

Test Report

No.: NGBEC25004675009

Date: Jul 25, 2025

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Client Name: KONFOONG MATERIALS INTERNATIONAL CO.,LTD(KFMI)

Client Address: NO.198 ANSHAN RD, MINGBANG TECH.&INDUSTRY PARK, YUYAO, ZHEJIANG, P.R.C

Sample Name: Ti

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

SGS Job No.: NBP25-005566

Sample Receiving Date: Jul 18, 2025

Testing Period: Jul 18, 2025 ~ Jul 25, 2025

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 |
|---|-------------|
| Flame Retardants | See Results |
| Halogen | See Results |
| Polyvinyl chloride (PVC) | See Results |
| European Regulation POPs (EU) 2023/1608 amending Regulation (EU) 2019/1021 Annex I-PFHxS, its salts and PFHxS related compounds | Pass |
| Elements | See Results |
| Perfluorinated Compounds(PFCs) | See Results |
| Phthalates | See Results |
| EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutylphthalate (DIBP) | Pass |

Signed for and on behalf of

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

May Zhang

May Zhang

Approved Signatory

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Test Result(s):

Test Part Description:

| SN ID | Sample No. | SGS Sample ID | Description |
|-------|------------|-------------------------|-------------|
| SN1 | A5 | NGB25-0046750-0001.C005 | Gray metal |

Remarks:

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

Flame Retardants

Test Method: With reference to US EPA 3550C:2007 and US EPA 8270E:2018, analysis was performed by GC-MS/HPLC-DAD-MS.

| Test Item(s) | CAS No. | Unit(s) | MDL | A5 |
|--------------------------------|--|---------|-----|----|
| Hexabromocyclododecane (HBCDD) | 134237-50-6 /134237-51-7 /134237-52-8 /25637-99-4 /3194-55-6 | mg/kg | 5 | ND |

Halogen

Test Method: With reference to IEC 62321-3-2:2020.

| Test Item(s) | CAS No. | Unit(s) | MDL | A5 |
|---------------|------------|---------|-----|----|
| Fluorine (F) | 14762-94-8 | mg/kg | 10 | ND |
| Chlorine (Cl) | 22537-15-1 | mg/kg | 10 | ND |
| Bromine (Br) | 10097-32-2 | mg/kg | 10 | ND |
| Iodine (I) | 14362-44-8 | mg/kg | 10 | ND |

Polyvinyl chloride (PVC)

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

| Test Item(s) | A5 |
|--------------------------|----------|
| Polyvinyl chloride (PVC) | Negative |

Notes:

- (1) Negative=Undetectable, Positive=Detectable
- (2) The test was subcontracted to SGS Shanghai chemical lab.

European Regulation POPs (EU) 2023/1608 amending Regulation (EU) 2019/1021 Annex I-PFHxS, its salts and PFHxS related compounds



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

| Test Item(s) | CAS No. | Limit | Unit(s) | MDL | A5 |
|---|------------|-------|---------|-------|-------------|
| PFHxS, its salts | | | | | |
| Perfluorohexanesulfonic acid (PFHxS), its salts [^] | 355-46-4 | 0.025 | mg/kg | 0.010 | ND |
| PFHxS-related compounds | | | | | |
| N-Methylperfluoro-1-hexanesulfonamide (N-Me-PFHxSA) | 68259-15-4 | 1 | mg/kg | 0.010 | ND |
| Perfluorohexane sulfonamide (PFHxSA) | 41997-13-1 | 1 | mg/kg | 0.010 | ND |
| N-[3-(dimethylamino)propyl]tridecafluorohexanesulphonamide (N-AP-FHxSA) | 50598-28-2 | 1 | mg/kg | 0.010 | ND |
| 2-[methyl[(tridecafluorohexyl)sulphonyl]amino]ethyl acrylate)) (N-MeFHSEA) | 67584-57-0 | 1 | mg/kg | 0.200 | ND |
| 2-Propenoic acid, 2-methyl-, 2-[methyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester | 67584-61-6 | 1 | mg/kg | 0.200 | ND |
| 2-Propenoic acid, 2-methyl-, 2-[ethyl[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl]amino]ethyl ester | 67906-70-1 | 1 | mg/kg | 0.200 | ND |
| 1-Hexanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-N-(2-hydroxyethyl)-N-methyl-(MeFHxSE) | 68555-75-9 | 1 | mg/kg | 0.010 | ND |
| Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl] (EtFHxSAA), its salts [^] | 68957-32-4 | 1 | mg/kg | 0.010 | ND |
| Sum of PFHxS-related compounds | - | 1 | mg/kg | - | ND |
| Conclusion | | | | | Pass |

