



## Test Report

No. JQL200612515-4R

Date: June 17, 2020

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## ROHS REPORT

Applicant:

Address:

Manufacturer:

Address:

The following samples were submitted and identified on behalf of the clients

Sample Name: Bluetooth Speaker

Model No.

Brand Name: N/A

Sample Received Date: June 12, 2020

Test Period: June 12, 2020 to June 17, 2020

Test Method: Please refer to next pages

Result Summary:

Item	Test parameter	Conclusion
1	RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102. ---Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(CrVI), PBBs and PBDEs, DBP, BBP, DEHP, DIBP	<b>PASS</b>

Signed for and on behalf of

  
**Lris Ma**  
**Approved Signatory**

Prepared By:

Shenzhen Jialian Testing Consulting Co., Ltd.

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### Sample Description:

No.	Part Name
1	Black metal case
2	Black plastic key
3	Metal USB interface
4	Mixed metal part
5	Mixed non-metallic part
6	Black wire
7	Red wire

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### Pb, Cd, Hg, Cr(VI), PBBs, PBDEs Test Results:

Test item	MDL (mg/kg)	Result (mg/kg)							Limit (mg/kg)
		1	2	3	4	5	6	7	
Lead(Pb)	2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Cadmium(Cd)	2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	100
Mercury(Hg)	2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Hexavalent Chromium(CrVI)	8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Sum of PBBs	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Monobromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Dibromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Tribromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Octabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Nonabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Decabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Sum of PBDEs	-	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Monobromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Dibromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Tribromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Tetrabromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Pentabromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Hexabromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Heptabromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Octabromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Nonabromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--
Decabromobiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	--

Note:

- 1 ppm=1mg/kg=0.0001%
- N.D.=Not Detected (less than MDL)
- MDL=Method Detection Limit
- "--" = Not Regulate

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### Phthalate Test Results:

Test item	MDL (mg/kg)	Result (mg/kg)				Limit
		2	5	6	7	
Dibutyl phthalate (DBP)	50	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl Phthalate(BBP)	50	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl)phthalate(DEHP)	50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl ortho-phthalate (DIBP)	50	N.D.	N.D.	N.D.	N.D.	1000

Note:

1. 1ppm=1mg/kg=0.0001%
2. N.D.=Not Detected (less than MDL)
3. MDL=Method Detection Limit

RoHS Directive (EU)2015/863 amending Annex II to Directive 2011/65/EU

Test Method: With reference to IEC 62321-4:2013, IEC62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

