

Test Report

No.: SHAEC23016030105

Date: Oct 12, 2023

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Client Name: CSMC TECHNOLOGIES FAB2 CO.,LTD

Client Address: 14 LIANGXI ROAD,WUXI,JIANGSU 214061,CHINA

Sample Name: 6 IN WAFER

Model No.: D-MOS

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

SGS Job No.: TIC1020230928113039MYCR

Sample Receiving Date: Oct 08, 2023

Testing Period: Oct 08, 2023 ~ Oct 12, 2023

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

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

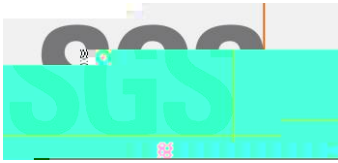
Test Result(s): Please refer to next page(s).

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
Halogen	See Results
Hexabromocyclododecane (HBCDD)	See Results
TBBP-A	See Results
Perfluorooctane Sulfonates (PFOS) and its derivatives and Perfluorooctanoic Acid (PFOA) and its salts	See Results

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

Sue Sheng

Sue Sheng
Approved Signatory



Test Result(s):

Test Part Description

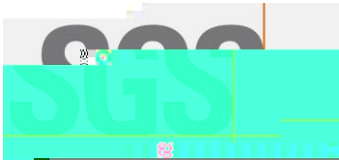
SN ID	Sample No.	SGS Sample ID	Description
SN1	A2	SHA23-0160301-0001.C002	Colorful silicon wafer

Remarks:

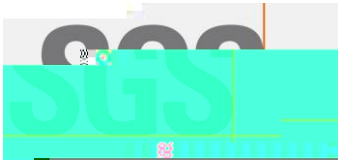
- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) “-“ = Not Regulated

EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), 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+8-9(y)()JTJc1:JETC0005(t)-(30)-Di1Q133.82 498.31 4C



Test Item(s)	Limit	Unit(s)	MDL	
Bis-(2-ethylhexyl) Phthalate(DEHP)	1000	mg/kg		



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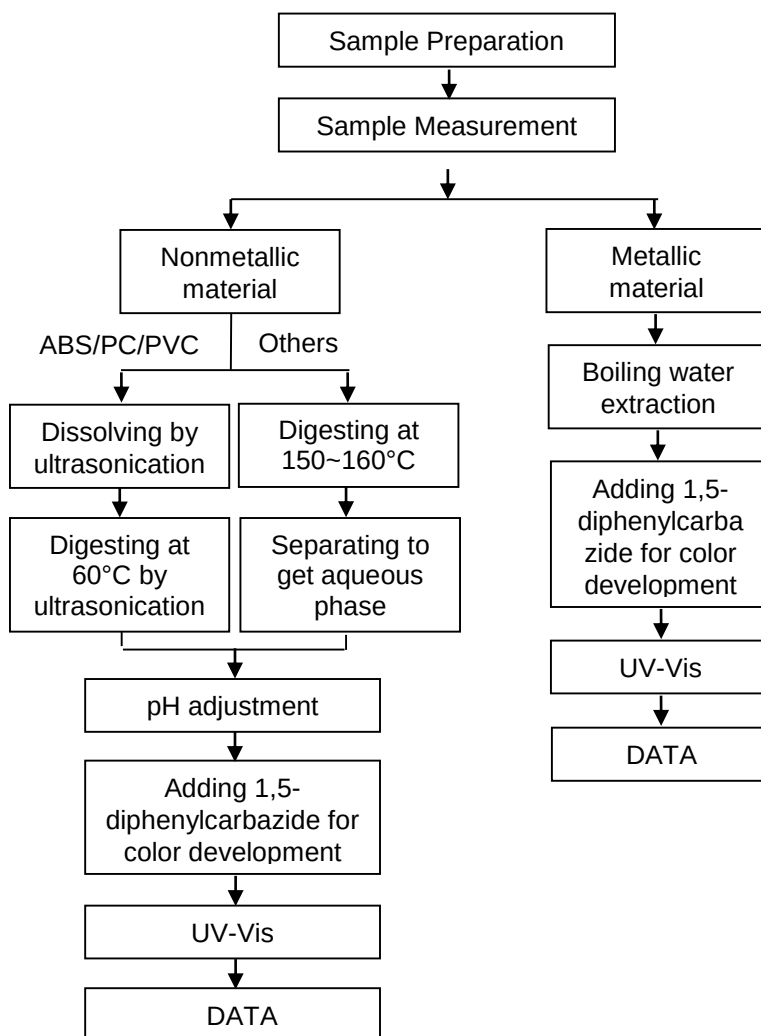
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ATTACHMENTS

