

## Test Report

No.: CANAF26005198327

Date: Mar 18, 2026

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Client Name: GUANGXI JINGUI PULP&PAPER CO.,LTD.

Client Address: SINAR MAS INDUSTRIAL PARK, QINZHOU HARBOR, QINZHOU CITY, GUANGXI

Sample Name: C1S IVORY BOARD

Manufacturer: /

Production Date: /

Sample Batch No.: /

The above sample(s) and information were provided by the client.

SGS Job No.: O-GZAFL202600574472

Sample Receiving Date: Mar 10, 2026

Testing Period: Mar 10, 2026 ~ Mar 18, 2026

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

| Test Requirement                                                                                                                        | Conclusion |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------|
| Regulation (EU) 2025/40 (Packaging and Packaging Waste Regulation, PPWR) - Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content | Pass       |

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Allie Chen

Allie Chen  
Approved Signatory

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Guangzhou Branch

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## Test Result(s):

## Test Part Description:

| SN ID | Sample No. | SGS Sample ID      | Description       |
|-------|------------|--------------------|-------------------|
| SN1   | 0001       | CAN26-0051983-0001 | White paper sheet |

## Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-” = Not Regulated

**Regulation (EU) 2025/40 (Packaging and Packaging Waste Regulation, PPWR) - Perfluoroalkyl and polyfluoroalkyl substances (PFAS) Content**
**Test Method:** Modified EN 17681-1:2025, analysis was performed by LC-MS or LC-MS/MS.

| Test Item(s)                                                 | CAS No.     | Limit | Unit(s) | MDL   | 0001        |
|--------------------------------------------------------------|-------------|-------|---------|-------|-------------|
| <b>PFOS, its salts</b>                                       |             |       |         |       |             |
| Perfluorooctane sulfonic acid (PFOS), its salts <sup>^</sup> | 1763-23-1   | 0.025 | mg/kg   | 0.010 | ND          |
| <b>PFOA, its salts</b>                                       |             |       |         |       |             |
| Perfluorooctanoic acid (PFOA), its salts <sup>^</sup>        | 335-67-1    | 0.025 | mg/kg   | 0.010 | ND          |
| <b>C9-C14 PFCA, their salts</b>                              |             |       |         |       |             |
| Perfluorononane Acid (PFNA), its salts <sup>^</sup>          | 375-95-1    | 0.025 | mg/kg   | 0.010 | ND          |
| Perfluorodecane Acid (PFDA), its salts <sup>^</sup>          | 335-76-2    | 0.025 | mg/kg   | 0.010 | ND          |
| Perfluoroundecanoic Acid (PFUnDA), its salts <sup>^</sup>    | 2058-94-8   | 0.025 | mg/kg   | 0.010 | ND          |
| Perfluorododecanoic Acid (PFDoDA), its salts <sup>^</sup>    | 307-55-1    | 0.025 | mg/kg   | 0.010 | ND          |
| Perfluorotridecanoic Acid (PFTrDA), its salts <sup>^</sup>   | 72629-94-8  | 0.025 | mg/kg   | 0.010 | ND          |
| Perfluorotetradecanoic Acid (PFTDA), its salts <sup>^</sup>  | 376-06-7    | 0.025 | mg/kg   | 0.010 | ND          |
| Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)            | 172155-07-6 | 0.025 | mg/kg   | 0.010 | ND          |
| <b>PFHxS, its salts</b>                                      |             |       |         |       |             |
| Perfluorohexanesulfonic acid (PFHxS), its salts <sup>^</sup> | 355-46-4    | 0.025 | mg/kg   | 0.010 | ND          |
| <b>PFHxA, its salts</b>                                      |             |       |         |       |             |
| Perfluorohexane Acid (PFHxA), its salts <sup>^</sup>         | 307-24-4    | 0.025 | mg/kg   | 0.010 | ND          |
| Sum of PFAS                                                  | -           | 0.25  | mg/kg   | -     | ND          |
| <b>Conclusion</b>                                            |             |       |         |       | <b>Pass</b> |

## Notes:

(1) Regulation (EU) 2025/40 does not define any official list of individual PFAS substances. Conclusion is made based on the tested PFAS substances which is agreed by the client.

