

## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 1 of 24

Client Name: MK ELECTRON(KUNSHAN)CO.,LTD.

Client Address: NO.138 ChengHu Road,KunShan Development Zone.JiangSu

Sample Name: Copper Wire

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

**THIS REPORT IS TO SUPERSEDE REPORT NO.SHAEC26012392801, DATE: May 13, 2026.**

SGS Job No.: SHP26-015744

Sample Receiving Date: May 07, 2026

Testing Period: May 07, 2026 ~ May 12, 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  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) | Pass        |
| Tetrabromobisphenol A (TBBP-A)                                                                                                                                                                                                                                                                                            | See Results |
| Alkanes C14-C17, chloro (medium- chain chlorinated paraffins) (MCCPs)                                                                                                                                                                                                                                                     | See Results |
| Element(s)                                                                                                                                                                                                                                                                                                                | See Results |
| Hexabromocyclododecane (HBCDD)                                                                                                                                                                                                                                                                                            | See Results |
| Phthalates                                                                                                                                                                                                                                                                                                                | See Results |
| Polychlorinated Biphenyls (PCBs)                                                                                                                                                                                                                                                                                          | See Results |
| Polychlorinated Naphthalenes (PCNs)                                                                                                                                                                                                                                                                                       | See Results |
| Polychlorinated Terphenyls (PCTs)                                                                                                                                                                                                                                                                                         | See Results |

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

*Susu Zhang*

Susu Zhang

Approved Signatory

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## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 2 of 24

| Test Requirement                                       | Conclusion  |
|--------------------------------------------------------|-------------|
| Polyvinyl chloride (PVC)                               | See Results |
| Short-chain chlorinated paraffins (SCCPs)              | See Results |
| Organic-tin compounds                                  | See Results |
| Halogen                                                | See Results |
| PFOS, its salts and related compounds, PFOA, its salts | See Results |

### Test Result(s):

### Test Part Description:

| SN ID | Sample No. | SGS Sample ID           | Description  |
|-------|------------|-------------------------|--------------|
| SN1   | A1         | SHA26-0123928-0001.C001 | Copper metal |

### Remarks:

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

**EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)**

**Test Method:** With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-1:2015, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

| Test Item(s)                       | Limit | Unit(s)            | MDL  | A1 |
|------------------------------------|-------|--------------------|------|----|
| Lead (Pb)                          | 1000  | mg/kg              | 2    | ND |
| Mercury (Hg)                       | 1000  | mg/kg              | 2    | ND |
| Cadmium (Cd)                       | 100   | mg/kg              | 2    | ND |
| Hexavalent Chromium (Cr(VI))▼      | -     | µg/cm <sup>2</sup> | 0.10 | ND |
| Polybromobiphenyl (PBB)            | 1000  | mg/kg              | -    | ND |
| Monobrominated biphenyl (MonoBB)   | -     | mg/kg              | 5    | ND |
| Dibrominated biphenyl (DiBB)       | -     | mg/kg              | 5    | ND |
| Tribrominated biphenyl (TriBB)     | -     | mg/kg              | 5    | ND |
| Tetrabrominated biphenyl (TetraBB) | -     | mg/kg              | 5    | ND |
| Pentabrominated biphenyl (PentaBB) | -     | mg/kg              | 5    | ND |
| Hexabrominated biphenyl (HexaBB)   | -     | mg/kg              | 5    | ND |
| Heptabrominated biphenyl (HeptaBB) | -     | mg/kg              | 5    | ND |
| Octabrominated biphenyl (OctaBB)   | -     | mg/kg              | 5    | ND |
| Nonabrominated biphenyl (NonaBB)   | -     | mg/kg              | 5    | ND |
| Decabrominated biphenyl (DecaBB)   | -     | mg/kg              | 5    | ND |
| Polybromodiphenyl ether (PBDE)     | 1000  | mg/kg              | -    | ND |



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No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 3 of 24

| Test Item(s)                              | Limit | Unit(s) | MDL | A1 |
|-------------------------------------------|-------|---------|-----|----|
| Monobrominated diphenyl ether (MonoBDE)   | -     | mg/kg   | 5   | ND |
| Dibrominated diphenyl ether (DiBDE)       | -     | mg/kg   | 5   | ND |
| Tribrominated diphenyl ether (TriBDE)     | -     | mg/kg   | 5   | ND |
| Tetrabrominated diphenyl ether (TetraBDE) | -     | mg/kg   | 5   | ND |
| Pentabrominated diphenyl ether (PentaBDE) | -     | mg/kg   | 5   | ND |
| Hexabrominated diphenyl ether (HexaBDE)   | -     | mg/kg   | 5   | ND |
| Heptabrominated diphenyl ether (HeptaBDE) | -     | mg/kg   | 5   | ND |
| Octabrominated diphenyl ether (OctaBDE)   | -     | mg/kg   | 5   | ND |
| Nonabrominated diphenyl ether (NonaBDE)   | -     | mg/kg   | 5   | ND |
| Decabrominated diphenyl ether (DecaBDE)   | -     | mg/kg   | 5   | ND |
| Bis(2-ethylhexyl) phthalate (DEHP)        | 1000  | mg/kg   | 50  | ND |
| Butyl benzyl phthalate (BBP)              | 1000  | mg/kg   | 50  | ND |
| Dibutyl phthalate (DBP)                   | 1000  | mg/kg   | 50  | ND |
| Diisobutyl phthalate (DIBP)               | 1000  | mg/kg   | 50  | ND |

### Notes:

- The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- IEC 62321 series is equivalent to EN 62321 series.
- ▼ =
  - The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm<sup>2</sup>. The sample coating is considered to contain Cr(VI).
  - The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm<sup>2</sup>). The coating is considered a non-Cr(VI) based coating.
  - The result between 0.10 µg/cm<sup>2</sup> and 0.13 µg/cm<sup>2</sup> is considered to be inconclusive-unavoidable coating variations may influence the determination.

