(PFHxA-F)                                                                                                                               | 355-38-4     | --             |
| 241 |                | 全氟己酸银(PFHxA-Ag)                                                                                                                              | 336-02-7     | --             |
| 242 |                | 全氟己酸锂(PFHxA-Li)                                                                                                                              | 90430-61-8   | --             |
| 243 |                | 全氟己酸酐                                                                                                                                        | 308-13-4     | --             |
| 244 |                | 全氟己酸哌嗪(2:1)                                                                                                                                  | 423-47-2     | --             |
| 245 |                | 全氟己酸盐                                                                                                                                        | 92612-52-7   | --             |



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检测报告  
(PFAS)

No.: CANEC24021132712

Date: 2024 年 10 月 24 日

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| No. | 组名               | 物质名称                                                                | CAS No.      | MDL<br>(mg/kg) |
|-----|------------------|---------------------------------------------------------------------|--------------|----------------|
| 246 |                  | 全氟己酰氯(PFHxA-Cl)                                                     | 335-53-5     | --             |
| 247 |                  | 全氟己酸己胺(PFHxA-C <sub>6</sub> H <sub>15</sub> N)                      | 565225-91-4  | --             |
| 248 |                  | 全氟己酸苯基吡嗪(PFHxA-C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )     | 985-60-4     | --             |
| 249 | --               | 1H,1H,2H,2H-全氟-1-辛醇(6:2 FTOH)                                       | 647-42-7     | 0.100          |
| 250 | --               | 1H,1H,2H,2H-全氟-1-己醇(4:2 FTOH)                                       | 2043-47-2    | 0.400          |
| 251 | --               | 1H,1H,2H,2H-全氟辛基丙烯酸酯(6:2 FTA)                                       | 17527-29-6   | 0.200          |
| 252 | 6:2 FTS, 及其盐     | 1H,1H,2H,2H-全氟辛磺酸(6:2 FTS)                                          | 27619-97-2   | 0.010          |
| 253 |                  | 1H,1H,2H,2H-全氟辛烷磺酸钠(6:2 FTS-Na)                                     | 27619-94-9   | --             |
| 254 |                  | 1H,1H,2H,2H-全氟辛烷磺酸钾(6:2 FTS-K)                                      | 59587-38-1   | --             |
| 255 |                  | 1H,1H,2H,2H-全氟辛烷磺酸铵(6:2 FTS-NH <sub>4</sub> )                       | 59587-39-2   | --             |
| 256 |                  | 1H,1H,2H,2H-全氟辛磺酸钡(6:2 FTS-Ba)                                      | 1807944-82-6 | --             |
