

Test Report



Report No. A2250748048101001

Company Name SHENZHEN HUIJIA NEW MATERIALS TECHNOLOGY CO., LTD
shown on Report

Address BUILDING 3, GANGZAI INDUSTRIAL PARK, XINQIAO FURONG
INDUSTRIAL PARK, SHAJING TOWN, BAOAN DISTRICT, SHENZHEN

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

Sample Name LCP
Color BK
Lot No. 20250910-02
Sample Received Date Oct. 13, 2025
Testing Period Oct. 13, 2025 to Oct. 16, 2025

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).

Conclusion

| Tested Sample | According to standard/directive | Result |
|------------------|--------------------------------------------------------|--------|
| Submitted Sample | RoHS Directive 2011/65/EU with amendment (EU) 2015/863 | PASS |

PASS means that the results shown on the report comply with the limits set by RoHS Directive 2011/65/EU with amendment (EU) 2015/863.



Hill Zheng

Hill Zheng
Technical Manager

Date Oct. 16, 2025

No. R177731779

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 | Limit |
|-----------------------------------------------|--------|----------|------------|
| | 001 | | |
| Lead (Pb) | N.D. | 2 mg/kg | 1000 mg/kg |
| Cadmium (Cd) | N.D. | 2 mg/kg | 100 mg/kg |
| Mercury (Hg) | N.D. | 2 mg/kg | 1000 mg/kg |
| Hexavalent Chromium (Cr(VI)) | N.D. | 8 mg/kg | 1000 mg/kg |
| Tested Item(s) | Result | MDL | Limit |
| | 001 | | |
| Polybrominated Biphenyls (PBBs) | | | |
| Monobromobiphenyl | N.D. | 25 mg/kg | 1000 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 | Limit |
| | 001 | | |
| Polybrominated Diphenyl Ethers (PBDEs) | | | |
| Monobromodiphenyl ether | N.D. | 25 mg/kg | 1000 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 | Limit |
|-----------------------------------------------------|--------|----------|------------|
| | 001 | | |
| Phthalates (DBP, BBP, DEHP, DIBP) | | | |
| Dibutyl phthalate (DBP) CAS#:84-74-2 | N.D. | 50 mg/kg | 1000 mg/kg |
| Butyl benzyl phthalate (BBP) CAS#:85-68-7 | N.D. | 50 mg/kg | 1000 mg/kg |
| Di-(2-ethylhexyl) phthalate (DEHP) CAS#:117-81-7 | N.D. | 50 mg/kg | 1000 mg/kg |
| Diisobutyl phthalate (DIBP) CAS#:84-69-5 | N.D. | 50 mg/kg | 1000 mg/kg |

Sample/Part Description

| No. | CTI Sample ID | Description |
|-----|---------------|----------------------|
| 1 | 001 | Black plastic grains |

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

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

-mg/kg = ppm = parts per million

-1000 mg/kg = 0.1%

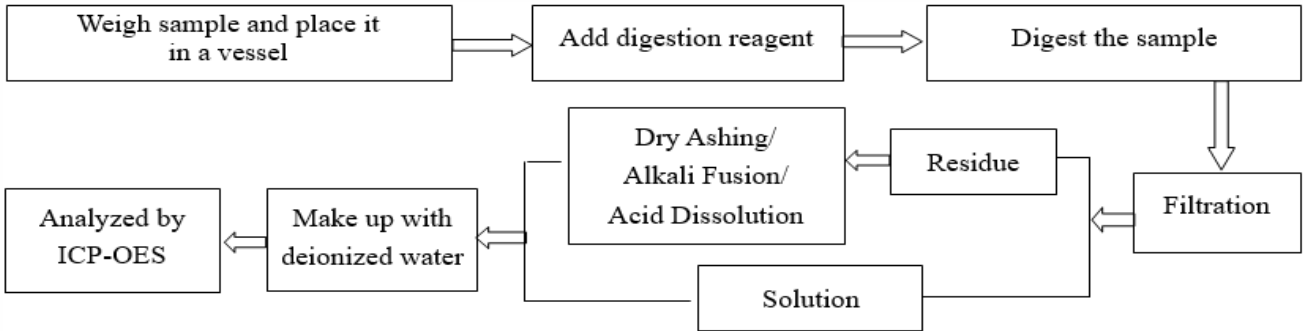
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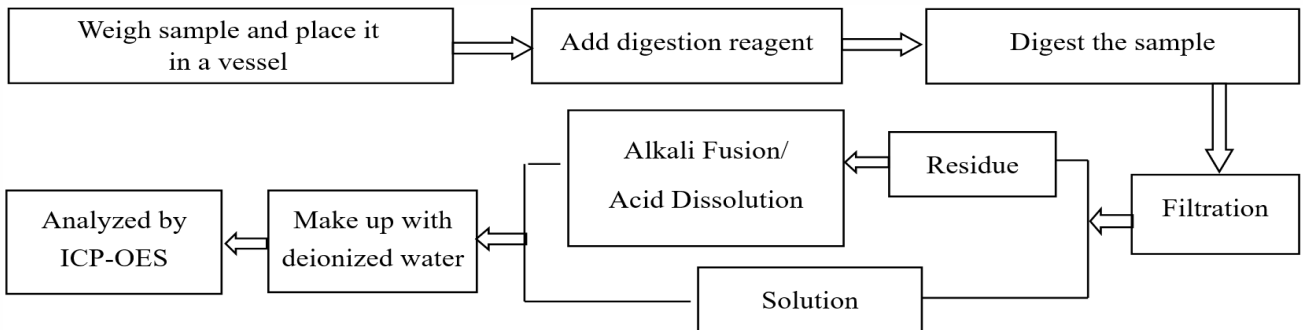
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Test Process

