

RoHS TEST REPORT

Report No. : B-R 200831745

Date: Aug. 31, 2020

Page 1 of 8

Applicant : Shenzhen Renhotec Technology Electronics Co., Ltd

Address : 8th Floor, Building 1, Yongfu Science and Technology Innovation Center Industrial Park, Nanzha District 5, Humen Town, Dongguan City, China

Client No : 0755B288

Manufacturer : Shenzhen Renhotec Technology Electronics Co., Ltd

Address : 8th Floor, Building 1, Yongfu Science and Technology Innovation Center Industrial Park, Nanzha District 5, Humen Town, Dongguan City, China



Report on the submitted sample said to be

Sample Name : Energy storage connector

Model No : RHT-1P6, RHT-1P8, RHT-1P12, HV series

Sample model : RHT-1P8

Sample Received Date : Aug. 26, 2020

Complete Date : Aug. 31, 2020

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.

Test Result(s) : Conform to RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.



Company No. 07113834 *****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Written by: Chen Qin
(Chen Qin)

Inspected by: Austin Zhong
(Austin Zhong)

Approved by: Martin Wang
(Martin Wang)



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.

RoHS TEST REPORT

Report No. : B-R 200831745

Date: Aug. 31, 2020

Page 2 of 8

Test Method: With reference to IEC 62321-4:2013:A1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015

- (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):

Test item	Unit	Limit	Result		
			Metal parts (1)	Black shell (2)	Red rubber (3)
Cadmium (Cd).	mg/kg	100	N.D.	N.D.	2.2528
Lead (Pb).	mg/kg	1000	N.D.	3.7695	5.2062
Mercury (Hg).	mg/kg	1000	N.D.	N.D.	7.5599
Hexavalent Chromium (Cr VI).	mg/kg	1000	N.D.	N.D.	N.D.
Polybrominated Biphenyls (PBBs)	mg/kg	1000	N.D.	N.D.	N.D.
Monobromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Dibromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Tribromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Tetrabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Pentabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Hexabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Heptabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Octabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.

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.

RoHS TEST REPORT

Report No. : B-R 200831745

Date: Aug. 31, 2020

Page 3 of 8

Test item	Unit	Limit	Result		
			Metal parts (1)	Black shell (2)	Red rubber (3)
Nonabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Decabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.
Polybrominated Diphenyl Ethers (PBDEs)	mg/kg	1000	N.D.	N.D.	N.D.
Monobromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Dibromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Tribromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Tetrabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Pentabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Hexabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Heptabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Octabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Nonabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Decabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.
Diisobutyl phthalate(DIBP)	mg/kg	1000	N/A	N.D.	N.D.
Dibutyl Phthalate (DBP)	%(w/w)	1000	N/A	N.D.	N.D.
Benzylbutyl Phthalate (BBP)	%(w/w)	1000	N/A	N.D.	N.D.
Bis-(2-ethylhexyl) Phthalate (DEHP)	%(w/w)	1000	N/A	N.D.	N.D.

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.

RoHS TEST REPORT

Report No. : B-R 200831745

Date: Aug. 31, 2020

Page 4 of 8

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (<MDL)
3. N/A = Not Applicable
4. MDL = Method detection limit



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.

