

Test Report

No.: CANEC25022901303

Date: Sep 18, 2025

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Client Name: JIANGSU MHCHXM ELECTRONIC TECHNOLOGY CO., LTD

Client Address: NO.1661 YUNNAN ROAD NANZHA STREET JIANGYIN CITY JIANGSU PROVINCE CHINA

Sample Name: diodes

Model No.: TO-220AB

Client Ref. Information: ITO-220AB/ITO-220AC/ITO-220AB-D/ITO-220AB-P/TO-247AB/TO-247AC-A/TO-220AB/TO-220AC-A/TO-252-2L/TO-251-3L/TO-251-2L/TO-263-2L/TO-262-3L/TO-262-3L-D/TO-263M-2L/TO-277/TO-277B/SOT-23/SOD-123/SOD-123FL/SMA/SMAF/SMB/SMBF/SMC/PDFN5060-8L/PDFN3030-8L/GBU/KBJ

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

SGS Job No.: GZP25-026221

Sample Receiving Date: Sep 12, 2025

Testing Period: Sep 12, 2025 ~ Sep 18, 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
Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)	Pass

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

Arsene Ye

Arsene Ye
Approved Signatory

Scan to see the report



B1FF78CA



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch

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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgs.com.cn
t (86-20) 82155555 sgs.china@sgs.com

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN25-0229013-0001.C001	Black material

Remarks:

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

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

Test Method: SGS In-house method (SGS-CCL-TOP-149-07, With reference to US EPA Method 3550C:2007), analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1
Decabromodiphenyl ether (DecaBDE)	1163-19-5	1000	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1)	68937-41-7	1000	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP)	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBd)	87-68-3	Prohibited	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Conclusion					Pass

Notes:

(1) The regulation is available at the following link.
<https://www.epa.gov/assessing-and-managing-chemicals-under-tsca/persistent-bioaccumulative-and-toxic-pbt-chemicals-under>.

(2) The rule for Decabromodiphenyl ether (DecaBDE) and Phenol, isopropylated phosphate (3:1) (PIP 3:1) is effective on January 21, 2025.

The location of performance of the laboratory activities: A. No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong; B. Room 101, Building 3, No.1501, Kaichuang Avenue, Huangpu District, Guangzhou, Guangdong

Remark: Results & photo(s) of this report refer to test report CANEC25022901301.

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.



SGS-CSTC Standards Technical Services Co., Ltd.
 Guangzhou Branch/Science City Chemical Laboratory

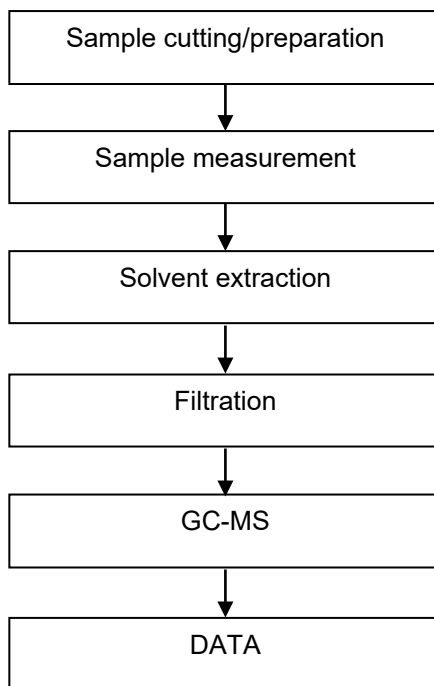
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t (86-20) 82155555 www.sgsgroup.com.cn
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ATTACHMENTS

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals Testing Flow Chart



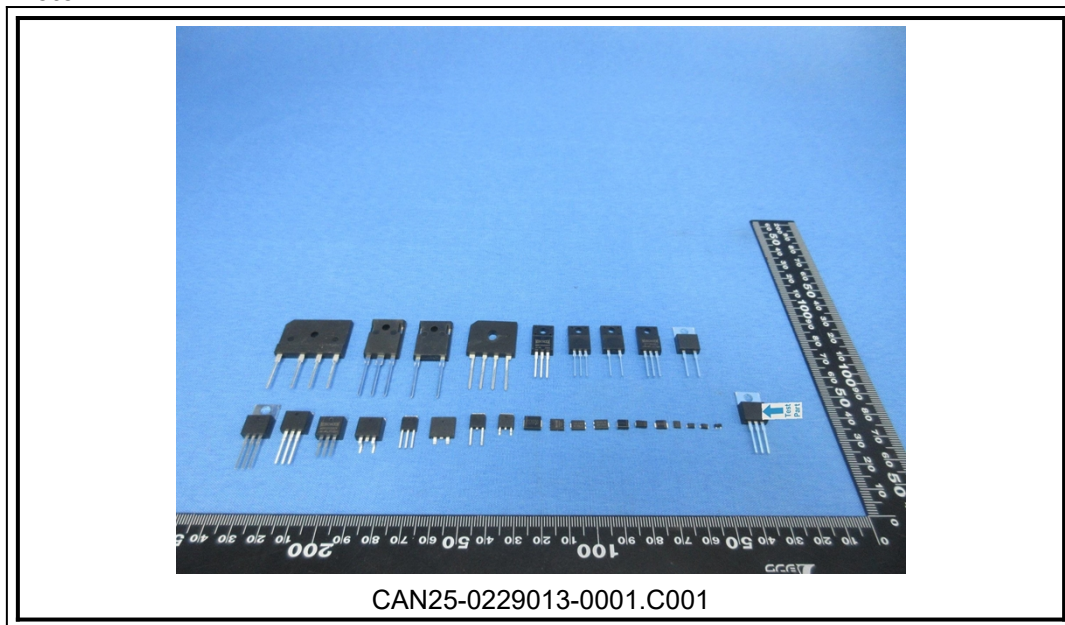
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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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Guangzhou Branch Technical Laboratory

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