

Test Report

No.: CANEC23015268013

Date: Dec 11, 2023

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Client Name: MC-POWER SEMICONDUCTOR CO.,LTD

Client Address: 1 SHUANGXING AVENUE, HUANGJIA STREET, SOUTHWEST AIRPORT ECONOMIC DEVELOPMENT ZONE, SHUANGLIU DISTRICT, CHENGDU, CHINA (SICHUAN) PILOT FREE TRADE ZONE

Sample Name: Power elemen

Model No.: TO-220F

Client Ref. Information: TO-126 TO-263 TO-262 TO-251 TO-252 TO-220 TO-220FTO-220HF, TO-247 TO-247L TO-277 TO-3P TO-220C TO-247PLUS TO-263-7 TO-247-4-TO-264 GBU ABS MBS MBF DFN3*3 DFN5*6 DFN8*8 SOP8 ESOP SOT-223 TOLL

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

SGS Job No.: CQP23-004840

Sample Receiving Date: Nov 29, 2023

Testing Period: Nov 29, 2023 ~ Dec 07, 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)	See Results

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

Zm Guan
Approved Signatory

scan to see the report



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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

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0152680-0001.C001	Black "body" with gray printing(mixed)

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.	Unit(s)	MDL	A1
Decabromodiphenyl ether (DecaBDE) ^{Δ1}	1163-19-5	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) ^{Δ2}	68937-41-7	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) ^{Δ3}	732-26-3	mg/kg	5	ND
Hexachlorobutadiene (HCBd)	87-68-3	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	mg/kg	5	ND

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) ^{Δ1}: The submitted sample is exempted if it is plastic for recycling from products or articles containing Deca-BDE.
- (3) ^{Δ2}: 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) ^{Δ3}: The submitted sample is out of the regulated scope if it is not oil or lubricant.

Remark: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference. 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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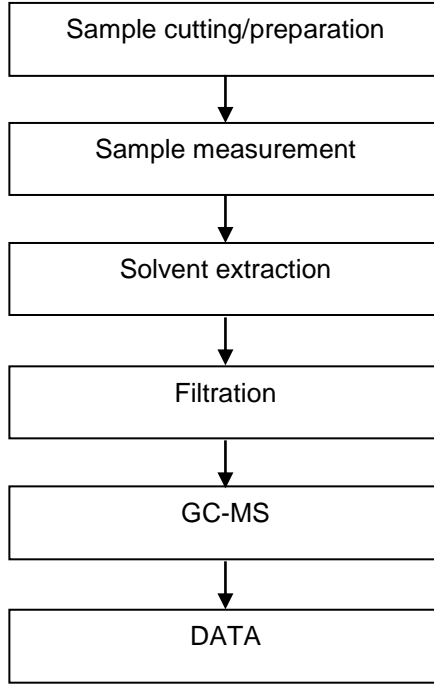
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中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

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