| 257 |                  | 1H,1H,2H,2H-全氟辛磺酸盐(6:2 FTS(anion))                                  | 425670-75-3  | --             |
| 258 | --               | 全氟辛基三乙氧基硅烷(6:2 FTSi(OC <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> ) | 51851-37-7   | 0.500          |
| 259 | --               | 1H,1H,2H,2H-全氟辛基三氯硅烷                                                | 78560-45-9   | 0.200          |
| 260 | --               | 1,1,1,2,2,3,4,5,6,6-三氟-6-碘己烷(PFHx-I)                                | 355-43-1     | 0.200          |
| 261 | --               | 1,1,1,2,2,3,4,5,6,6-三氟-8-碘酮                                         | 38550-34-4   | 0.200          |
| 262 | --               | 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          |
| 263 | --               | 3,3,4,4,5,5,6,7,8,8-三氟辛酯硫氰酸                                         | 26650-09-9   | 0.200          |
| 264 | 6:2 monoPAP, 及其盐 | 6:2 磷酸氟调聚物单酯(6:2 monoPAP)                                           | 57678-01-0   | 0.100          |
| 265 |                  | 6:2 磷酸氟调聚物单酯二铵盐(6:2 monoPAP-NH <sub>4</sub> NH <sub>4</sub> )       | 1000852-37-8 | --             |
| 266 | --               | 2H,2H,3H,3H-全氟壬酸(6:3 FTCA)                                          | 27854-30-4   | 0.100          |
| 267 | --               | 3,3,4,4,5,5,6,7,7,8,8,8-三氟辛烷-1-硫醇(6:2 FTSH)                         | 34451-26-8   | 0.200          |
| 268 | --               | 1H,1H,2H,2H-全氟辛基二甲基氯硅烷(6:2 FTSiMe <sub>2</sub> Cl)                  | 102488-47-1  | 0.200          |
| 269 | --               | 1H,1H-三氟-1-碘庚烷(6:1 FTI)                                             | 212563-43-4  | 0.200          |
| 270 | --               | 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          |
| 271 | 6:2 FTPA, 及其盐    | 全氟己基乙基膦酸(6:2 FTPA)                                                  | 252237-40-4  | 0.100          |
| 272 |                  | 全氟己基乙基膦酸钠(Cheminox FHP <sub>2</sub> OH-Na(PFHEPA-Na))               | 1189052-95-6 | --             |
| 273 | --               | 十一氟正己烷-1-醇(5:1 FTOH)                                                | 423-46-1     | 0.200          |
| 274 | --               | 1H,1H-全氟庚-1-醇(6:1 FTOH)                                             | 375-82-6     | 0.200          |
| 275 | --               | 3-全氟己基丙醇(6:3 FTOH)                                                  | 80806-68-4   | 0.200          |
| 276 | --               | 3,3,4,4,5,5,6,7,7,7-二十氟庚烷-2-醇 (5:2 sFTOH)                           | 914637-05-1  | 0.200          |
| 277 | --               | 1-(全氟己基)辛烷 (F <sub>6</sub> H <sub>8</sub> )                         | 133331-77-8  | 0.200          |
| 278 | --               | 1H,1H 三氟胺 (6:1 FTNH <sub>2</sub> )                                  | 423-49-4     | 0.200          |
| 279 | --               | 2H-全氟-2-辛烯酸(6:2 FTUCA)                                              | 70887-88-6   | 0.010          |

