

Test Report



Report No. A2260118726102004

Company Name shown on Report TAK CHEONG ELECTRONICS SHANWEI CO., LTD.

Address TAK CHEONG INDUSTRIAL ZONE, BUBIAN, SHANWEI, GUANGDONG, PRC

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

| | |
|----------------------|--------------------------------|
| Sample Name | Mini-MELF Glass-diodes |
| Lot No. | PH25082026N |
| Material | LEAD FREE GLASS TUBE |
| Sample Received Date | Feb. 10, 2026 |
| Testing Period | Feb. 10, 2026 to Feb. 12, 2026 |

Test Requested As specified by client, to test Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) 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

Date

Feb. 12, 2026

Hill Zheng

Technical Manager

No. R338859301

CTI 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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Test Method

| Test Item(s) | Test Method | Measured Equipment(s) |
|--|---|-----------------------|
| Lead (Pb) | IEC 62321-5:2013 | ICP-OES |
| Cadmium (Cd) | IEC 62321-5:2013 | ICP-OES |
| Mercury (Hg) | IEC 62321-4:2013+AMD1:2017 CSV | ICP-OES |
| Hexavalent Chromium (Cr(VI)) | IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013 | UV-Vis/ICP-OES |
| Polybrominated Biphenyls (PBBs) | IEC 62321-12:2023 | GC-MS |
| Polybrominated Diphenyl Ethers (PBDEs) | IEC 62321-12:2023 | GC-MS |
| Phthalates (DBP, BBP, DEHP, DIBP) | IEC 62321-12:2023 | GC-MS |

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Test Result(s)

| Tested Item(s) | Result | MDL |
|---|--------|----------|
| | 004 | |
| Lead (Pb) | N.D. | 2 mg/kg |
| Cadmium (Cd) | N.D. | 2 mg/kg |
| Mercury (Hg) | N.D. | 2 mg/kg |
| Hexavalent Chromium (Cr(VI)) | N.D. | 8 mg/kg |
| Tested Item(s) | Result | MDL |
| | 004 | |
| Polybrominated Biphenyls (PBBs) | | |
| Monobromobiphenyl | N.D. | 25 mg/kg |
| Dibromobiphenyl | N.D. | 25 mg/kg |
| Tribromobiphenyl | N.D. | 25 mg/kg |
| Tetrabromobiphenyl | N.D. | 25 mg/kg |
| Pentabromobiphenyl | N.D. | 25 mg/kg |
| Hexabromobiphenyl | N.D. | 25 mg/kg |
| Heptabromobiphenyl | N.D. | 25 mg/kg |
| Octabromobiphenyl | N.D. | 25 mg/kg |
| Nonabromobiphenyl | N.D. | 25 mg/kg |
| Decabromobiphenyl | N.D. | 25 mg/kg |
| Tested Item(s) | Result | MDL |
| | 004 | |
| Polybrominated Diphenyl Ethers (PBDEs) | | |
| Monobromodiphenyl ether | N.D. | 25 mg/kg |
| Dibromodiphenyl ether | N.D. | 25 mg/kg |
| Tribromodiphenyl ether | N.D. | 25 mg/kg |
| Tetrabromodiphenyl ether | N.D. | 25 mg/kg |
| Pentabromodiphenyl ether | N.D. | 25 mg/kg |
| Hexabromodiphenyl ether | N.D. | 25 mg/kg |
| Heptabromodiphenyl ether | N.D. | 25 mg/kg |
| Octabromodiphenyl ether | N.D. | 25 mg/kg |
| Nonabromodiphenyl ether | N.D. | 25 mg/kg |
| Decabromodiphenyl ether | N.D. | 25 mg/kg |

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Test Result(s)

| Tested Item(s) | Result | MDL |
|---|--------|----------|
| | 004 | |
| Phthalates (DBP, BBP, DEHP, DIBP) | | |
| Dibutyl phthalate (DBP) CAS#:84-74-2 | N.D. | 50 mg/kg |
| Butyl benzyl phthalate (BBP) CAS#:85-68-7 | N.D. | 50 mg/kg |
| Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7 | N.D. | 50 mg/kg |
| Diisobutyl phthalate (DIBP) CAS#:84-69-5 | N.D. | 50 mg/kg |

Sample/Part Description

| No. | CTI Sample ID | Description |
|-----|---------------|--|
| 1 | 004 | Electronic components(Tested as a whole) |

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.
 -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.
 -MDL = Method Detection Limit
 -N.D. = Not Detected (<MDL)
 -mg/kg = ppm = parts per million

