

## Test Report

No. CKGEC2100904503

Date: 06 Dec 2021

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MC-POWER SEMICONDUCTOR CO.,LTD

NO.1, HESKE ROAD, YANTING ECONOMIC DEVELOPMENT ZONE, MIANYANG CITY, SICHUAN PROVINCE

The following sample(s) was/were submitted and identified on behalf of the clients as : Power elemen

SGS Job No. : 10002587 - CQ  
 Model No. : TO-220  
 Client Ref. Info. : TO-92 TO-126 TO-263 TO-262 TO-251 TO-252 TO-220  
 TO-220F, TO-220HF, TO-247 TO-247L TO-277 TO-3P TO-220C,GBU ABS  
 MBS MBF DFN3\*3 DFN5\*6 DFN8\*8 SOP8 ESOP SOT-223 TOLL  
 Date of Sample Received : 01 Dec 2021  
 Testing Period : 01 Dec 2021 - 06 Dec 2021  
 Test Requested : Selected test(s) as requested by client.  
 Test Method : Please refer to next page(s).  
 Test Results : Please refer to next page(s).

Result Summary :

Test Requested	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 (Chongqing) Co., Ltd.

*Mary Zou*

Mary Zou  
 Approved Signatory

scan to see the report



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CKG21-009045.001	Black plastic

Remarks :

- (1) 1 mg/kg = 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 (CQTC-CCL-TOP-031, With reference to US EPA Method 3550C:2007), analysis was performed by GC-MS.

Test Item(s)	CAS NO.	Limit	Unit	MDL	001
Decabromodiphenyl ether (Deca-BDE) $\Delta^1$	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) $\Delta^2$	68937-41-7	★	mg/kg	5	ND
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) $\Delta^3$	732-26-3	3000	mg/kg	5	ND
Hexachlorobutadiene (HCBd)	87-68-3	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
<b>Comment</b>					<b>PASS</b>

Notes :

- 1. "★" = Prohibited
- 2. 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>
- 3.  $\Delta^1$ : The submitted sample is exempted if it is plastic for recycling from products or articles containing Deca-BDE.
- 4.  $\Delta^2$ : 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).



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5.  $\Delta^3$ : The submitted sample is out of the regulated scope if it is not oil or lubricant.
6. Results & photo(s) of this report refer to test report CKGEC2100904501.

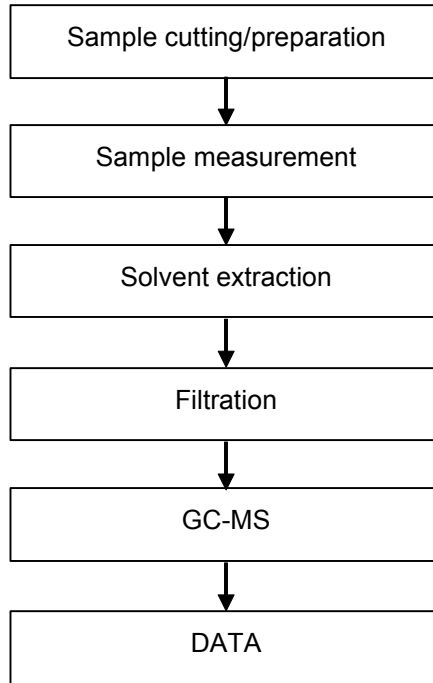


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## ATTACHMENTS

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



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Sample photo:



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\*\*\* End of Report \*\*\*



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