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检测报告  
(PFAS)

No.: CANEC24021132712

Date: 2024 年 10 月 24 日

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| No. | 组名            | 物质名称                                                                                                                     | CAS No.     | MDL<br>(mg/kg) |
|-----|---------------|--------------------------------------------------------------------------------------------------------------------------|-------------|----------------|
| 280 | 6:6 PFPI, 及其盐 | 6:6 全氟次膦酸(6:6 PFPI)                                                                                                      | 40143-77-9  | 0.010          |
| 281 |               | 6:6 全氟次膦酸钠盐(6:6 PFPI-Na)                                                                                                 | 70609-44-8  | --             |
| 282 |               | 6:6 全氟次膦酸铯(3+)盐(6:6 PFPI-Yb)                                                                                             | 500776-72-7 | --             |
| 283 |               | 6:6 全氟次膦酸铒(3+)盐(6:6 PFPI-Er)                                                                                             | 500776-73-8 | --             |
| 284 | PFBA, 及其盐     | 全氟丁酸(PFBA)                                                                                                               | 375-22-4    | 0.010          |
| 285 |               | 七氟丁酸铵(PFBA-NH <sub>4</sub> )                                                                                             | 10495-86-0  | --             |
| 286 |               | 七氟丁酸钠(PFBA-Na)                                                                                                           | 2218-54-4   | --             |
| 287 |               | 七氟丁酸钾(PFBA-K)                                                                                                            | 2966-54-3   | --             |
| 288 |               | 七氟丁酸银(PFBA-Ag)                                                                                                           | 3794-64-7   | --             |
| 289 |               | 全氟丁酸锂(PFBA-Li)                                                                                                           | 4146-76-3   | --             |
| 290 |               | 七氟丁酸哌嗪(1:1)                                                                                                              | 375-04-2    | --             |
| 291 |               | 全氟丁酸盐                                                                                                                    | 45048-62-2  | --             |
| 292 | PFBS, 及其盐&衍生物 | 全氟丁磺酸(PFBS)                                                                                                              | 375-73-5    | 0.010          |
| 293 |               | 全氟丁基磺酸钾(PFBS-K)                                                                                                          | 29420-49-3  | --             |
| 294 |               | 全氟丁基磺酸水合物(PFBS-H <sub>2</sub> O)                                                                                         | 59933-66-3  | --             |
| 295 |               | 九氟-1-丁烷磺酸锂(PFBS-Li)                                                                                                      | 131651-65-5 | --             |
| 296 |               | 全氟丁基磺酸三苯基铊盐(TPS-PFBS)                                                                                                    | 144317-44-2 | --             |
| 297 |               | 全氟丁基磺酸二甲基(苯基)铊(PFBS-S(CH <sub>3</sub> ) <sub>2</sub> (C <sub>6</sub> H <sub>5</sub> ))                                   | 220133-51-7 | --             |
| 298 |               | 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 | --             |
| 299 |               | 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  | --             |
| 300 |               | 全氟丁基磺酰氟(PFBS-F)                                                                                                          | 375-72-4    | --             |
| 301 |               | 全氟丁磺酸吗啉(PFBS-NC <sub>4</sub> H <sub>9</sub> O)                                                                           | 503155-89-3 | --             |
| 302 |               | 全氟丁基磺酸镁(PFBS-Mg)                                                                                                         | 507453-86-3 | --             |
| 303 |               | 全氟丁基磺酸铵(PFBS-NH <sub>4</sub> )                                                                                           | 68259-10-9  | --             |
| 304 |               | 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 | --             |
| 305 |               | 全氟丁基磺酰氯(PFBS-Cl)                                                                                                         | 2991-84-6   | --             |
| 306 |               | 全氟丁基磺酸钠(PFBS-Na)                                                                                                         | 60453-92-1  | --             |
| 307 |               | 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 | --             |
| 308 |               | 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  | --             |
| 309 |               | 全氟丁基磺酸四丁基铵((PFBS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> ))                                                       | 108427-52-7 | --             |
| 310 |               | 全氟丁基磺酸二苯碘((PFBS-I(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> ))                                                        | 194999-82-1 | --             |
| 311 |               | 全氟丁基磺酸三(4-叔丁基苯基)铊                                                                                                        | 241806-75-7 | --             |

