

Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

Page 1 of 16

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 Report

No.: SHAEC23018600801

Date: Nov 15, 2023

Page 2 of 16

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) “-“ = “ = ”



Test Report

No.: SHAEC23018600801

Date: Nov 15,

Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

Page 4 of 16

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-				



Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

Page 5 of 16

Test Item(s)	CAS No.	Unit(s)	MDL
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Test Report	No.: SHAEC23018600801	Date: Nov 15, 2023	Page 6 of 16
Benzo(k)fluoranthene (BkF)mg/kg	< 0.2	< 0.2	< 0.5



Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

Page 7 of 16

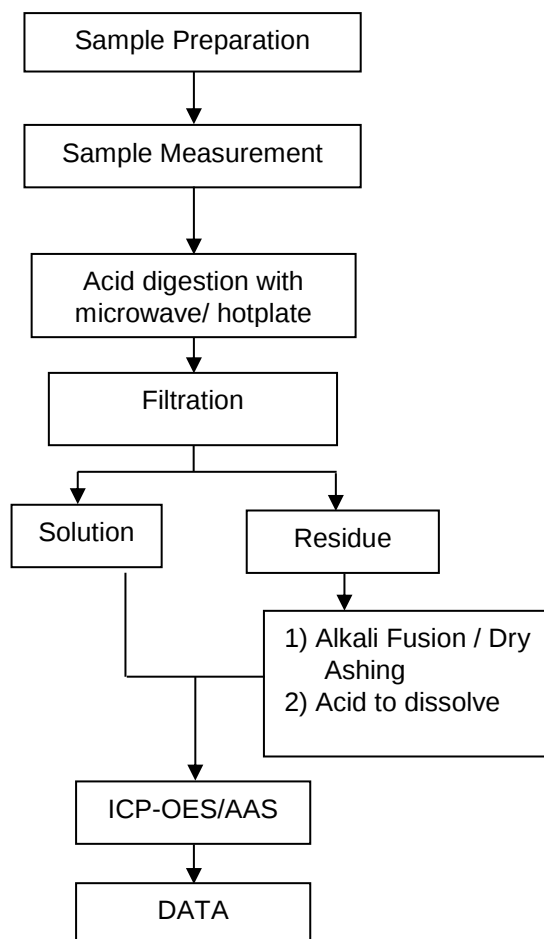
ATTACHMENTS

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.



Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

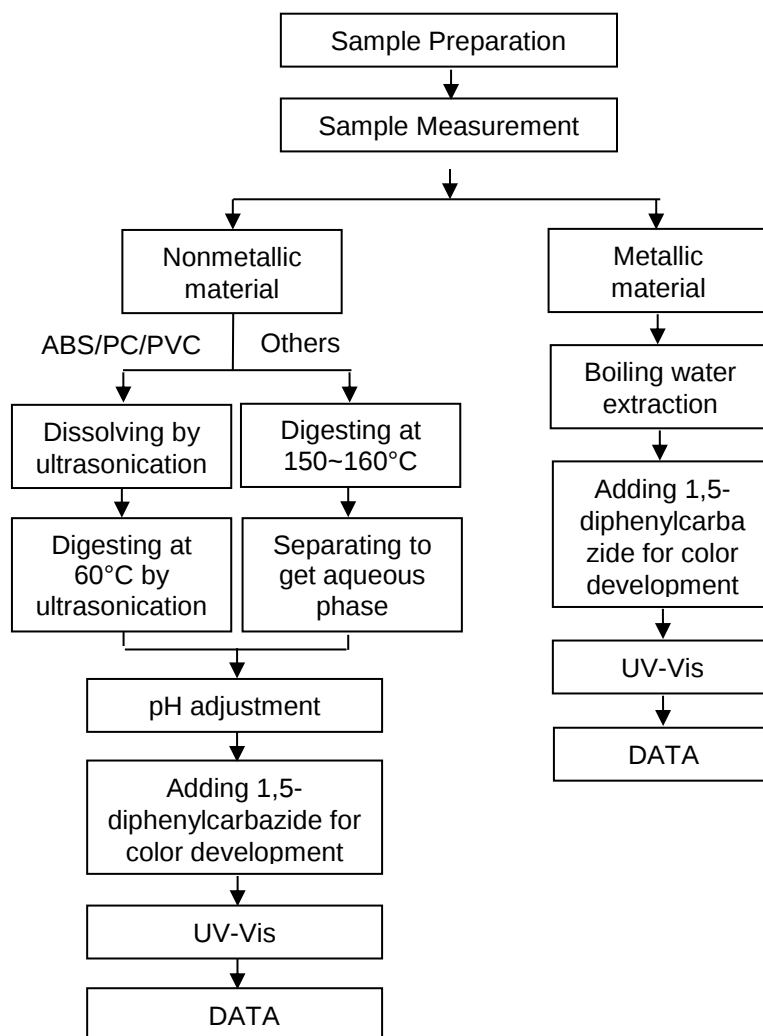
Page 8 of 16

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



Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

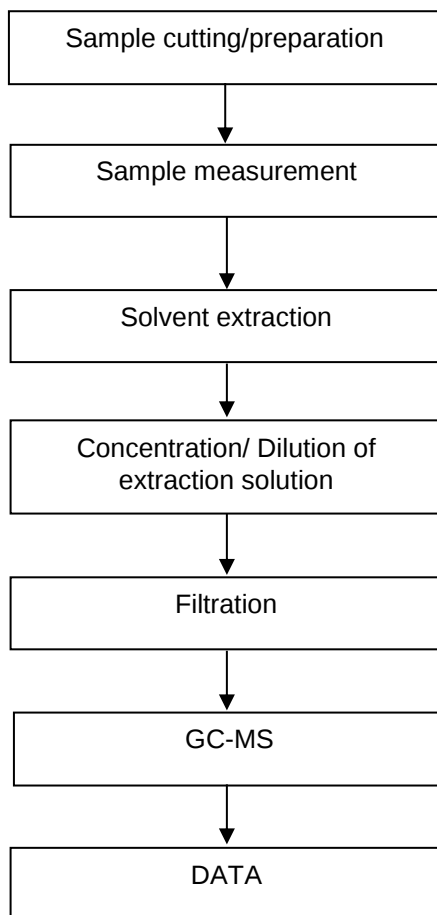
Page 9 of 16

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





Test Report

No.: SHAEC23018600801

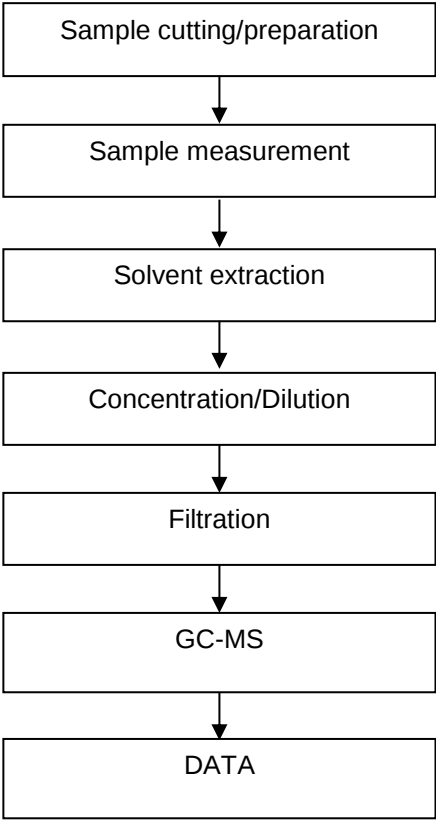
Date: Nov 15, 2023

Page 10 of 16

ATTACHMENTS

Phthalates Testing Flow Chart

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





Test Report

No.: SHAEC23018600801

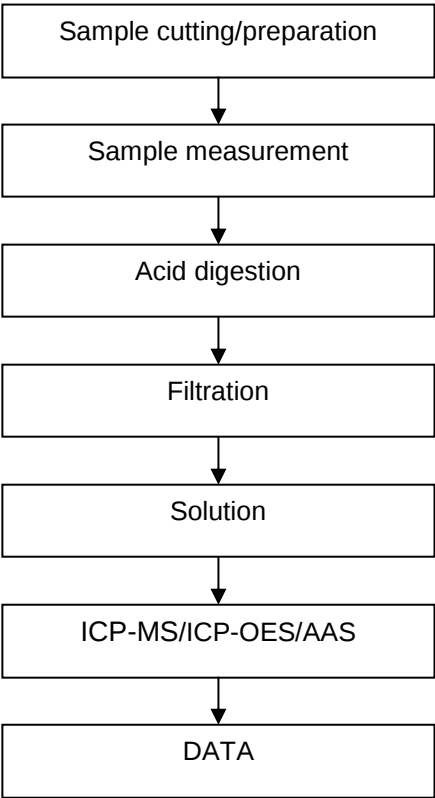
Date: Nov 15, 2023

Page 11 of 16

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



Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

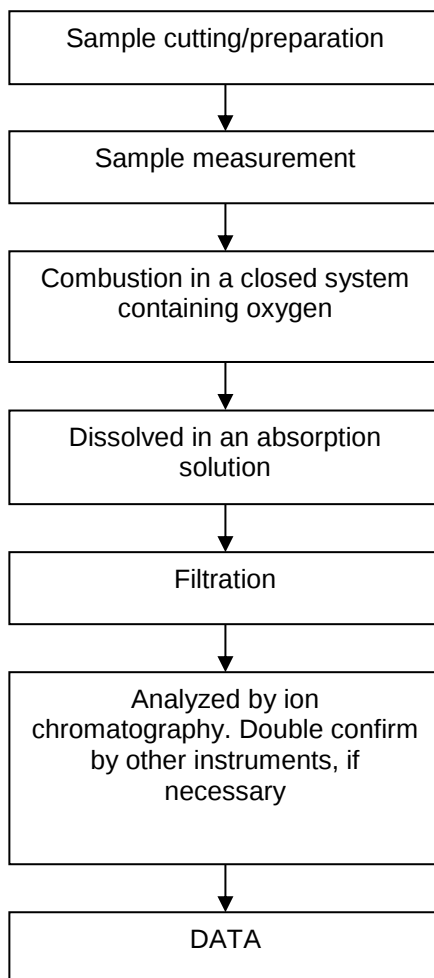
Page 12 of 16

