

Test Report No.: CANEC25022911204 **Date**: Sep 17, 2025 Page 1 of 4

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、WBLGA6×6-44L、6GBJ、ABS、DB、DBS、GBJ、GBL、GBP、GBU、JBF、JBSL、KBL、KBP、KBU、KBJ、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.: GZP25-026429
Reference No.: SHP25-031231
Sample Receiving Date: Sep 12, 2025

Testing Period: Sep 12, 2025 ~ Sep 17, 2025

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

Arsene Ye

Arsene Ye

Approved Signatory





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Test Result(s):

Test Part Description:

Ī	SN ID	Sample No.	SGS Sample ID	Description
	SN1	A1	CAN25-0229112-0001.C001	Black body with silvery 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	A1
Fluorine(F)	mg/kg	20	ND
Chlorine(Cl)	mg/kg	50	ND
Bromine(Br)	mg/kg	50	ND
lodine(I)	mg/kg	50	ND

Remark: Results & photo(s) of this report refer to test report CANEC25022911201.

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.



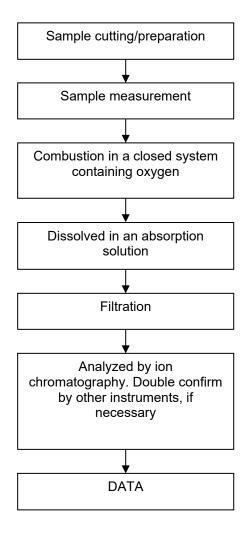
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Test Report ATTACHMENTS

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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