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检测报告  
(PFAS)

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Date: 2024 年 10 月 24 日

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| No. | 组名          | 物质名称                                                             | CAS No.       | MDL (mg/kg) |
|-----|-------------|------------------------------------------------------------------|---------------|-------------|
| 312 |             | 全氟丁基磺酸(4-环己基苯基)(二苯基)鎓                                            | 425670-64-0   | --          |
| 313 |             | 全氟丁基磺酸 1-(1-甲基-1H-吡啶-3-基)硫醇-1-鎓                                  | 867373-18-0   | --          |
| 314 |             | 全氟丁基磺酸 1-乙基-3-甲基吡啶鎓                                              | 1015420-87-7  | --          |
| 315 |             | 全氟丁基磺酸 1-甲基-3-辛基咪唑鎓                                              | 905972-83-0   | --          |
| 316 |             | 全氟丁基磺酸 1-己基-3-甲基咪唑鎓                                              | 1001557-05-6  | --          |
| 317 |             | 全氟丁基磺酸 N,N-二甲基-N-(丙-2-基)丙-2-胺                                    | 374571-81-0   | --          |
| 318 |             | 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   | --          |
| 319 |             | 全氟丁基磺酸 N,N-二丁基-N-甲基丁烷-1-胺(1:1)                                   | 124472-66-8   | --          |
| 320 |             | 全氟丁基磺酸锌(2:1)(PFBS-Zn)                                            | 502457-69-4   | --          |
| 321 |             | 全氟丁基磺酸 N,N,N-三丙基戊烷(1:1)                                          | 56773-55-8    | --          |
| 322 |             | 全氟丁基磺酸四甲基铵盐 (PFBS-N(CH <sub>3</sub> ) <sub>4</sub> )             | 25628-17-5    | --          |
| 323 |             | 全氟丁烷磺酸酐                                                          | 36913-91-4    |             |
| 324 |             | 全氟丁基磺酸盐                                                          | 45187-15-3    | --          |
| 325 |             | 1-(4-丁氧基-1-萘基)九氟丁烷-1-磺酸四氢噻吩                                      | EC: 468-770-4 | --          |
| 326 |             | 全氟丁基磺酸三乙基铵                                                       | 182059-38-7   | --          |
| 327 |             | 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   | --          |
| 328 |             | 全氟丁基磺酸 1-十六烷基吡啶鎓                                                 | 334529-62-3   | --          |
| 329 |             | 全氟丁基磺酸 1-丁基吡啶鎓                                                   | 334529-64-5   | --          |
| 330 |             | N-甲基-N,N-二辛基-1-辛铵全氟-1-丁磺酸盐                                       | 495417-51-1   | --          |
| 331 |             | 三(4-甲基苯基)磺与全氟-1-丁磺酸的盐(1:1)                                       | 722538-68-3   | --          |
| 332 | PFPeA, 及其盐  | 全氟戊酸(PFPeA)                                                      | 2706-90-3     | 0.010       |
| 333 |             | 全氟戊酸钠(PFPeA-Na)                                                  | 2706-89-0     | --          |
| 334 |             | 全氟戊酸钾(PFPeA-K)                                                   | 336-23-2      | --          |
| 335 |             | 全氟戊酸锂(PFPeA-Li)                                                  | 198482-22-3   | --          |
| 336 |             | 全氟戊酸银(PFPeA-Ag)                                                  | 2795-30-4     | --          |
| 337 |             | 全氟戊酸铵(PFPeA-NH <sub>4</sub> )                                    | 68259-11-0    | --          |
| 338 |             | 全氟戊酸盐                                                            | 45167-47-3    | --          |
| 339 |             | 全氟戊酸苄基硫脲 (PFPeA-C <sub>6</sub> H <sub>10</sub> N <sub>2</sub> S) | 64808-55-5    | --          |
| 340 |             | 全氟戊酸酐 (PFPeAA)                                                   | 308-28-1      | --          |
| 341 | HPFHpA, 及其盐 | 7H-十二氟庚酸(HPFHpA)                                                 | 1546-95-8     | 0.010       |
| 342 |             | 7H-十二氟庚酸钠(HPFHpA-Na)                                             | 2264-25-7     | --          |
| 343 |             | 7H-十二氟庚酸铵(HPFHpA-NH <sub>4</sub> )                               | 376-34-1      | --          |
| 344 |             | 7H-十二氟庚酸盐 (HPFHpA(anion))                                        | 69681-35-2    | --          |
| 345 | PFHpS, 及其盐  | 全氟庚烷磺酸(PFHpS)                                                    | 375-92-8      | 0.010       |
| 346 |             | 全氟庚基磺酸钠(PFHpS-Na)                                                | 21934-50-9    | --          |

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(PFAS)