Notes:

- (1) Commission Delegated Regulation (EU) 2023/1608 of May 30, 2023, amending Regulation (EU) 2019/1021 Annex I as regard the listing of perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds, Official Journal of the EU, August 8, 2023.

| Substance | Scope | Specific exemption on intermediate use or other specification |
|--|----------------------------------|--|
| PFHxS and its salts | Substances, mixtures or articles | ≤ 0.025 mg/kg |
| PFHxS-related compounds | Substances, mixtures or articles | ≤ 1 mg/kg (individual or sum of all) |
| PFHxS, its salts and PFHxS-related compounds | Concentrated firefighting foam | ≤ 0.1 mg/kg (to be reviewed within three years after entry into force of this amending regulation with a view to |



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| | lower the limit) |
|--|------------------|

- (2) The tested perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds refer to the "Listed under the POPs Regulation" of ECHA, please find more information via below weblink:
<https://echa.europa.eu/list-of-substances-proposed-as-pops>

- (3) ^=Substances refer to its salts/derivative listed in below table

| PFHxS, its salts & derivatives | |
|---|--------------|
| 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-tridecafluoro-, lithium salt (1:1) (PFHxS-Li) | 55120-77-9 |
| Ammonium perfluorohexane-1-sulphonate (PFHxS-NH ₄) | 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 ₄ H ₉) ₄) | 108427-54-9 |
| N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate(PFHxS-N(C ₂ H ₅) ₄) | 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 ₄ H ₉) | 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 ₁₀ H ₁₄) ₃ C ₅ H ₄) | 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 ₈ H ₁₀) ₂ C ₁₃ H ₁₂) | 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 ₈ H ₁₀) ₂ C ₁₇ H ₁₂) | 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 ₄₂ H ₇₀ O ₃₅) | 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 ₄₈ H ₈₀ O ₄₀) | 1329995-69-8 |
| 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-[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 ₄₄ H ₃₇ N ₂ O ₂) | 1462414-59-0 |



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|--|--------------|
| 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 ₂₈ H ₃₁ O ₄) | |
| 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 ^{3,7}]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 ^{3,7}]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 ₄ H ₉) ₄)) | 2310194-12-6 |
| EtFHxSAA, its salts | |
| Glycine, N-ethyl-N-[(1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexyl)sulfonyl] (EtFHxSAA) | 68957-32-4 |
| Potassium N-ethyl-n-[(tridecafluorohexyl)sulfonyl]glycinate (EtFHxSAA- K) | 67584-53-6 |
| Sodium N-ethyl-N-((tridecafluorohexyl)sulphonyl)glycinate (EtFHxSAA- Na) | 68555-70-4 |

(4) The conclusion is only applicable to the substance list in the report.

Elements

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

| Test Item(s) | CAS No. | Unit(s) | MDL | A5 |
|---------------|-----------|---------|-----|----|
| Arsenic(As) | 7440-38-2 | mg/kg | 10 | ND |
| Barium(Ba) | 7440-39-3 | mg/kg | 10 | ND |
| Beryllium(Be) | 7440-86-3 | mg/kg | 5 | ND |
| Antimony(Sb) | 7440-36-0 | mg/kg | 10 | ND |
| Selenium(Se) | 7782-49-2 | mg/kg | 10 | ND |

Perfluorinated Compounds(PFCs)

Test Method: With reference to Modified EN 17681-1:2022, analysis was performed by HPLC-MS or LC-MS/MS.

| Test Item(s) | CAS No. | Unit(s) | MDL | A5 |
|--|-----------|---------|------|----|
| Perfluorooctane sulfonates (PFOS) [^] | 1763-23-1 | mg/kg | 0.01 | ND |
| Perfluorooctanoic acid (PFOA) [^] | - | mg/kg | 0.01 | ND |

Notes:

(1) [^]=Substances refer to its salts/derivative listed in below table.



