



RoHS TEST REPORT

For

4D Facial + Neck Mask

**Model: QZ041-4D01, QZ041-4D02, QZ041-4D03, QZ041-4D04, QZ041-4D05,
QZ041-4D06, QZ041-4D07, QZ041-4D08, QZ041-4D09**

Brand Name: N/A

Report No.: ENC2512269GZ95R1

Date of Issue: Jan. 2, 2026

Prepared For

Shenzhen Liyoutong Technology Co., Ltd.

**Room 201, Building 5, Baoshan Industrial Park, No. 12, Baoshan Second
Industrial Zone, Pingshan District, C, Guangdong, China**

Prepared By

East Notice Certification Service Co., Ltd.

**1/F, Haohui Commercial Building, Zhuji Street, Dongpu Town, Tianhe District,
Guangzhou City, China**

E-mail: enc@enc-lab.com

Web: www.enc-lab.com

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



1/F, Haohui Commercial Building, Zhuji Street, Dongpu Town, Tianhe District, Guangzhou City
E-mail: enc@enc-lab.com [Http:// www.enc-lab.com](http://www.enc-lab.com)

1. GENERAL INFORMATION:

Product Description:	4D Facial + Neck Mask
Model Number:	QZ041-4D01, QZ041-4D02, QZ041-4D03, QZ041-4D04, QZ041-4D05, QZ041-4D06, QZ041-4D07, QZ041-4D08, QZ041-4D09
Model Difference:	All models have same electrical structure as QZ041-4D01, except for the different color.
Brand Name:	N/A
Applicant:	Shenzhen Liyoutong Technology Co., Ltd. Room 201, Building 5, Baoshan Industrial Park, No. 12, Baoshan Second Industrial Zone, Pingshan District, C, Guangdong, China
Manufacturer:	Shenzhen Liyoutong Technology Co., Ltd. Room 201, Building 5, Baoshan Industrial Park, No. 12, Baoshan Second Industrial Zone, Pingshan District, C, Guangdong, China
Testing date	Dec. 26, 2025 – Jan. 2, 2026
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
Yemig Jan. 2, 2026

Authorized By Ray Zhou
Ray Zhou Jan. 2, 2026

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.

2. TEST PART DESCRIPTION

No.	Part Description	Form of evidence of compliance		Verdict
		Laboratory	Report No.	
1	Facial mask	ENC	ENC2512269GZ95R1-01	PASS
2	Neck mask	ENC	ENC2512269GZ95R1-02	PASS
3	LED	ENC	ENC2512269GZ95R1-03	PASS
4	Film	ENC	ENC2512269GZ95R1-04	PASS
5	Black controller	ENC	ENC2512269GZ95R1-05	PASS
6	Indicator light	ENC	ENC2512269GZ95R1-06	PASS
7	Button keys	ENC	ENC2512269GZ95R1-07	PASS
8	Charging port	ENC	ENC2512269GZ95R1-08	PASS
9	Charging cable	ENC	ENC2512269GZ95R1-09	PASS
10	Li-Ion battery	ENC	ENC2512269GZ95R1-10	PASS
11	LED	ENC	ENC2512269GZ95R1-11	PASS
12	Type C cable	ENC	ENC2512269GZ95R1-12	PASS
13	Bandage	ENC	ENC2512269GZ95R1-13	PASS
14	Instruction manual	ENC	ENC2512269GZ95R1-14	PASS

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



3. TEST RESULT:

No.	Part Description	Unit	Lead	Cadmium	Mercury	Chromium
			(Pb)	(Cd)	(Hg)	(Cr ⁶⁺)
1	Facial mask	ppm	N.D.	N.D.	N.D.	N.D.
2	Neck mask	ppm	N.D.	N.D.	N.D.	N.D.
3	LED	ppm	N.D.	N.D.	N.D.	N.D.
4	Film	ppm	N.D.	N.D.	N.D.	N.D.
5	Black controller	ppm	N.D.	N.D.	N.D.	N.D.
6	Indicator light	ppm	N.D.	N.D.	N.D.	N.D.
7	Button keys	ppm	N.D.	N.D.	N.D.	N.D.
8	Charging port	ppm	N.D.	N.D.	N.D.	N.D.
9	Charging cable	ppm	N.D.	N.D.	N.D.	N.D.
10	Li-Ion battery	ppm	N.D.	N.D.	N.D.	N.D.
11	LED	ppm	N.D.	N.D.	N.D.	N.D.
12	Type C cable	ppm	N.D.	N.D.	N.D.	N.D.
13	Bandage	ppm	N.D.	N.D.	N.D.	N.D.
14	Instruction manual	ppm	N.D.	N.D.	N.D.	N.D.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