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

### Tetrabromobisphenol A (TBBP-A)

**Test Method:** With reference to SGS in house method, analysis was performed by GC-MS or LC-MS.

| Test Item(s)                   | CAS No. | Unit(s) | MDL | A1 |
|--------------------------------|---------|---------|-----|----|
| Tetrabromobisphenol A (TBBP-A) | 79-94-7 | mg/kg   | 5   | ND |

### Alkanes C14-C17, chloro (medium- chain chlorinated paraffins) (MCCPs)

**Test Method:** With reference to ISO 22818:2021, analysis was performed by GC-NCI-MS.



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# Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 4 of 24

| Test Item(s)                                                                                    | CAS No.               | Unit(s) | MDL | A1 |
|-------------------------------------------------------------------------------------------------|-----------------------|---------|-----|----|
| Alkanes C <sub>14</sub> -C <sub>17</sub> , chloro (medium- chain chlorinated paraffins) (MCCPs) | 85535-85-9 and others | mg/kg   | 50  | ND |

## Element(s)

**Test Method:** With reference to US EPA 3050B:1996, analysis was performed by ICP-OES/AAS.

| Test Item(s)  | Unit(s) | MDL | A1 |
|---------------|---------|-----|----|
| Antimony(Sb)  | mg/kg   | 10  | ND |
| Phosphorus(P) | mg/kg   | 20  | ND |
| Beryllium(Be) | mg/kg   | 5   | ND |
| Arsenic(As)   | mg/kg   | 10  | ND |

## Hexabromocyclododecane (HBCDD)

**Test Method:** With reference to IEC 62321-9:2021, analysis was performed by GC-MS.

| Test Item(s)                   | CAS No.                                                                  | Unit(s) | MDL | A1 |
|--------------------------------|--------------------------------------------------------------------------|---------|-----|----|
| Hexabromocyclododecane (HBCDD) | 134237-50-6<br>/134237-51-7<br>/134237-52-8<br>/25637-99-4<br>/3194-55-6 | mg/kg   | 20  | ND |

## Phthalates

**Test Method:** With reference to EN 14372:2004, analysis was performed by GC-MS.

| Test Item(s)                                                                   | CAS No.                   | Unit(s) | MDL   | A1 |
|--------------------------------------------------------------------------------|---------------------------|---------|-------|----|
| Diisononyl Phthalate (DINP)                                                    | 28553-12-0<br>/68515-48-0 | %       | 0.010 | ND |
| Di-n-octyl Phthalate (DNOP)                                                    | 117-84-0                  | %       | 0.003 | ND |
| Diisodecyl Phthalate (DIDP)                                                    | 26761-40-0<br>/68515-49-1 | %       | 0.010 | ND |
| Di-n-pentyl Phthalates (DnPP)                                                  | 131-18-0                  | %       | 0.003 | ND |
| Di-n-hexyl Phthalates (DnHP)                                                   | 84-75-3                   | %       | 0.003 | ND |
| Bis(2-methoxyethyl) Phthalate (DMEP)                                           | 117-82-8                  | %       | 0.003 | ND |
| Diisopentylphthalate (DiPP)                                                    | 605-50-5                  | %       | 0.003 | ND |
| N-Pentyl-isopentylphthalate (nPiPP)                                            | 776297-69-9               | %       | 0.003 | ND |
| Diisoheptyl phthalate (DIHP)                                                   | 71888-89-6                | %       | 0.010 | ND |
| 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP) | 68515-42-4                | %       | 0.010 | ND |

## Polychlorinated Biphenyls (PCBs)

**Test Method:** With reference to US EPA 8082A:2007, analysis was performed by GC-MS.



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## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 5 of 24

| Test Item(s)                                         | CAS No.    | Unit(s) | MDL | A1 |
|------------------------------------------------------|------------|---------|-----|----|
| 2,2',5-Trichlorobiphenyl (PCB18)                     | 37680-65-2 | mg/kg   | 0.5 | ND |
| 2,4,4'-Trichlorobiphenyl (PCB28)                     | 7012-37-5  | mg/kg   | 0.5 | ND |
| 2,4',5-Trichlorobiphenyl (PCB31)                     | 16606-02-3 | mg/kg   | 0.5 | ND |
| 2,2',3,5'-Tetrachlorobiphenyl (PCB44)                | 41464-39-5 | mg/kg   | 0.5 | ND |
| 2,2',5,5'-Tetrachlorobiphenyl (PCB52)                | 35693-99-3 | mg/kg   | 0.5 | ND |
| 2,2',4,5,5'-Pentachlorobiphenyl (PCB101)             | 37680-73-2 | mg/kg   | 0.5 | ND |
| 2,3',4,4',5-Pentachlorobiphenyl (PCB118)             | 31508-00-6 | mg/kg   | 0.5 | ND |
| 2,2',3,4,4',5'-Hexachlorobiphenyl (PCB138)           | 35065-28-2 | mg/kg   | 0.5 | ND |
| 2,2',4,4',5,5'-Hexachlorobiphenyl (PCB153)           | 35065-27-1 | mg/kg   | 0.5 | ND |
| 2,2',3,4,4',5,5'-Heptachlorobiphenyl (PCB180)        | 35065-29-3 | mg/kg   | 0.5 | ND |
| 2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB206)    | 40186-72-9 | mg/kg   | 0.5 | ND |
| 4-Chlorobiphenyl (PCB3)                              | 2051-62-9  | mg/kg   | 0.5 | ND |
| 2,4'- Dichlorobiphenyl (PCB8)                        | 34883-43-7 | mg/kg   | 0.5 | ND |
| 2,4,5-Trichlorobiphenyl (PCB29)                      | 15862-07-4 | mg/kg   | 0.5 | ND |
| 2,2',4,6-Tetrachlorobiphenyl (PCB50)                 | 62796-65-0 | mg/kg   | 0.5 | ND |
| 2,2',3,4',5',6-Hexachlorobiphenyl (PCB149)           | 38380-04-0 | mg/kg   | 0.5 | ND |
| 2,2',3,3',4,4',5,5'- Octachlorobiphenyl (PCB194)     | 35694-08-7 | mg/kg   | 0.5 | ND |
| 2,2',3,3',4,4',5,5',6,6'-Decachlorobiphenyl (PCB209) | 2051-24-3  | mg/kg   | 0.5 | ND |

