

# RoHS TEST REPORT

Report No. : B-R2410C4548

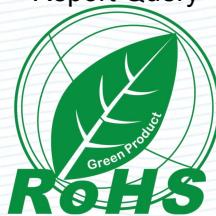
Date: 2024-11-01

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Applicant : Dongguan Maywah Electronics Co., Ltd  
Address : Bldg. A, Jufeng Decheng Ind. Zone, No. 319 Yilong Road, Jinxia  
Community, Chang'an Town, Dongguan City, Guangdong Province, China  
Client ID : CC3500  
Manufacturer : Same As Holder

Report Query



## Report on the submitted sample said to be

Sample Name : PV Connector

Model No. : PV-LTM4, PV-MC, PV-MC(PC), PV-MC(PC2), PV-MC(PC3), PV-BMC, PV-BMC(PC), PV-15MC, PV-15MC(PC), PV-15BMC, PV-15BMC(PC), PV-MC10, MC-F, MC-1510F, MC-1515F, MC-1520F, MC-1530F, MC-1520FC(MC-1510FC/MC-1515FC/MC-1530FC), MC-1520FCM(MC-1510FCM/MC-1515FCM/MC-1530FCM), MC-1520FCF(MC-1510FCF/MC-1515FCF/MC-1530FCF), MC-D, MC1510D, MC1515D, MC1520D, MC1530D, MCY201, MCY301, MCY401, 15MCY201, 15MCY301, 15MCY401, MCH201, MCH301, MCH401, MCH501, MCH601, MC-C, MC-ADB50, MC-ADS45, MC-SAE065R, MC-LP20, MC DC045, MCDC7909, MCDC4017, MCDC5521, MC-DC35135, MC-2Y, MC-3Y, MC-4Y, MC-2T, MC-3T, MC-4T, MC-5Y, MC-5T, PV-HL2T, PV-HL2B, PV-HL3T, PV-HL3B, PV-HL4T, PV-HL4B, PV-HL5T, PV-HL5B

Sample model : PV-LTM4

Sample Received Date : 2024-10-28

Complete Date : 2024-11-01

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.

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

Written by: Shen Xiao Inspected by: Austin Zhong

(Shen Xiao)

(Austin Zhong)



(Martin Wang)

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Test Method: With reference to IEC 62321-3-1:2013, IEC 62321-4:2013+A1:2017, IEC 62321-5:2013, IEC 62321-6:2015, IEC 62321-7-1:2015, IEC 62321-7-2:2017, IEC 62321-8:2017, EN IEC 63000:2018

- (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 Pipes (1)	Orange Rubber Ring (2)	Black Plastic (3)	Red rubber ring (4)
Cadmium (Cd).	mg/kg	100	25.7329	N.D.	N.D.	4.0434
Lead (Pb).	mg/kg	1000	N.D.	N.D.	N.D.	N.D.
Mercury (Hg).	mg/kg	1000	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (Cr VI).	mg/kg	1000	N.D.	N.D.	N.D.	N.D.
Polybrominated Biphenyls (PBBs)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.
Monobromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Dibromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Tribromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Tetrabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Pentabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Hexabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Heptabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Octabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.

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Test item	Unit	Limit	Result			
			Metal Pipes (1)	Orange Rubber Ring (2)	Black Plastic (3)	Red rubber ring (4)
Nonabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Decabromobiphenyl	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Polybrominated Diphenyl Ethers (PBDEs)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.
Monobromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Dibromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Tribromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Tetrabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Pentabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Hexabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Heptabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Octabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Nonabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Decabromodiphenyl Ether	mg/kg	/	N.D.	N.D.	N.D.	N.D.
Diisobutyl phthalate(DIBP)	mg/kg	1000	N/A	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	%(w/w)	1000	N/A	N.D.	N.D.	N.D.
Benzylbutyl Phthalate (BBP)	%(w/w)	1000	N/A	N.D.	N.D.	N.D.
Bis-(2-ethylhexyl) Phthalate (DEHP)	%(w/w)	1000	N/A	N.D.	N.D.	N.D.

