Test Report

Applicant:	Shenzhen Rokely Technology Co., Ltd.
Contact information:	**301, No. 28 Xinganglian Industrial Zone, Hongxing Community, Songgang Street, Bao'an District, Shenzhen**
Manufacturer:	Shenzhen Rokely Technology Co., Ltd.
Address:	**301, No. 28 Xinganglian Industrial Zone, Hongxing Community, Songgang Street, Bao'an District, Shenzhen**

The following sample(s) was (were) submitted and identified by client as:

Sample Name	:	Instant fog high transparency light machine
Model No.	:	LKL2315
Series Model	:	/
Brand	:	/
Sample Received Date	:	Jul 22, 2024
Testing Period	:	Jul 22, 2024 - Jul 26, 2024
Test Request	:	Please refer to next page(s).
Test Result(s)	:	Please refer to next page(s).

ZHIYUAN TESTING (SHENZHEN) CO.,LTD

Prepared by	Checked by	Approved by
Marcia Deng	Thea Ye	Lewis Liu

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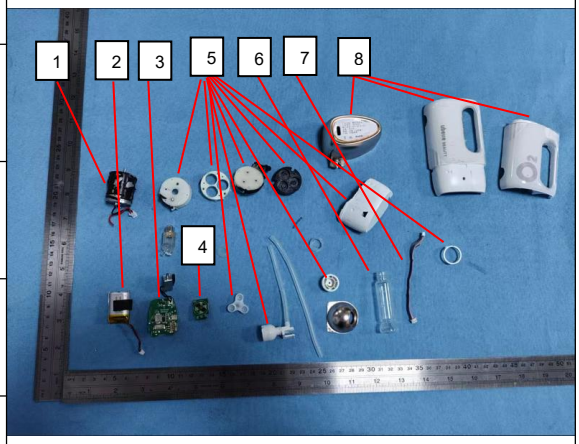
Summary of test results:

TEST REQUEST	CONCLUSION
RoHS Directive 2011/65/EU and its subsequent amendments Directive (EU) 2015/863 To determine Lead (Pb),Cadmium(Cd),Mercury(Hg),Hexavalent Chromium(Cr(VI)),Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs) content by screening test and chemical test	**PASS**
To determine Phthalates (DBP,BBP,DEHP,DIBP) content by chemical test	**PASS**

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Test Material List

Material No.	Description (Location)	Photo(s) of tested materials
1	electric machine	
2	battery pack	
3	power panel	
4	motherboard	
5	Internal plastic parts	
6	glass	
7	Internal line	
8	hull	

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Test Result(s):

(1) Lead (Pb),Cadmium(Cd),Mercury(Hg),Hexavalent Chromium(Cr(VI)),Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs)

Test Method: IEC62321-3-1: 2013,IEC62321-4: 2013+A1:2017,IEC62321-5: 2013,IEC62321-6: 2015,IEC 62321-7-1:2015,IEC 62321-7-2: 2017,analyzed by EDXRF & ICP-OES & GC-MS & UV-Vis.

No.	EDXRF Result (1)					Chemical Result (2) (mg/kg)	Remark(3)	Conclusion
	Pb	Cd	Hg	Cr	Br			
1	BL	BL	BL	BL	BL	—	—	PASS
2	BL	BL	BL	BL	BL	—	—	PASS
3	BL	BL	BL	BL	BL	—	—	PASS
4	BL	BL	BL	BL	BL	—	—	PASS
5	BL	BL	BL	BL	BL	—	—	PASS
6	BL	BL	BL	BL	BL	—	—	PASS
7	BL	BL	BL	BL	BL	—	—	PASS
8	BL	BL	BL	BL	BL	—	—	PASS

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Remark:

(1) ①Results are obtained by EDXRF for primary screening,and further wet chemical testing by ICP-OES (for Cd,Pb,Hg),UV-VIS (for Cr(VI)) and GC/MS (for PBBs,PBDEs) is recommended to be performed,if an inconclusive result was found (as "X" in below table) (unit: mg/kg).

②OL = Over Limit,BL = Below Limit,X = Inconclusive,NA = Not Applicable.

