RoHS TEST REPORT

Report No. : B-R210536609  Date: May 25, 2021  Page 1 of 7

Applicant : Shenzhen JDB Technology Co., Ltd.
Address : Room 301, Building No.32 Longwangmiao Industrial Zone, Fuyong Street, Bao’an District, Shenzhen, 518103, China
Client No : 07559562
Manufacturer : Shenzhen JDB Technology Co., Ltd.
Address : Room 301, Building No.32 Longwangmiao Industrial Zone, Fuyong Street, Bao’an District, Shenzhen, 518103, China

Report on the submitted sample said to be

Sample Name : PCB
Sample Received Date : May 19, 2021
Complete Date : May 25, 2021
Test Requested : As specified by client, to determine the Cadmium, Lead, Mercury, Hexavalent Chromium, PBBs / PBDEs, Bis-(2-ethylhexyl) Phthalate (DEHP), Diisobutyl phthalate(DIBP), Dibutyl Phthalate (DBP) & Benzylbutyl Phthalate (BBP) content in the submitted sample.


Written by: (Chen Qin)  Inspected by: (Austin Zhong)  Approved by: (Martin Wang)

FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)******

This report is considered invalidated without the Special Seal for Inspection of the Beide (Shenzhen) Product Service Limited. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of Beide (Shenzhen) Product Service Limited, this test report shall not be copied except in full and published as advertisement.

Beide (Shenzhen) Product Service Limited
6F, Bldg E, Hourui 3rd Ind Zone, Xixiang, Bao’an Dist, Shenzhen, China
Tel.: +86-755-27454498, Email: admin@szbeide.com
RoHS TEST REPORT

(1) Determination of Cadmium by ICP-OES.
(2) Determination of Lead by ICP-OES.
(3) Determination of Mercury by ICP-OES.
(4) Determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.
(5) Determination of PBBs / PBDEs content by GC-MS.
(6) Determination of phthalates by GC-MS.

Test Result(s):

<table>
<thead>
<tr>
<th>Test item</th>
<th>Unit</th>
<th>Limit</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB Cadmium (Cd).</td>
<td>mg/kg</td>
<td>100</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Lead (Pb).</td>
<td>mg/kg</td>
<td>1000</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Mercury (Hg).</td>
<td>mg/kg</td>
<td>1000</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Hexavalent Chromium (Cr VI).</td>
<td>mg/kg</td>
<td>1000</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Polybrominated Biphenyls (PBBs)</td>
<td>mg/kg</td>
<td>1000</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Monobromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Dibromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Tribromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Tetrabromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Pentabromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Hexabromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Heptabromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>PCB Octabromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
</tbody>
</table>

This report is considered invalidated without the Special Seal for Inspection of the Beide (Shenzhen) Product Service Limited. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of Beide (Shenzhen) Product Service Limited, this test report shall not be copied except in full and published as advertisement.

Beide (Shenzhen) Product Service Limited
6F, Bldg E, Haurui 3rd Ind Zone, Xixiang, Bao’an Dist, Shenzhen, China
Tel.: +86-755-27454498, Email: admin@szbeide.com
<table>
<thead>
<tr>
<th>Test item</th>
<th>Unit</th>
<th>Limit</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCB</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Nonabromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Decabromobiphenyl</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Polybrominated Diphenyl Ethers (PBDEs)</td>
<td>mg/kg</td>
<td>1000</td>
<td>N.D.</td>
</tr>
<tr>
<td>Monobromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Dibromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Tribromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Tetrabromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Pentabromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Hexabromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Heptabromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Octabromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Nonabromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Decabromodiphenyl Ether</td>
<td>mg/kg</td>
<td>/</td>
<td>N.D.</td>
</tr>
<tr>
<td>Diisobutyl phthalate(DIBP)</td>
<td>mg/kg</td>
<td>1000</td>
<td>N.D.</td>
</tr>
<tr>
<td>Dibutyl Phthalate (DBP)</td>
<td>%(w/w)</td>
<td>1000</td>
<td>N.D.</td>
</tr>
<tr>
<td>Benzylbutyl Phthalate (BBP)</td>
<td>%(w/w)</td>
<td>1000</td>
<td>N.D.</td>
</tr>
<tr>
<td>Bis-(2-ethylhexyl) Phthalate (DEHP)</td>
<td>%(w/w)</td>
<td>1000</td>
<td>N.D.</td>
</tr>
</tbody>
</table>
Note:
1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (<MDL)
3. N/A = Not Applicable
4. MDL = Method detection limit
5. MDL ≤ 2ppm
RoHS Testing Flow Chart

Sample Preparation

Sample Measurement

Pb/Cd/Hg

Acid digestion with microwave/

Filtration

Solution

Residue

1) Alkali Fusion / Dry Ashing
2) Acid to dissolve

ICP-OES/AAS

DATA

PBBs/PBDEs

Sample solvent extraction

Concentration/ Dilution of extraction

Filtration

Solution

Residue

Nonmetallic material

Adding digestion

Heating to 90~95℃ for extraction

Filtration and pH adjustment

Adding 1.5-Diphenylcarbazide for color

UV-Vis

DATA

A red color indicates the presence of Cr6+. If necessary, confirm with

Cr6+

Positive

Spot test

Negative

Metallic material

Boiling water extraction

Adding 1.5-Diphenylcarbazide for color

UV-Vis

DATA

This report is considered invalidated without the Special Seal for Inspection of the Beide (Shenzhen) Product Service Limited. This report shall not be altered, increased or deleted. The results shown in this test report refer only to the sample(s) tested. Without written approval of Beide (Shenzhen) Product Service Limited, this test report shall not be copied except in full and published as advertisement.
Phthalates Testing Flow Chart

1. Sample cutting / preparation
2. Sample Measurement
3. Solvent extraction
4. Concentration/Dilution
5. Filtration
6. GC-MS
7. DATA