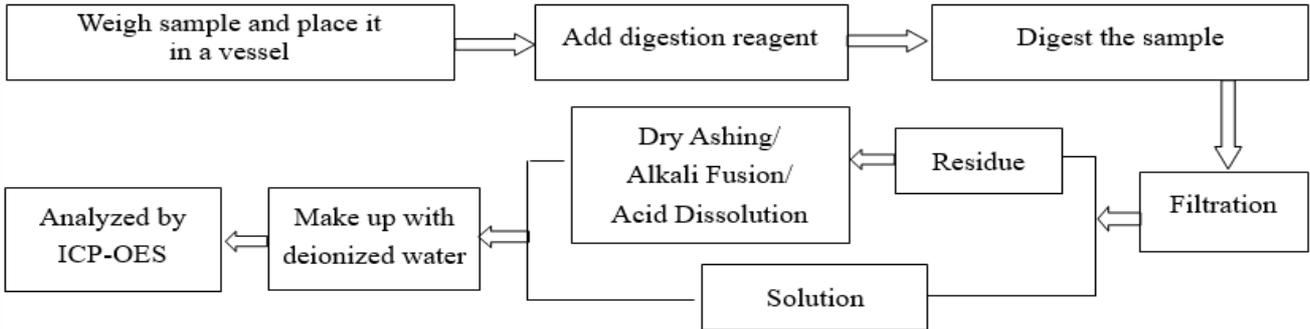
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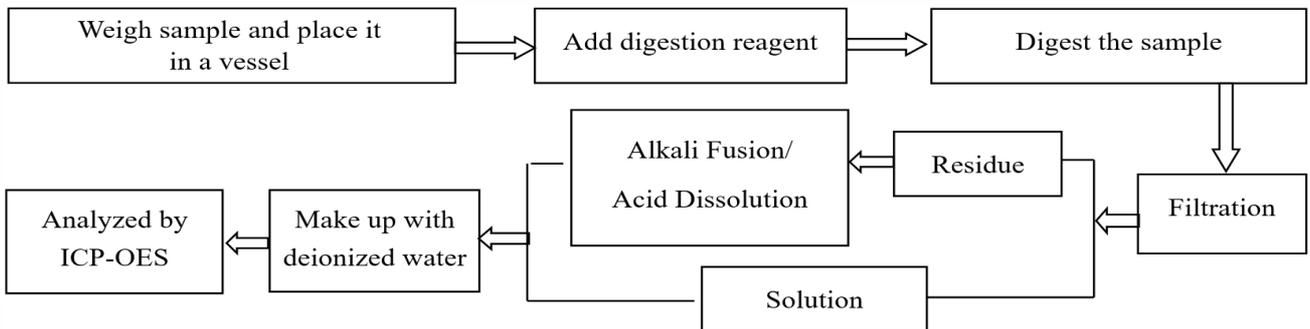
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Test Process

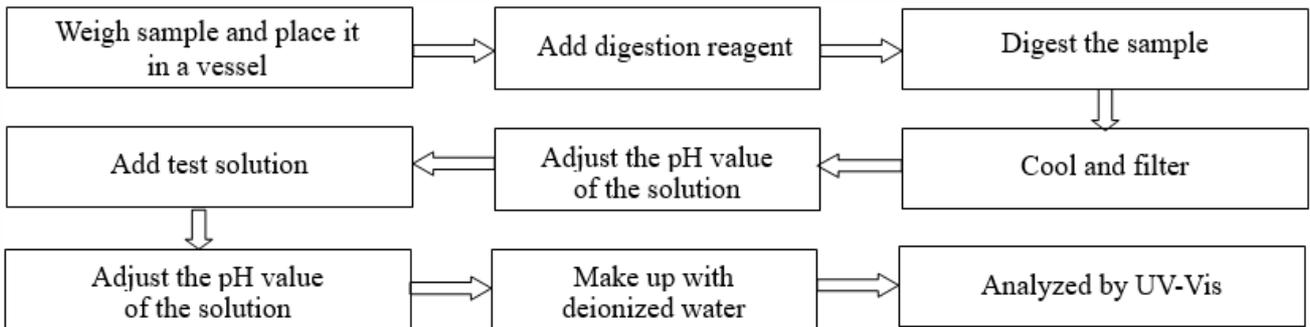
1. Lead (Pb), Cadmium (Cd), Chromium (Cr)