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|--|--------------|
| PFOS, its salts & derivatives | |
| 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 ₄) | 29081-56-9 |
| Perfluorooctane sulfonate diethanolamine salt (PFOS-NH ₂ (C ₂ H ₄ OH) ₂) | 70225-14-8 |
| Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C ₂ H ₅) ₄) | 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-heptadecafluorooctane-1-sulfonate (PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂) | 251099-16-8 |
| TetrabutylAmmonium perfluorooctanesulfonate (PFOS-N(C ₄ H ₉) ₄) | 111873-33-7 |
| Perfluorooctane Sulfonyl fluoride (PFOS-F) | 307-35-7 |
| Magnesium bis(heptadecafluorooctanesulphonate) (PFOS-Mg) | 91036-71-4 |
| Piperidine 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctanesulfonate | 71463-74-6 |
| Perfluorooctanesulfonate | 45298-90-6 |
| Triethylammonium perfluorooctane sulfonate (PFOS-N(C ₂ H ₅) ₃) | 54439-46-2 |
| Tetramethylammonium perfluorooctane sulfonate (PFOS-N(CH ₃) ₄) | 56773-44-5 |
| N,N,N-Tripropylpentan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-N(C ₃ H ₇) ₃ (C ₅ H ₁₁)) | 56773-56-9 |
| N,N-Dibutyl-N-methylbutan-1-aminium heptadecafluorooctane-1-sulfonate (PFOS-N(C ₄ H ₉) ₃ (CH ₃)) | 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 heptadecafluorooctane-1-sulfonate | 773895-92-4 |
| Tetrabutylphosphonium perfluorooctane sulfonate (PFOS-P (C ₄ H ₉) ₄) | 2185049-59-4 |
| Perfluorooctanesulfonic acid diethylamine salt (PFOS-C ₄ H ₁₁ N) | 2205029-08-7 |
| heptyldimethyl{2-[(2-methylprop-2-enoyl)oxy]ethyl}azanium heptadecafluorooctane-1-sulfonate (PFOS-C ₁₅ H ₃₀ NO ₂) | 1203998-97-3 |
| Perfluorooctane sulfonic anhydride (PFOSAN) | 423-92-7 |
| PFOA, its salts & derivatives | |
| 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 |



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|--|--------------|
| 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 ₄ H ₁₀ 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 ₂ O) ₂) | 98065-31-7 |
| Perfluorooctanoic acid compd. with ethanamine (1:1) (PFOA-C ₂ H ₇ N) | 1376936-03-6 |
| Pentadecafluorooctanoic acid--pyridine (1/1) (PFOA-C ₅ H ₅ N) | 95658-47-2 |
| pentadecafluorooctanoic acid- 1-phenylpiperazine(1:1) (PFOA-C ₁₀ H ₁₄ N ₂) | 1514-68-7 |
| N,N,N-Trimethyloctan-1-aminium pentadecafluorooctanoate (PFOA-C ₁₁ H ₂₆ N) | 927835-01-6 |

Phthalates

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

| Test Item(s) | CAS No. | Unit(s) | MDL | A5 |
|-----------------------------|---------------------------|---------|-------|----|
| Diisononyl Phthalate (DINP) | 28553-12-0 /68515-48-0 | % | 0.01 | ND |
| Di-n-Octyl Phthalate(DNOP) | 117-84-0 | % | 0.003 | ND |
| Diisodecyl Phthalate (DIDP) | 26761-40-0 /68515-49-1 | % | 0.01 | ND |
| Di-n-Hexyl Phthalate(DnHP) | 84-75-3 | % | 0.003 | ND |