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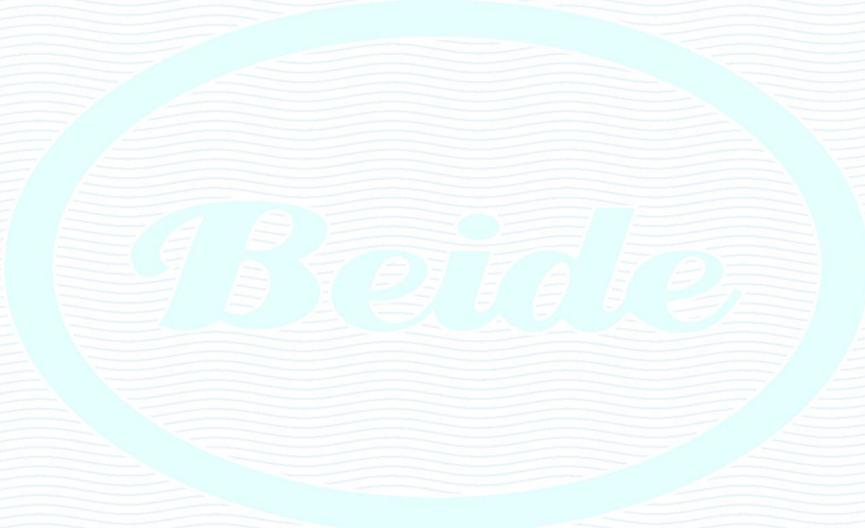
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**Note:**

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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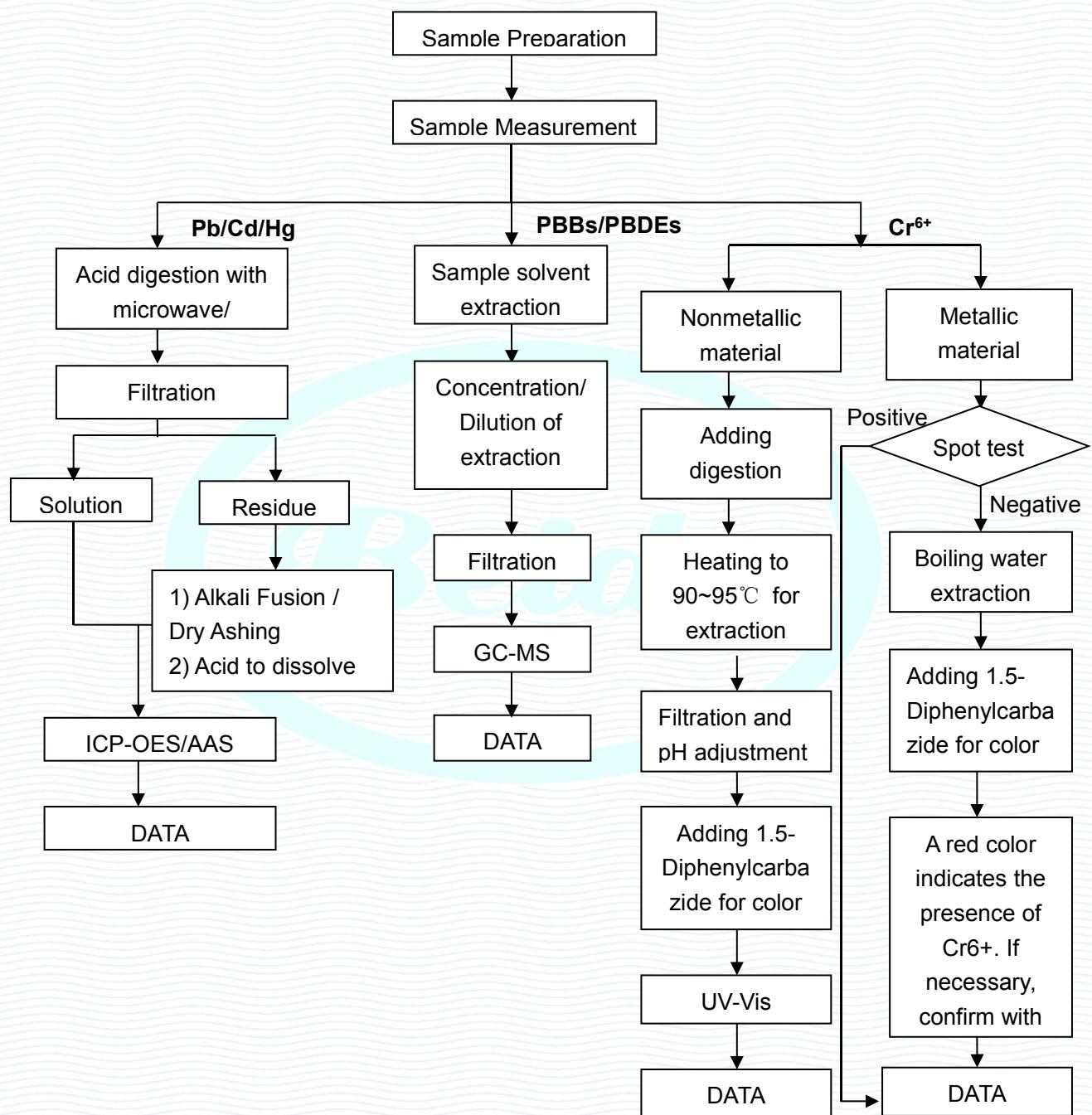
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## RoHS Testing Flow Chart