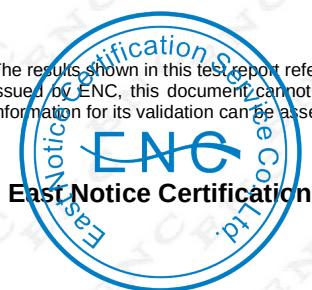
No.	Unit	Polybrominated Biphenyls (PBBs)									
		Mono-bromobiphenyl	Di-bromobiphenyl	Tri-bromobiphenyl	Tetra-bromobiphenyl	Penta-bromobiphenyl	Hexa-bromobiphenyl	Hepta-bromobiphenyl	Octa-bromobiphenyl	Nona-bromobiphenyl	Deca-bromobiphenyl
1	ppm	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
2	ppm	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.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



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.

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.

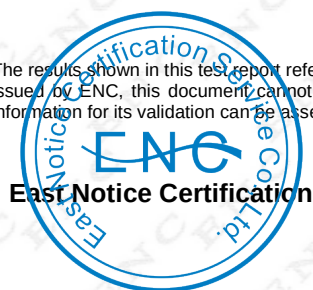


No.	Part Description	Unit	Phthalates			
			Di-(2-ethylhexyl) Phthalate (DEHP)	Benzylbutyl Phthalate (BBP)	Dibutyl Phthalate (DBP)	Diisobutyl Phthalate (DIBP)
1	Facial mask	mg/kg	N.D.	N.D.	N.D.	N.D.
2	Neck mask	mg/kg	N.D.	N.D.	N.D.	N.D.
3	LED	mg/kg	N.D.	N.D.	N.D.	N.D.
4	Film	mg/kg	N.D.	N.D.	N.D.	N.D.
5	Black controller	mg/kg	N.D.	N.D.	N.D.	N.D.
6	Indicator light	mg/kg	N.D.	N.D.	N.D.	N.D.
7	Button keys	mg/kg	N.D.	N.D.	N.D.	N.D.
8	Charging port	mg/kg	N.D.	N.D.	N.D.	N.D.
9	Charging cable	mg/kg	N.D.	N.D.	N.D.	N.D.
10	Li-Ion battery	mg/kg	N.D.	N.D.	N.D.	N.D.
11	LED	mg/kg	N.D.	N.D.	N.D.	N.D.
12	Type C cable	mg/kg	N.D.	N.D.	N.D.	N.D.
13	Bandage	mg/kg	N.D.	N.D.	N.D.	N.D.
14	Instruction manual	mg/kg	N.D.	N.D.	N.D.	N.D.
MDL		mg/kg	30	30	30	30

NOTE:

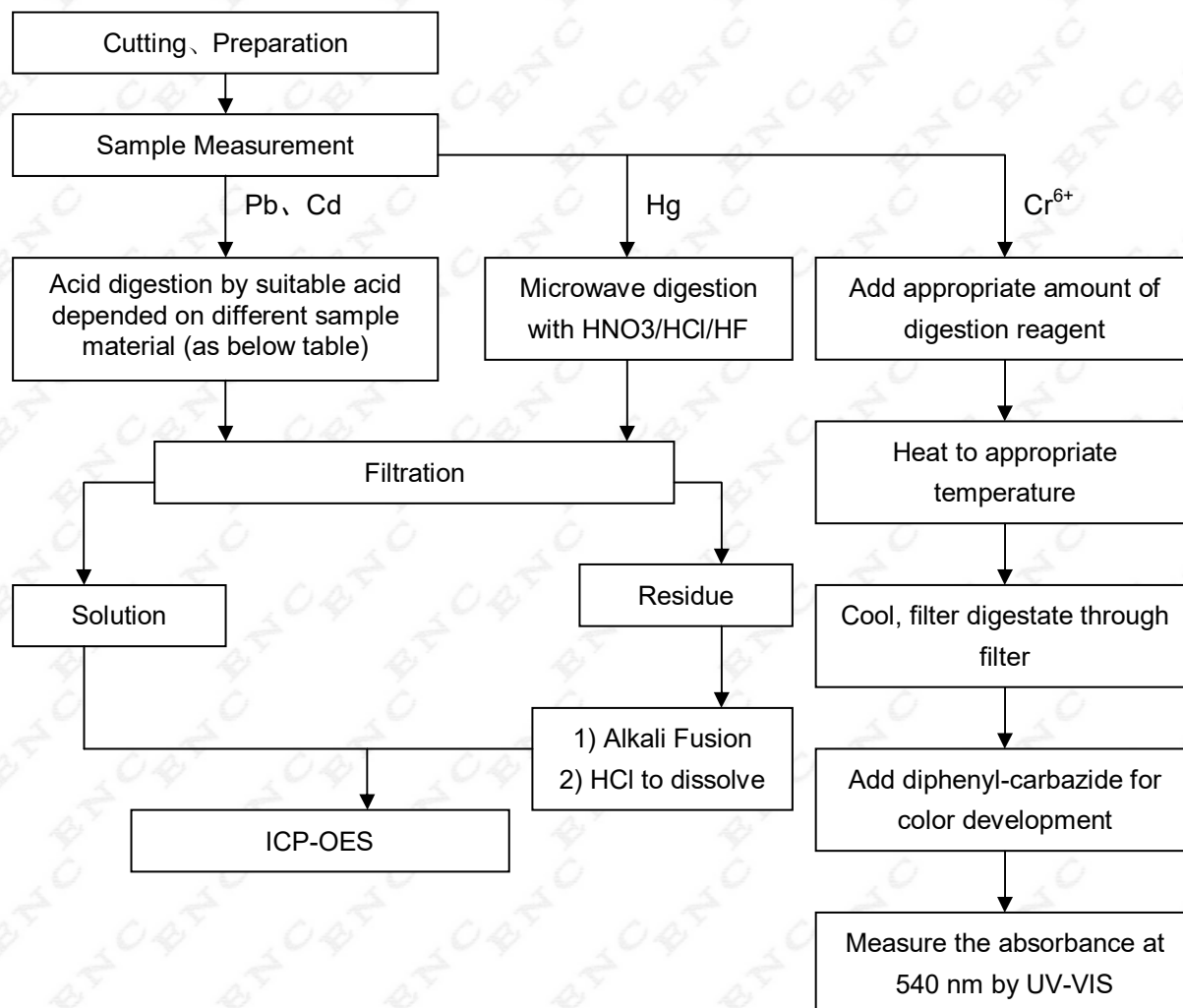
- (1) Pb Limit=1000mg/kg, Cd Limit=100mg/kg, Hg Limit=1000mg/kg;
 Cr⁶⁺ Limit=1000mg/kg; PBBs Limit=1000mg/kg, PBDEs Limit=1000mg/kg
 (2) N.D. = not detected (<MDL)
 (3) MDL=Method Detection Limit
 (4) ppm = mg/kg