③The EDXRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

Element	Polymer	Metal	Composite Materials
Cd	BL ≤(70-3σ)< X <(130+3σ)≤ OL	BL ≤(70-3σ)< X <(130+3σ)≤ OL	LOD < X <(150+3σ)≤ OL
Pb	BL ≤(700-3σ)< X <(1300+3σ)≤ OL	BL ≤(700-3σ)< X <(1300+3σ)≤ OL	BL ≤(500-3σ)< X <(1500+3σ)≤ OL
Hg	BL ≤(700-3σ)< X <(1300+3σ)≤ OL	BL ≤(700-3σ)< X <(1300+3σ)≤ OL	BL ≤(500-3σ)< X <(1500+3σ)≤ OL
Br	BL ≤ (300-3σ)< X	NA	BL ≤ (250-3σ)< X
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL ≤ (500-3σ)< X

Units and limits in EU RoHS Directive 2011/65/EU:

Element	Pb	Cd	Hg	Cr(VI)	PBBs(single)	PBDEs(single)
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Limit	1000	100	1000	1000	1000	1000

(2) ① mg/kg = ppm = 0.0001%,N.D. = Not Detected (Less than MDL).

②Unit and MDL (Method detection limit) in wet chemical test.

Element	Pb	Cd	Hg	Cr(VI)	PBBs(single)	PBDEs(single)
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
MDL	2	2	2	8	5	5

③According to IEC 62321-7-1:2015,result on Cr(VI) for metal sample is shown as Positive/Negative.
Negative = Absence of Cr(VI) coating,Positive = Presence of Cr(VI) coating.
Storage condition and production date of the tested sample are unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

④ According to IEC 62321-3-1:2013,this column represents the results of wet chem test.

(3) This column represents the exempted decoration of material or other related testing sample's information.

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(2) Phthalates (DBP,BBP,DEHP,DIBP) content

Test Method: IEC 62321-8: 2017,analyzed by gas chromatographic- mass spectrometer (GC-MS).

Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit (mg/kg)	1000	1000	1000	1000	
MDL (mg/kg)	30	30	30	30	
Material No.	Result (mg/kg)				
1	N.D.	N.D.	N.D.	N.D.	PASS
2	N.D.	N.D.	N.D.	N.D.	PASS
3	N.D.	N.D.	N.D.	N.D.	PASS
4	N.D.	N.D.	N.D.	N.D.	PASS
5	N.D.	N.D.	N.D.	N.D.	PASS
6	N.D.	N.D.	N.D.	N.D.	PASS
7	N.D.	N.D.	N.D.	N.D.	PASS
8	N.D.	N.D.	N.D.	N.D.	PASS

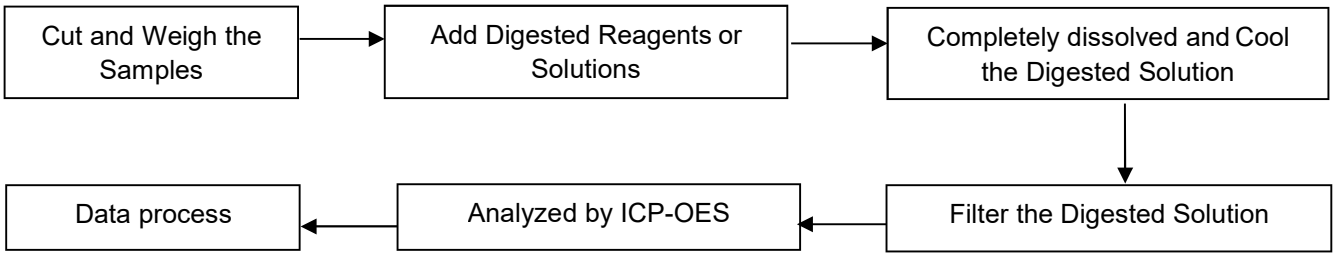
Note:
1. mg/kg = milligram per kilogram (ppm).
2. MDL= method detection limit.
3. N.D.=not detected(less than MDL).

