

Test Report



Report No. A224012921110300201

Company Name shown on Report SIHONG HONGXIN SEMICONDUCTOR CO., LTD.

Address NO. 12, EAST ZONE, ELECTRONIC INFORMATION INDUSTRIAL PARK, SIHONG ECONOMIC DEVELOPMENT ZONE, SIHONG COUNTRY, SUQIAN CITY, JIANGSU PROVIN

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

Sample Name Semiconductor component
Color Black body
Sample Received Date Mar. 14, 2024
Testing Period Mar. 14, 2024 to Mar. 18, 2024

Test Requested As specified by client, to test Phthalates in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).



Approved by

Chen Kaimin

Chen kaimin
Lab Manager

Date

Apr. 2, 2024

No. R268858371

Centre Testing International Pinbiao(Shanghai) Co., Ltd.

No.1351, Wanfang Road, Minhang District, Shanghai, China

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Test Method

Test Item(s)	Test Method	Measured Equipment(s)
Phthalates	IEC 62321-8:2017	GC-MS

Test Result(s)

Tested Item(s)	Result	MDL
	002	
Phthalates		
Dibutyl phthalate (DBP) CAS#:84-74-2	N.D.	50 mg/kg
*Di-n-hexyl phthalate (DNHP/DHEXP) CAS#:84-75-3	N.D.	50 mg/kg
*Dimethyl phthalate (DMP) CAS#:131-11-3	N.D.	50 mg/kg
Butyl benzyl phthalate (BBP) CAS#:85-68-7	N.D.	50 mg/kg
*Dipentyl phthalate (DPP/DPENP) CAS#:131-18-0	N.D.	50 mg/kg
Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7	N.D.	50 mg/kg
Di-n-octyl phthalate (DNOP) CAS#:117-84-0	N.D.	50 mg/kg
Di-isononyl phthalate (DINP) CAS#:28553-12-0,68515-48-0	N.D.	50 mg/kg
Di-iso-decyl phthalate (DIDP) CAS#:26761-40-0,68515-49-1	N.D.	50 mg/kg
Diisobutyl phthalate (DIBP) CAS#:84-69-5	N.D.	50 mg/kg
*Diethyl phthalate (DEP) CAS#:84-66-2	N.D.	50 mg/kg
*Diisooctyl phthalate (DIOP) CAS#:27554-26-3	N.D.	50 mg/kg
*/ ¹ 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP) CAS#:71888-89-6	N.D.	100 mg/kg
*Dicyclohexyl phthalate (DCHP) CAS#:84-61-7	N.D.	50 mg/kg
*Diheptyl phthalate (DHP) CAS#:3648-21-3	N.D.	50 mg/kg
*Dipropyl phthalate (DPrP) CAS#:131-16-8	N.D.	50 mg/kg

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Sample/Part Description

No.	CTI Sample ID	Description
1	002	Black body(Tested as a whole)

Remark: *¹=In view of the substances are established as UVCB substances(substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

-The sample(s) was tested as a whole, because it's impossible to disassemble or separate it by current equipment and technology. The result(s) shown on this report may be different from the content of any homogeneous material.

- According to the client's statement, the Company Name shown on Report in this report and the Company Name shown on Report in the report A2240129211103002 are the Group-Branch relations, the test result(s) of this report is/are presented in reference to the result(s) that reported in A2240129211103002.

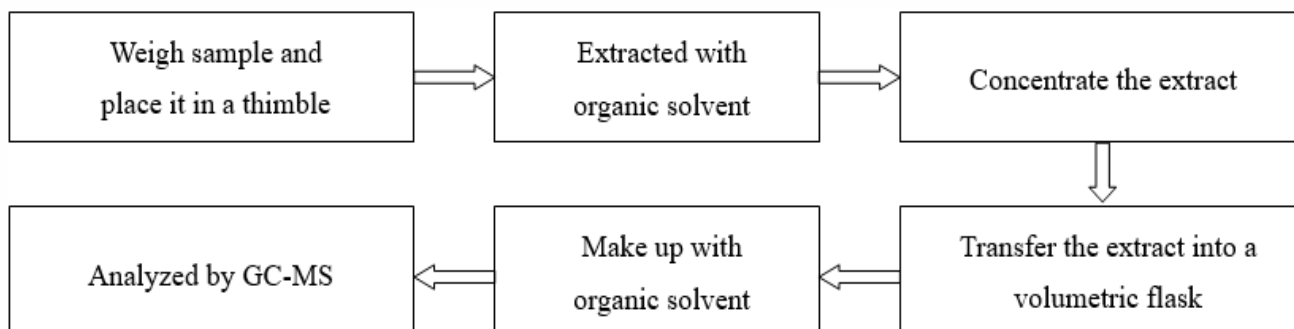
Note: “*” indicates the item(s) is (are) not in CNAS accreditation scope.