ATTACHMENTS

Halogen Testing Flow Chart

Name of the person who made testing: Andy Zhang

Name of the person in charge of testing: Allen Chen



Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

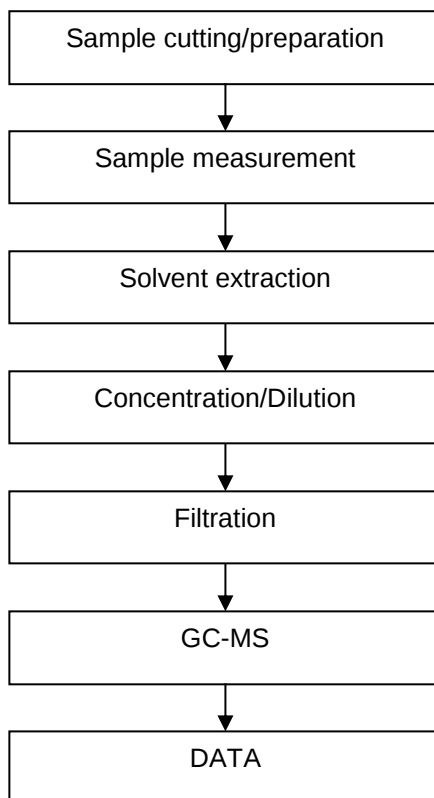
Page 13 of 16

ATTACHMENTS

HBCDD Testing Flow Chart

Name of the person who made testing: Lucky Liu

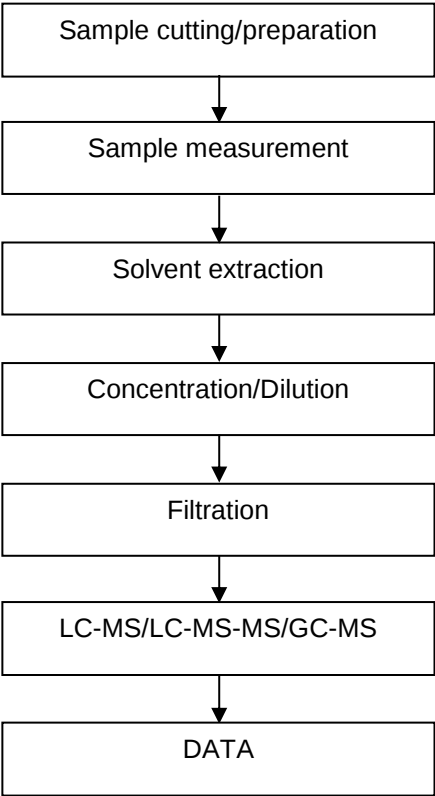
Name of the person in charge of testing: Sherry Shi





PFASs/ PFOS/PFOA Testing Flow Chart

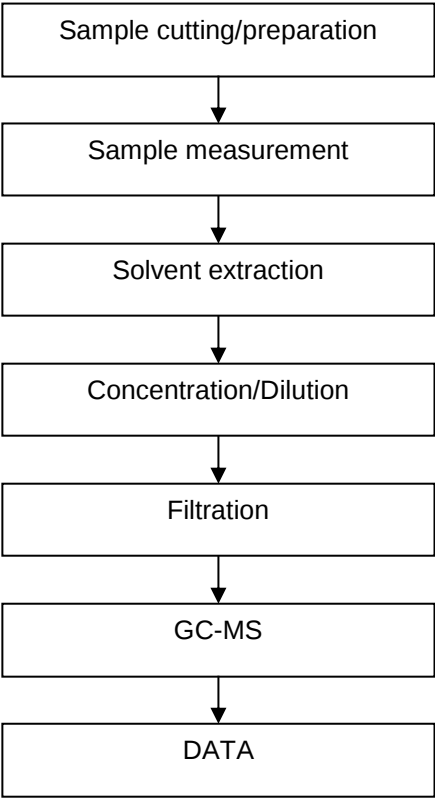
Name of the person who made testing: Richer Yu
Name of the person in charge of testing: Richer Yu





PAHs Testing Flow Chart

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



Test Report

No.: SHAEC23018600801

Date: Nov 15, 2023

Page 16 of 16

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***