### Polychlorinated Naphthalenes (PCNs)

**Test Method:** With reference to US EPA 8081B:2007, analysis was performed by GC-MS.

| Test Item(s)                           | CAS No.    | Unit(s) | MDL | A1 |
|----------------------------------------|------------|---------|-----|----|
| 1-Chlorinated Naphthalene              | 90-13-1    | mg/kg   | 5   | ND |
| 2-Chlorinated Naphthalene              | 91-58-7    | mg/kg   | 5   | ND |
| 1,4- Dichlorinated Naphthalene         | 1825-31-6  | mg/kg   | 5   | ND |
| 1,5-Dichlorinated Naphthalene          | 1825-30-5  | mg/kg   | 5   | ND |
| 1,2-Dichlorinated Naphthalene          | 2050-69-3  | mg/kg   | 5   | ND |
| 1,8-Dichlorinated Naphthalene          | 2050-74-0  | mg/kg   | 5   | ND |
| 1,2,3-Trichlorinated Naphthalene       | 50402-52-3 | mg/kg   | 5   | ND |
| 1,2,3,4-Tetrachlorinated Naphthalene   | 20020-02-4 | mg/kg   | 5   | ND |
| 1,2,3,4,6-Pentachlorinated Naphthalene | 67922-26-3 | mg/kg   | 5   | ND |
| Octa-chlorinated Naphthalene           | 2234-13-1  | mg/kg   | 5   | ND |

### Polychlorinated Terphenyls (PCTs)

**Test Method:** With reference to US EPA 8082A: 2007, analysis was performed by GC-MS.



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## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 6 of 24

| Test Item(s) | CAS No.    | Unit(s) | MDL | A1 |
|--------------|------------|---------|-----|----|
| Aroclor 5432 | 63496-31-1 | mg/kg   | 5   | ND |
| Aroclor 5442 | 12642-23-8 | mg/kg   | 5   | ND |
| Aroclor 5460 | 11126-42-4 | mg/kg   | 5   | ND |

### Polyvinyl chloride (PVC)

**Test Method:** With reference to SGS in house method, analysis was performed by FTIR/ATR.

| Test Item(s)             | A1       |
|--------------------------|----------|
| Polyvinyl chloride (PVC) | Negative |

#### Notes:

(1) Negative=Undetectable, Positive=Detectable

### Short-chain chlorinated paraffins (SCCPs)

**Test Method:** With reference to ISO 18219-1:2021, analysis was performed by GC-NCI-MS.

| Test Item(s)                                                                | CAS No.    | Unit(s) | MDL | A1 |
|-----------------------------------------------------------------------------|------------|---------|-----|----|
| Short-chain chlorinated paraffins(C <sub>10</sub> -C <sub>13</sub> )(SCCPs) | 85535-84-8 | mg/kg   | 50  | ND |

### Organic-tin compounds

**Test Method:** With reference to ISO 17353:2004, analysis was performed by GC-MS.

| Test Item(s)                    | Unit(s) | MDL  | A1 |
|---------------------------------|---------|------|----|
| Dibutyl tin(DBT)                | mg/kg   | 0.02 | ND |
| Tributyl tin(TBT)               | mg/kg   | 0.02 | ND |
| Diocetyl tin(DOT)               | mg/kg   | 0.02 | ND |
| Triphenyl tin(TPhT)             | mg/kg   | 0.02 | ND |
| Bis(tributyltin) oxide (TBTO) ◆ | mg/kg   | 0.02 | ND |

#### Notes:

(1) ◆ TBTO is back calculated based on the worst-case scenario of TBT.

### Halogen

**Test Method:** With reference to EN 14582:2016, analysis was performed by IC.

| Test Item(s) | Unit(s) | MDL | A1 |
|--------------|---------|-----|----|
| Fluorine(F)  | mg/kg   | 20  | ND |
| Chlorine(Cl) | mg/kg   | 50  | ND |
| Bromine(Br)  | mg/kg   | 50  | ND |
| Iodine(I)    | mg/kg   | 50  | ND |

### PFOS, its salts and related compounds,PFOA, its salts



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## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 7 of 24

Test Method: Modified EN 17681-1:2025, analysis was performed by LC-MS or LC-MS/MS.