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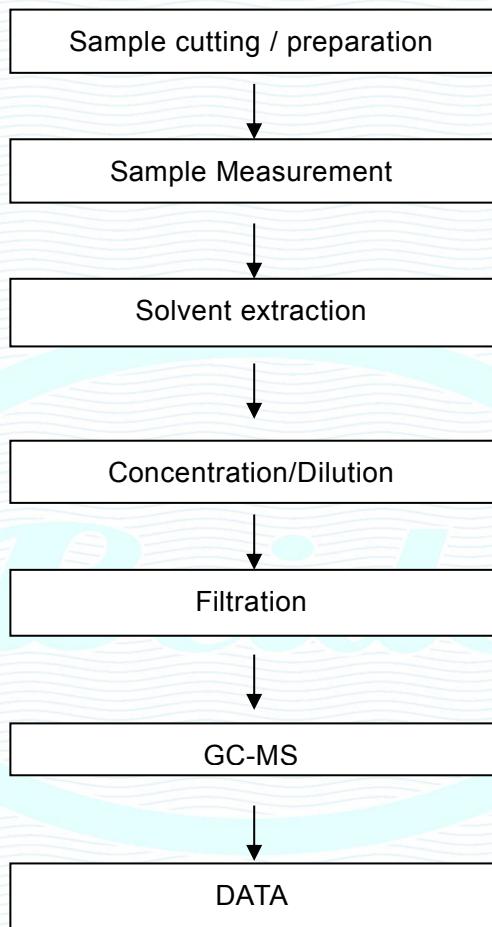
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## Phthalates Testing Flow Chart



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## Photographs of Samples



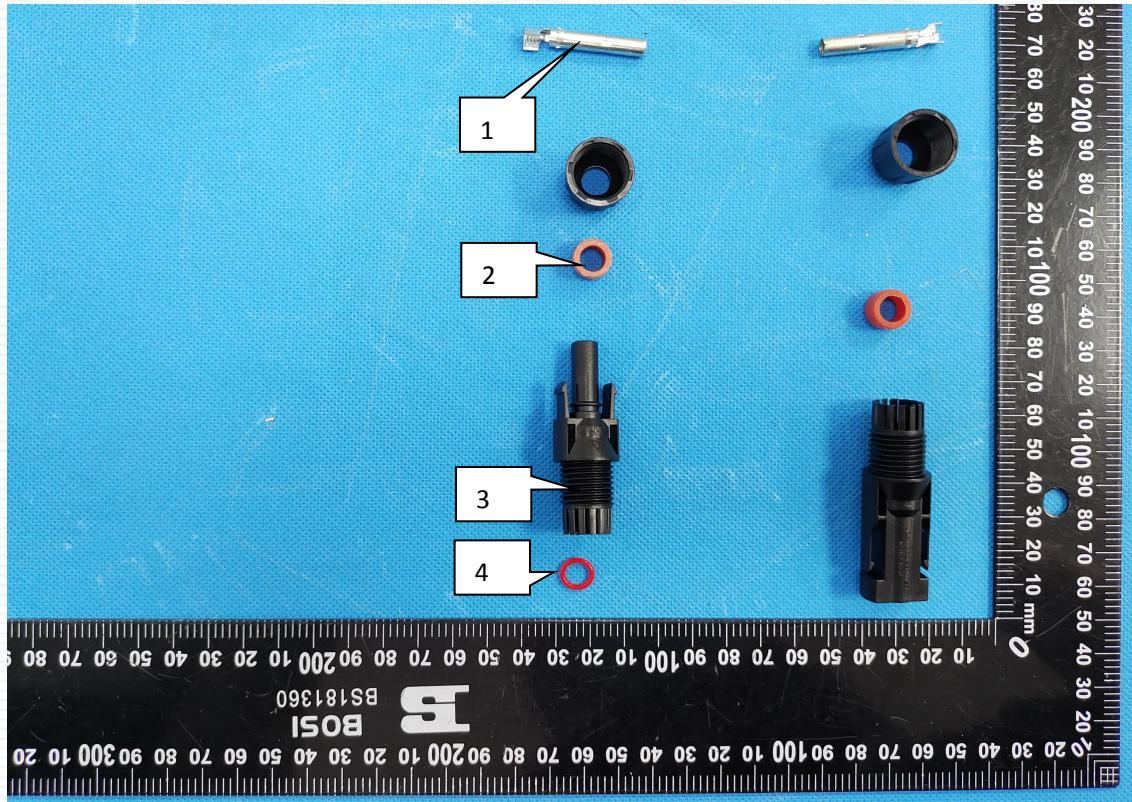
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\*\*\*End of Report\*\*\*

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