

Test Report

No. SHAEC2118298903

Date: 31 Aug 2021

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LEADEMC ELECTRONICS CO.,LTD.

207-209, BUILDING A, XINQIAO BUSINESS CENTER, 2163 WANYUAN ROAD, MINHANG DISTRICT, SHANGHAI

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

SGS Job No. : SP21-026970 - SH
 Model No. : SOD123FL
 Client Ref. Information : SMA,SMAF,SMB,SMBF,AK,AE,AKS,DO-15,DO-41,DO-201,P600,DO-214AA/AB/AC,DO-218AB/AC,SOD123,SOD123FL,TO263,TO252,TO277.
 Date of Sample Received : 24 Aug 2021
 Testing Period : 24 Aug 2021 - 31 Aug 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 (Shanghai) Co., Ltd.

Annie Liu

Annie Liu
 Approved Signatory

scan to see the report



SHAEC2118298903



SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
 Testing Center-China

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA21-182989.002	Black body with silvery metal pin

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

Test Item(s)	CAS NO.	Limit	Unit	MDL	002
2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) Δ^3	732-26-3	3000	mg/kg	5	ND
Decabromodiphenyl ether (Deca-BDE) Δ^1	1163-19-5	★	mg/kg	5	ND
Phenol, isopropylated phosphate (3:1) (PIP 3:1) Δ^2	68937-41-7	★	mg/kg	5	ND
Pentachlorothiophenol (PCTP)	133-49-3	10000	mg/kg	5	ND
Hexachlorobutadiene (HCBD)	87-68-3	★	mg/kg	5	ND

Conclusion

PASS

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) Δ^1 : Plastic for recycling from products or articles containing decaBDE.
- (4) Δ^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).
- (5) Δ^3 : The submitted sample is out of the regulated scope if it is not oil or lubricant;



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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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