



RoHS TEST REPORT

For

LED Facial Beauty Device

Model: MZ01

Brand Name: N/A

Report No.: ENC2412201GZ31R1

Date of Issue: Dec. 29, 2024

Prepared For

Shenzhen Liyoutong Technology Co., Ltd.

**3-1, Wanxin Street, Pinghuan Community, Maluan Street, Pingshan District,
Shenzhen, China**

Prepared By

East Notice Certification Service Co., Ltd.

**1/F, Haohui Commercial Building, Zhuji Street, Dongpu Town, Tianhe District,
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**1. GENERAL INFORMATION:**

Product Description:	LED Facial Beauty Device
Model Number:	MZ01
Model Difference:	N/A
Brand Name:	N/A
Applicant:	Shenzhen Liyoutong Technology Co., Ltd.
	3-1, Wanxin Street, Pinghuan Community, Maluan Street, Pingshan District, Shenzhen, China
Manufacturer:	Shenzhen Liyoutong Technology Co., Ltd.
	3-1, Wanxin Street, Pinghuan Community, Maluan Street, Pingshan District, Shenzhen, China
Testing date	Dec. 20, 2024 – Dec. 29, 2024
Test Method(If tested):	(1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES. (2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES. (3)With reference to IEC 62321-4:2017, determination of Mercury by ICP-OES. (4)With reference to IEC 62321-7-1:2015 or IEC 62321-7-2:2017, determination of Hexavalent Chromium by spot test / Colorimetric Method using UV-Vis. (5)With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS. (6)With reference to IEC 62321-8:2017, determination of Phthalates by GC-MS.
Directive:	COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 and (EU) 2017/2102 amending Annex II to Directive 2011/65/EU of the European Parliament and of the Council as regards the list of restricted substances
Remark:	Based on the performed tests on submitted sample(s), the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs), Phthalates (DEHP, BBP, DBP, DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 and (EU) 2017/2102 amending Annex II to Directive 2011/65/EU.

The test results of this report relate only to the tested sample identified in this report.

Should any objections to the test reports occurred, should submit it to the company within ten days since the issuing of the report, Fail to accept.

Checked By

Yemig Jan. 16, 2024

Authorized By



Ray Zhou Jan. 16, 2024

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East Notice Certification

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E-mail: enc@enc-lab.com [Http:// www.enc-lab.com](http://www.enc-lab.com)

2. TEST PART DESCRIPTION

No.	Part Description	Form of evidence of compliance		Verdict
		Laboratory	Report No.	
1	Enclosure of device	ENC	ENC2412201GZ31R1-01	PASS
2	LED	ENC	ENC2412201GZ31R1-02	PASS
3	Film	ENC	ENC2412201GZ31R1-03	PASS
4	Interconnection wire	ENC	ENC2412201GZ31R1-04	PASS
5	Enclosure of controller	ENC	ENC2412201GZ31R1-05	PASS
6	Indicator lamp	ENC	ENC2412201GZ31R1-06	PASS
7	Button	ENC	ENC2412201GZ31R1-07	PASS
8	Lithium ion batteries	ENC	ENC2412201GZ31R1-08	PASS
9	PCB	ENC	ENC2412201GZ31R1-09	PASS
10	Internal wire	ENC	ENC2412201GZ31R1-10	PASS
11	USB cable	ENC	ENC2412201GZ31R1-11	PASS
12	Elastic band	ENC	ENC2412201GZ31R1-12	PASS
13	Eye patch	ENC	ENC2412201GZ31R1-13	PASS
14	User Manual	ENC	ENC2412201GZ31R1-14	PASS

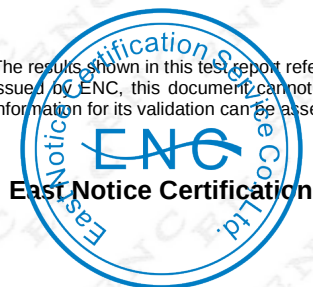
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3. TEST RESULT:

No.	Part Description	Unit	Lead	Cadmium	Mercury	Chromium
			(Pb)	(Cd)	(Hg)	(Cr ⁶⁺)
1	Enclosure of device	ppm	N.D.	N.D.	N.D.	N.D.
2	LED	ppm	N.D.	N.D.	N.D.	N.D.
3	Film	ppm	N.D.	N.D.	N.D.	N.D.
4	Interconnection wire	ppm	N.D.	N.D.	N.D.	N.D.
5	Enclosure of controller	ppm	N.D.	N.D.	N.D.	N.D.
6	Indicator lamp	ppm	N.D.	N.D.	N.D.	N.D.
7	Button	ppm	N.D.	N.D.	N.D.	N.D.
8	Lithium ion batteries	ppm	N.D.	N.D.	N.D.	N.D.
9	PCB	ppm	N.D.	N.D.	N.D.	N.D.
10	Internal wire	ppm	N.D.	N.D.	N.D.	N.D.
11	USB cable	ppm	N.D.	N.D.	N.D.	N.D.
12	Elastic band	ppm	N.D.	N.D.	N.D.	N.D.
13	Eye patch	ppm	N.D.	N.D.	N.D.	N.D.
14	User Manual	ppm	N.D.	N.D.	N.D.	N.D.

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No.	Unit	Polybrominated Biphenyls (PBBs)									
		Mono-bromobiphenyl	Di-bromobiphenyl	Tri-bromobiphenyl	Tetra-bromobiphenyl	Penta-bromobiphenyl	Hexa-bromobiphenyl	Hepta-bromobiphenyl	Octa-bromobiphenyl	Nona-bromobiphenyl	Deca-bromobiphenyl
1	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
5	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
6	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
7	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
8	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
9	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
10	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
11	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
12	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
13	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
14	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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No.	Unit	Polybrominated Diphenyl Ethers (PBDEs)									
		Mono-Bromobiphenyl ether	Di-Bromobiphenyl ether	Tri-Bromobiphenyl ether	Tetra-Bromobiphenyl ether	Penta-bromobiphenyl ether	Hexa-Bromobiphenyl ether	Hepta-Bromobiphenyl ether	Octa-Bromobiphenyl ether	Nona-bromobiphenyl ether	Deca-Bromobiphenyl ether
1	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
3	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
4	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
5	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
6	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
7	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
8	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
9	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
10	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
11	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
12	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
13	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
14	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

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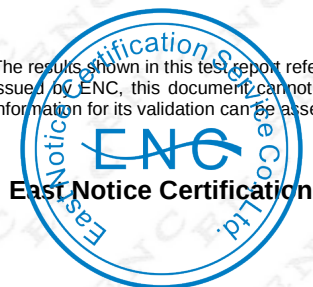


No.	Part Description	Unit	Phthalates			
			Di-(2-ethylhexyl) Phthalate (DEHP)	Benzylbutyl Phthalate (BBP)	Dibutyl Phthalate (DBP)	Diisobutyl Phthalate (DIBP)
1	Enclosure of device	mg/kg	N.D.	N.D.	N.D.	N.D.
2	LED	mg/kg	N.D.	N.D.	N.D.	N.D.
3	Film	mg/kg	N.D.	N.D.	N.D.	N.D.
4	Interconnection wire	mg/kg	N.D.	N.D.	N.D.	N.D.
5	Enclosure of controller	mg/kg	N.D.	N.D.	N.D.	N.D.
6	Indicator lamp	mg/kg	N.D.	N.D.	N.D.	N.D.
7	Button	mg/kg	N.D.	N.D.	N.D.	N.D.
8	Lithium ion batteries	mg/kg	N.D.	N.D.	N.D.	N.D.
9	PCB	mg/kg	N.D.	N.D.	N.D.	N.D.
10	Internal wire	mg/kg	N.D.	N.D.	N.D.	N.D.
11	USB cable	mg/kg	N.D.	N.D.	N.D.	N.D.
12	Elastic band	mg/kg	N.D.	N.D.	N.D.	N.D.
13	Eye patch	mg/kg	N.D.	N.D.	N.D.	N.D.
14	User Manual	mg/kg	N.D.	N.D.	N.D.	N.D.
MDL		mg/kg	30	30	30	30