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



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



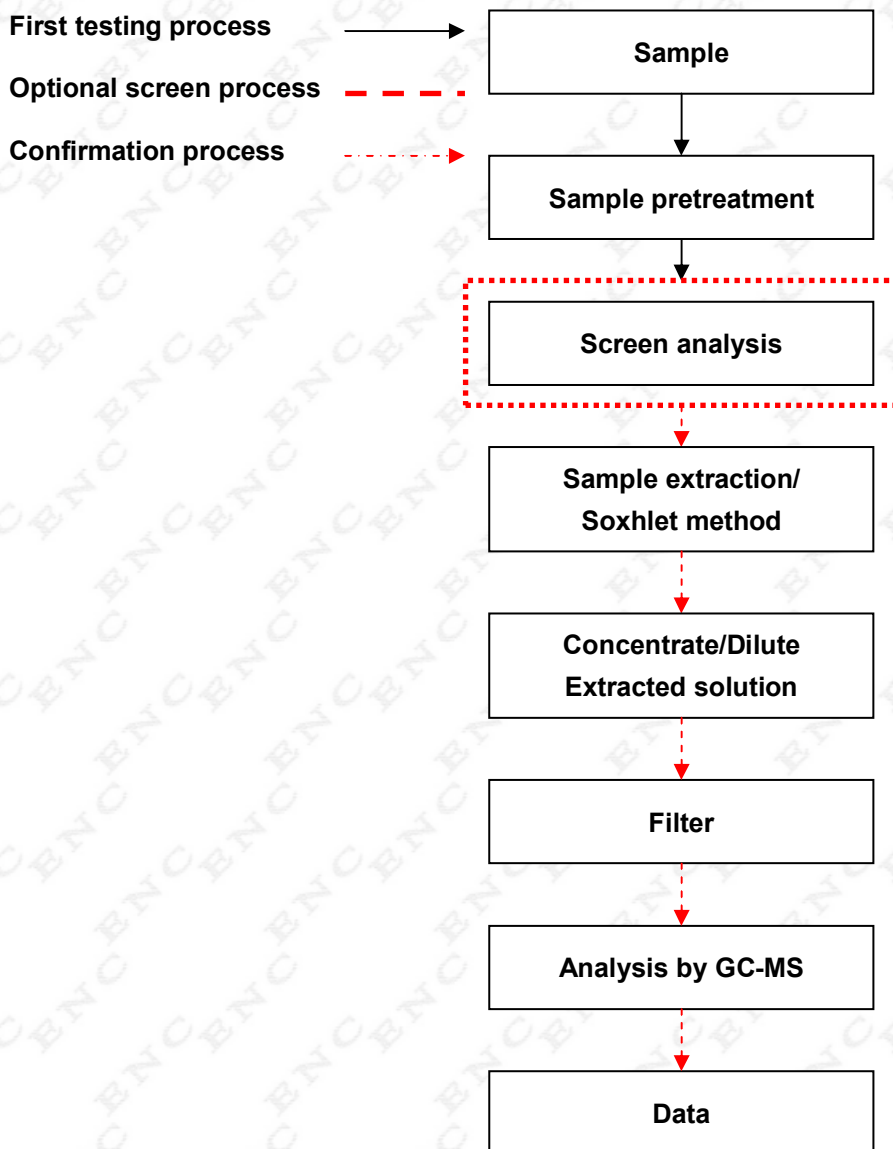
Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



5. PBB/PBDE ANALYTICAL FLOW CHART

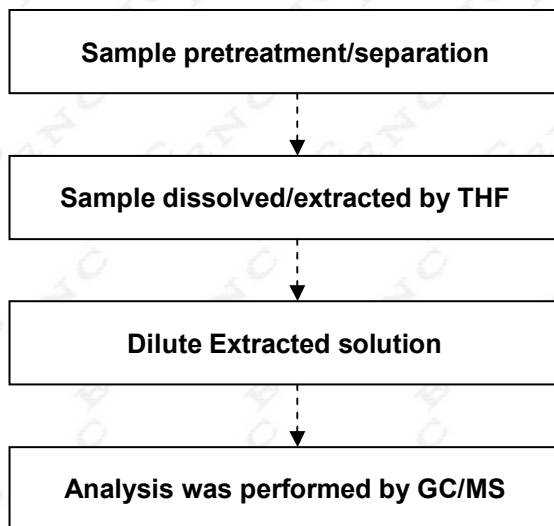
- 1) Name of the person who made measurement: Liu Sam
- 2) Name of the person in charge of measurement: Yemig



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.

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



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.



APPENDIX

PHOTOGRAPH(S) OF SAMPLE

Front View



Top View



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.

Side View



Back View



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.

Overall View-1



Overall View-2



The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.

Overall View-3



---- END OF REPORT ----

The results shown in this test report refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by ENC, this document cannot be reproduced except in full with our prior written permission. The document is available on request and the brief information for its validation can be assessable and confirmed at <http://www.enc-lab.com>.