

# Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

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Client Name: JCET SEMICONDUCTOR (SUQIAN) CO., LTD.

Client Address: NO.5 PU TUOSHAN RD.SUZHOU SUQIAN INDUSTRIAL PARK,SUQIAN JIANGSU,CHINA

Sample Name: SOT Green

Client Ref. Information: Include FTSOT-23-5L/6L,TSOT-23-5/6/8L,SOT-23-5L(FC),TSOT-23-6/8L(FC),SOT-553/563(FC),TSOT-23-3/5/6L(FC)

Composition: Silvery Metal Part Black Plastic Part

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

SGS Job No.: SHP23-018300

Sample Receiving Date: Nov 09, 2023

Testing Period: Nov 09, 2023 ~ Nov 15, 2023

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 (PBBs), Polybrominated diphenyl ethers (PBDEs), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) | Pass        |
| Element(s)                                                                                                                                                                                                                                                                                                                 | See Results |
| Halogen                                                                                                                                                                                                                                                                                                                    | See Results |
| Hexabromocyclododecane (HBCDD)                                                                                                                                                                                                                                                                                             | See Results |
| Phthalates                                                                                                                                                                                                                                                                                                                 | See Results |
| Perfluorooctane Sulfonates (PFOS) and its derivatives and Perfluorooctanoic Acid (PFOA) and its salts                                                                                                                                                                                                                      | See Results |
| Polycyclic Aromatic Hydrocarbons (PAHs)                                                                                                                                                                                                                                                                                    | See Results |

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

Annie Liu

Annie Liu  
Approved Signatory

scan to see the report





Test Result(s):

Test Part Description

| SN ID | Sample No. | SGS Sample ID           | Description                       |
|-------|------------|-------------------------|-----------------------------------|
| SN1   | A1         | SHA23-0186008-0001.C001 | Black noumenon with silvery metal |

Remarks:

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



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| Test Item(s)               | CAS No.  | Unit(s) | MDL | A1 |
|----------------------------|----------|---------|-----|----|
| Di-n-Hexyl Phthalate(DnHP) | 84-75-3  | mg/kg   | 50  | ND |
| Dipentyl Phthalate         | 131-18-0 | mg/kg   | 50  | ND |

### **Perfluorooctane Sulfonates (PFOS) and its derivatives and Perfluorooctanoic Acid (PFOA) and its salts**

Test Method: With reference to CEN/TS 15968:2010, analysis was performed by HPLC-MS or LC-MS/MS.

| Test Item(s)                                                 | CAS No.    | Unit(s) | MDL   | A1 |
|--------------------------------------------------------------|------------|---------|-------|----|
| PFOS and its derivatives                                     | -          | mg/kg   | -     | ND |
| Perfluorooctane Sulfonates (PFOS) and its salts*             | 1763-23-1  | mg/kg   | 0.010 | ND |
| 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-                                      |            |         |       |    |



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| Test Item(s) | CAS No. | Unit(s) | MDL |
|--------------|---------|---------|-----|
|--------------|---------|---------|-----|





|                                    |                              |                           |              |
|------------------------------------|------------------------------|---------------------------|--------------|
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| Benzo(k)fluoranthene<br>(BkF)mg/kg | < 0.2                        | < 0.2                     | < 0.5        |



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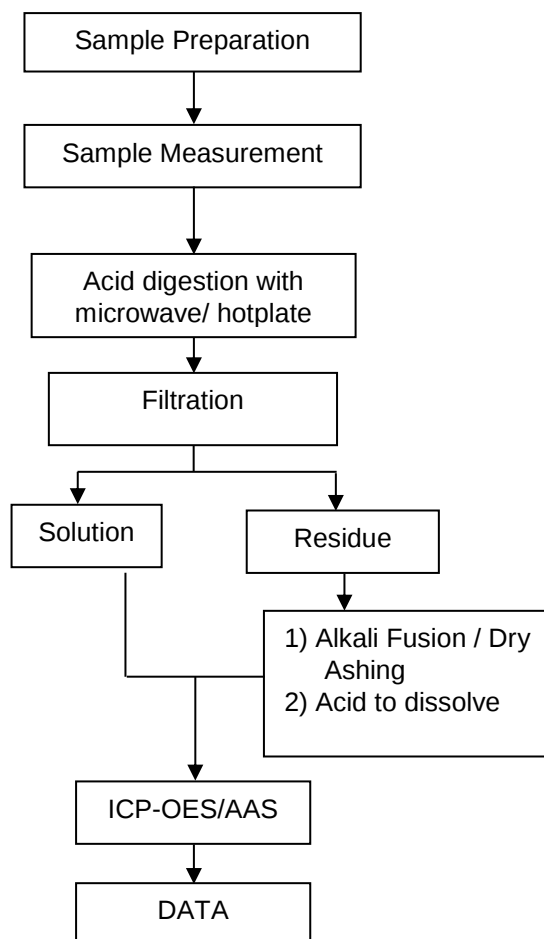
### ATTACHMENTS