NOTE:

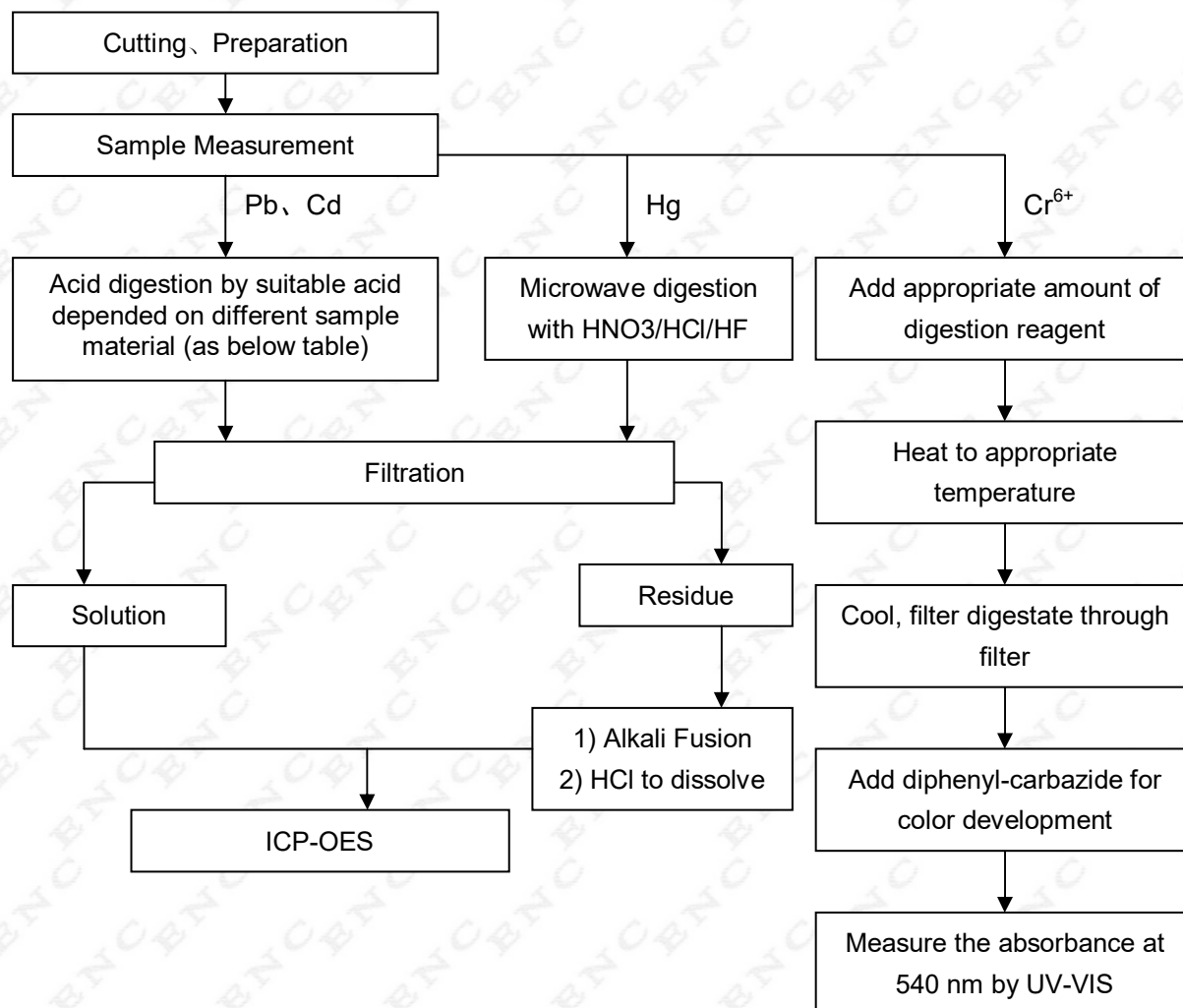
- (1) Pb Limit=1000mg/kg, Cd Limit=100mg/kg, Hg Limit=1000mg/kg;
Cr⁶⁺ Limit=1000mg/kg ; PBBs Limit=1000mg/kg, PBDEs Limit=1000mg/kg
- (2) N.D. = not detected (<MDL)
- (3) MDL=Method Detection Limit
- (4) ppm = mg/kg