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| No. | 组名               | 物质名称                                                                                                                   | CAS No.      | MDL<br>(mg/kg) |
|-----|------------------|------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| 347 |                  | 全氟庚基磺酸钾(PFHpS-K)                                                                                                       | 60270-55-5   | --             |
| 348 |                  | 全氟庚磺酸铵(PFHpS-NH <sub>4</sub> )                                                                                         | 68259-07-4   | --             |
| 349 |                  | 全氟庚烷磺酸锂(PFHpS-Li)                                                                                                      | 117806-54-9  | --             |
| 350 |                  | 全氟庚烷磺酸-双(2-羟乙基)铵(1:1)                                                                                                  | 70225-15-9   | --             |
| 351 |                  | 全氟庚烷磺酸盐                                                                                                                | 146689-46-5  | --             |
| 352 |                  | 全氟庚烷磺酸三乙基铵                                                                                                             | 72033-40-0   | --             |
| 353 |                  | 全氟庚烷磺酸四乙基铵                                                                                                             | 439863-97-5  | --             |
| 354 |                  | 全氟庚烷磺酸酐(PFHpSA)                                                                                                        | 140429-92-1  | --             |
| 355 | PFHpA, 及其盐       | 全氟庚酸(PFHpA)                                                                                                            | 375-85-9     | 0.010          |
| 356 |                  | 全氟庚酸钠(PFHpA-Na)                                                                                                        | 20109-59-5   | --             |
| 357 |                  | 全氟庚酸钾(PFHpA-K)                                                                                                         | 21049-36-5   | --             |
| 358 |                  | 全氟庚酸铵(PFHpA-NH <sub>4</sub> )                                                                                          | 6130-43-4    | --             |
| 359 |                  | 全氟庚酸铯(PFHpA-Cs)                                                                                                        | 171198-24-6  | --             |
| 360 |                  | 全氟庚酸银(PFHpA-Ag)                                                                                                        | 424-05-5     | --             |
| 361 |                  | 全氟庚酸锂(PFHpA-Li)                                                                                                        | 60871-90-1   | --             |
| 362 |                  | 全氟庚酸盐                                                                                                                  | 120885-29-2  | --             |
| 363 | 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          |
| 364 |                  | 2,3,3,3-四氟-2-(七氟丙氧基)丙酸铵(HFPO-DA-NH <sub>4</sub> )                                                                      | 62037-80-3   | --             |
| 365 |                  | 2,3,3,3-四氟-2-(七氟丙氧基)丙酸钾(HFPO-DA-K)                                                                                     | 67118-55-2   | --             |
| 366 |                  | 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    | --             |
| 367 |                  | 2,3,3,3-四氟-2-(七氟丙氧基)-, (+)-丙酸                                                                                          | 75579-39-4   | --             |
| 368 |                  | 2,3,3,3-四氟-2-(七氟丙氧基)-, (-)-丙酸                                                                                          | 75579-40-7   | --             |
| 369 |                  | 2,3,3,3-四氟-2-(七氟丙氧基)丙酸钠                                                                                                | 67963-75-1   | --             |
| 370 |                  | 全氟(2-丙氧基丙酸酯)                                                                                                           | 122499-17-6  | --             |
| 371 |                  | 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  | --             |
| 372 |                  | 全氟-2-丙氧基丙酸三乙胺                                                                                                          | 165951-18-8  | --             |
| 373 |                  | 4-[(6-甲氧基-3-吡啶基)氨基磺酰基]2,3,3,3-四氟-2-(七氟丙氧基)丙酸苯胺                                                                         | 298703-31-8  | --             |
| 374 |                  | 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 <sub>14</sub> H <sub>16</sub> I <sub>3</sub> NO <sub>2</sub> ) | 2412106-69-3 | --             |
| 375 | 4:2 FTS, 及其盐     | 1H,1H,2H,2H-全氟己烷磺酸(4:2 FTS)                                                                                            | 757124-72-4  | 0.010          |
| 376 |                  | 1H,1H,2H,2H-全氟己烷磺酸钠                                                                                                    | 27619-93-8   | --             |
| 377 |                  | 1H,1H,2H,2H-全氟己烷磺酸盐(4:2 FTS(anion))                                                                                    | 414911-30-1  | --             |
| 378 | PFPeS, 及其盐       | 全氟戊磺酸(PFPeS)                                                                                                           | 2706-91-4    | 0.010          |
| 379 |                  | 全氟戊磺酸钠(PFPeS-Na)                                                                                                       | 630402-22-1  | --             |

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检测报告  
(PFAS)