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutylphthalate (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 IEC62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

| Test Item(s) | CAS No. | Limit | Unit(s) | MDL | A5 |
|-------------------------------|-------------|-------|--------------------|------|----|
| Cadmium(Cd) | 7440-43-9 | 100 | mg/kg | 2 | ND |
| Lead(Pb) | 7439-92-1 | 1000 | mg/kg | 2 | ND |
| Mercury(Hg) | 7439-97-6 | 1000 | mg/kg | 2 | ND |
| Hexavalent Chromium (Cr(VI))▼ | - | - | µg/cm ² | 0.10 | ND |
| Polybromobiphenyl (PBBs) | - | 1000 | mg/kg | - | ND |
| Monobromobiphenyl (MonoBB) | 002113-57-7 | - | mg/kg | 5 | ND |
| Dibromobiphenyl (DiBB) | 000092-86-4 | - | mg/kg | 5 | ND |
| Tribromobiphenyl (TriBB) | 059080-33-0 | - | mg/kg | 5 | ND |



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| Test Item(s) | CAS No. | Limit | Unit(s) | MDL | A5 |
|------------------------------------|-------------|-------|---------|-----|-------------|
| Tetrabromobiphenyl (TetraBB) | 060044-24-8 | - | mg/kg | 5 | ND |
| Pentabromobiphenyl (PentaBB) | 059080-39-6 | - | mg/kg | 5 | ND |
| Hexabromobiphenyl (HexaBB) | 059080-40-9 | - | mg/kg | 5 | ND |
| Heptabromobiphenyl (HeptaBB) | 067733-52-2 | - | mg/kg | 5 | ND |
| Octabromobiphenyl (OctaBB) | 027858-07-7 | - | mg/kg | 5 | ND |
| Nonabromobiphenyl (NonaBB) | 069278-62-2 | - | mg/kg | 5 | ND |
| Decabromobiphenyl (DecaBB) | 013654-09-6 | - | mg/kg | 5 | ND |
| Polybromodiphenyl ether(PBDEs) | - | 1000 | mg/kg | - | ND |
| Monobromodiphenylether (MonoBDE) | 101-55-3 | - | mg/kg | 5 | ND |
| Dibromodiphenylether (DiBDE) | 2050-47-7 | - | mg/kg | 5 | ND |
| Tribromodiphenylether (TriBDE) | 147217-80-9 | - | mg/kg | 5 | ND |
| Tetrabromodiphenylether (TetraBDE) | 93703-48-1 | - | mg/kg | 5 | ND |
| Pentabromodiphenylether (PentaBDE) | - | - | mg/kg | 5 | ND |
| Hexabromodiphenylether (HexaBDE) | 182677-28-7 | - | mg/kg | 5 | ND |
| Heptabromodiphenylether (HeptaBDE) | 189084-67-1 | - | mg/kg | 5 | ND |
| Octabromodiphenylether (OctaBDE) | 337513-72-1 | - | mg/kg | 5 | ND |
| Nonabromodiphenylether (NonaBDE) | 63387-28-0 | - | mg/kg | 5 | ND |
| Decabromodiphenylether (DecaBDE) | 1163-19-5 | - | mg/kg | 5 | ND |
| Dibutyl Phthalate(DBP) | 84-74-2 | 1000 | mg/kg | 50 | ND |
| Bis-(2-ethylhexyl) Phthalate(DEHP) | 117-81-7 | 1000 | mg/kg | 50 | ND |
| Benzyl Butyl Phthalate(BBP) | 85-68-7 | 1000 | mg/kg | 50 | ND |
| Diisobutyl Phthalate(DIBP) | 84-69-5 | 1000 | mg/kg | 50 | ND |
| Conclusion | | | | | Pass |

Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) ▽ =
 - a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI).
 - b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating.
 - c. The result between 0.10 µg/cm² and 0.13 µg/cm² 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.

