

TEST REPORT

No.:ED161012025CEV1-01

Date: October 18, 2016

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Applicant :

Address :

Sample Name : Headset

Style/Item No. : P326.903

Sample Received Date : October 12, 2016

Testing Completed Date : October 18, 2016

Test Requested : As requested by client, according to the directive 2011/65/EU (RoHS), to determine

- 1) the content of Cadmium, Lead and Mercury in the submitted sample;
- 2) the content of Hexavalent Chromium in the submitted sample;
- 3) the content of PBBs (polybrominated biphenyls) and PBDEs (Polybrominated diphenyl-ethers) in the submitted sample.

Test Results : Please refer to next page(s).

Conclusion:

The test results for the submitted sample **COMPLY WITH** the requirements of RoHS Directive 2011/65/EU.

Signed for and on behalf of
EMTEK (Dongguan) Co., Ltd.

Prepared by:

Kira

Kira Fu
Report Engineer

Reviewed by:

Carrie

Carrie Zhang
Supervisor

Approved by:

Lainey

Lainey Qin
Lab Director

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Test Results:

Test Method: 1) to refer to IEC 62321-5: 2013, determine the Cadmium, Lead content by ICP-OES.
2) to refer to IEC 62321-4: 2013, determine the Mercury content by ICP-OES.
3) to refer to IEC 62321:2008 Ed.1, determine the Hexavalent Chromium content by UV-VIS.
4) to refer to IEC 62321-6:2015, determine the Polybrominated Biphenyls and Polybrominated Diphenyl Ethers by GC-MS.

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Law Limit (mg/kg)
	1	2	3		
Cadmium (Cd)	ND	ND	ND	2	100
Lead (Pb)	ND	ND	ND	2	1000
Mercury (Hg)	ND	ND	ND	2	1000
Hexavalent Chromium (Cr ⁶⁺)	ND	ND	ND	2	1000

Test Item	Result (mg/kg)			Reporting Limit (mg/kg)	Law Limit (mg/kg)
	1	2	3		
Polybrominated Biphenyls (Mono – Deca) (PBBs)	< 50	< 50	< 50	--	1000
Monobromobiphenyl	ND	ND	ND	5	--
Dibromobiphenyl	ND	ND	ND	5	--
Tribromobiphenyl	ND	ND	ND	5	--
Tetrabromobiphenyl	ND	ND	ND	5	--
Pentabromobiphenyl	ND	ND	ND	5	--
Hexabromobiphenyl	ND	ND	ND	5	--
Heptabromobiphenyl	ND	ND	ND	5	--
Octabromobiphenyl	ND	ND	ND	5	--
Nonabromobiphenyl	ND	ND	ND	5	--
Decabromobiphenyl	ND	ND	ND	5	--
Polybrominated Diphenylethers (Mono – Deca) (PBDEs)	< 50	< 50	< 50	--	1000
Monobromodiphenyl ether	ND	ND	ND	5	--
Dibromodiphenyl ether	ND	ND	ND	5	--
Tribromodiphenyl ether	ND	ND	ND	5	--
Tetrabromodiphenyl ether	ND	ND	ND	5	--
Pentabromodiphenyl ether	ND	ND	ND	5	--
Hexabromodiphenyl ether	ND	ND	ND	5	--
Heptabromodiphenyl ether	ND	ND	ND	5	--
Octabromodiphenyl ether	ND	ND	ND	5	--
Nonabromodiphenyl ether	ND	ND	ND	5	--
Decabromodiphenyl ether	ND	ND	ND	5	--

Note: mg/kg = part per million = ppm ND = Not Detected (Less than reporting limit value.)

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Test Material List:

Item No.	Description
1	White hard plastic (support of earphone)
2	White soft plastic (wire)
3	White soft plastic (plug)

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Photo Appendix



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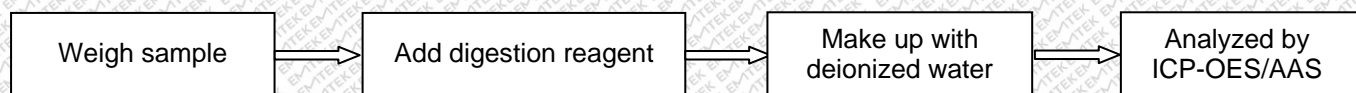
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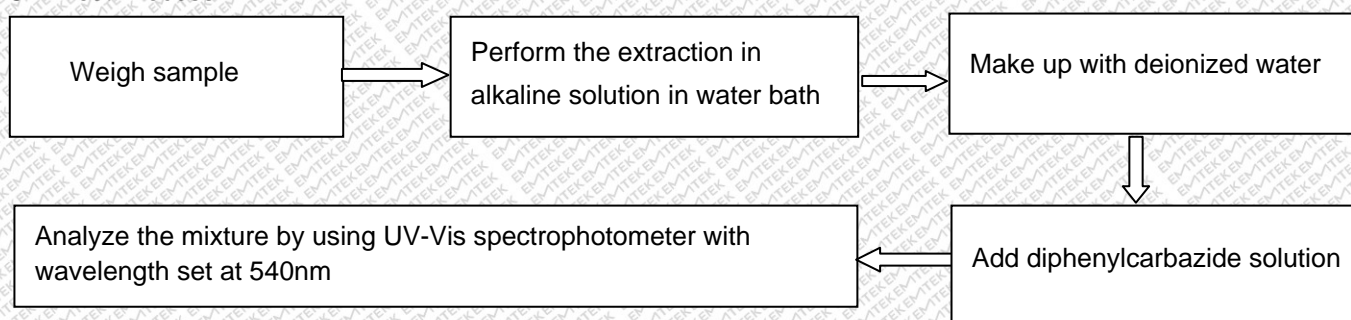
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TEST FLOWCHART

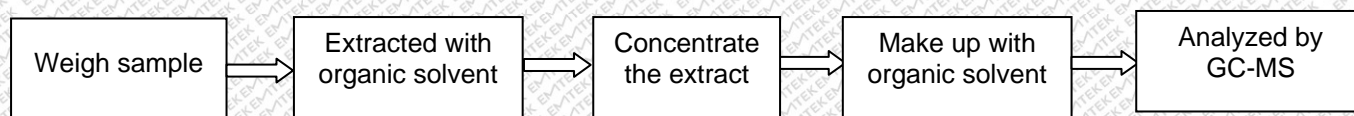
Pb/Cd/Hg Test Process:



Cr⁶⁺ Test Process:



PBBs & PBDEs Test Process:



* * * * * The End * * * * *

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