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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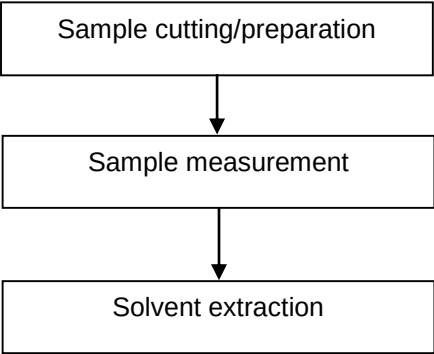
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PBBs/PBDEs Testing Flow Chart

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





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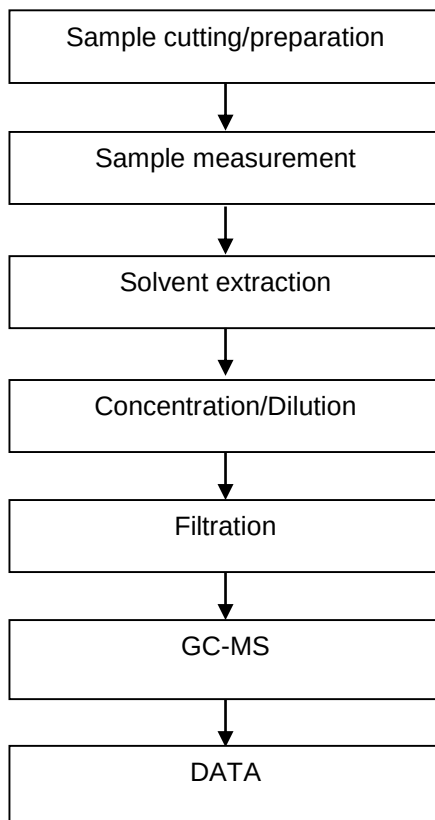
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ATTACHMENTS

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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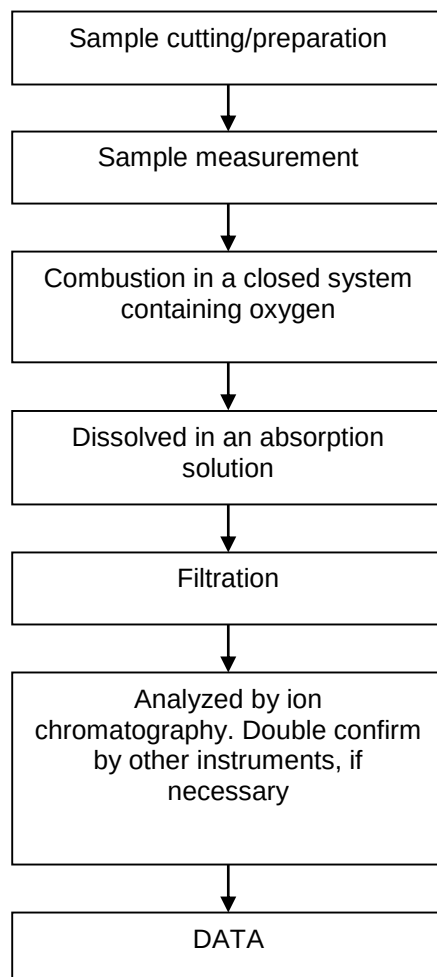
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Halogen Testing Flow Chart

Name of the person who made testing: Andy Zhang

Name of the person in charge of testing: Allen Chen



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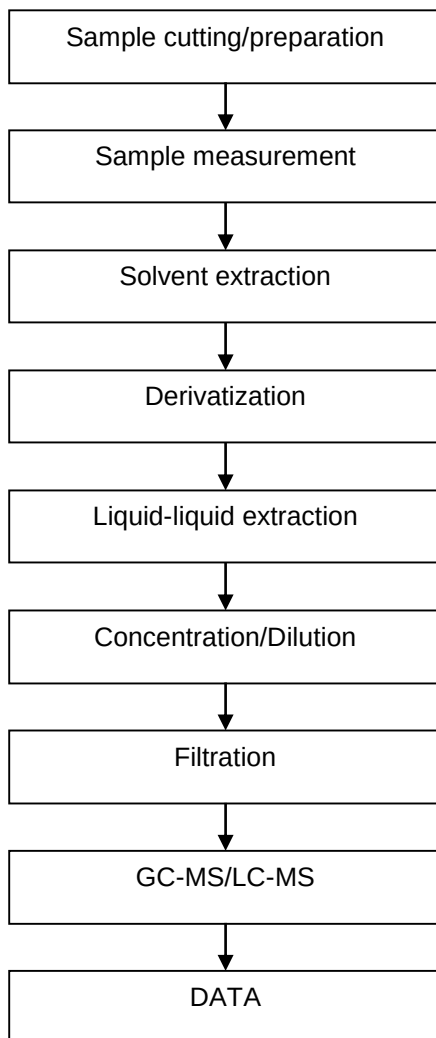
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TBBP-A Testing Flow Chart