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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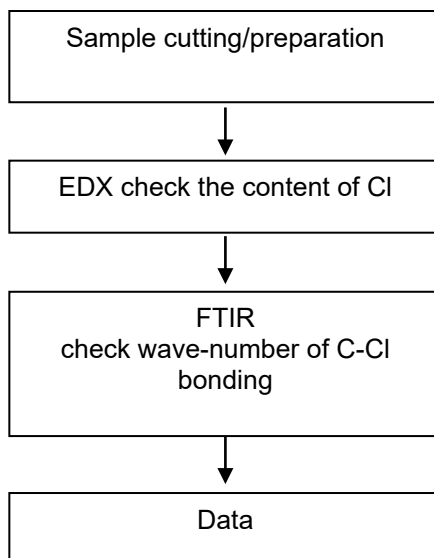
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PVC Testing Flow Chart



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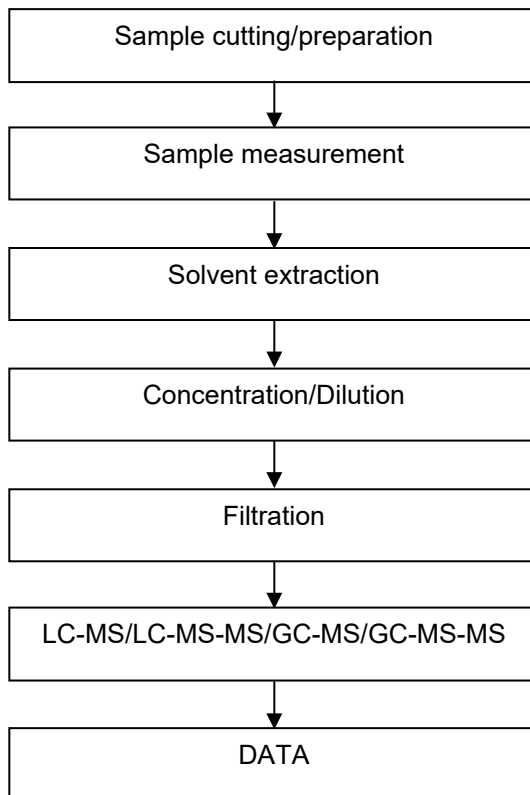
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PFASs/ PFOS/PFOA Testing Flow Chart



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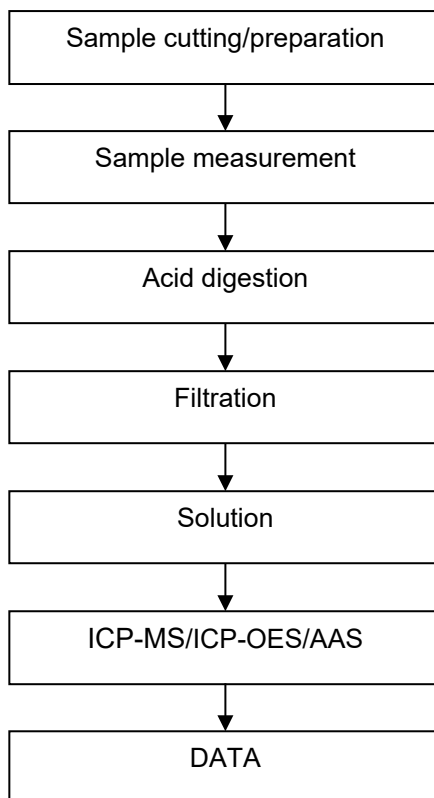
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Elements Testing Flow Chart



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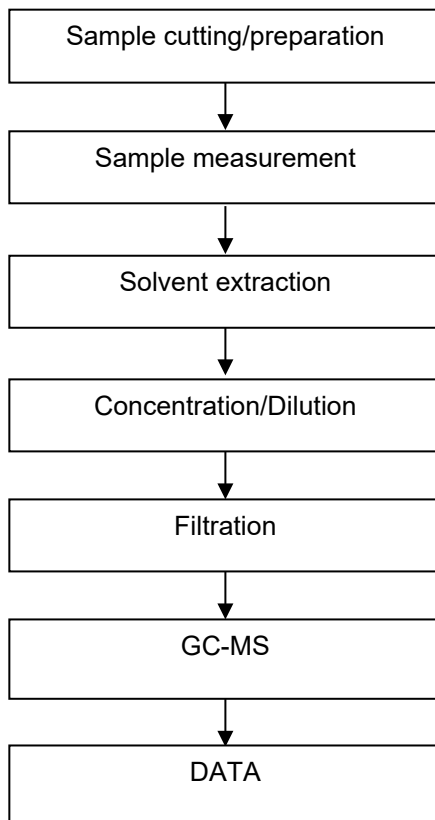
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Phthalates Testing Flow Chart



