Test Report

No. BCTC-FYC180020401R Date: Feb. 08, 2018

Applicant	:	
Address	:	

The submitted sample and sample information was/were submitted and identified by/on the behalf of the client

Sample name	:	Bluetooth Speakers
Testing type /model	:	MS-056
Additional type /model	:	MS-053, MS-020, MS-021, MS-022, MS-023, MS-024, MS-025, MS-026, MS-028, MS-029, MS-086
Manufacturer	:	;
Address	:	
Sample received date	:	Feb. 05, 2018
Testing period	:	Feb. 05, 2018 - Feb. 08, 2018
Test requested	:	As specified by client, to test the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyl(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Dibutyl phthalate(DBP), Di-2-ethylhexyl phthalate(DEHP), Di-isobutyl phthalate(DIBP), Benzyl butyl phthalate(BBP) in the submitted sample.

According to the RoHS Directive 2011/65/EU and amending the content (EU) 2015/863.

*****For more detailed information, please refer to the next page*****

Tested by Judy Zou

倍测检测 BCTC APPROVED SHENZHEN BCTC TESTING CO., LTD

Approved by Jinchang

Test Report

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	MDL Unit (mg/kg)
Lead(Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2
Cadmium(Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2
Mercury(Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES	2
Hexavalent Chromium(Cr(VI))	IEC 62321-7-2:2017 Ed.1.0	UV-Vis	8
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015 Ed.1.0	GC-MS	5
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015 Ed.1.0	GC-MS	5
Phthalates	IEC 62321-8:2017 Ed.1.0	GC-MS	50

Tested Sample/Part Description:

1 Black rubber
2 Black translucent plastic sheet
3 Silver plastic
4 White plastic
5 Silver plastic
6 Green PCB
7 Red wire jacket

Test Result(s):

Tested Item(s)	Result Unit (mg/kg)							Acceptable Limit Unit (mg/kg)
	1	2	3	4	5	6	7	
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	100
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Hexavalent Chromium (Cr(VI))	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000

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Tested Item(s)	Result Unit (mg/kg)				Limit Unit (mg/kg)
	1	2	3	4	
Polybrominated Biphenyls(PBBs)	N.D.	N.D.	N.D.	N.D.	1000
Monobromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Dibromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Tribromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Tetrabromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Pentabromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Hexabromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Heptabromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Octabromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Nonabromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Decabromobiphenyl	N.D.	N.D.	N.D.	N.D.	--
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	N.D.	N.D.	N.D.	1000
Monobromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Dibromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Tribromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Pentabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Hexabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Heptabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Octabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Nonabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--
Decabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	--

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Tested Item(s)	Result Unit (mg/kg)			Limit Unit (mg/kg)
	5	6	7	
Polybrominated Biphenyls(PBBs)	N.D.	N.D.	N.D.	1000
Monobromobiphenyl	N.D.	N.D.	N.D.	--
Dibromobiphenyl	N.D.	N.D.	N.D.	--
Tribromobiphenyl	N.D.	N.D.	N.D.	--
Tetrabromobiphenyl	N.D.	N.D.	N.D.	--
Pentabromobiphenyl	N.D.	N.D.	N.D.	--
Hexabromobiphenyl	N.D.	N.D.	N.D.	--
Heptabromobiphenyl	N.D.	N.D.	N.D.	--
Octabromobiphenyl	N.D.	N.D.	N.D.	--
Nonabromobiphenyl	N.D.	N.D.	N.D.	--
Decabromobiphenyl	N.D.	N.D.	N.D.	--
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	N.D.	N.D.	1000
Monobromodiphenyl ether	N.D.	N.D.	N.D.	--
Dibromodiphenyl ether	N.D.	N.D.	N.D.	--
Tribromodiphenyl ether	N.D.	N.D.	N.D.	--
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.	--
Pentabromodiphenyl ether	N.D.	N.D.	N.D.	--
Hexabromodiphenyl ether	N.D.	N.D.	N.D.	--
Heptabromodiphenyl ether	N.D.	N.D.	N.D.	--
Octabromodiphenyl ether	N.D.	N.D.	N.D.	--
Nonabromodiphenyl ether	N.D.	N.D.	N.D.	--
Decabromodiphenyl ether	N.D.	N.D.	N.D.	--

Tested Item(s)	Result Unit (mg/kg)							Acceptable Limit Unit (mg/kg)
	1	2	3	4	5	6	7	
Di-isobutyl phthalate(DIBP) CAS #:84-69-5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate(DBP) CAS #:84-74-2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	71	1000
Benzylbutyl phthalate(BBP) CAS #:85-68-7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di-2-ethylhexyl phthalate(DEHP) CAS #:117-81-7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	1000

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Note:

-MDL = Method Detection Limit

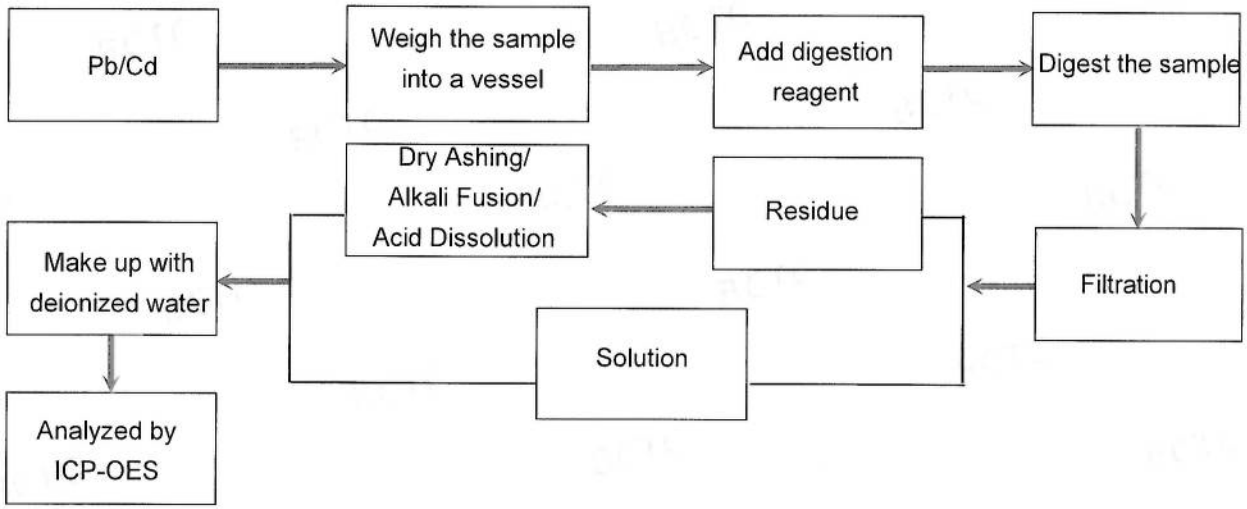
-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

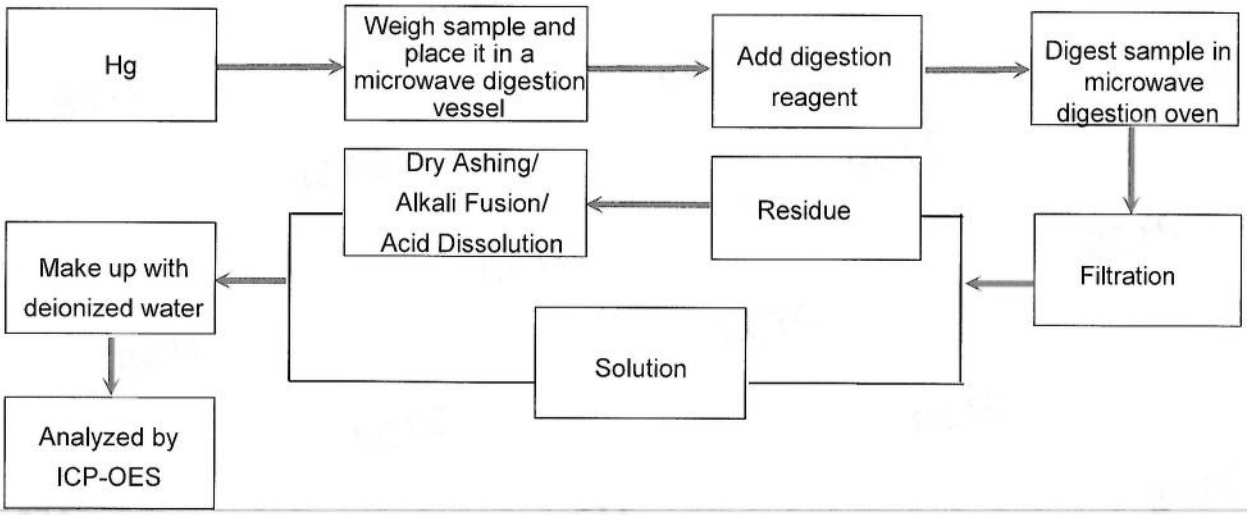
Test Process:

The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

◆IEC 62321-5:2013 Ed.1.0



◆IEC 62321-4:2013 Ed.1.0



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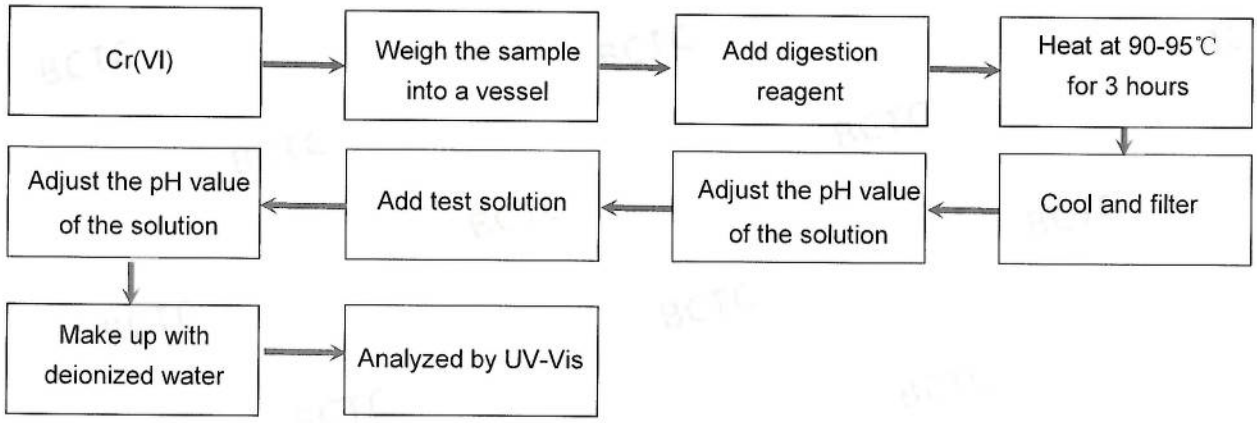
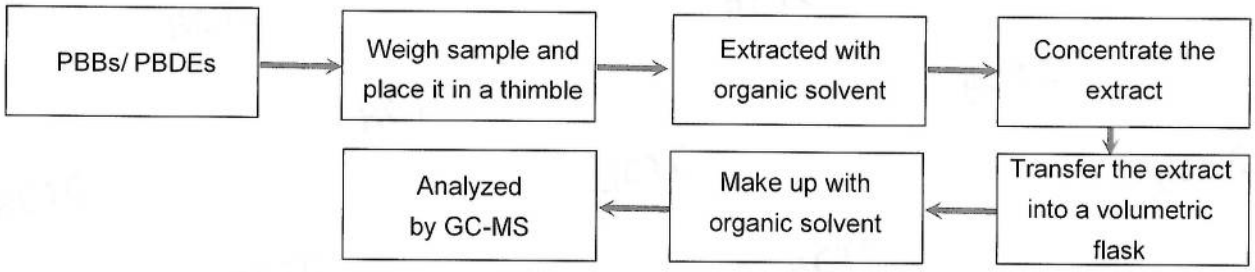
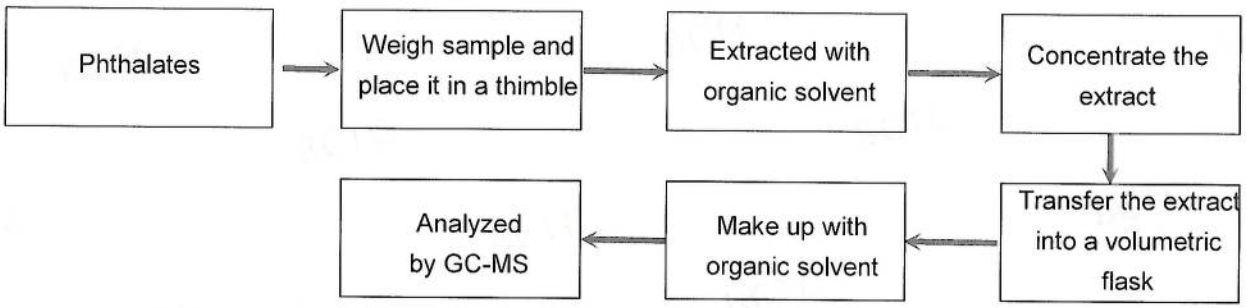
◆IEC 62321-7-2:2017 Ed.1.0



◆IEC 62321-6:2015 Ed.1.0



◆ IEC 62321-8:2017 Ed.1.0



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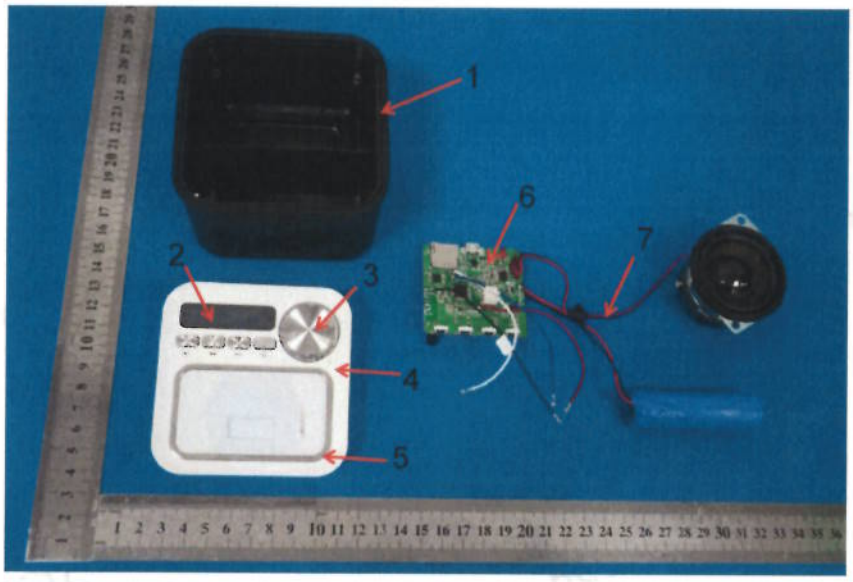
Photograph of Sample



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