| Test Item(s)                                                                         | CAS No.    | Unit(s) | MDL   | A1 |
|--------------------------------------------------------------------------------------|------------|---------|-------|----|
| <b>PFOS, its salts</b>                                                               |            |         |       |    |
| Perfluorooctane sulfonic acid (PFOS), its salts <sup>^</sup>                         | 1763-23-1  | mg/kg   | 0.010 | ND |
| <b>PFOS-related compounds</b>                                                        |            |         |       |    |
| N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)                                      | 4151-50-2  | mg/kg   | 0.010 | ND |
| N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)                                     | 31506-32-8 | mg/kg   | 0.010 | ND |
| 2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)                          | 1691-99-2  | mg/kg   | 0.010 | ND |
| 2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)                         | 24448-09-7 | mg/kg   | 0.010 | ND |
| Perfluorooctane Sulfonamide (PFOSA), its salts <sup>^</sup>                          | 754-91-6   | mg/kg   | 0.010 | ND |
| Perfluorooctane sulfonamidoacetic Acid (FOSAA), its salts <sup>^</sup>               | 2806-24-8  | mg/kg   | 0.010 | ND |
| N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA), its salts <sup>^</sup> | 2355-31-9  | mg/kg   | 0.010 | ND |
| N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA), its salts <sup>^</sup>    | 2991-50-6  | mg/kg   | 0.010 | ND |
| Sum of PFOS-related compounds                                                        | -          | mg/kg   | -     | ND |
| <b>PFOA, its salts</b>                                                               |            |         |       |    |
| Perfluorooctanoic acid (PFOA), its salts <sup>^</sup>                                | 335-67-1   | mg/kg   | 0.010 | ND |

### Notes:

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

| Substances Name                                                                                                                                                                                   | CAS No.     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>PFOS, its salts &amp; derivatives</b>                                                                                                                                                          |             |
| 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-dimethyldecan-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepta-decafluorooctane-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(hepta-decafluorooctanesulphonate) (PFOS-Mg)                                                                                                                                         | 91036-71-4  |
| Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-hepta-decafluorooctanesulfonate                                                                                                                      | 71463-74-6  |



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## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 8 of 24

|                                                                                                                                                           |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Perfluorooctanesulfonate                                                                                                                                  | 45298-90-6   |
| Triethylammonium perfluorooctane sulfonate (PFOS-NH(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 heptadecafluorooctane-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 heptadecafluorooctane-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-Triethyldecane-1-aminium heptadecafluorooctane-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 heptadecafluorooctane-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     |
| Perfluoro-1-octanesulfonyl chloride (PFOS-Cl)                                                                                                             | 423-60-9     |
| <b>FOSAA, its salts</b>                                                                                                                                   |              |
| Perfluorooctane sulfonamidoacetic Acid (FOSAA)                                                                                                            | 2806-24-8    |
| N-[(Perfluorooctyl)sulfonyl]glycinate (FOSAA(anion))                                                                                                      | 909405-47-6  |
| N-[(Perfluorooctyl)sulfonyl]glycine potassium salt (1:1) (FOSAA-K)                                                                                        | 75260-69-4   |
| N-[(Perfluorooctyl)sulfonyl]glycine sodium salt (1:1) (FOSAA-Na)                                                                                          | 115716-87-5  |
| <b>N-MeFOSAA, its salts</b>                                                                                                                               |              |
| N-Methylperfluoro-1-octanesulfonamidoacetic Acid (N-MeFOSAA)                                                                                              | 2355-31-9    |
| 2-(N-Methylperfluorooctanesulfonamido)acetate (N-Me-FOSAA(anion))                                                                                         | 909405-48-7  |
| Potassium N-((heptadecafluorooctyl)sulphonyl)-N-methylglycinate (N-Me-FOSAA-K)                                                                            | 70281-93-5   |
| <b>N-EtFOSAA, its salts</b>                                                                                                                               |              |
| N-Ethylperfluorooctane sulfonamidoacetic Acid (N-EtFOSAA)                                                                                                 | 2991-50-6    |
| Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt (N-Et-FOSAA-K)                                                                       | 2991-51-7    |
| 2-(N-Ethyl-perfluorooctanesulfonamido)acetate (N-Et-FOSAA(anion))                                                                                         | 909405-49-8  |
| Ammonium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-NH <sub>4</sub> )                                                                       | 2991-52-8    |
| Sodium 2-(N-ethylperfluorooctanesulfonamido)acetate (N-Et-FOSAA-Na)                                                                                       | 3871-50-9    |
| <b>PFOSA, its salts</b>                                                                                                                                   |              |
| Perfluorooctane Sulfonamide (PFOSA)                                                                                                                       | 754-91-6     |
| Perfluorooctanesulfonamide lithium salt (1:1) (PFOSA-Li)                                                                                                  | 76752-79-9   |
| Perfluorooctanesulfonamide Sodium salt (1:1) (PFOSA-Na)                                                                                                   | 76752-78-8   |
| Perfluorooctanesulfonamide Potassium salt (1:1) (PFOSA-K)                                                                                                 | 76752-70-0   |
| Perfluorooctanesulfonamide Ammonium salt (1:1) (PFOSA-NH <sub>4</sub> )                                                                                   | 76752-72-2   |
| Heptadecafluorooctane-1-sulphonamide, compound with triethylamine (1:1) (PFOSA-C <sub>6</sub> H <sub>15</sub> N)                                          | 76752-82-4   |
| <b>PFOA, its salts &amp; derivatives</b>                                                                                                                  |              |
| Perfluorooctanoic acid (PFOA)                                                                                                                             | 335-67-1     |



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## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 9 of 24

|                                                                                                              |              |
|--------------------------------------------------------------------------------------------------------------|--------------|
| 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-pentadecafluoro-, chromium(3+) (PFOA-Cr(3+))                    | 68141-02-6   |
| 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  |
| Pentadecafluorooctanoyl chloride (PFOA-Cl)                                                                   | 335-64-8     |