No.: CANEC24021132712

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| No. | 组名                             | 物质名称                                                           | CAS No.      | MDL<br>(mg/kg) |
|-----|--------------------------------|----------------------------------------------------------------|--------------|----------------|
| 380 |                                | 全氟戊磺酸钾(PFPeS-K)                                                | 3872-25-1    | --             |
| 381 |                                | 全氟戊磺酸铵(PFPeS-NH <sub>4</sub> )                                 | 68259-09-6   | --             |
| 382 |                                | 全氟戊磺酸-双(2-羟乙基)铵                                                | 70225-17-1   | --             |
| 383 |                                | 全氟戊磺酸锂(PFPeS-Li)                                               | 1046864-81-6 | --             |
| 384 |                                | 全氟戊磺酸盐                                                         | 175905-36-9  | --             |
| 385 |                                | 全氟戊磺酸三乙基铵                                                      | 72033-42-2   | --             |
| 386 |                                | 全氟戊烷磺酸酐(PFPeSA)                                                | 161877-72-1  | --             |
| 387 | --                             | 2-全氟己基乙酸(6:2 FTCA)                                             | 53826-12-3   | 0.010          |
| 388 | --                             | 3-全氟戊基丙酸(5:3 FTCA)                                             | 914637-49-3  | 0.010          |
| 389 | PFHxDA, 及其盐                    | 全氟正十六酸(PFHxDA)                                                 | 67905-19-5   | 0.010          |
| 390 |                                | 全氟正十六酸盐 (PFHxDA(anion))                                        | 1214264-30-8 | --             |
| 391 | PFODA, 及其盐                     | 全氟正十八酸(PFODA)                                                  | 16517-11-6   | 0.010          |
| 392 |                                | 全氟正十八酸盐(PFODA(anion))                                          | 798556-82-8  | --             |
| 393 | --                             | 1H,1H,2H,2H-甲基丙烯酸全氟辛酯(6:2 FTMA)                                | 2144-53-8    | 0.200          |
| 394 | ADONA, 及其盐                     | 4,8-二氧-3H-全氟壬酸(ADONA)                                          | 919005-14-4  | 0.010          |
| 395 |                                | 4,8-二氧杂-3H-全氟壬酸铵(ADONA-NH <sub>4</sub> )                       | 958445-44-8  | --             |
| 396 |                                | 4,8-二氧杂-3H-全氟壬酸钠(ADONA-Na)                                     | 2250081-67-3 | --             |
| 397 | --                             | 全氟-3-甲氧基丙酸(PFMFA)                                              | 377-73-1     | 0.010          |
| 398 | --                             | 全氟-4-甲氧基丁酸(PFMBA)                                              | 863090-89-5  | 0.010          |
| 399 | --                             | 全氟-3,6-二氧杂庚酸(NFDHA)                                            | 151772-58-6  | 0.010          |
| 400 | 9Cl-PF <sub>3</sub> ONS, 及其盐   | 9-氯十六氟-3-氧代壬烷-1-磺酸(9Cl-PF <sub>3</sub> ONS)                    | 756426-58-1  | 0.010          |
| 401 |                                | 9-氯十六氟-3-氧代壬烷-1-磺酸钾 (9Cl-PF <sub>3</sub> ONS-K)                | 73606-19-6   | --             |
| 402 |                                | 9-氯十六氟-3-氧代壬烷-1-磺酸铵 (9Cl-PF <sub>3</sub> ONS-NH <sub>4</sub> ) | 1383434-28-3 | --             |
| 403 | 11Cl-PF <sub>3</sub> OUdS, 及其盐 | 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          |
| 404 |                                | 11-氯二十碳氟-3-氧十一烷-1-磺酸钾(11Cl-PF <sub>3</sub> OUdS-K)             | 83329-89-9   | --             |
| 405 | --                             | 全氟(2-乙氧基乙烷)磺酸(PFEESA)                                          | 113507-82-7  | 0.010          |
| 406 | --                             | 3-全氟丙基丙酸(3:3 FTCA)                                             | 356-02-5     | 0.010          |
| 407 | PFPeDA, 及其盐                    | 全氟十五烷酸(PFPeDA)                                                 | 141074-63-7  | 0.100          |
| 408 |                                | 全氟十五烷酸盐(PFPeDA(anion))                                         | 1214264-29-5 | --             |
| 409 | --                             | 1H,1H,2H,2H-全氟己基甲基丙烯酸酯(4:2 FTMA)                               | 1799-84-4    | 0.200          |
| 410 | --                             | 2-(N-乙基全氟辛烷磺酰胺基)丙烯酸乙酯 (EtFOSAC)                                | 423-82-5     | 0.200          |
| 411 | --                             | 1-碘-1H,1H,2H,2H-全氟辛烷(6:2 FTI)                                  | 2043-57-4    | 0.100          |
| 412 | --                             | 九氟丁烷磺酰胺(PFBSA)                                                 | 30334-69-1   | 0.100          |

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检测报告  
(PFAS)