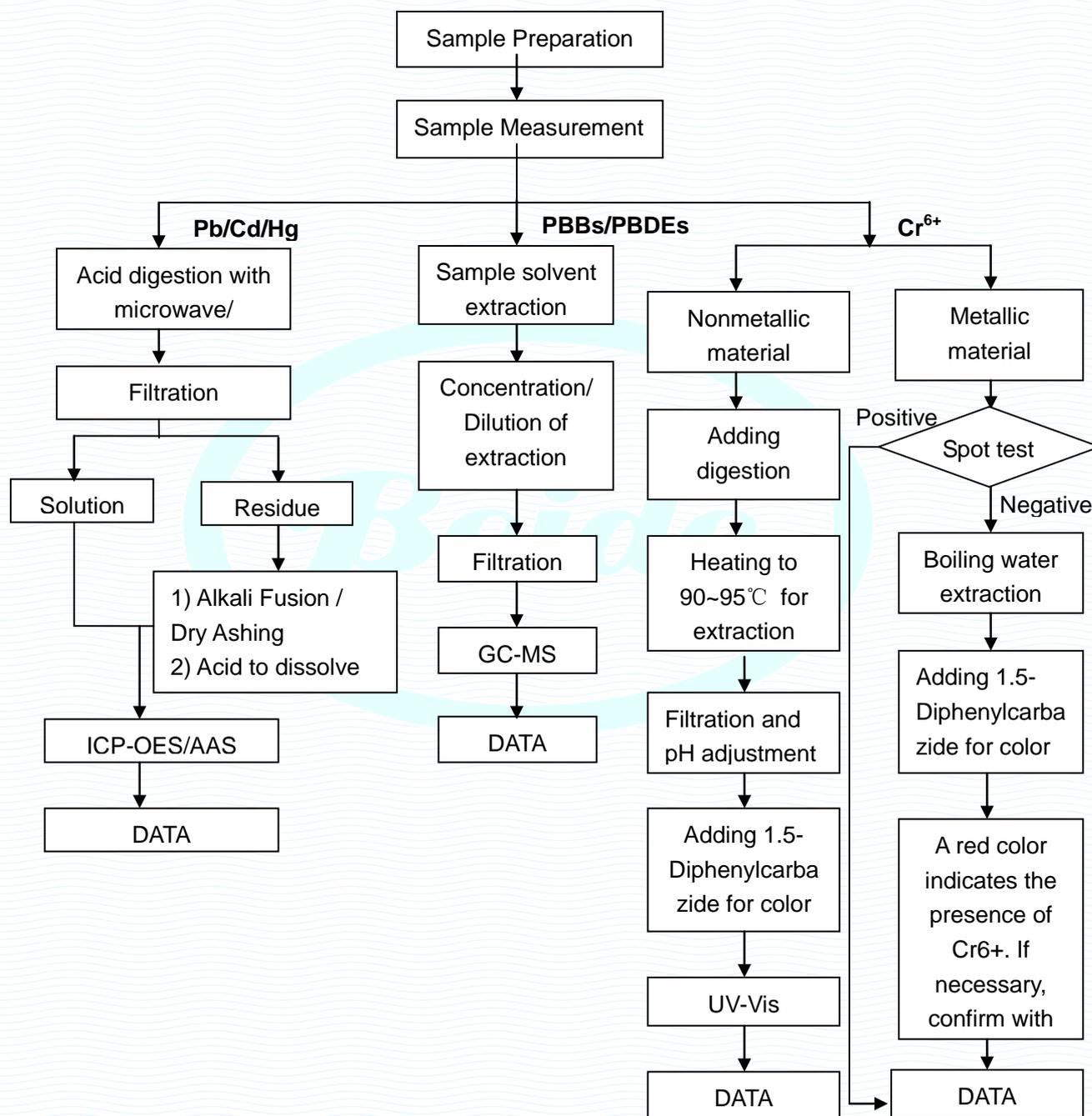
RoHS TEST REPORT

Report No. : B-R 200831745

Date: Aug. 31, 2020

Page 5 of 8

RoHS Testing Flow Chart



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.

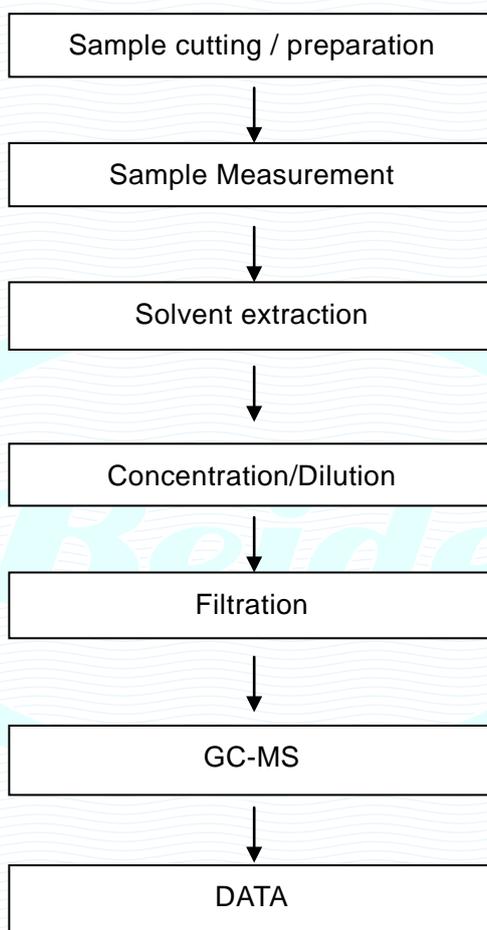
RoHS TEST REPORT

Report No. : B-R 200831745

Date: Aug. 31, 2020

Page 6 of 8

Phthalates Testing Flow Chart



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.

RoHS TEST REPORT

Report No. : B-R 200831745

Date: Aug. 31, 2020

Page 7 of 8

Photographs of Sample



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.

RoHS TEST REPORT

Report No. : B-R 200831745

Date: Aug. 31, 2020

Page 8 of 8



End of Report

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.