This report updates Sample Photo.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

Page 10 of 24

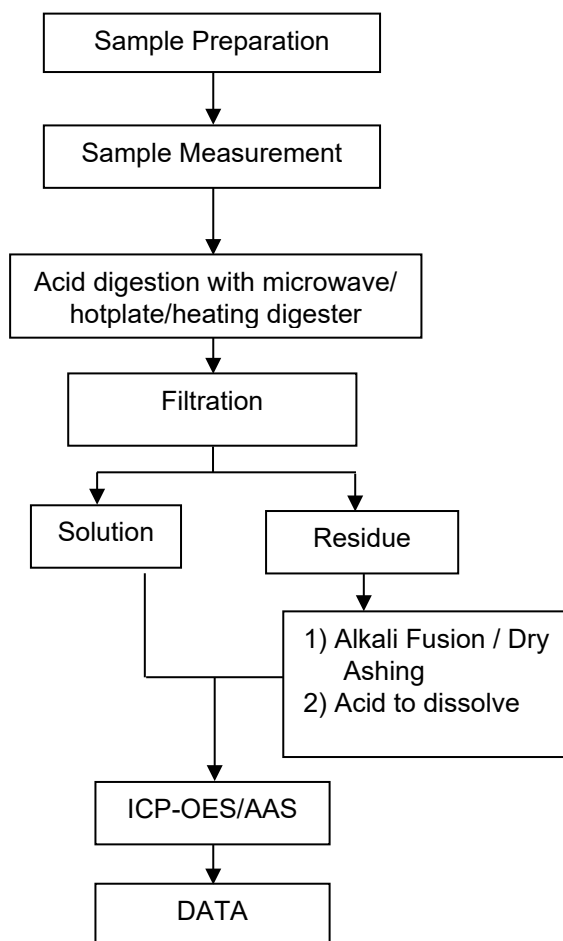
### ATTACHMENTS

#### Elements Testing Flow Chart

Name of the person who made testing: Meria Jin/Sielina Song

Name of the person in charge of testing: John Cheng

These samples of Pb/Cd/Hg were dissolved totally by pre-conditioning method according to below flow chart.



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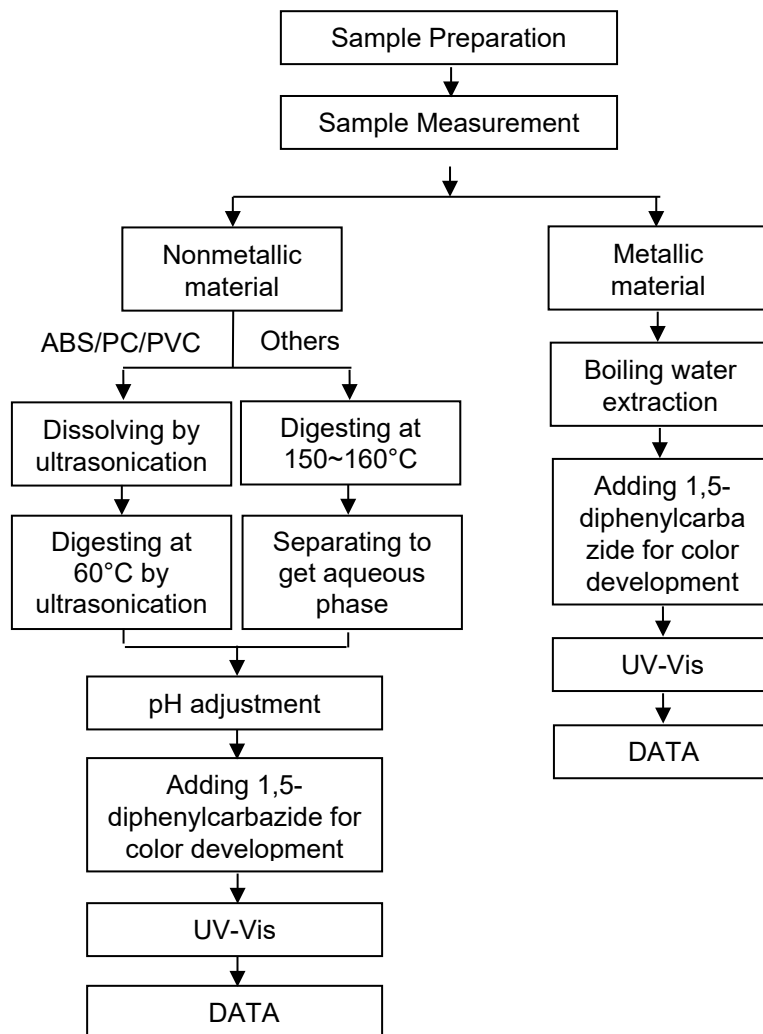
Page 11 of 24