No.: CANEC24021132712

Date: 2024 年 10 月 24 日

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| No. | 组名                | 物质名称                                                         | CAS No.     | MDL<br>(mg/kg) |
|-----|-------------------|--------------------------------------------------------------|-------------|----------------|
| 413 | --                | 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          |
| 414 | 11H-PFUnDA, 及其盐   | 11H-全氟十一烷酸(11H-PFUnDA)                                       | 1765-48-6   | 0.100          |
| 415 |                   | 11H-全氟十一烷酸钾(11H-PFUnDA-K)                                    | 307-71-1    | --             |
| 416 |                   | 11H-全氟十一烷酸铵(11H-PFUnDA-NH <sub>4</sub> )                     | 5081-02-7   | --             |
| 417 |                   | 11H-全氟十一烷酸盐 (11H-PFUnDA(anion))                              | 69681-37-4  | --             |
| 418 | PFPrA,及其盐         | 五氟丙酸(PFPrA)                                                  | 422-64-0    | 0.100          |
| 419 |                   | 五氟丙酸钠(PFPrA-Na)                                              | 378-77-8    | --             |
| 420 |                   | 五氟丙酸银(PFPrA-Ag)                                              | 509-09-1    | --             |
| 421 |                   | 五氟丙酸钾(PFPrA-K)                                               | 378-76-7    | --             |
| 422 |                   | 五氟丙酸铵(PFPrA-NH <sub>4</sub> )                                | 2730-58-7   | --             |
| 423 | 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          |
| 424 |                   | 全氟-2,5-二甲基-3,6-二氧杂壬酸钾 (HFPO-TA-K)                            | 67118-57-4  | --             |
| 425 |                   | 全氟-2,5-二甲基-3,6-二氧杂壬酸钠 (HFPO-TA-Na)                           | 67963-76-2  | --             |
| 426 |                   | 全氟-2,5-二甲基-3,6-二氧杂壬酸铵 (HFPO-TA-NH <sub>4</sub> )             | 13043-05-5  | --             |
| 427 |                   | 全氟-2,5-二甲基-3,6-二氧杂壬酰基氟化物 (HFPO-TA-F)                         | 2641-34-1   | --             |
| 428 | --                | 全氟乙烷磺酸(PFETs)                                                | 354-88-1    | 0.010          |
| 429 | 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          |
| 430 |                   | 双[2-(全氟己基)乙基]磷酸(6:2 diPAP-Na)                                | 407582-79-0 | --             |
| 431 |                   | 双[2-(全氟己基)乙基]磷酸盐离子(6:2 diPAP(Anion))                         | 667465-18-1 | --             |
| 432 | TFSI, 及其盐         | 双(三氟甲烷)磺酰亚胺(TFSI)                                            | 82113-65-3  | 0.010          |
| 433 |                   | 1-丁基-1-甲基吡咯烷双(三氟甲烷)磺酰亚胺                                      | 223437-11-4 | --             |
| 434 |                   | 三丁基甲基铵双(三氟甲烷)磺酰亚胺                                            | 405514-94-5 | --             |
| 435 |                   | 双(三氟甲烷)磺酰亚胺锂(TFSI-Li)                                        | 90076-65-6  | --             |
| 436 |                   | 1-癸基-3-甲基咪唑双(三氟甲烷)磺酰亚胺                                       | 433337-23-6 | --             |
| 437 | 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          |
| 438 |                   | 单[2-(全氟癸基)乙基]磷酸双铵盐                                           | 93857-45-5  | --             |
| 439 | --                | 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          |
| 440 | TFMS, 及其盐         | 三氟甲磺酸(TFMS)                                                  | 1493-13-6   | 0.010          |
| 441 |                   | 三氟甲磺酸钠盐(TFMS-Na)                                             | 2926-30-9   | --             |
| 442 |                   | 三氟甲磺酸银盐(TFMS-Ag)                                             | 2923-28-6   | --             |
| 443 |                   | 三氟甲磺酸锌盐(TFMS-Zn)                                             | 54010-75-2  | --             |
| 444 |                   | 三氟甲磺酸钪盐(TFMS-Sc)                                             | 144026-79-9 | --             |
| 445 |                   | 三氟甲磺酸酐                                                       | 358-23-6    | --             |