(2) <sup>^</sup>=Substances refer to its salts/derivative listed in below table.

| Substances Name                          | CAS No. |
|------------------------------------------|---------|
| <b>PFOS, its salts &amp; derivatives</b> |         |



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| Perfluorooctane sulfonic acid (PFOS)                                                                                                                                                         | 1763-23-1    |
| Potassium Perfluorooctanesulfonate (PFOS-K)                                                                                                                                                  | 2795-39-3    |
| Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)                                                                                                                                         | 29457-72-5   |
| Sodium perfluorooctanesulfonate (PFOS-Na)                                                                                                                                                    | 4021-47-0    |
| Ammonium perfluorooctanesulfonate (PFOS-NH <sub>4</sub> )                                                                                                                                    | 29081-56-9   |
| Perfluorooctane sulfonate diethanolamine salt (PFOS-NH <sub>2</sub> (C <sub>2</sub> H <sub>4</sub> OH) <sub>2</sub> )                                                                        | 70225-14-8   |
| Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )                                                                                 | 56773-42-3   |
| N-decyl-N,N-dimethyldecyl-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane-1-sulfonate (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> ) | 251099-16-8  |
| TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )                                                                                           | 111873-33-7  |
| Perfluorooctane Sulfonyl fluoride (PFOS-F)                                                                                                                                                   | 307-35-7     |
| Magnesium bis(heptafluorooctanesulphonate) (PFOS-Mg)                                                                                                                                         | 91036-71-4   |
| Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctanesulfonate                                                                                                                      | 71463-74-6   |
| Perfluorooctanesulfonate                                                                                                                                                                     | 45298-90-6   |
| Triethylammonium perfluorooctane sulfonate (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )                                                                                            | 54439-46-2   |
| Tetramethylammonium perfluorooctane sulfonate (PFOS-N(CH <sub>3</sub> ) <sub>4</sub> )                                                                                                       | 56773-44-5   |
| N,N,N-Tripropylpentan-1-aminium heptafluorooctane-1-sulfonate (PFOS-N(C <sub>3</sub> H <sub>7</sub> ) <sub>3</sub> (C <sub>5</sub> H <sub>11</sub> ))                                        | 56773-56-9   |
| N,N-Dibutyl-N-methylbutan-1-aminium heptafluorooctane-1-sulfonate (PFOS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>3</sub> (CH <sub>3</sub> ))                                                   | 124472-68-0  |
| Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, salt with perfluoro-1-octanesulfonic acid (1:1)                                                                                                 | 213740-80-8  |
| Diphenyl(2,4,6-trimethylphenyl)sulfonium perfluoro-1-octanesulfonate                                                                                                                         | 258341-99-0  |
| 1-Hexadecylpyridinium perfluoro-1-octanesulfonate                                                                                                                                            | 334529-63-4  |
| N,N,N-Triethyldecyl-1-aminium heptafluorooctane-1-sulfonate                                                                                                                                  | 773895-92-4  |
| Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )                                                                                       | 2185049-59-4 |
| Perfluorooctanesulfonic acid diethylamine salt (PFOS-C <sub>4</sub> H <sub>11</sub> N)                                                                                                       | 2205029-08-7 |
| heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptafluorooctane-1-sulfonate (PFOS-C <sub>15</sub> H <sub>30</sub> NO <sub>2</sub> )                                              | 1203998-97-3 |
| Perfluorooctane sulfonic anhydride (PFOSAN)                                                                                                                                                  | 423-92-7     |
| <b>PFOA, its salts &amp; derivatives</b>                                                                                                                                                     |              |
| Perfluorooctanoic acid (PFOA)                                                                                                                                                                | 335-67-1     |
| Sodium perfluorooctanoate (PFOA-Na)                                                                                                                                                          | 335-95-5     |
| Potassium perfluorooctanoate (PFOA-K)                                                                                                                                                        | 2395-00-8    |
| Silver perfluorooctanoate (PFOA-Ag)                                                                                                                                                          | 335-93-3     |
| Perfluorooctanoyl fluoride (PFOA-F)                                                                                                                                                          | 335-66-0     |
| Ammonium pentadecafluorooctanoate (APFO)                                                                                                                                                     | 3825-26-1    |
| Lithium perfluorooctanoate (PFOA-Li)                                                                                                                                                         | 17125-58-5   |
| Cobalt perfluorooctanoate (PFOA-Co)                                                                                                                                                          | 35965-01-6   |
| Cesium perfluorooctanoate (PFOA-Cs)                                                                                                                                                          | 17125-60-9   |
| Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentafluoro-, chromium(3+) (PFOA-Cr(3+))                                                                                                        | 68141-02-6   |