### ATTACHMENTS

#### Hexavalent Chromium (Cr(VI)) Testing Flow Chart

Name of the person who made testing: Andy Zhang

Name of the person in charge of testing: Xiaolong Yang



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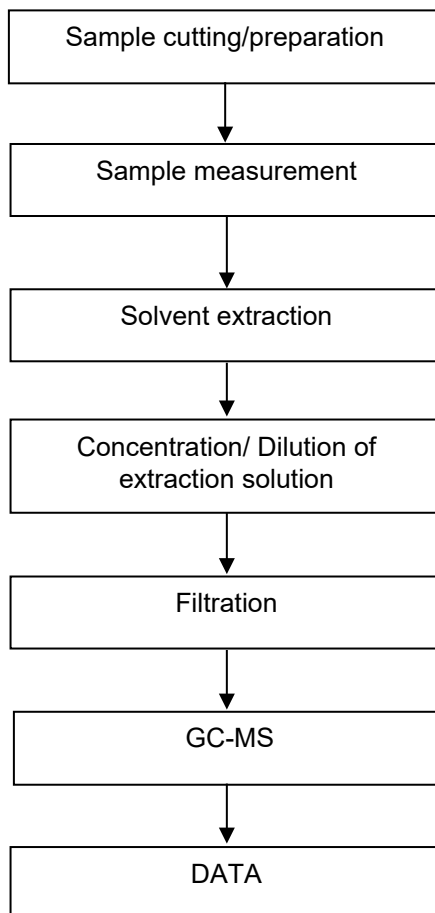
Page 12 of 24

### ATTACHMENTS

#### PBB(s)/PBDE(s) Testing Flow Chart

Name of the person who made testing: Gary Xu

Name of the person in charge of testing: Carol Cui



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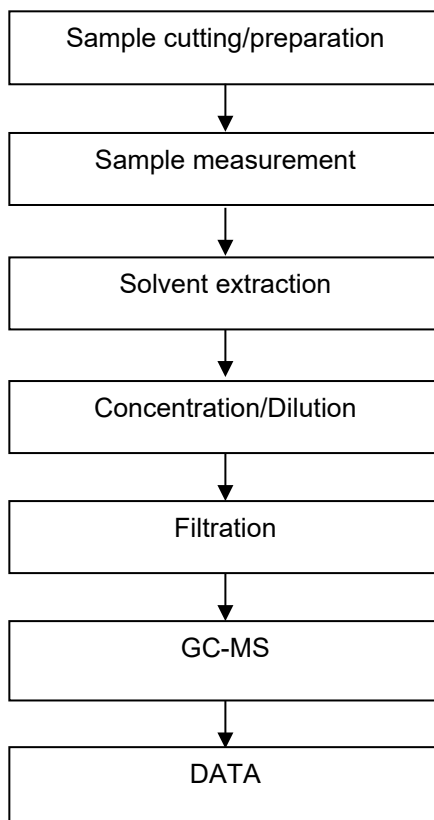
Page 13 of 24

### ATTACHMENTS

#### Phthalates Testing Flow Chart

Name of the person who made testing: xiaoqiang zhang

Name of the person in charge of testing: Carol Cui



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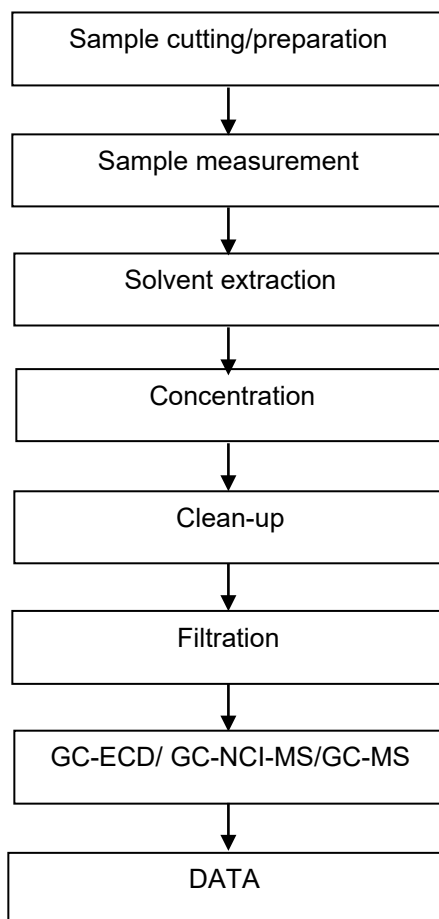
Page 14 of 24

## ATTACHMENTS

### Chlorinated Paraffin Testing Flow Chart

Name of the person who made testing: Stella Jiang

Name of the person in charge of testing: Mia Wang



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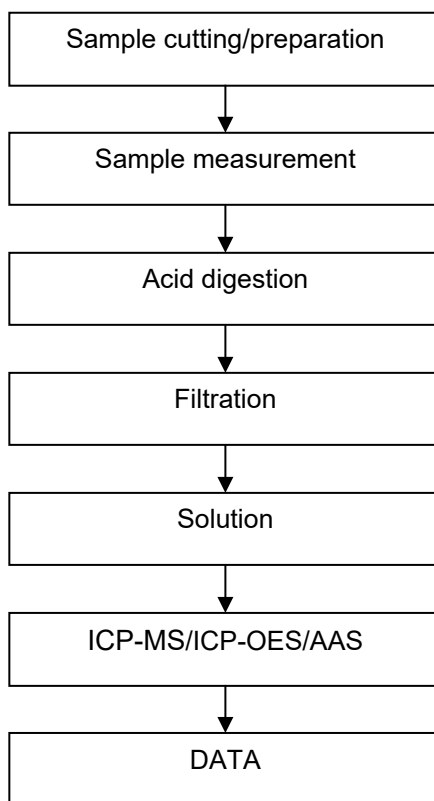
Page 15 of 24