#### Elements Testing Flow Chart

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

Name of the person in charge of testing: Luna Xu/Bob Zhang

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



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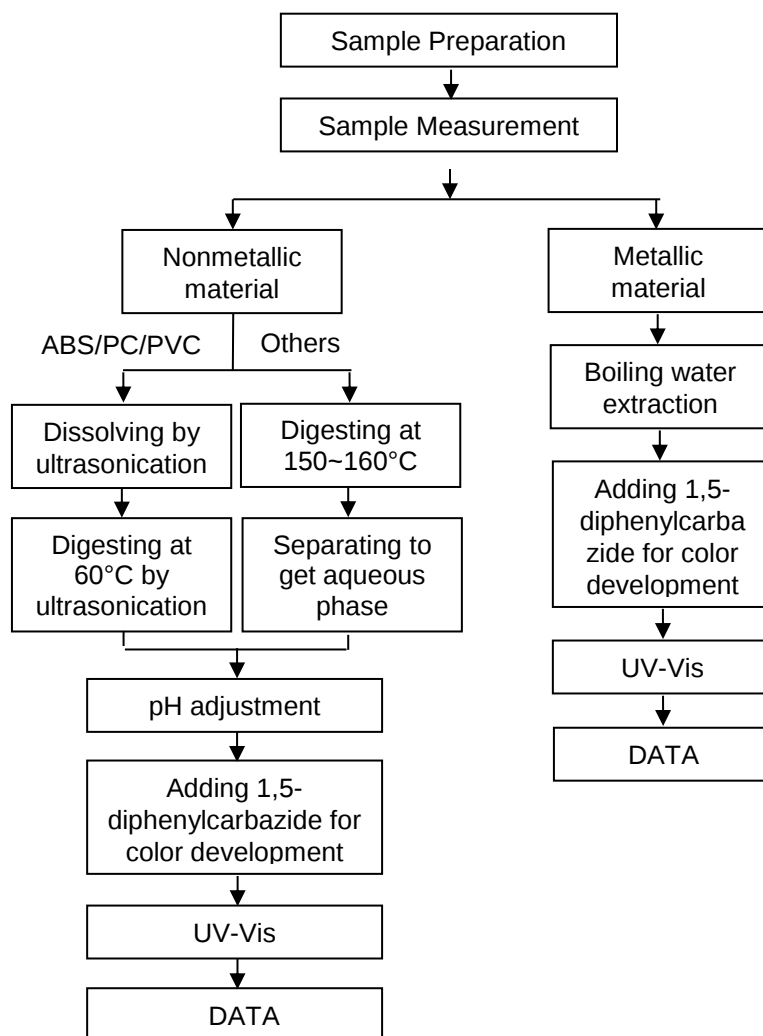
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### ATTACHMENTS

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

Name of the person who made testing: Alex Wang

Name of the person in charge of testing: Xiaolong Yang



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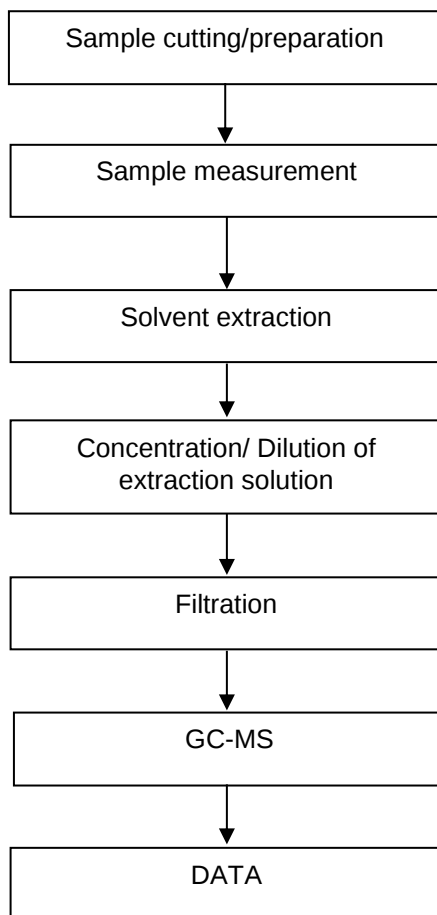
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## ATTACHMENTS

