

Test Report

No.: SZXEC24004046903

Date: Dec 26, 2024

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Client Name: SHENZHEN YONGYUAN MICROELECTRONICS TECHNOLOGY CO.,LTD

Client Address: C2 BUILDING RUIMING INDUSTRIAL PARK,NO.44 HEXIU WEST ROAD,ZHANCHENG,FUHAJ STREET,BAO'AN DIST.,SHENZHEN

Sample Name: MOS

Model No.: SOT23L

Client Ref. Information: QFN2*2-6L、QFN3*3-8L、SOP-8L、SOT89-3L、ESOP-8L、TSSOP-8L、TO-92-3L、TO94-4L、SOT223-3L、SOT23-3L、SOT23-5L、SOT23-6L、SOT323-3L、SOT363-6L、SOT523-3L、SOT723-3L、SSOP-24L、SOT223-2L

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

SGS Job No.: SZP24-055965

Sample Receiving Date: Dec 19, 2024

Testing Period: Dec 19, 2024 ~ Dec 26, 2024

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. Shenzhen Branch

Fay

Fay Yuan
Approved Signatory

scan to see the report



E2072738



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch Testing Services Laboratory

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Test Result(s):

Test Part Description:

| SN ID | Sample No. | SGS Sample ID | Description |
|-------|------------|-------------------------|-------------|
| SN1 | A1 | SZX24-0040469-0001.C001 | "MOS" |

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

| Test Item(s) | CAS No. | Limit | Unit(s) | MDL | A1 |
|---------------------------------------------------------------|------------|------------|---------|-----|-------------|
| Decabromodiphenyl ether (DecaBDE) ^{Δ1} | 1163-19-5 | Prohibited | mg/kg | 5 | ND |
| Phenol, isopropylated phosphate (3:1) (PIP 3:1) ^{Δ2} | 68937-41-7 | Prohibited | mg/kg | 5 | ND |
| 2,4,6-Tris(tert-butyl)phenol (2,4,6-TTBP) ^{Δ3} | 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 |
| Conclusion | | | | | Pass |

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.

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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 Shenzhen Branch Testing Center-Chemical Laboratory

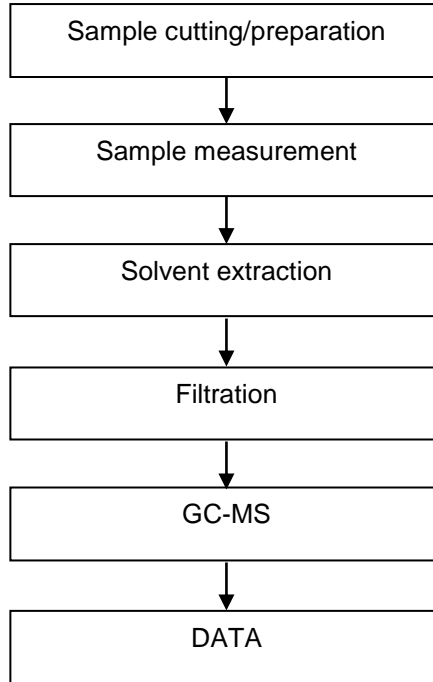
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ATTACHMENTS

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



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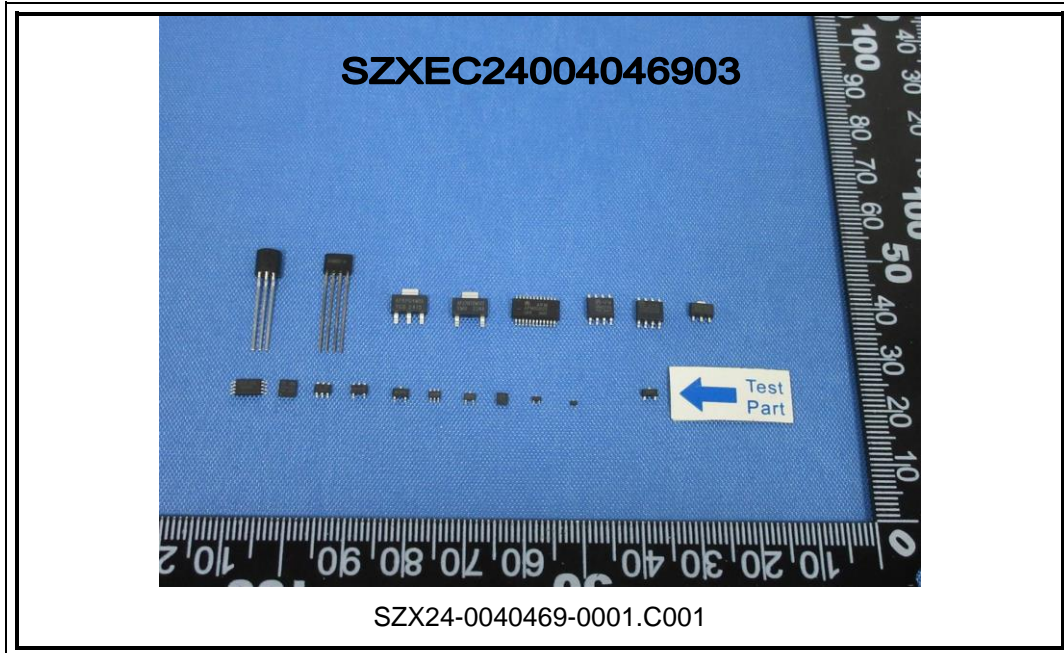
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Sample Photo:



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*** End of Report ***



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