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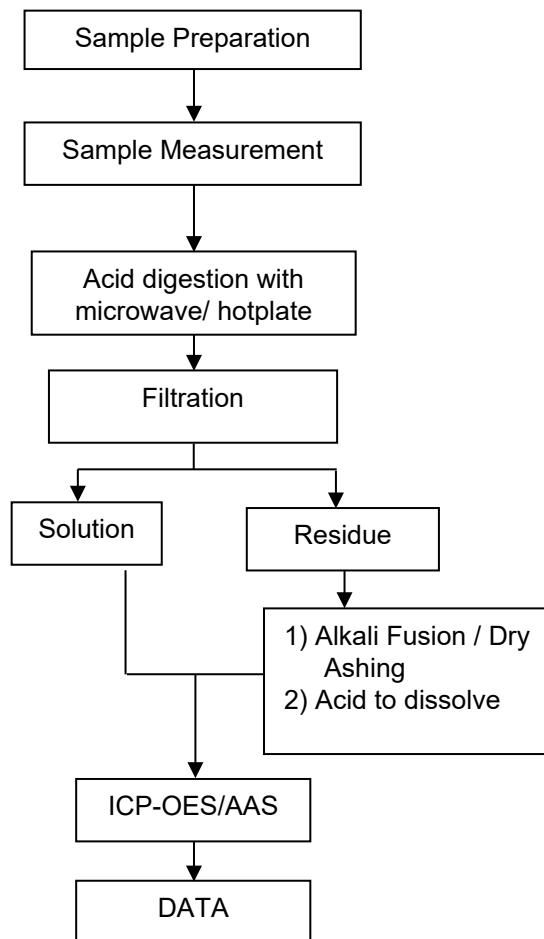
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Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.



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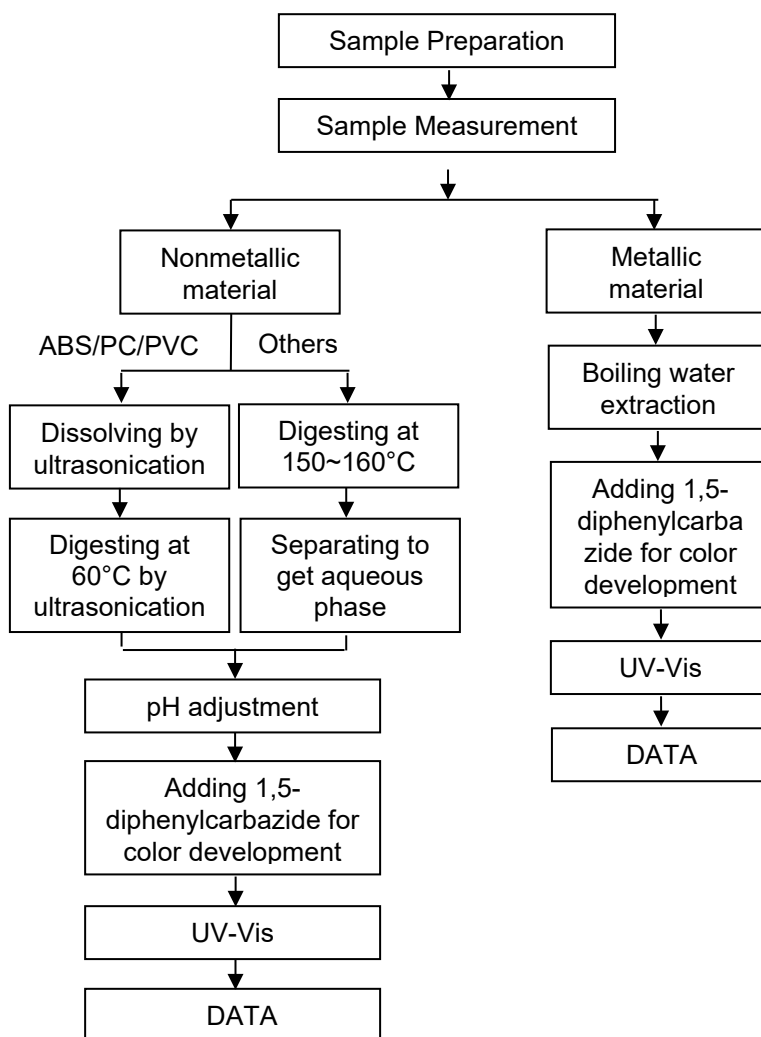
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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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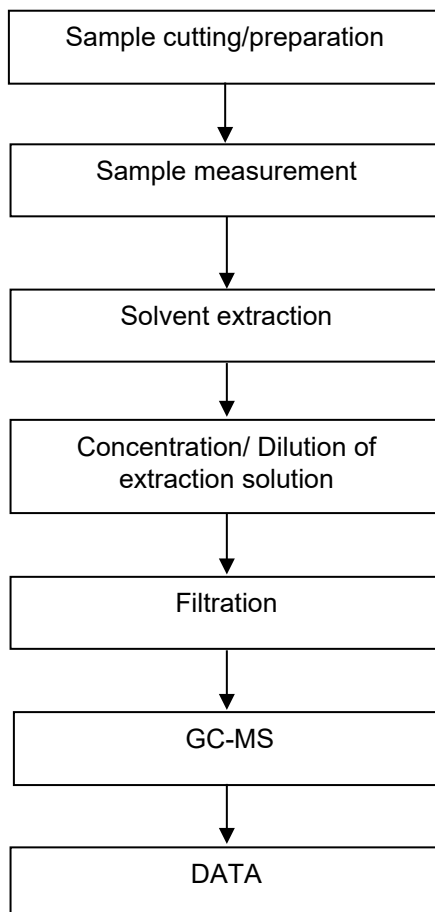
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PBB/PBDE Testing Flow Chart