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| Pentadecafluorooctanoic acid--piperazine (2/1) (PFOA-NH(C <sub>4</sub> H <sub>10</sub> N))                                                                                | 423-52-9     |
| Pentadecafluorooctanoate (anion)                                                                                                                                          | 45285-51-6   |
| Perfluorooctanoic Anhydride                                                                                                                                               | 33496-48-9   |
| N,N,N-Triethylethanaminium perfluorooctanoate                                                                                                                             | 98241-25-9   |
| Perfluorooctanoate N,N,N-Trimethylmethanaminium                                                                                                                           | 32609-65-7   |
| Tetrapropylammonium perfluorooctanoate                                                                                                                                    | 277749-00-5  |
| Potassium pentadecafluorooctanoate--water (1/1/2) (PFOA-K(H <sub>2</sub> O) <sub>2</sub> )                                                                                | 98065-31-7   |
| Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C <sub>2</sub> H <sub>7</sub> N)                                                                                | 1376936-03-6 |
| Pentadecafluorooctanoic acid--pyridine (1/1) (PFOA-C <sub>5</sub> H <sub>5</sub> N)                                                                                       | 95658-47-2   |
| pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )                                                              | 1514-68-7    |
| N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate (PFOA-C <sub>11</sub> H <sub>26</sub> N)                                                                          | 927835-01-6  |
| <b>PFNA, its salts</b>                                                                                                                                                    |              |
| Perfluorononane Acid (PFNA)                                                                                                                                               | 375-95-1     |
| Perfluorononanoate Na-Salt (PFNA-Na)                                                                                                                                      | 21049-39-8   |
| Nonanoic acid, heptadecafluoro-, ammonium salt (PFNA-NH <sub>4</sub> )                                                                                                    | 4149-60-4    |
| Potassium perfluorononanoate (PFNA-K)                                                                                                                                     | 21049-38-7   |
| Perfluorononanoate Li-Salt (PFNA-Li)                                                                                                                                      | 60871-92-3   |
| Silver perfluorononanoate (PFNA-Ag)                                                                                                                                       | 7358-16-9    |
| Methanaminium perfluorononanoate (PFNA-NH <sub>3</sub> (CH <sub>3</sub> ))                                                                                                | 77032-23-6   |
| 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 <sub>2</sub> (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> | 77032-27-0   |
| 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 <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )          | 77032-24-7   |
| Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )                                    | 327176-80-7  |
| Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH <sub>2</sub> (C <sub>5</sub> H <sub>10</sub> ))                                              | 95682-66-9   |
| Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH <sub>3</sub> (C <sub>6</sub> H <sub>5</sub> ))                  | 95682-67-0   |
| Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH <sub>3</sub> (C <sub>6</sub> H <sub>11</sub> ))                                         | 328531-06-2  |
| Perfluorononanoate (anion)                                                                                                                                                | 72007-68-2   |
| 4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C <sub>11</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub> S)                           | 298703-33-0  |
| Perfluorononanoic anhydride (PFNAA)                                                                                                                                       | 228407-54-3  |
| <b>PFDA, its salts</b>                                                                                                                                                    |              |
| Perfluorodecane Acid (PFDA)                                                                                                                                               | 335-76-2     |
| Sodium perfluorodecanoate (PFDA-Na)                                                                                                                                       | 3830-45-3    |
| Perfluorodecanoate ammonium salt (PFDA-NH <sub>4</sub> )                                                                                                                  | 3108-42-7    |
| Potassium perfluorodecanoate (PFDA-K)                                                                                                                                     | 51604-85-4   |
| Silver perfluorodecanoate (PFDA-Ag)                                                                                                                                       | 5784-82-7    |
| Lithium perfluorodecanoate (PFDA-Li)                                                                                                                                      | 84743-32-8   |
| Perfluorodecanoate (anion)                                                                                                                                                | 73829-36-4   |
| Perfluorodecanoic anhydride (PFDA)                                                                                                                                        | 942199-24-8  |
| <b>PFUnDA, its salts</b>                                                                                                                                                  |              |
| Perfluoroundecanoic Acid (PFUnDA)                                                                                                                                         | 2058-94-8    |