## ATTACHMENTS

### Elements Testing Flow Chart

Name of the person who made testing: Meria Jin/Sielina Song

Name of the person in charge of testing: Carey Shan



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## Test Report

No.: SHAEC26012392801\_1

Date: May 21, 2026

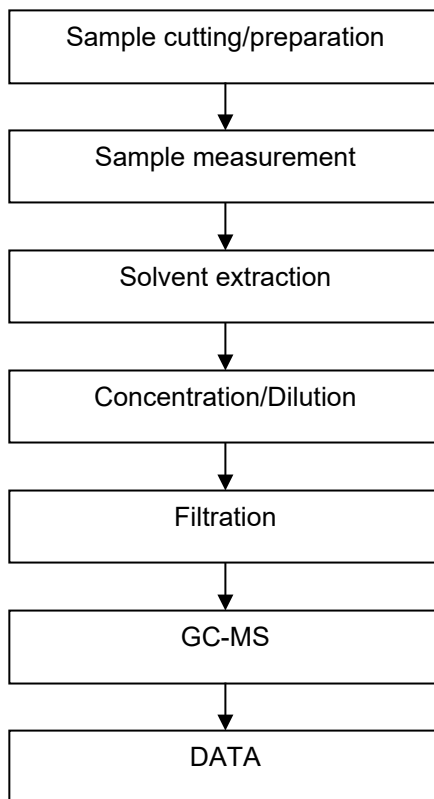
Page 16 of 24

### ATTACHMENTS

#### HBCDD Testing Flow Chart

Name of the person who made testing: Gary Xu

Name of the person in charge of testing: Carol Cui



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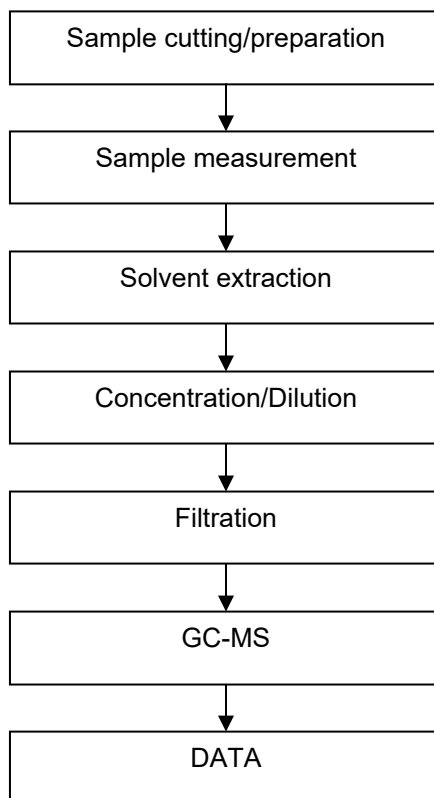
Page 17 of 24

## ATTACHMENTS

### PCB Testing Flow Chart

Name of the person who made testing: Stella Jiang

Name of the person in charge of testing: Mia Wang



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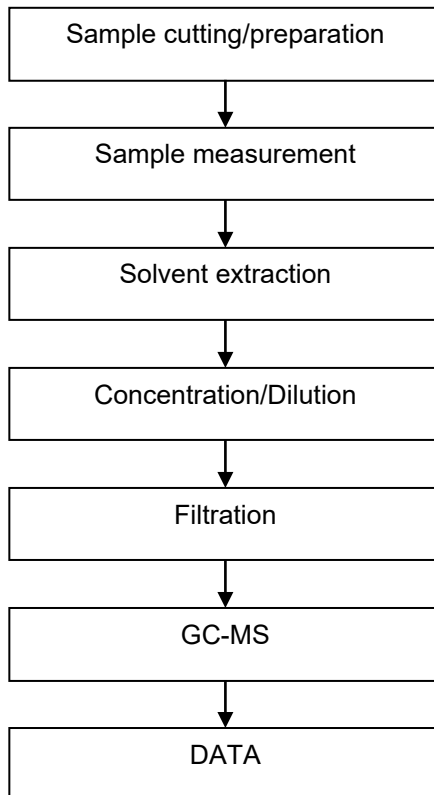
Page 18 of 24

## ATTACHMENTS

### PCN Testing Flow Chart

Name of the person who made testing: Stella Jiang

Name of the person in charge of testing: Mia Wang



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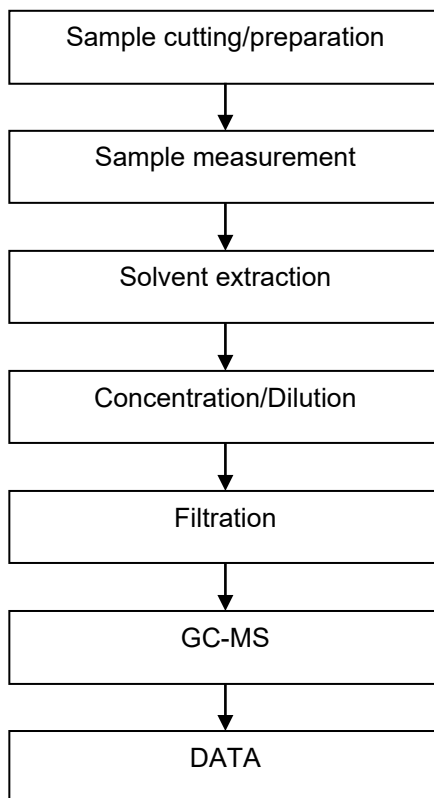
Page 19 of 24