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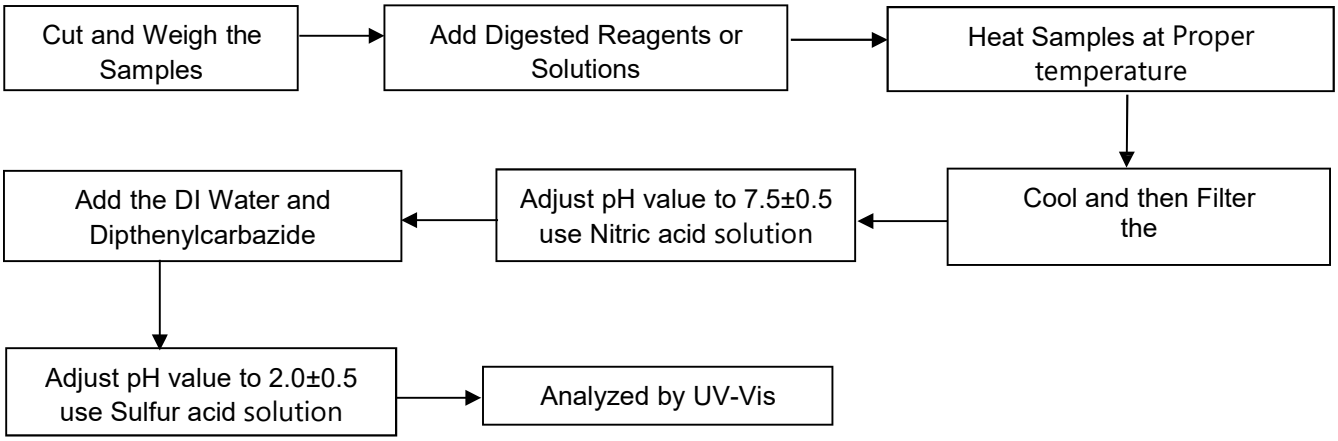
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Test Process Flow

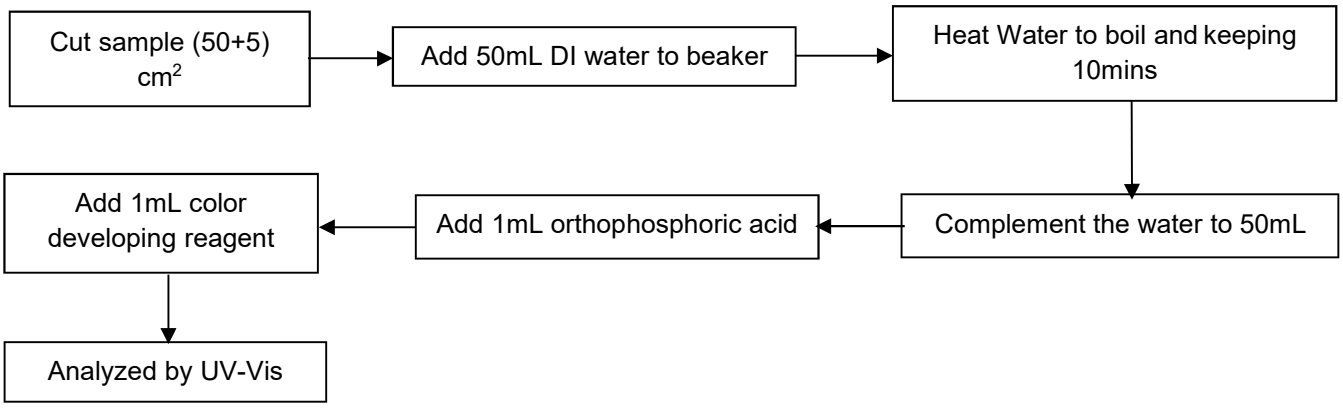
1. Lead,Cadmium,Mercury



2. Hexavalent Chromium (Non-metal)



Hexavalent Chromium (Metal)