## PBBs/PBDEs Testing Flow Chart

Name of the person who made testing: Lucky Liu

Name of the person in charge of testing: Sherry Shi





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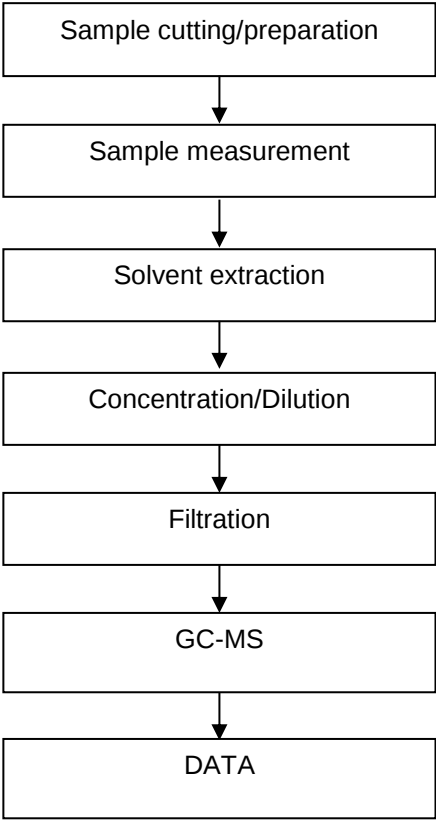
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ATTACHMENTS

Phthalates Testing Flow Chart

Name of the person who made testing: Lucky Liu  
Name of the person in charge of testing: Sherry Shi





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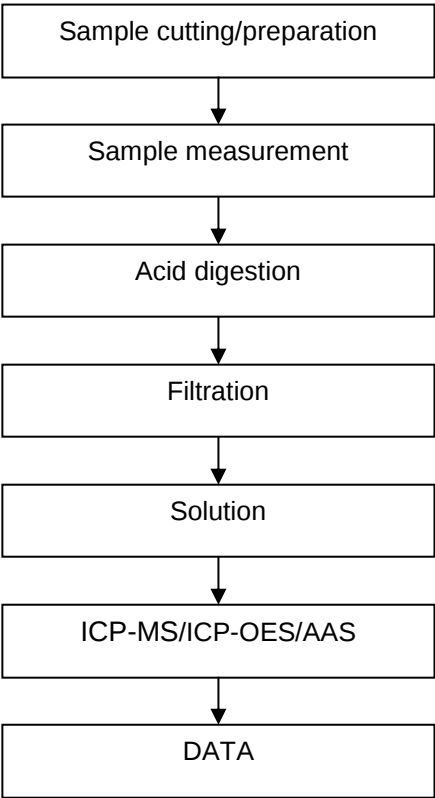
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Elements Testing Flow Chart

Name of the person who made testing: Meria Jin/Sielina Song  
Name of the person in charge of testing: Luna Xu/Bob Zhang



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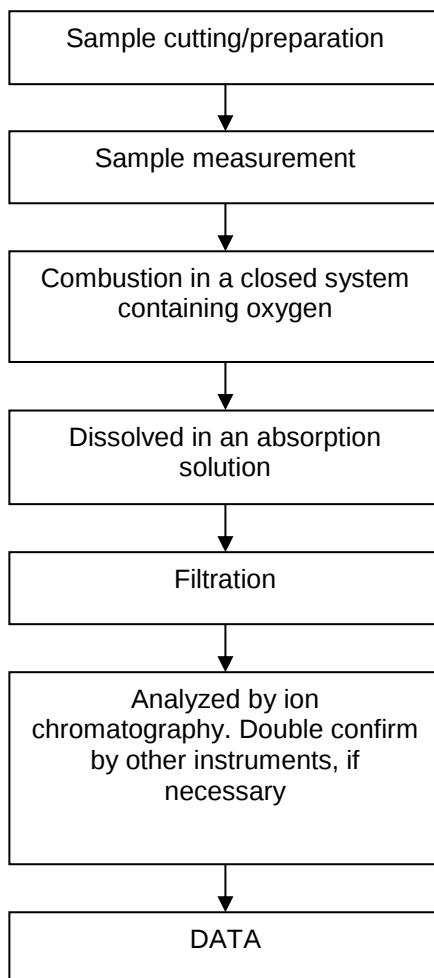
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## ATTACHMENTS

