



Changsha Guangzhuyi Lighting Technology Co.,Ltd**RoHS REPORT**

Applicant	RGBlink Science & Technology Co.,Ltd
Address	Room 601A, No. 37-3 Banshang community, Building 3, Xinke Plaza, Torch Hi-Tech Industrial Development Zone, Xiamen, China
The following sample(s) was /were submitted and identified on behalf of the clients as:	
Sample Name	Video Mixer
Trademark	
Model Number	mini-mx
Additional Models	mini-max, min-pro, mini-pro 2022, mini 2022, mini-ultra, mini-mx delta, mini-mx titan, mini-mx atlas, mini-mx apollo, mini-mx orion
Sample Received Date	Aug. 26, 2023
Testing Period	Aug. 26, 2023-Aug. 31, 2023
Test Requested	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU Annex II and its amendment Directive. (EU) 2015/863 + Directive(EU) 2017/2102
Test Method	Please refer to next page(s).
Test Result	Please refer to next page(s).

Signed for and on behalf of



Davis Wen Technical Director

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Test Report

Client Information	Applicant	RGBlink Science & Technology Co.,Ltd
	Address	Room 601A, No. 37-3 Banshang community, Building 3, Xinke Plaza, Torch Hi-Tech Industrial Development Zone, Xiamen, China
	Manufacturer	RGBlink Science & Technology Co.,Ltd
	Address	Room 601A, No. 37-3 Banshang community, Building 3, Xinke Plaza, Torch Hi-Tech Industrial Development Zone, Xiamen, China
Product Detail	Product Name	Video Mixer
	Model Number	mini-mx
	Additional Models	See page 1
Test Content	Test Items	Lead (Pb), cadmium mercury (Hg), chromium (Cr VI) polybrominated biphenyl / polybrominated diphenyl ether, dibutyl phthalate (DBP), butylbenzyl phthalate (BBP),bis (2-ethylhexyl) phosphate (DEHP), diiodobis (di) benzene (DIBP)
	Test Method	With reference to IEC 62321-1:2013 ,IEC 62321-3-1:2013 IEC 62321-4:2013 /AMD1:2017, IEC 62321-5:2013 IEC 62321-6:2015,IEC 62321-7-1:2015,IEC 62321-7-2:2017 IEC 62321-8:2017
	Conclusion	The submitted samples complied with the requirement of above Standards.
Remark	1) When determining for test conclusion, measurement uncertainty of tests has been considered. 2) This report shall not be reproduced except in full without the written approval of the testing laboratory.	
<div>Tested by: Kara Engineer Aug. 31, 2023</div> <div>Reviewed by: <div>Technical Director Aug. 31, 2023</div></div>		

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1. TEST SUMMARY

No.	Name
1	Black metal case
2	Black leather plastic
3	Metal fittings
4	Integrated circuit
5	Capacitance
6	Resistance
7	Chip
8	Electromagnetic filter
9	Rectifier and filter circuit
10	Protector of power supply
11	Switching triode
12	Switching voltage regulator
13	Protection circuit
14	Heat sink
15	PCB board
16	Solder
17	Solid glue
18	Silvery metal
19	Voltage stabilized drive chip

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Test Content:

Test Item(s)	Test Method	Reference	Unit	Limit	MDL
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	mg/kg	100	2
Lead(Pb)	IEC 62321-5:2013	ICP-OES	mg/kg	1000	2
Mercury(Hg)	IEC 62321-4:2013 /AMD1:2017	ICP-OES	mg/kg	1000	2
Hexavalent Chromium(CrVI) (Metal)	IEC 62321-7-1:2015	UV-Vis	µg/cm ²	0.13	0.1
Hexavalent Chromium(CrVI) (Nonmetal)	IEC 62321-7-2:2017	UV-Vis	mg/kg	1000	8
PBBs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
PBDEs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
Dibutyl Phthalate(DBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Butyl benzyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Di-(2-ethylhexyl) Phthalate(DEHP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Diisobutyl phthalate (DIBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30

PBBs		PBDEs	
Monobromobiphenyl	Hexabromobiphenyl	Monobromodiphenyl ether	Hexabromodiphenyl ether
Dibromobiphenyl	Heptabromobiphenyl	Dibromodiphenyl ether	Heptabromodiphenyl ether
Tribromobiphenyl	Octabromobiphenyl	Tribromodiphenyl ether	Octabromodiphenyl ether
Tetrabromobiphenyl	Nonabromobiphenyl	Tetrabromodiphenyl ether	Nonabromodiphenyl ether
Pentabromobiphenyl	Decabromobiphenyl	Pentabromodiphenyl ether	Decabromodiphenyl ether

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2. Test Results:

Test Item(s)	No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	No.9	No.10	No.11	No.12
Cadmium (Cd)	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.A	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PBDEs	N.A	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.A	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	N.A	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate (DEHP)	N.A	N.D.	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	N.A	N.D	N.A	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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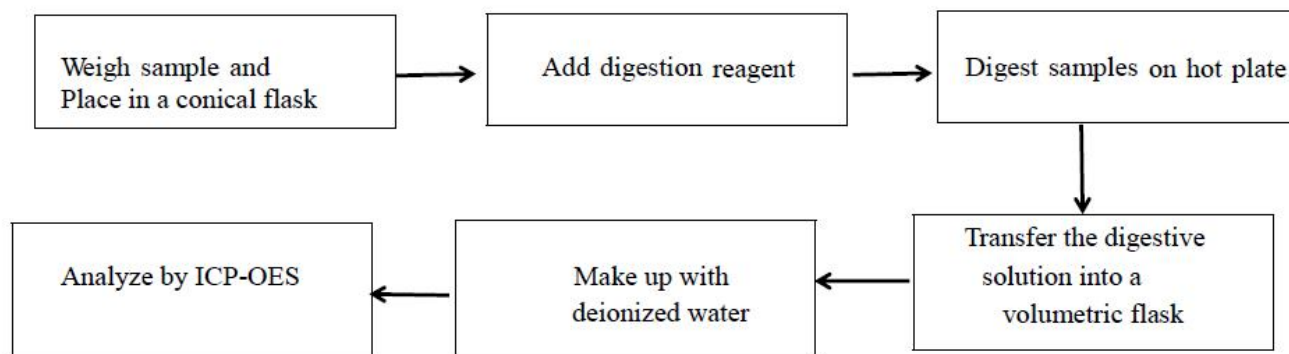
Test Item(s)	No.13	No.14	No.15	No.16	No.17	No.18	No.19
Cadmium (Cd)	N.D.	N.D.	N.A	N.D.	N.A	N.D.	N.A
Lead (Pb)	N.D.	N.D.	N.A	N.D.	N.A	N.D.	N.A
Mercury (Hg)	N.D.	N.D.	N.A	N.D.	N.A	N.D.	N.A
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.A	N.D.	N.A	N.D.	N.A
PBBs	N.D.	N.D.	N.D.	N.A	N.D.	N.A	N.D.
PBDEs	N.D.	N.D.	N.D.	N.A	N.D.	N.A	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.A	N.D.	N.A	N.D.
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	N.A	N.D.	N.A	N.D.
Di-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.	N.A	N.D.	N.A	N.D.
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D	N.A	N.D	N.A	N.D

Note:	1. mg/kg= ppm
	2. N.D.= Not Detected(<MDL)
	3. MDL = Method Detection Limit
	4. N.A.= NOT APPLICABLE

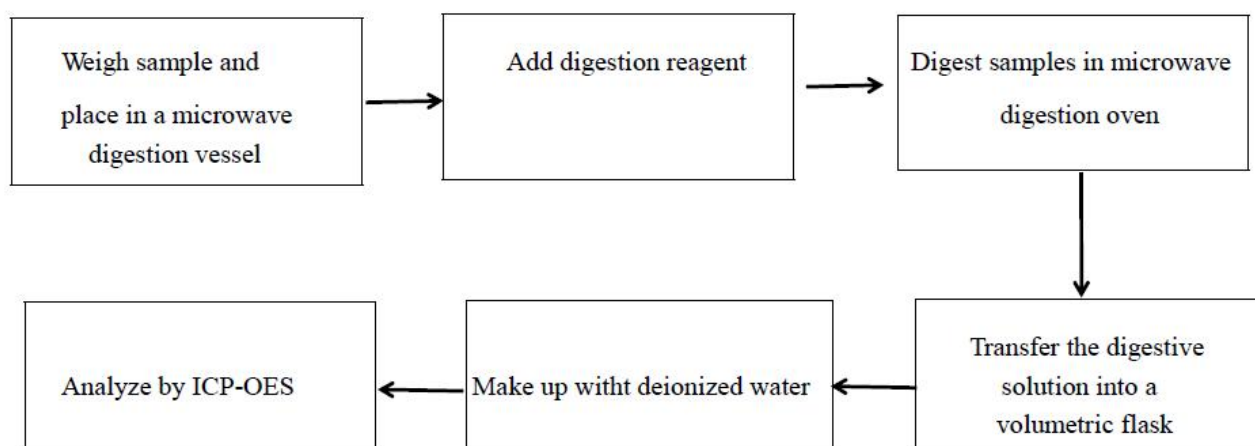
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Test Process:

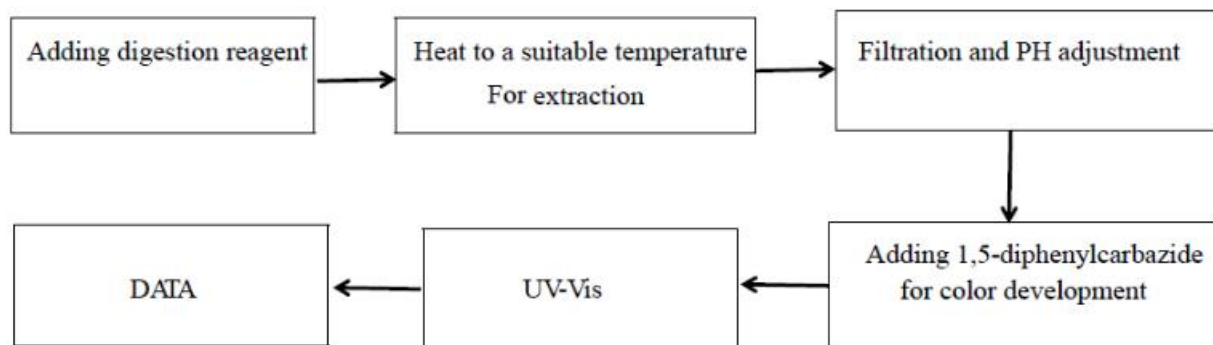
1. Test for Cd/Pb Content



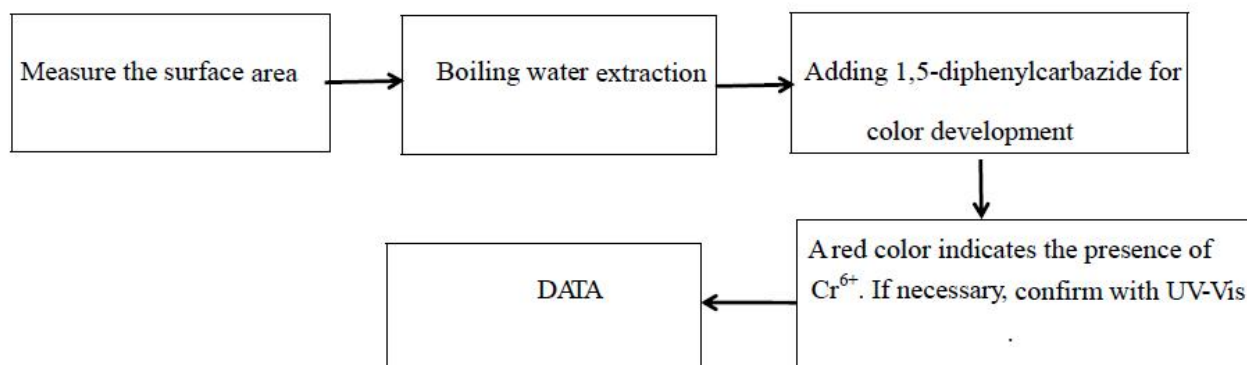
2. Test for Hg Content



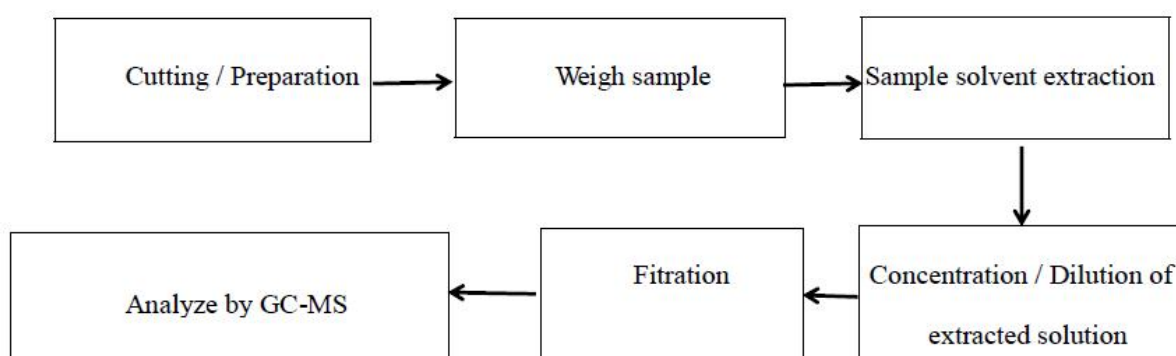
3. Test for Chromium (VI) Content Nonmetal material



Metal material:



4. Test for DBP, BBP, DEHP, DIBP, PBB, PBDE Content



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Sample Photo:



Figure 1: EUT Front-Side



Figure 2: EUT Back-Side

***** REPORT END *****

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