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Test Process



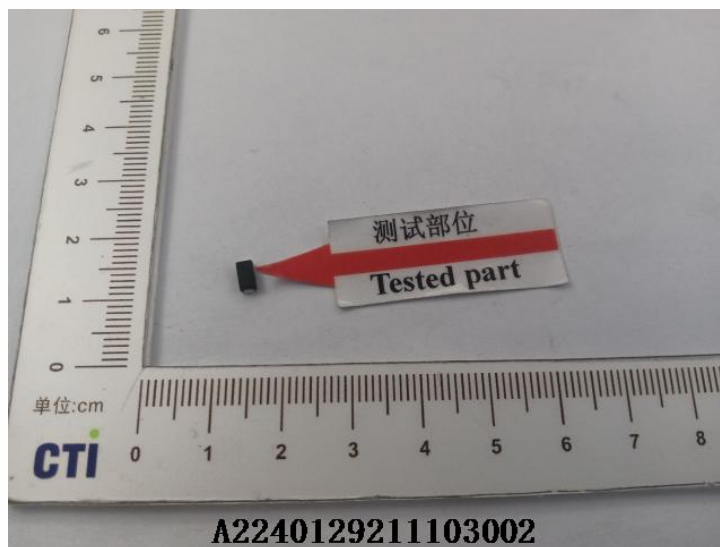
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Photo(s) of the sample(s)



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

R-1, A-405, DO-41, DO-15, DO-15L, DO-201AD, DO-201AE, R-6, SMA-W, YJ-41, 2KBJ, 4KBJ, 6KBJ, PB, ABS, D3K, DBS, DB, DBLS, DBL, GBP, GBU, JA, JB, JC, MBLS, MBS, YBS2, YBS3, YBS3mini, YBS6, YBS2G, KBP, KBU, KBL, TSB, GBPC(W), GBPC, BR-W, BR, KBPC-W, KBPC25/35/50, KBPC1, KBPC6, KBPC8, BR-L, SKBPC, MT35-A, RS2, SBR25, M130, M140, MT, MT-B, PTVS, S25VB, S35VB, SMA, SMB, SMC, SOD123FL, SOD323FL, SOD123HE, SOD323HE, SMAF, SMBF, SMG, SME, TO-277, SOD-323S, DO-218, TO-263, TO-263L, TO-263-6L, TO-252, TO-220AB, TO-220AC, ITO-220AB, ITO-220AC, R6, TO-247, TO-247AB, TO-247AC, TO-247Plus, TO-247-4L, TO-247-2L, GF019, GF020, GF023, GF025, GF030K, GF030U, GF040, GF040C, GF040H, GFS, GF009, SOT-223, SOT-89, TOLL, PDFN5060, PDFN5060-8L, TO-220, TO-220F, TO-251S, TO-92, TO-247AD, STO-220, SOT-23-6L, SOT-23, SOT-363, SOT-323, SOT-523, SOT-563, SOT-723, SOT-223, SOT-89, SOD-123, SOD-323, SOD-523, SOP-8, SOT23-3L, SOT-353, SOT-553, SOT-343, SOD-882, MFN-9-1, SOP-7, SOD-723, DFN1006-2L, DFN1006-3L, DFN2710-10L, DFN2510-10L, DFN3333, DFN2030-6, DFN2020, DFN2020-6L, DFN5060-8L, DFN2020-3L, DFN2030-8L, DFN0603-2L, DFN1610-2L, DFN2510, QFN6060-48L, QFN4040-20L, QFN3030-16L, QFN6050-10L

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 A224012921110300201.