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| Perfluoroundecanoic acid sodium salt (PFUnDA-Na)                                                                                                                                                                                                                                                                    | 60871-96-7   |
| Ammonium perfluoroundecanoate (PFUnDA-NH <sub>4</sub> )                                                                                                                                                                                                                                                             | 4234-23-5    |
| Potassium perfluoroundecanoate (PFUnDA-K)                                                                                                                                                                                                                                                                           | 30377-53-8   |
| Calcium perfluoroundecanoate (PFUnDA-Ca)                                                                                                                                                                                                                                                                            | 97163-17-2   |
| Perfluoroundecanoate (anion)                                                                                                                                                                                                                                                                                        | 196859-54-8  |
| <b>PFDODA, its salts</b>                                                                                                                                                                                                                                                                                            |              |
| Perfluorododecanoic Acid (PFDODA)                                                                                                                                                                                                                                                                                   | 307-55-1     |
| Ammonium tricosafuorododecanoate (PFDODA-NH <sub>4</sub> )                                                                                                                                                                                                                                                          | 3793-74-6    |
| Perfluorododecanoate (anion)                                                                                                                                                                                                                                                                                        | 171978-95-3  |
| <b>PFTrDA, its salts</b>                                                                                                                                                                                                                                                                                            |              |
| Perfluorotridecanoic Acid (PFTrDA)                                                                                                                                                                                                                                                                                  | 72629-94-8   |
| Ammonium perfluorotridecanoate (PFTrDA-NH <sub>4</sub> )                                                                                                                                                                                                                                                            | 4288-72-6    |
| Sodium perfluorotridecanoate (PFTrDA-Na)                                                                                                                                                                                                                                                                            | 60872-01-7   |
| Perfluorotridecanoate (anion)                                                                                                                                                                                                                                                                                       | 862374-87-6  |
| <b>PFTDA, its salts</b>                                                                                                                                                                                                                                                                                             |              |
| Perfluorotetradecanoic Acid (PFTDA)                                                                                                                                                                                                                                                                                 | 376-06-7     |
| Perfluorotetradecanoate (anion)                                                                                                                                                                                                                                                                                     | 365971-87-5  |
| <b>PFHxS, its salts &amp; derivatives</b>                                                                                                                                                                                                                                                                           |              |
| Perfluorohexanesulfonic acid (PFHxS)                                                                                                                                                                                                                                                                                | 355-46-4     |
| Perfluorohexanesulfonate Na-salt (PFHxS-Na)                                                                                                                                                                                                                                                                         | 82382-12-5   |
| Perfluorohexanesulfonate K-salt (PFHxS-K)                                                                                                                                                                                                                                                                           | 3871-99-6    |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1) (PFHxS-Li)                                                                                                                                                                                                                      | 55120-77-9   |
| Ammonium perfluorohexane-1-sulphonate (PFHxS-NH <sub>4</sub> )                                                                                                                                                                                                                                                      | 68259-08-5   |
| Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-BTPP)                                                                                                                                                                                                 | 1000597-52-3 |
| N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate(PFHxS-N(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )                                                                                                                                                                                                | 108427-54-9  |
| N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate(PFHxS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )                                                                                                                                                                                                   | 108427-55-0  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1) (PFHxS-NC <sub>4</sub> H <sub>9</sub> )                                                                                                                                                                              | 1187817-57-7 |
| 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) (PFHxS-(NC <sub>10</sub> H <sub>14</sub> ) <sub>3</sub> C <sub>5</sub> H <sub>4</sub> ) | 1310480-24-0 |
| 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) (PFHxS-(NC <sub>8</sub> H <sub>10</sub> ) <sub>2</sub> C <sub>13</sub> H <sub>12</sub> )                            | 1310480-27-3 |
| 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) (PFHxS-(NC <sub>8</sub> H <sub>10</sub> ) <sub>2</sub> C <sub>17</sub> H <sub>12</sub> )                           | 1310480-28-4 |
| 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) (PFHxS-C <sub>42</sub> H <sub>70</sub> O <sub>35</sub> )                                                                                                                                                  | 1329995-45-0 |
| 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)(PFHxS-C <sub>48</sub> H <sub>80</sub> O <sub>40</sub> )                                                                                                                                                  | 1329995-69-8 |



