# Test Report

**No.:** CANEC26005422707 **Date:** Apr 01, 2026 

Client Name: SHENZHEN CHENGXING ELECTRONIC TECHNOLOGY CO LTD

Client Address: 705-709, NANGUANG BUILDING, 1004 HUAFU ROAD, HUAQIANG NORTH STREET, FUTIAN DISTRICT, SHENZHEN

Sample Name: ASSEMBLY LED

Model No.: XL-DZ304SYGD/4

Client Ref. Information: XL-XL-DZ304SYGD/4,XL-DZ304SYGD/1,XL-DZ304SYGD/2,XL-DZ304SYGD/3,3MM,5MM,234MM,Monochrome,Bicolor,Single hole,Multiple hole

Manufacturer: XINGLIGHT

Supplier: XINGLIGHT

Origin of the Product(s): China

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

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SGS Job No.: GZP26-005937

Sample Receiving Date: Mar 12, 2026

Testing Period: Mar 12, 2026 ~ Mar 19, 2026

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 |
|---|---|
| EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) | Pass |
| EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium and Hexavalent chromium | Pass |

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Scan to see the report

Jessie-JX Li
Approved Signatory

Unless otherwise agreed in

**Test Result(s):**

**Test Part Description**

| SN ID | Sample No. | SGS Sample ID | Description |
|---|---|---|---|
| SN1 | A4 | CAN26-0054227-0001.C004 | Black plastic |
| SN2 | A5 | CAN26-0054227-0001.C005 | Green plastic |
| SN3 | A6 | CAN26-0054227-0001.C006 | Silvery metal piece with chip |
| SN4 | A7 | CAN26-0054227-0001.C007 | Silvery metal pin |

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%
(2) MDL = Method Detection Limit
(3) ND = Not Detected (< MDL)
(4) "-" = Not Regulated

**EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)**

**Test Method:** With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

| Test Item(s) | Limit | Unit(s) | MDL | A4 | A5 |
|---|---|---|---|---|---|
| Lead (Pb) | 1000 | mg/kg | 2 | ND | ND |
| Mercury (Hg) | 1000 | mg/kg | 2 | ND | ND |
| Cadmium (Cd) | 100 | mg/kg | 2 | ND | ND |
| Hexavalent Chromium (Cr(VI)) | 1000 | mg/kg | 8 | ND | ND |
| Polybrominated biphenyls (PBB) | 1000 | mg/kg | - | ND | ND |
| Monobrominated biphenyl (MonoBB) | - | mg/kg | 25 | ND | ND |
| Dibrominated biphenyl (DiBB) | - | mg/kg | 25 | ND | ND |
| Tribrominated biphenyl (TriBB) | - | mg/kg | 25 | ND | ND |
| Tetrabrominated biphenyl (TetraBB) | - | mg/kg | 25 | ND | ND |
| Pentabrominated biphenyl (PentaBB) | - | mg/kg | 25 | ND | ND |
| Hexabrominated biphenyl (HexaBB) | - | mg/kg | 25 | ND | ND |
| Heptabrominated biphenyl (HeptaBB) | - | mg/kg | 25 | ND | ND |
| Octabrominated biphenyl (OctaBB) | - | mg/kg | 25 | ND | ND |
| Nonabrominated biphenyl (NonaBB) | - | mg/kg | 25 | ND | ND |
| Decabrominated biphenyl (DecaBB) | - | mg/kg | 25 | ND | ND |
| Polybrominated diphenyl ethers (PBDE) | 1000 | mg/kg | - | ND | ND |
| Monobrominated diphenyl ether (MonoBDE) | - | mg/kg | 25 | ND | ND |
| Dibrominated diphenyl ether (DiBDE) | - | mg/kg | 25 | ND | ND |
| Tribrominated diphenyl ether (TriBDE) | - | mg/kg | 25 | ND | ND |
| Tetrabrominated diphenyl ether (TetraBDE) | - | mg/kg | 25 | ND | ND |
| Pentabrominated diphenyl ether (PentaBDE) | - | mg/kg | 25 | ND | ND |
| Hexabrominated diphenyl ether (HexaBDE) | - | mg/kg | 25 | ND | ND |

