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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:

Inspected by

Bustin . Thong

(Austin Zhong)



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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):

			Result		
Test item	Unit	Limit	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	1	N.D.	N.D.	N.D.
Heptabromobiphenyl	mg/kg	1	N.D.	N.D.	N.D.
Octabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.



Report No.: B-R 200831745 Date: Aug. 31, 2020 Page 3 of 8 Result Test item Unit Limit Metal parts (1) Black shell (2) Red rubber (3) / Nonabromobiphenyl mg/kg N.D. N.D. N.D. 1 N.D. Decabromobiphenyl mg/kg N.D. N.D. Polybrominated Diphenyl mg/kg 1000 N.D. N.D. N.D. Ethers (PBDEs) / N.D. N.D. N.D. Monobromodiphenyl Ether mg/kg / Dibromodiphenyl Ether N.D. N.D. N.D. mg/kg Tribromodiphenyl Ether N.D. N.D. N.D. mg/kg Tetrabromodiphenyl Ether N.D. N.D. N.D. mg/kg / Pentabromodiphenyl Ether mg/kg N.D. N.D. N.D. Hexabromodiphenyl Ether N.D. N.D. N.D. mg/kg Heptabromodiphenyl Ether N.D. N.D. N.D. mg/kg Octabromodiphenyl Ether / N.D. N.D. N.D. mg/kg 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 N.D. %(w/w) 1000 N/A N.D. (BBP) Bis-(2-ethylhexyl) %(w/w) 1000 N/A N.D. N.D. Phthalate (DEHP)



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#### Note:

1. mg/kg = milligram per kilogram = ppm

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

3. N/A = Not Applicable

4. MDL = Method detection limit





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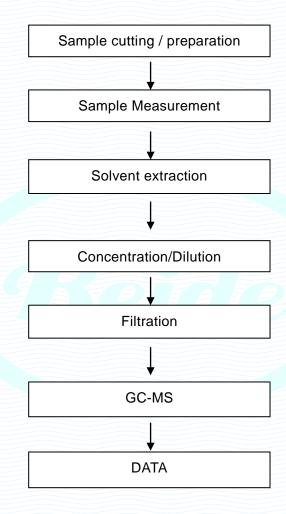
DATA

**DATA** 



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#### **Phthalates Testing Flow Chart**





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#### **Photographs of Sample**







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\*\*\*End of Report\*\*\*