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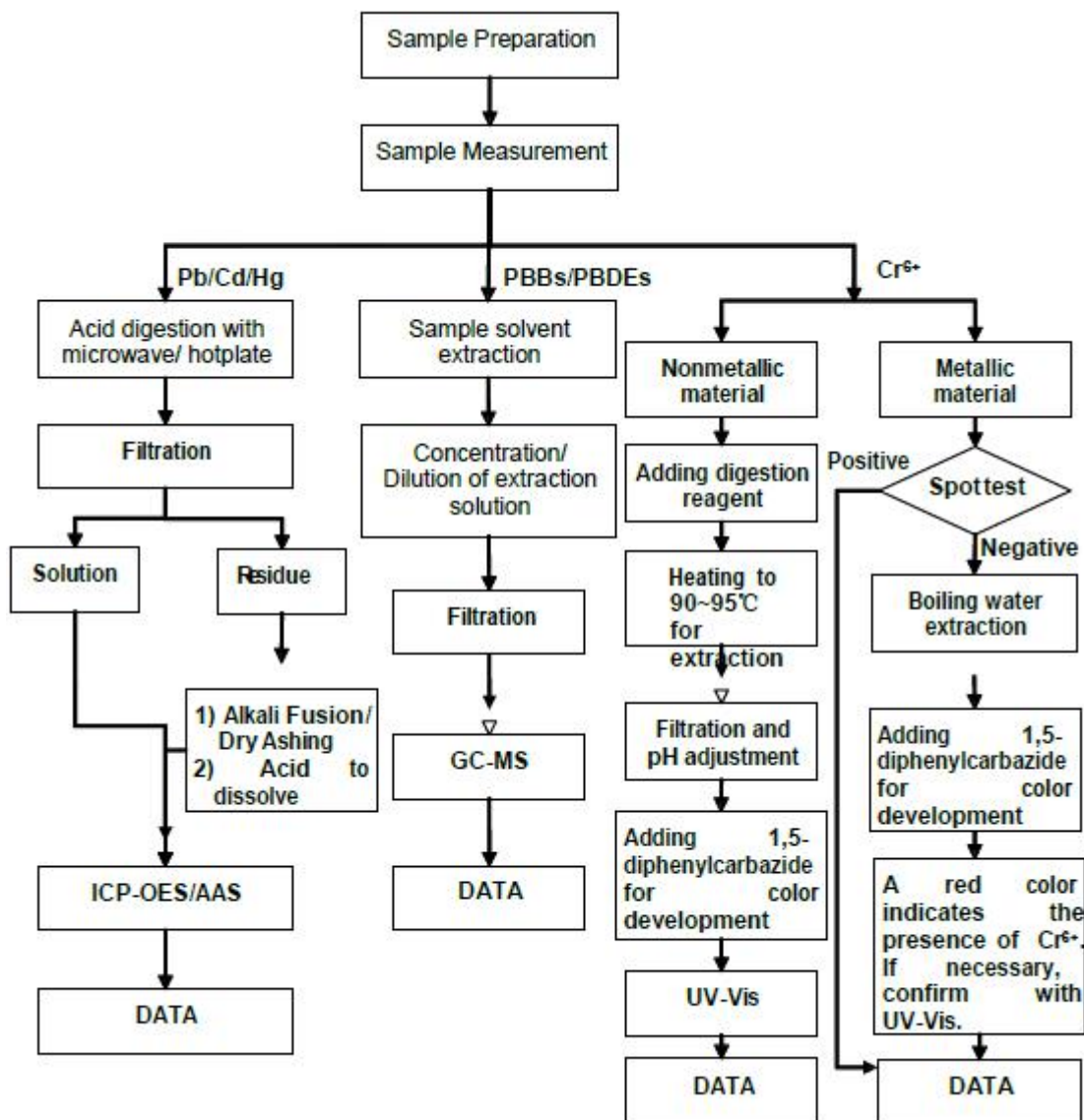
Date: June 17, 2020

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### ATTACHMENTS:

#### RoHS Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart (Cr<sup>6+</sup> and PBBs/PBDEs test method excluded).



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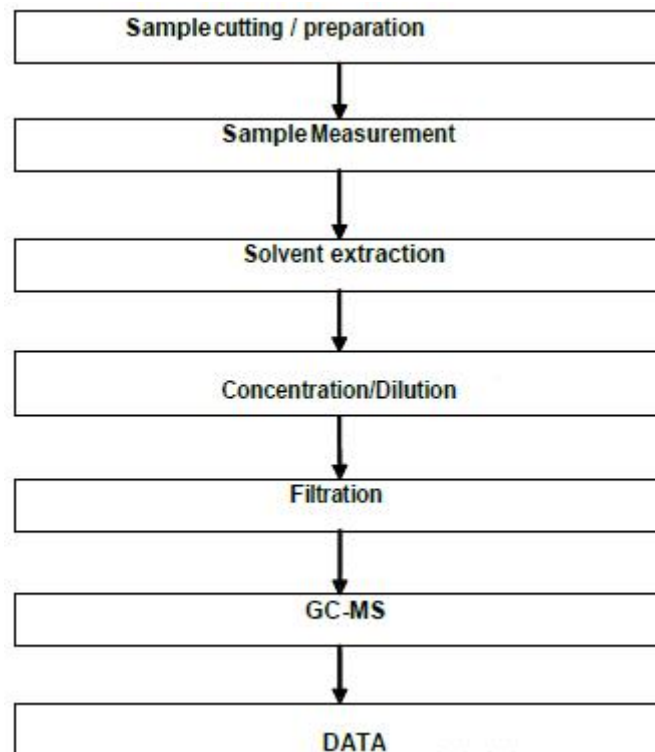
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### HBCDD Testing Flow Chart



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### Sample Photo:



**\*\*\*\*\* END OF REPORT \*\*\*\*\***

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