## Halogen Testing Flow Chart

Name of the person who made testing: Andy Zhang

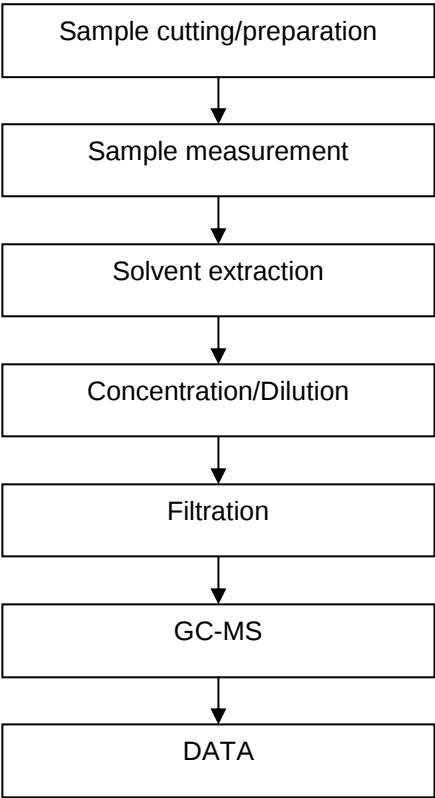
Name of the person in charge of testing: Allen Chen



ATTACHMENTS

HBCDD Testing Flow Chart

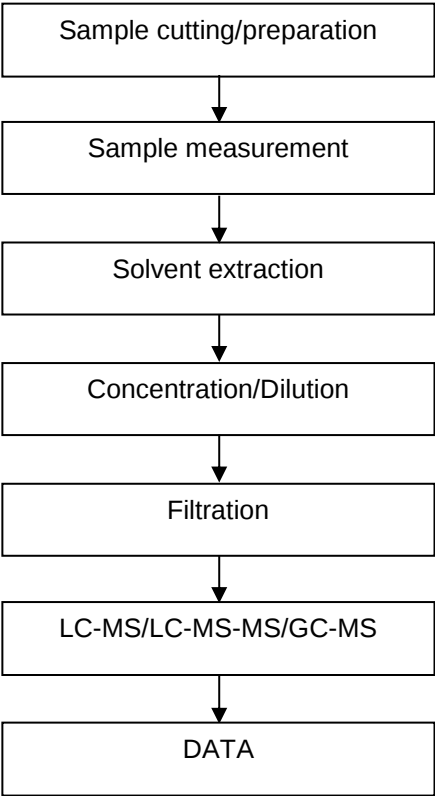
Name of the person who made testing: Lucky Liu  
Name of the person in charge of testing: Sherry Shi





PFASs/ PFOS/PFOA Testing Flow Chart

Name of the person who made testing: Richer Yu  
Name of the person in charge of testing: Richer Yu

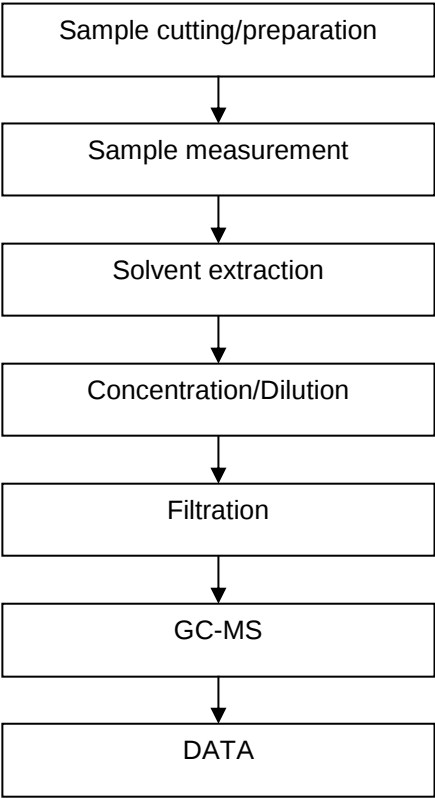




ATTACHMENTS

PAHs Testing Flow Chart

Name of the person who made testing: Nina Fang  
Name of the person in charge of testing: Liyas Wang



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Sample Photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*