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| Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (TPS-PFHxS)                                                                                                                                                                 | 144116-10-9  |
| Quinolinium, 1-(carboxymethyl)-4-[2-[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)(PFHxS-C <sub>44</sub> H <sub>37</sub> N <sub>2</sub> O <sub>2</sub> ) | 1462414-59-0 |
| Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) (PFHxS-I(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> )                                                                                                                       | 153443-35-7  |
| 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) (PFHxS-TMA)                                                                                                                                         | 189274-31-5  |
| 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)(PFHxS-NH <sub>2</sub> (CH <sub>3</sub> ) <sub>3</sub> )                                                                                                   | 202189-84-2  |
| 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)(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  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9Cl)(PFHxS-Ga)                                                                                                                                                                      | 341035-71-0  |
| Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (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  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)(PFHxS-Sc)                                                                                                                                                                 | 350836-93-0  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)(PFHxS-Nd)                                                                                                                                                                | 41184-65-0   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)(PFHxS-Y)                                                                                                                                                                   | 41242-12-0   |
| 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)(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  |
| 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(PFHxS-I(C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> (C <sub>5</sub> H <sub>11</sub> ))                                                           | 421555-74-0  |
| Perfluorohexane sulphonyl fluoride(PFHxS-F)                                                                                                                                                                                                                        | 423-50-7     |
| 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)(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  |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt (PFHxS-Zn)                                                                                                                                                                              | 70136-72-0   |
| Tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)(PFHxS-NH(C <sub>2</sub> H <sub>5</sub> O) <sub>2</sub> )                                                                                                                                | 70225-16-0   |
| 1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)(PFHxS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )                                                                                                    | 72033-41-1   |
| 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) (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  |
| Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)( PFHxS-S(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> C <sub>7</sub> H <sub>7</sub> )                                                                        | 910606-39-2  |
| Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6,6,6,6,6-tridecafluoro-1-hexanesulfonate (1:1) ( 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  |



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| 1-Hexanesulfonic acid, 9,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1) (PFHxS-Cs) (PFHxS-Cs)                                                                                                                                                                                                                                                                                                | 92011-17-1   |
| Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 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) (PFHxS-SC <sub>26</sub> H <sub>31</sub> O <sub>4</sub> )                                                                                                                                                           | 928049-42-7  |
| Perfluorohexylsulfonfyl chloride (PFHxS-Cl)                                                                                                                                                                                                                                                                                                                                                             | 55591-23-6   |
| 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[3.3.1.1 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate (PFHxS-Sulfonium, propenoate polymer) | 911027-69-5  |
| Perfluorohexane sulfonate (anion)                                                                                                                                                                                                                                                                                                                                                                       | 108427-53-8  |
| Tetrabutylphosphonium perfluorohexane sulfonate (PFHxS-P (C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> ))                                                                                                                                                                                                                                                                                               | 2310194-12-6 |
| <b>PFHxA, its salts &amp; derivatives</b>                                                                                                                                                                                                                                                                                                                                                               |              |
| Perfluorohexane Acid (PFHxA)                                                                                                                                                                                                                                                                                                                                                                            | 307-24-4     |
| Ammonium perfluorohexanoate (APFHx)                                                                                                                                                                                                                                                                                                                                                                     | 21615-47-4   |
| Sodium perfluorohexanoate (PFHxA-Na)                                                                                                                                                                                                                                                                                                                                                                    | 2923-26-4    |
| Potassium perfluorohexanoate (PFHxA-K)                                                                                                                                                                                                                                                                                                                                                                  | 3109-94-2    |
| Perfluorohexanoyl fluoride (PFHxA-F)                                                                                                                                                                                                                                                                                                                                                                    | 355-38-4     |
| Silver perfluorohexanoate (PFHxA-Ag)                                                                                                                                                                                                                                                                                                                                                                    | 336-02-7     |
| Lithium perfluorohexanoate (PFHxA-Li)                                                                                                                                                                                                                                                                                                                                                                   | 90430-61-8   |
| Perfluorohexanoic anhydride                                                                                                                                                                                                                                                                                                                                                                             | 308-13-4     |
| Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8Cl,9Cl)                                                                                                                                                                                                                                                                                                                                    | 423-47-2     |
| Perfluorohexanoate (anion)                                                                                                                                                                                                                                                                                                                                                                              | 92612-52-7   |
| Perfluorohexanoyl chloride (PFHxA-Cl)                                                                                                                                                                                                                                                                                                                                                                   | 335-53-5     |
| Undecafluorohexanoic acid--hexan-1-amine (1/1) (PFHxA-C <sub>6</sub> H <sub>15</sub> N)                                                                                                                                                                                                                                                                                                                 | 565225-91-4  |
| 1-phenylpiperazine; 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid (PFHxA-C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> )                                                                                                                                                                                                                                                                             | 985-60-4     |

