

# Test Report



Report No. A2250389208101001

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**Company Name** MSEMITEK CO., LTD

**shown on Report**

**Address** 16TH FLOOR, BUILDING D, CENTRAL AVENUE, BAOYUAN ROAD, XIXIANG STREET, BAOAN DISTRICT, SHENZHEN

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant**

Sample Name 场效应晶体管  
Sample Received Date Jun. 7, 2025  
Testing Period Jun. 7, 2025 to Jun. 17, 2025

**Test Conducted:**

As requested by the applicant. For details refer to next page(s)



Approved by

*Hill Zheng*

Date

Jun. 17, 2025

Hill Zheng  
Technical Manager

No. R338856605

Centre Testing International Group Co., Ltd.

CTI Building, Xing Dong Community, Xin'an Sub-district, Bao'an District, Shenzhen City, Guangdong Province, P.R. China

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## Executive Summary:

### TEST REQUEST

Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)

- Decabromodiphenyl Ether (DecaBDE)
- Phenol, Isopropylated Phosphate (PIP (3:1))
- 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)
- Hexachlorobutadiene (HCBD)
- Pentachlorothiophenol (PCTP)

### CONCLUSION

**PASS**

**PASS**

**PASS**

**PASS**

**PASS**

\*\*\*\*\* For further details, please refer to the following page(s) \*\*\*\*\*

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**Persistent, Bioaccumulative, and Toxic (PBT) Chemicals under US EPA Toxic Substances Control Act (TSCA) Section 6(h)****▼ Decabromodiphenyl Ether (DecaBDE)**

Test Method: Refer to US EPA 3550C:2007 &amp; US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001		
Decabromodiphenyl Ether (DecaBDE)	N.D.	5	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit applies to the situation where Decabromodiphenyl Ether (DecaBDE) is not intentionally added to the product or article. It is recommended to verify the addition of these substances through the supply chain.

**▼ Phenol, Isopropylated Phosphate (PIP (3:1))**

Test Method: Refer to US EPA 3550C:2007 &amp; US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001		
Phenol, Isopropylated Phosphate (PIP (3:1))	N.D.	5	1000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million
- The limit applies to the situation where Phenol, Isopropylated Phosphate (PIP (3:1)) is not intentionally added to the product or article. It is recommended to verify the addition of these substances through the supply chain.

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## ▼ 2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001		
2,4,6-tris(tert-butyl) phenol (2,4,6-TTBP)	N.D.	5	3000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

## ▼ Hexachlorobutadiene (HCBD)

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001		
Hexachlorobutadiene (HCBD)	N.D.	5	N.D.

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

## ▼ Pentachlorothiophenol (PCTP)

Test Method: Refer to US EPA 3550C:2007 & US EPA 8270E:2018; Test Equipment: GC-MS

<u>Tested Item(s)</u>	<u>Result (mg/kg)</u>	<u>MDL</u> (mg/kg)	<u>Limit</u> (mg/kg)
	001		
Pentachlorothiophenol (PCTP)	N.D.	5	10000

Remark:

- MDL = Method Detection Limit
- N.D. = Not Detected (<MDL)
- mg/kg = ppm = parts per million

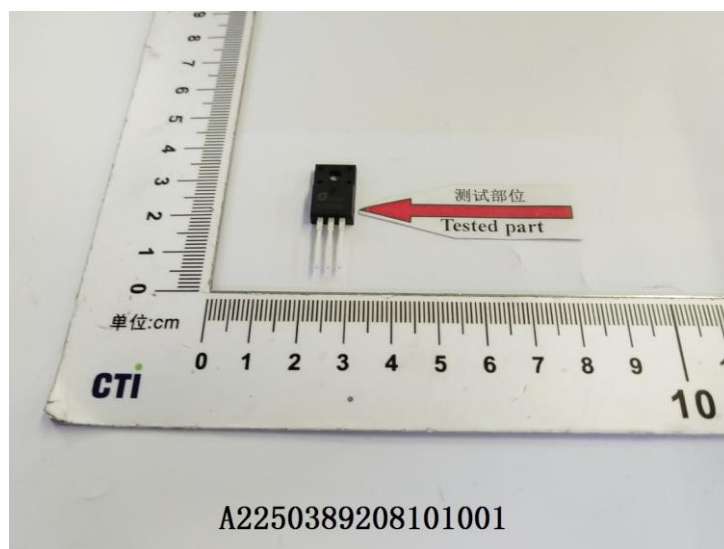


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## Photo(s) of the sample(s)



### Statement:

1. This report is considered invalid without approved signature, special seal and the seal on the perforation;
2. The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;
3. The result(s) shown in this report refer(s) only to the sample(s) tested;
4. 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 / CNAS-GL015:2022;
5. Without written approval of CTI, this report can't be reproduced except in full;
6. In case of any discrepancy between the English version and Chinese version of the testing reports (if generated), the Chinese version shall prevail.

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

## Appendix

### Client Reference Information

TDFN2X2,PDFN3X3, PDFN5X6, DFN8X8, PDFN8X8, SOP-8,TSSOP-8,  
TO-251,TO-252,PTO-252,TO-252-4L,T0-263,T0-263-2L,T0-262,TO-264,T0-220F,  
TO-220C,TO-3P,TO-3PB/PN,TO-3P,FT0-247-3L,TO-247-4L,T0-220C-2L,T0-220F-2L,  
SOT-23,SOT-23-3L,SOT-23-6L,SOT-223-2L,TO-263,US-7L,TOLL,DFN1006-3L

### Client Reference Photo (Non-tested sample)



### Statement:

1. The Appendix Information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified.
2. The Appendix Information is/are the supplement(s) for the Report A2250389208101001.