## ATTACHMENTS

### PCT Testing Flow Chart

Name of the person who made testing: Stella Jiang

Name of the person in charge of testing: Mia Wang



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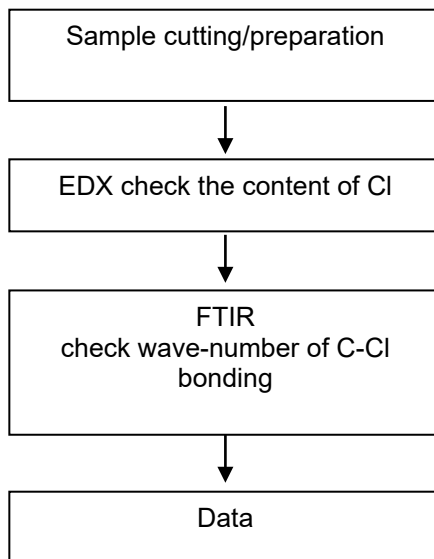
Page 20 of 24

## ATTACHMENTS

### PVC Testing Flow Chart

Name of the person who made testing: West Xu

Name of the person in charge of testing: Janice Zhang



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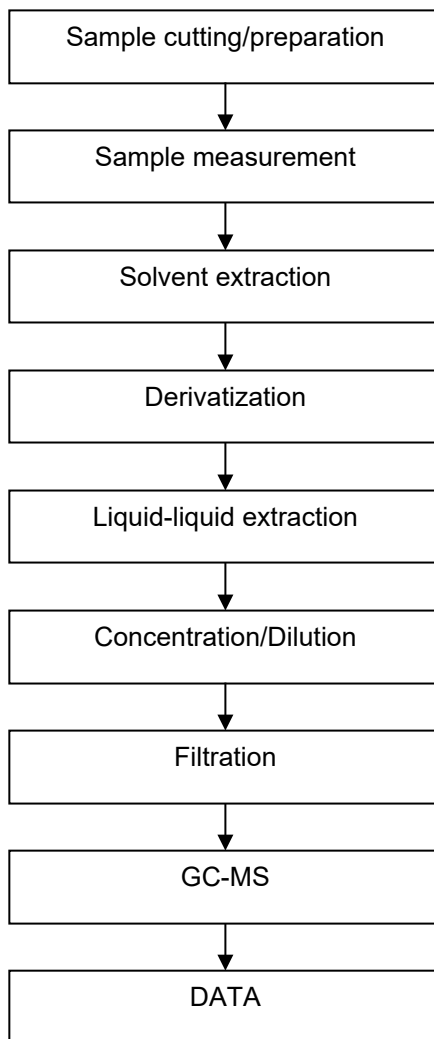
Page 21 of 24

### ATTACHMENTS

#### Organotin Testing Flow Chart

Name of the person who made testing: Yuki liu

Name of the person in charge of testing: Fiona Yang



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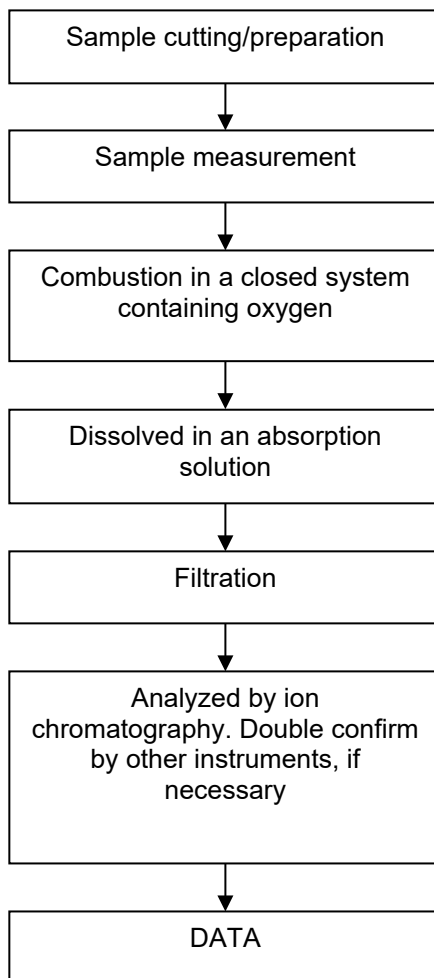
Page 22 of 24

### ATTACHMENTS

#### Halogen Testing Flow Chart

Name of the person who made testing: Andy Zhang

Name of the person in charge of testing: Jinjing Sun



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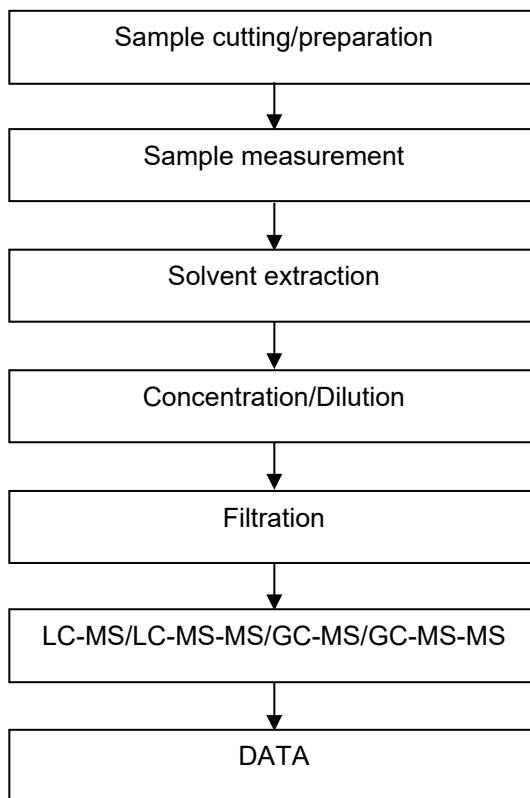
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## ATTACHMENTS

### PFASs/ PFOS/PFOA Testing Flow Chart

Name of the person who made testing: Ance Chen

Name of the person in charge of testing: Liyas Wang



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Page 24 of 24

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