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4. FLOW CHART

- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
(Cr⁶⁺ test method excluded)
- 2) Name of the person who made measurement: Sam Liu
- 3) Name of the person in charge of measurement: Yemig



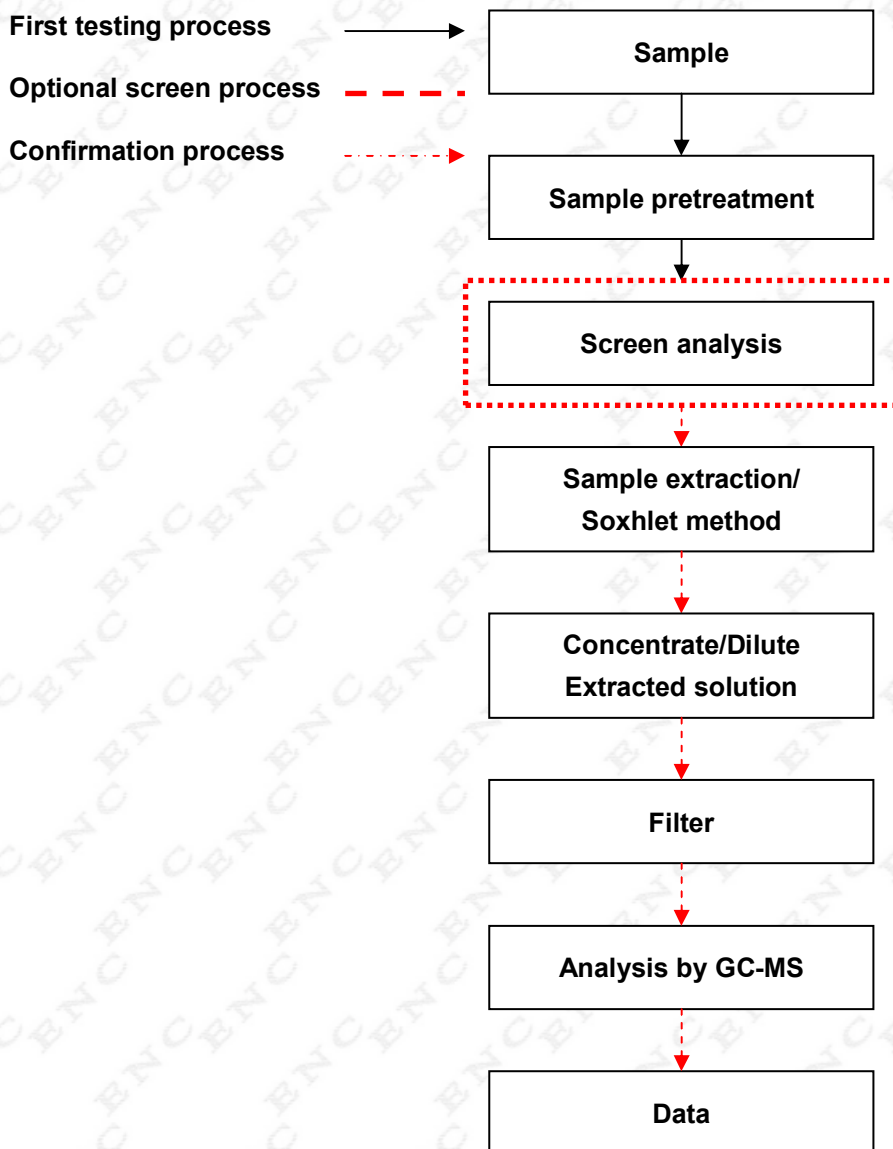
Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

