

## Test Report

No.: SHAEC23001768903

Date: Mar 15, 2023

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Client Name: MICRODIODE ELECTRONICS (SHENZHEN)CO., LTD

Client Address: 1402, TOWER 4, PHASE 1, EXCELLENCE CITY, RD ZHONGKANG, SHANGMEILIN, FUTIAN DISTRICT, SHENZHEN, GUANGDONG, CHINA.

Sample Name: SEMICONDUCTOR

Model No.: SM4007PL

Client Ref. Information: DO-214AC/SMA, DO-214AA/SMB, DO-214AB/SMC, SMAF, SMBF, SMCF, SOD-123, SOD-123FL, SOD-123SL, SOD-323, SOD-323FL, SOD-523, SOD-723, SOD-923, SOD-882, DFN1006, DFN1006-3L, DFN1610-6L, DFN2510-10L, DFN0603, QFN, SOT-23, SOT23-5, SOT23-6, SOT-143, SOT-223, SOT-323, SOT-523, SOT-343, SOT-353, SOT-363, SOT-563, SOT-553, SOT-723, SOT-923, SOT23-5, SOT-23-6L, SOT-89, WBFBP-03E, MELF, MINI-MELF, DO-213AA, DO-213AB, TO-252/D-PAK, TO-263/D2PAK, DO-218AB, R-1, A-405, DO-34, DO-35, DO-41, DO-15, R-3, DO-27/DO-201AD, R-6, TO-220AC, TO-220AB, ITO-220AC, ITO-220AB, TO-277A, TO-277B, TO-247, TO-3P, TO-264, TO-126, TO-251/IPAK, TO-92, DIP, UMB, MB-S, MBF, DBS, ABF, CDS, ABS, TBS, LBF, UMSB, TMBF, MB-M, DB-1, WOM, KBP, KBP-K, D3K, KBL, KBU, RS, GBP, GBL, GBU, KBJ, GBJ, KBPC, KBPC-W, GBPC, GBPC-W, TTF

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

SGS Job No.: SP23-004645

Sample Receiving Date: Feb 24, 2023

Testing Period: Feb 24, 2023 ~ Mar 07, 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).

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



Jenny Lan  
Approved Signatory

scan to see the report



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SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
Testing Center - China

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## Test Result(s):

### Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SHA23-0017689-0001.C001	Black body

### Remarks:

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

## 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	50	ND
Chlorine(Cl)	mg/kg	50	ND
Bromine(Br)	mg/kg	50	ND
Iodine(I)	mg/kg	50	ND

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.

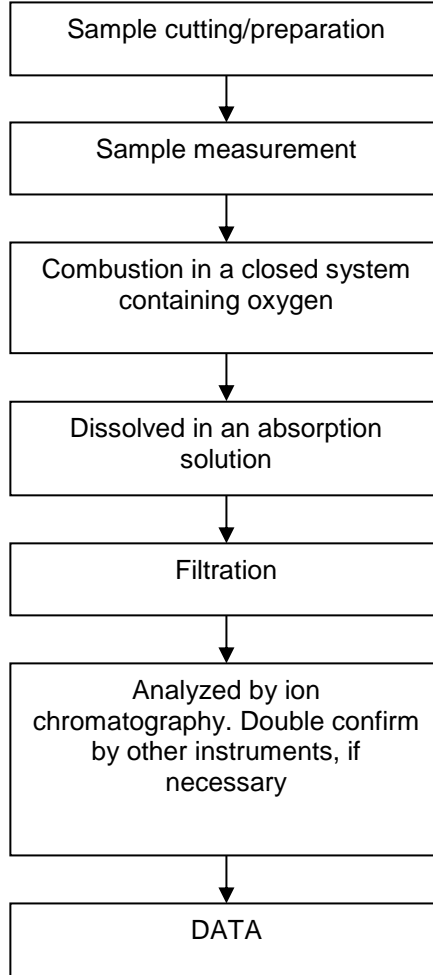


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### Halogen Testing Flow Chart



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.  
Testing Center-Chemical Laboratory

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### Sample Photo:



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



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