

Test Report

No.: SZXEC25002751515

Date: Aug 05, 2025

Page 1 of 4

Client Name: SHENZHEN LUGUANG ELECTRONIC TECHNOLOGY CO.,LTD.
RIZHAO LUGUANG ELECTRONIC TECHNOLOGY CO.,LTD.
Client Address: 1407, B BLOCK,HAISONG BUILDING,TERRA 9 RD,FUTIAN
DISTRICT,SHENZHEN,CHINA
166, GUILIN ROAD,RIZHAO ECONOMIC DEVELOPMENT ZONE SHANDONG
PROVINCE

Sample Name: Glass-sealed diode

Model No.: MINIMELF

Client Ref. Information: MELF,MINI MELF,MICRO MELF,LL34,LL-41,
DO-34,DO-35,DO-41G,SOD-80,QUADROMELF

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

SGS Job No.: SZP25-038832

Sample Receiving Date: Jul 30, 2025

Testing Period: Jul 30, 2025 ~ Aug 05, 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. Shenzhen Branch

May

May Bei

Approved Signatory

Scan to see the report



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Shenzhen Branch

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Test Report

No.: SZXEC25002751515

Date: Aug 05, 2025

Page 2 of 4

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A3	SZX25-0027515-0001.C003	"Glass-sealed diode"

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: With reference to US EPA 3550C:2007, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A3
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.

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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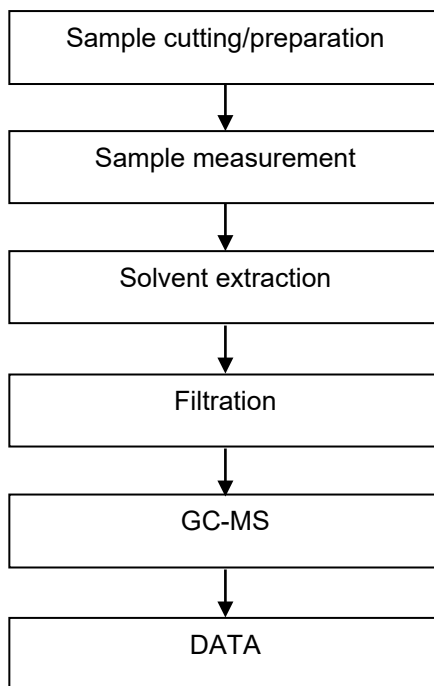
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ATTACHMENTS

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



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Test Report

No.: SZXEC25002751515

Date: Aug 05, 2025

Page 4 of 4

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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Shenzhen Branch Inspection & Testing Services Laboratory

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