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| No. | 组名          | 物质名称                                                          | CAS No.      | MDL<br>(mg/kg) |
|-----|-------------|---------------------------------------------------------------|--------------|----------------|
| 446 |             | 三氟甲磺酸锂盐(TFMS-Li)                                              | 33454-82-9   | --             |
| 447 |             | 三氟甲磺酸铜盐(TFMS-Cu)                                              | 34946-82-2   | --             |
| 448 |             | 三氟甲磺酸钡盐(TFMS-Ba)                                              | 2794-60-7    | --             |
| 449 |             | 三氟甲磺酸铈盐(TFMS-Ce)                                              | 107792-63-2  | --             |
| 450 |             | 三氟甲磺酸镁盐(TFMS-Mg)                                              | 60871-83-2   | --             |
| 451 |             | 三氟甲磺酸钾盐(TFMS-K)                                               | 2926-27-4    | --             |
| 452 |             | 三氟甲磺酸镍盐(TFMS-Ni)                                              | 60871-84-3   | --             |
| 453 |             | 三氟甲磺酸锡盐(TFMS-Sn)                                              | 62086-04-8   | --             |
| 454 |             | 三氟甲磺酸钇盐(TFMS-Y)                                               | 52093-30-8   | --             |
| 455 |             | 三氟甲磺酸铁盐(TFMS-Fe)                                              | 63295-48-7   | --             |
| 456 |             | 三氟甲磺酸铈盐(TFMS-Ce)                                              | 76089-77-5   | --             |
| 457 | PFPrS, 及其盐  | 全氟丙烷磺酸(PFPrS)                                                 | 423-41-6     | 0.010          |
| 458 |             | 全氟丙烷磺酸钠(PFPrS-Na)                                             | 359868-82-9  | --             |
| 459 | --          | 1-全氟庚基乙醇 (7:2 仲) (7:2sFTOH)                                   | 24015-83-6   | 0.200          |
| 460 | --          | 1-碘-1H, 1H, 2H, 2H-全氟己烷(4:2 FTI)                              | 2043-55-2    | 0.200          |
| 461 | PFHpSi, 及其盐 | 全氟庚烷-1-亚磺酸(PFHpSi)                                            | 769067-51-8  | 0.010          |
| 462 |             | 全氟庚烷-1-亚磺酸钠盐 (PFHpSi-Na)                                      | 68555-66-8   | --             |
| 463 | PFOPA, 及其盐  | 全氟辛基磷酸 (PFOPA)                                                | 40143-78-0   | 0.010          |
| 464 |             | 全氟辛基磷酸-4-甲基苯甲酰胺                                               | 1263361-03-0 | --             |
| 465 | --          | 1H, 1H-全氟辛胺(7:1 FTNH <sub>2</sub> )                           | 307-29-9     | 0.200          |
| 466 | --          | 全氟庚酰胺(PFHpA-NH <sub>2</sub> )                                 | 2358-22-7    | 0.100          |
| 467 | --          | 全氟丁酰胺(PFBA-NH <sub>2</sub> )                                  | 662-50-0     | 0.200          |
| 468 | --          | 1H, 1H, 2H, 2H-九氟己酯(4:2 FTA)                                  | 52591-27-2   | 0.200          |
| 469 | --          | N-甲基-九氟丁磺酰胺(MeFBSA)                                           | 68298-12-4   | 0.010          |
| 470 | --          | 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          |

- 针对纺织品和皮革样品, \*物质的 MDL=0.200mg/kg。
- 结论仅针对报告上的物质清单。

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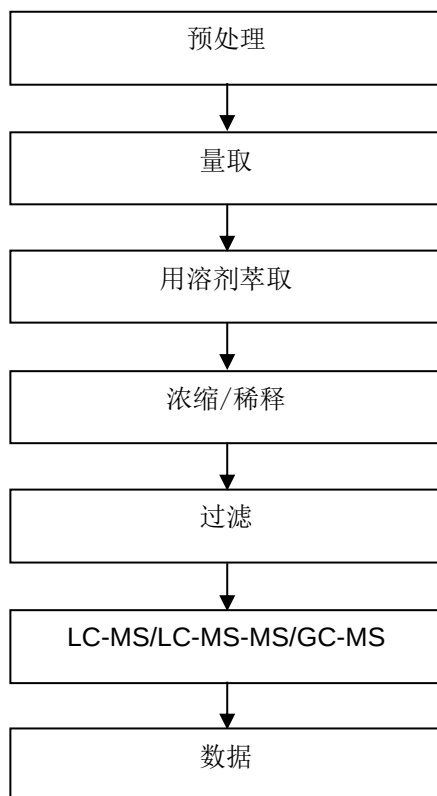
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## PFASs/ PFOS/PFOA 检测流程图



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