Unless otherwise agreed in

| Test Item(s) | Limit | Unit(s) | MDL | A4 |
|---|---|---|---|---|

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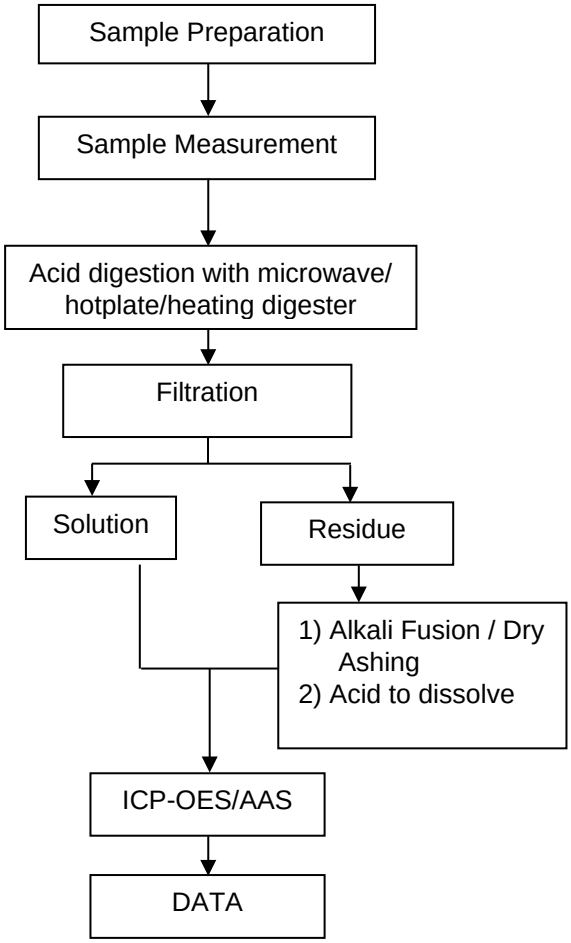
**ATTACHMENTS**

**Elements Testing Flow Chart**

These samples of Pb/Cd/Hg were dissolved totally by pre-conditioning method according to below flow chart.

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**ATTACHMENTS**

**Hexavalent Chromium (Cr(VI)) Testing Flow Chart**

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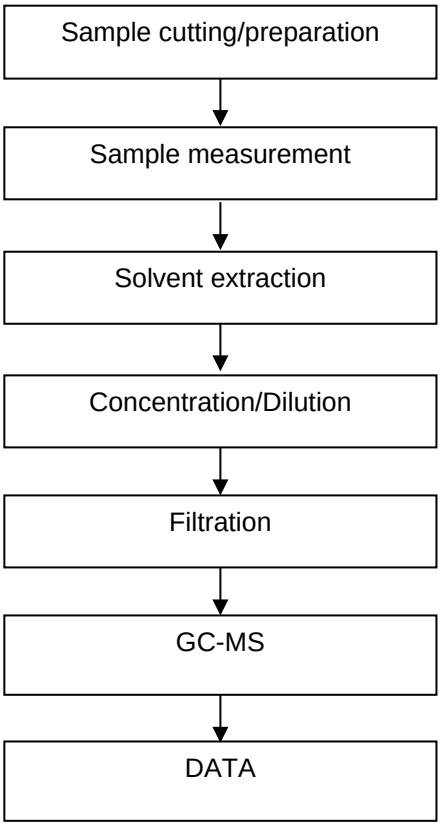
**ATTACHMENTS**

**PBB(s)/PBDE(s)/Phthalates Testing Flow Chart**

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**Test Report** **No.:** CANEC26005422707

CAN26-0054227-0001.C006

CAN26-0054227-0001.C007

SGS authenticate the photo on original report only

*** End of Report ***

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