

Test Report

No.: CANEC23011177112

Date: Oct 13, 2023

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Client Name: JIANGSU HIGH DIODE SEMICONDUCTOR CO., LTD

Client Address: NO 3,DONGXU ROAD, LINGANG NEW CITY, JIANGYIN, CHINA.

Sample Name: Semiconductor device

Model No.: SOT-23

Client Ref. Information: DFN, PDFN, SOD-123/ 323/ 523/ 723/ 923/ 123FL, SOP8/ 14/ 16/ 18/ 20/ 24, SOT-23(-XL)/ 89(-XL)/ 143/ 223/ 323/ 343/ 353/ 363/ 523/ 553/ 563/ 723, TO-92/ 92L/ 92S/ 92MOD/ 126/ 220(-XL)/ 220A/ 220F/ 227/ 247/ 251/ 251S/ 252(-XL)/ 263/ 277/ 3P, TSSOP8, FBP, CSP, QFN, TSOT, WBFBP, WBHFBP, MSOP8, ESOP8, DIP8/ 14/ 16/ 18, SOP8PP, SOP10, TSSOP14, ETSSOP16, WBLGA6x6-44L, 6GBJ, ABS, DB, DBS, GBJ, GBL, GBP, GBU, JBF, JBSL, KBL, KBP, KBU, MBF, MBS, SMA, SMAF, SMAG, SMAJ, SMB, SMBF, SMBG, SMBJ, SMC, SMCg, SMD, R-1, R-6, A-405, DO-15, DO-27, DO-41, UMSB, SOD-123HE, TO-220F-B, TO-220-2L, TO-220F-2L, TO-247-3L, TO-247-2L, 4GBJ, D3K, TO-92K/ 126K/ 220AK/ 220BK/ 220CK/ 220FK/ 262K/ 263K/ 3PK/ 247K/ 252-2LK, SOT-223-3LK, SOT-23-3LK, SOT-89K

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

SGS Job No.: SHP23-014839

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
Halogen	See Results

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Jany Zhong
Approved Signatory

scan to see the report



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A3	CAN23-0111771-0001.C003	Black body with silver metal

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.

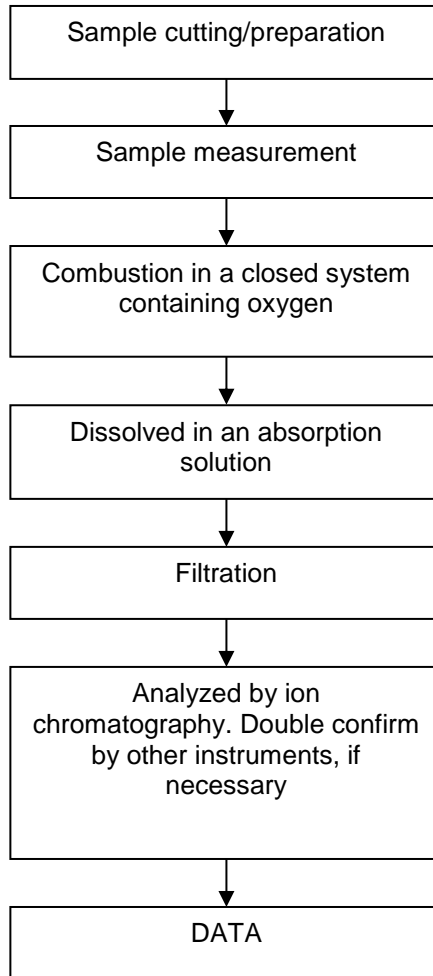
Test Item(s)	Unit(s)	MDL	A3
Fluorine(F)	mg/kg	20	ND
Chlorine(Cl)	mg/kg	50	ND
Bromine(Br)	mg/kg	50	ND
Iodine(I)	mg/kg	50	ND

Remark: Results & photo(s) of this report refer to test report CANEC23011177110.

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.



Halogen Testing Flow Chart



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Sample Photo:



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



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Guangzhou Branch Technical Laboratory

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