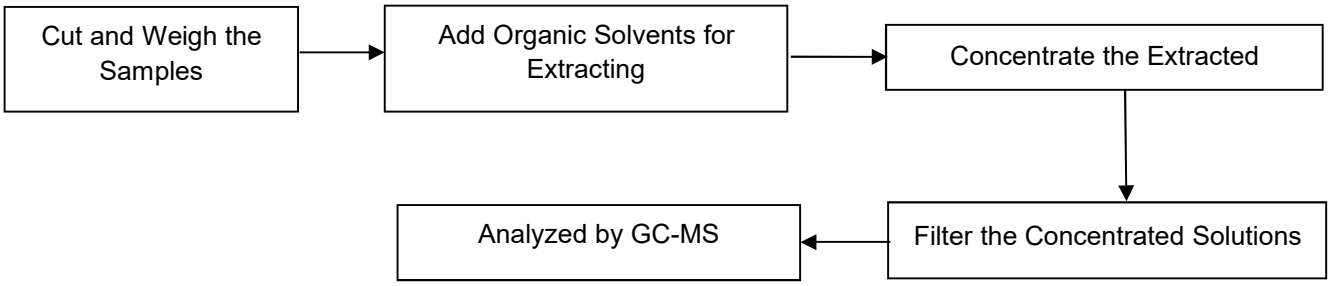


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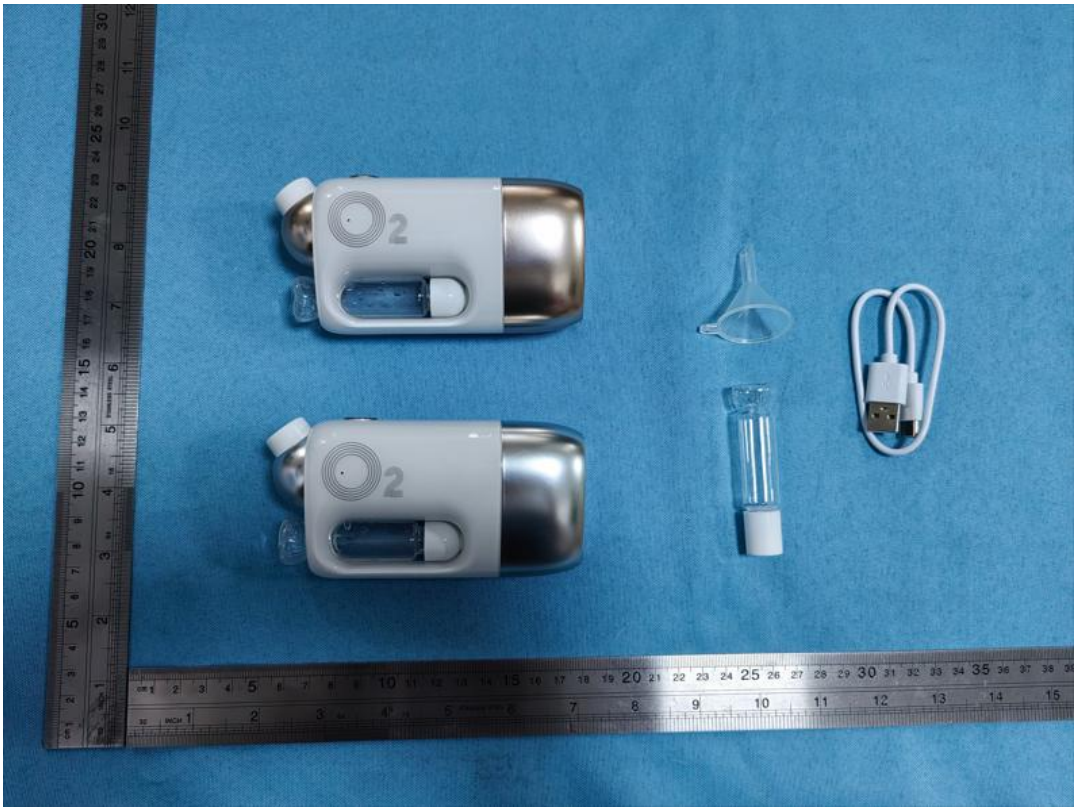
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Test Process Flow (Continued):

3. PBBs & PBDEs,Phthalates



Photo(s) of Sample



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End of Report

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