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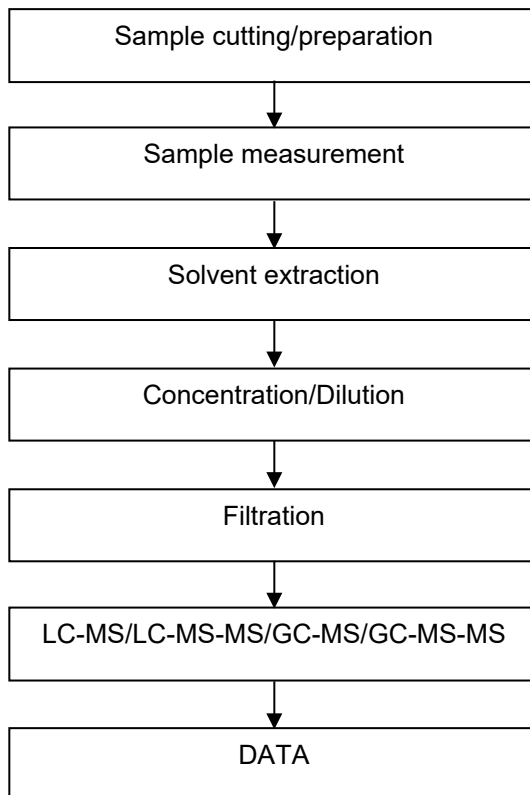
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## PFASs/ PFOS/PFOA Testing Flow Chart



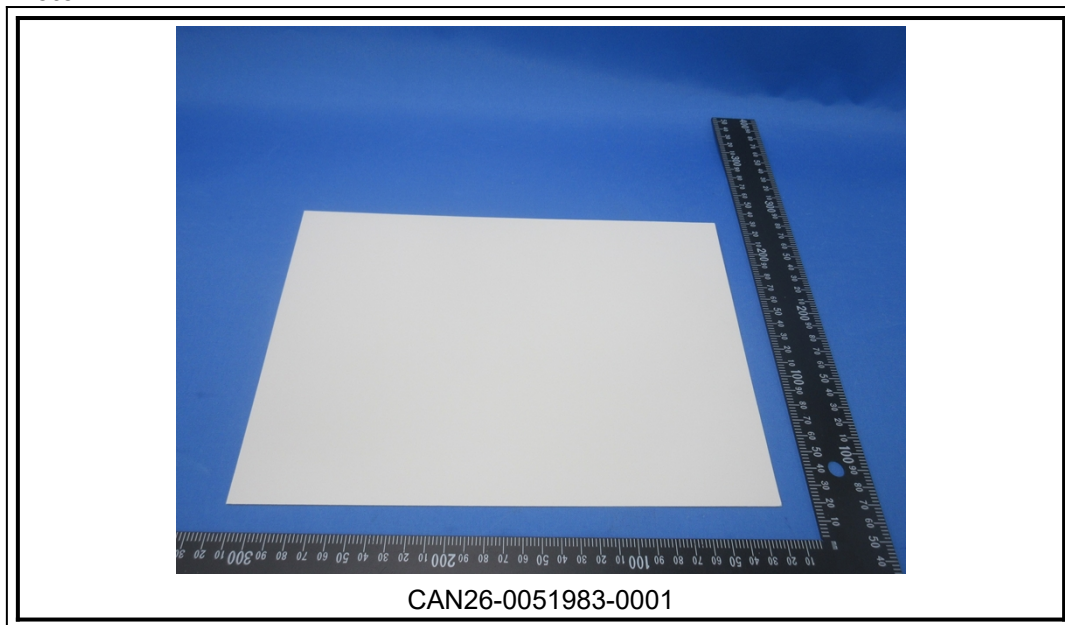
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