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5. PBB/PBDE ANALYTICAL FLOW CHART

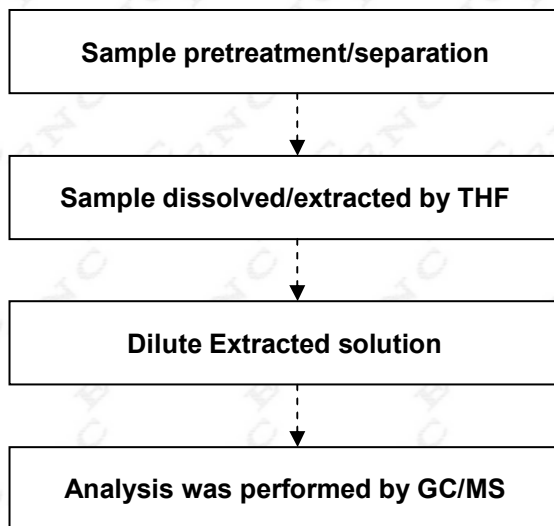
- 1) Name of the person who made measurement: Liu Sam
- 2) Name of the person in charge of measurement: Yemig



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6. ANALYTICAL FLOW CHART - PHTHALATE

- 1) Name of the person who made measurement: Liu Sam
- 2) Name of the person in charge of measurement: Yemig



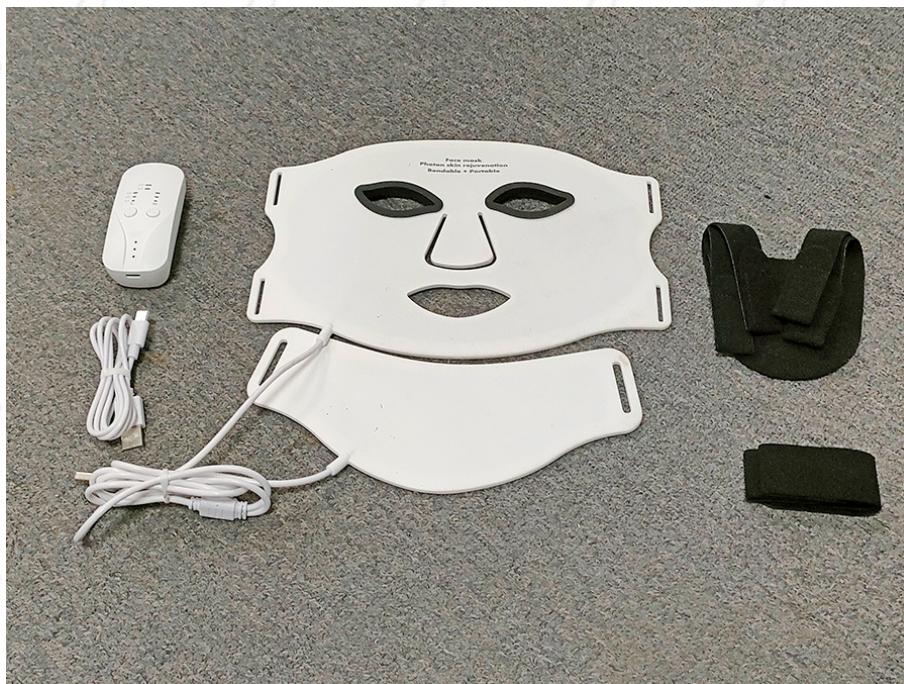
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APPENDIX

PHOTOGRAPH(S) OF SAMPLE

Overall View



Font View



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Side View



Controller View



---- END OF REPORT ----

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