

## Test Report

No.: CANEC23005796605

Date: Jul 14, 2023

Page 1 of 4

Client Name: JIANGSU CHANGJING ELECTRONICS TECHNOLOGY CO.,LTD

Client Address: 13TH FLOOR,C BLOCK,TENGFEI BUILDING,YAN CHUANG YUAN,NANJING AREA OF CHINA (JIANGSU) PILOT FREE TRADE ZONE

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/252/263/277/3P、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、MINI-MELF、MELF、LL-41、LL-34、DO-41(G)、DO-35(G)、DL-41、DL-35

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

SGS Job No.: CP23-024784

SGS Ref No.: SHP23-006925

Sample Receiving Date: Jul 07, 2023

Testing Period: Jul 07, 2023 ~ Jul 14, 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
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



BA205814



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
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

**Test Result(s):**

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A2	CAN23-0057966-0001.C002	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

**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	A2
Decabromodiphenyl ether (DecaBDE) <sup>Δ1</sup>	1163-19-5	Prohibited	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) <sup>Δ2</sup>	68937-41-7	Prohibited	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) <sup>Δ3</sup>	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
<b>Conclusion</b>					<b>Pass</b>

**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) <sup>Δ1</sup>: The submitted sample is exempted if it is plastic for recycling from products or articles containing Deca-BDE.
- (3) <sup>Δ2</sup>: The submitted sample is exempted from the regulated scope if it is anyone of the following:
  - Hydraulic fluids for aviation or military industry;
  - Lubricants and grease;
  - New and replacement parts for motor and aerospace vehicles;
  - Intermediate in a closed system to produce cyanoacrylate adhesive;
  - Specialized engine air filters for locomotive and marine applications;
  - Plastic for recycling from products or articles containing PIP (3:1);
  - Finished products or articles made of plastic recycled from products or articles containing PIP (3:1).
- (4) <sup>Δ3</sup>: The submitted sample is out of the regulated scope if it is not oil or lubricant.

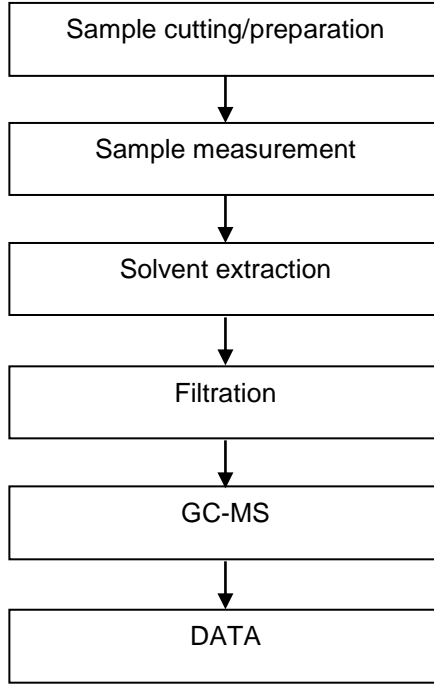
Remark: Results & photo(s) of this report refer to test report CANEC23005796602.

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.



ATTACHMENTS

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



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

## Test Report

No.: CANEC23005796605

Date: Jul 14, 2023

Page 4 of 4

### Sample Photo:



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



SGS-CST Standards Technical Services Co., Ltd.  
Guangzhou Branch Technical Services Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)**

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
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.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com