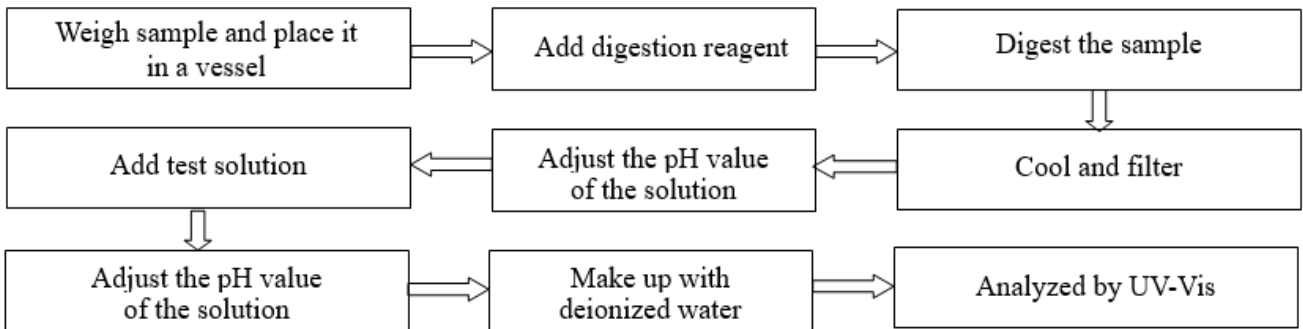
1. Lead (Pb), Cadmium (Cd), Chromium (Cr)



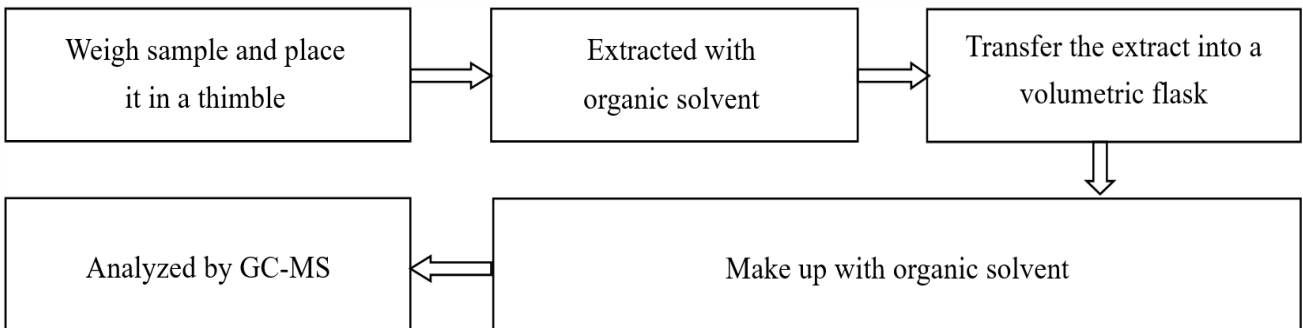
2. Mercury (Hg)



3. Hexavalent Chromium (Cr(VI))



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

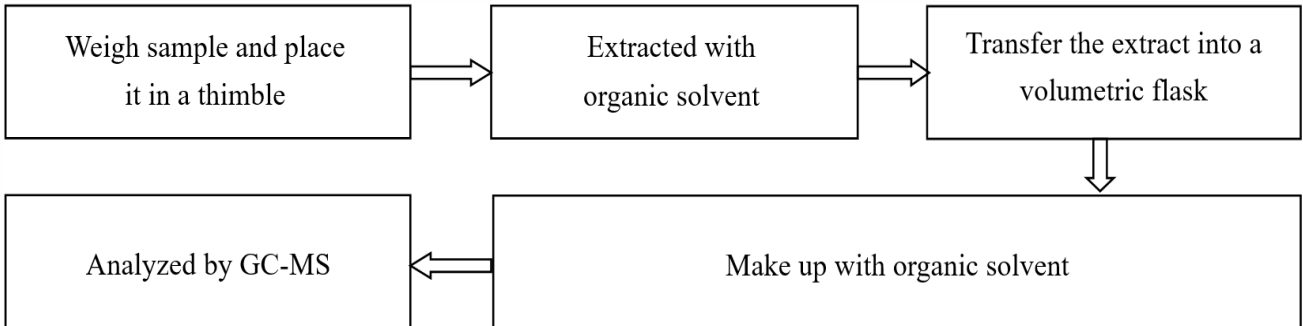


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5. Phthalates (DBP, BBP, DEHP, DIBP)



华测检测

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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 ***