Name of the person who made testing: Lucky Liu

Name of the person in charge of testing: Sherry Shi





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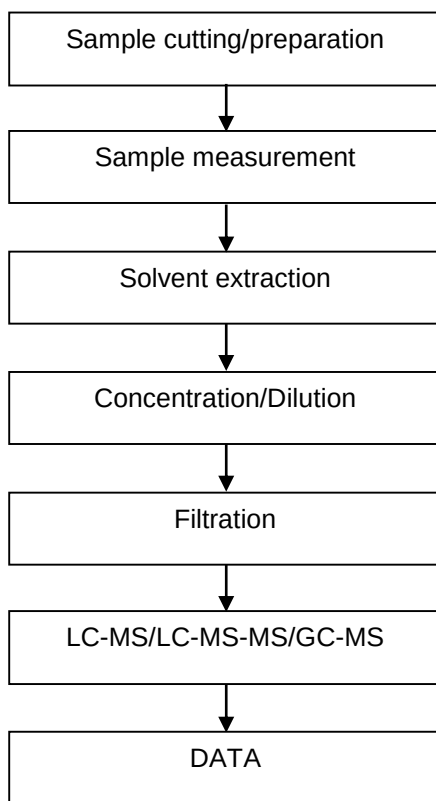
Date: Oct 12, 2023

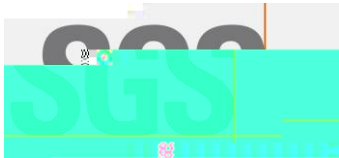
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PFASs/ PFOS/PFOA Testing Flow Chart

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

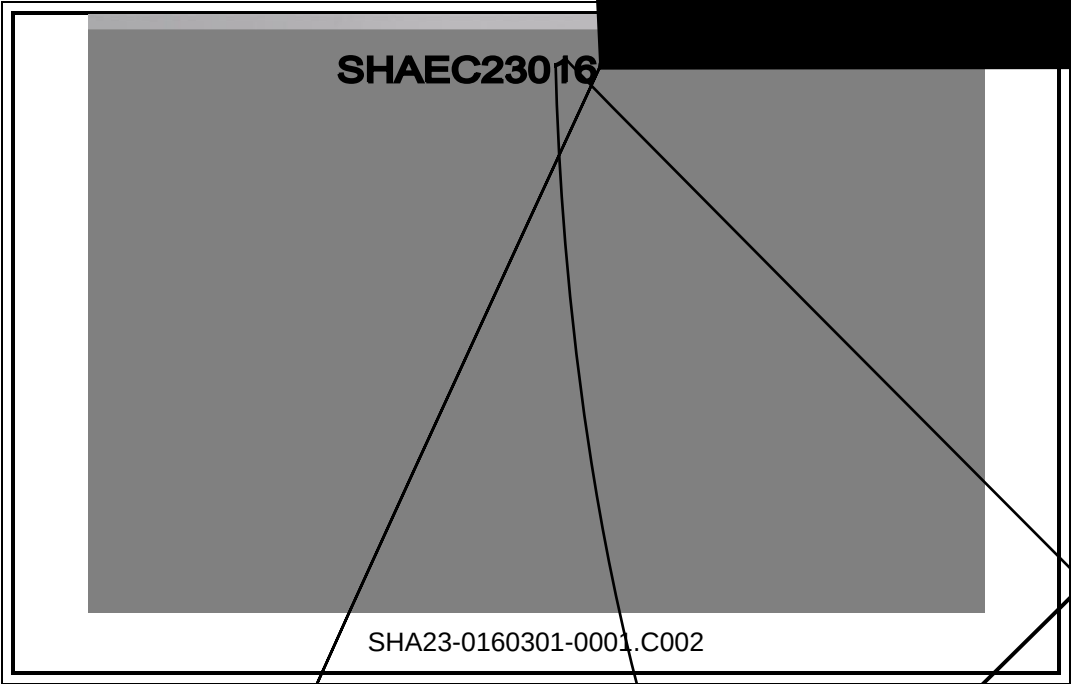




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Sample Photo:



SGS authenticate the photo on original report only
*** End of Report ***