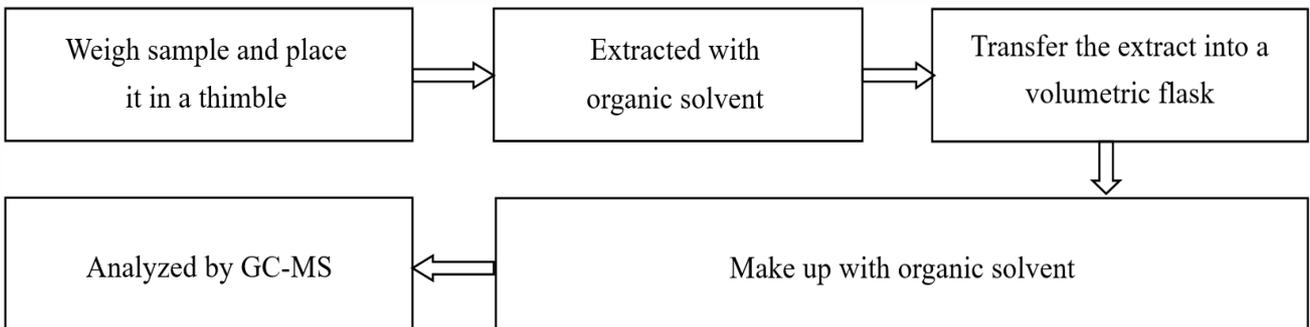
2. Mercury (Hg)



3. Hexavalent Chromium (Cr(VI))



4. Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers (PBDEs)



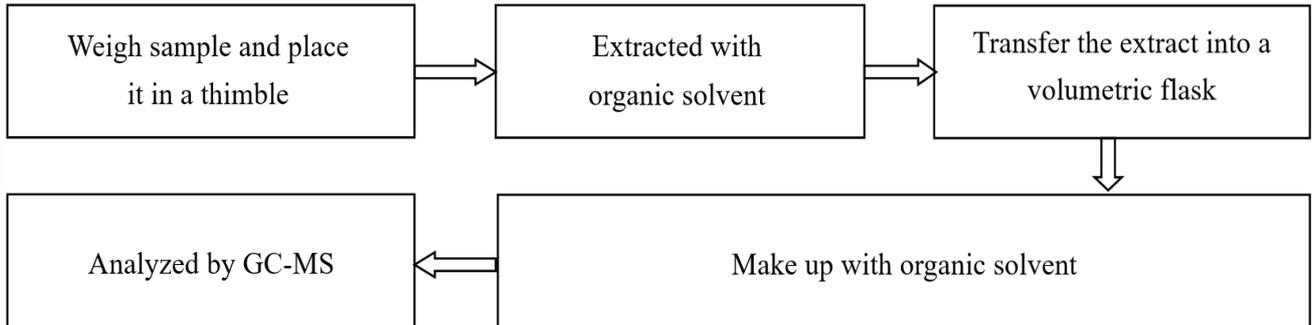
1-800-818-7243
 400-6788-333
 0755-33681700
 33681700

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5. Phthalates (DBP, BBP, DEHP, DIBP)

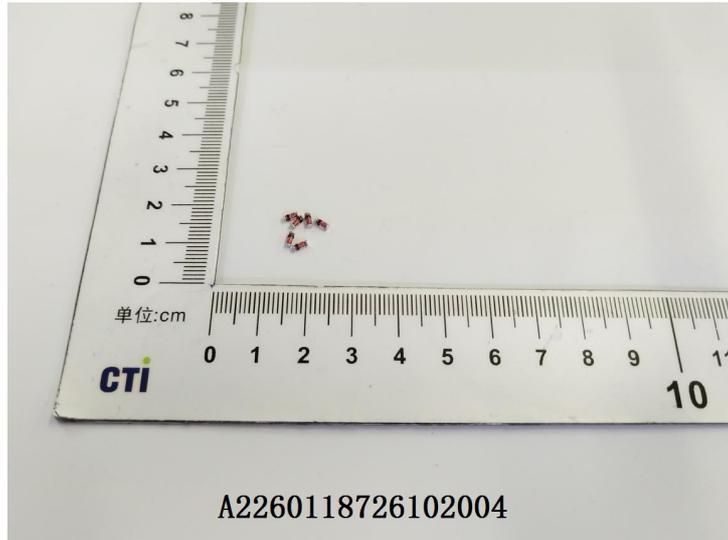


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Photo(s) of the sample(s)



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 reports (if generated), the Chinese version shall prevail.

*** End of report ***

Appendix

Client Reference Information

LL34/ LL41/SOD80C

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 A2260118726102004.