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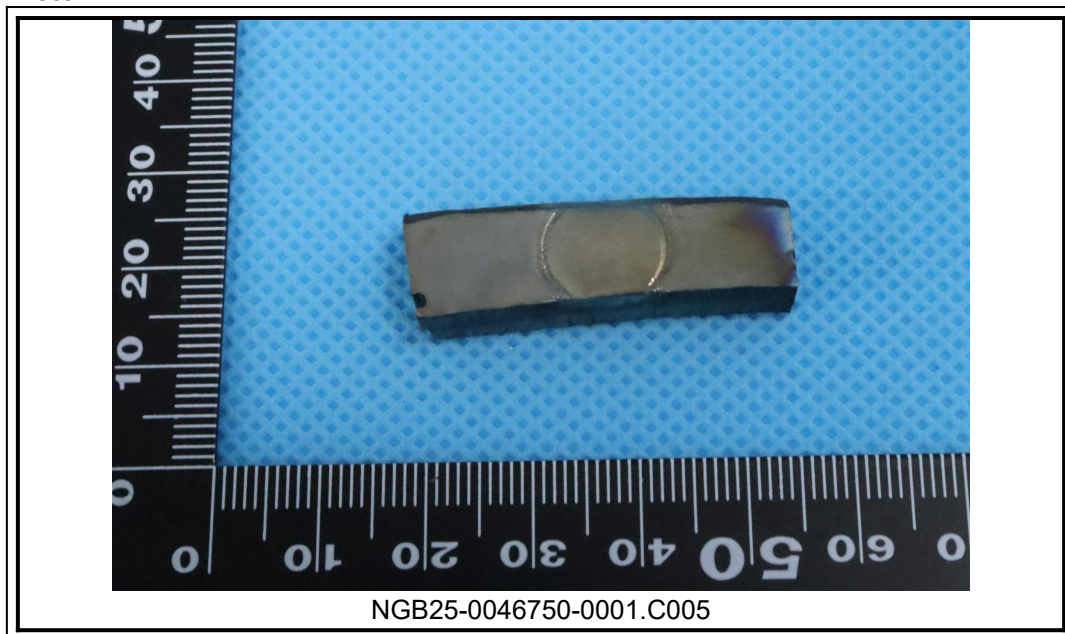
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