

# Test Report

**Report No.:** AGC04094181102-001

**Date:** Dec.24, 2018

**Page** 1 of 19

**Applicant:** Xindao B.V.

**Address:** P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

**Report on the submitted samples said to be:**

**Sample Name :** USB and 10W wireless charger

**Model :** P308.60

**Sample Receiving Date :** Nov.01, 2018

**Testing Period :** Nov.01, 2018 to Dec.24, 2018

**Test site :** 6/F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang,  
Baoan District, Shenzhen, Guangdong, China

**Test Requested:** : Please refer to next page(s).

**Test Method :** Please refer to next page(s).

**Test Result :** Please refer to next page(s).

Approved by:

Liulinwen, Lewis

Technical Director



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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

# Test Report

Report No.: AGC04094181102-001

Date: Dec.24, 2018

Page 2 of 19

## Test Requested:

1. As specified by client, refer to EU Regulation (EC) No 1907/2006 (REACH), to determine the phthalates and SCCP content in the submitted sample.

The concentrations of tested SVHC are  $\leq 0.1\%$ (W/W) in the submitted sample.

2. As specified by client, to determine the Pb, Cd, Hg, Cr<sup>6+</sup>, PBBs, PBDEs content in the submitted sample in accordance with EU RoHS Directive 2011/65/EU(RoHS) and its amendment directives on XRF and Chemical Method.

## Conclusion

**Pass**

**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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

**AGC**

Attestation of Global Compliance Std. & Tech.

**No.18 C**

Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China



# Test Report

**Report No.: AGC04094181102-001**
**Date:** Dec.24, 2018

**Page** 3 of 19

**1. Phthalates test result of SVHC:**
**Substance information & Method & Result(s) :**

Unit: %

No.	Substance Name(s)	Refer to Method/ Equipment	CAS No.	EC No.	Result(s)	Report Limit
					1-1	
First batch						
1	Dibutyl phthalate (DBP)	EN 14372:2004 GC-MS	84-74-2	201-557-4	N.D.	0.01
2	Bis(2-ethylhexyl)phthalate (DEHP)		117-81-7	204-211-0	N.D.	0.01
3	Benzyl butyl phthalate (BBP)		85-68-7	201-622-7	N.D.	0.01
Second batch						
4	Diisobutyl phthalate (DIBP)	EN 14372:2004 GC-MS	84-69-5	201-553-2	N.D.	0.01
Fifth batch						
5	①1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	EN 14372:2004 GC-MS	68515-42-4	271-084-6	N.D.	0.01
6	①1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	EN 14372:2004 GC-MS	71888-89-6	276-158-1	N.D.	0.01
Sixth batch						
7	Bis(2-methoxyethyl) phthalate (DMEP)	EN 14372:2004 GC-MS	117-82-8	204-212-6	N.D.	0.01
Eighth batch						
8	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	EPA 3550C:2007& EPA 8270D:2014 GC-MS	84777-06-0	284-032-2	N.D.	0.01
9	Diisopentylphthalate (DIPP)	EN 14372:2004 GC-MS	605-50-5	210-088-4	N.D.	0.01
10	N-pentyl-isopentylphthalate		776297-69-9	-	N.D.	0.01

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Attestation of Global Compliance Std. &amp; Tech.

**No.18 C**

 Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
 Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

# Test Report

**Report No.: AGC04094181102-001**
**Date:** Dec.24, 2018

**Page** 4 of 19

**Unit:** %

No.	Substance Name(s)	Refer to Method/ Equipment	CAS No.	EC No.	Result(s)	Report Limit
					1-1	
Ninth batch						
11	Dipentyl phthalate (DPP)	EN 14372:2004 GC-MS	131-18-0	205-017-9	N.D.	0.01
Tenth batch						
12	Dihexyl phthalate(DnHP)	EN 14372:2004 GC-MS	84-75-3	201-559-5	N.D.	0.01
Eleventh batch						
13	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	EN 14372:2004 GC-MS	68515-50-4	271-093-5	N.D.	0.01
Thirteenth batch						
14	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	EPA 3550C:2007& EPA 8270D:2014 GC-MS	68515-51-5 68648-93-1	271-094-0 272-013-1	N.D.	0.01
Nineteenth batch						
15	Dicyclohexyl phthalate (DCHP)	EPA 8270D:2014 GC-MS	84-61-7	201-545-9	N.D.	0.01

- Remarks:**
- 1.If a SVHC found over 0.1%, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.
  2. According to the specified scope and analytical technique concentrations of all 15 SVHC are less than 0.1% in the submitted sample(s).
  3. The report limit = Results below this value will be stated as N.D.

**Note:** - N.D.=Not Detected (<report limit)

-0.1%=1000mg/kg

-①: In view of the substances are established as UVCB substances(substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.


**Attestation of Global Compliance Std. & Tech.**
**No.18 C**

Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
 Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China



# Test Report

**Report No.: AGC04094181102-001**
**Date:** Dec.24, 2018

**Page** 5 of 19

**2. Test Result(s) of SCCP**

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			1-1	
SCCP	Refer to EPA 3540C:1996 EPA 8270D:2014 GC-MS	100	N.D.	1000
<b>Conclusion</b>	/	/	<b>Pass</b>	/

- Note:**
1. MDL=Method Detection Limit
  2. N.D.=Not Detected(less than method detection limit)
  3. As specified by client, only test the designated sample.

**Sample Description**

1-1	Black wire jacket
-----	-------------------

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Attestation of Global Compliance Std. &amp; Tech.

**No.18 C**  
 Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
 Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

# Test Report

Report No.: AGC04094181102-001

Date: Dec.24, 2018

Page 6 of 19

## 3.Test Methods:

A: Screening by X-ray Fluorescence Spectrometry (XRF) :With reference to IEC 62321-3-1:2013 Ed 1.0 Screening – Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry

B: Chemical test:

Test Item	Test Method	Measuring Instrument	MDL
Cadmium (Cd)	IEC 62321-5:2013 Ed 1.0	ICP-OES	2 mg/kg
Lead (Pb)	IEC 62321-5:2013 Ed 1.0	ICP-OES	2 mg/kg
Mercury (Hg)	IEC 62321-4:2013+A1:2017 Ed 1.1	ICP-OES	2 mg/kg
Non-metal Hexavalent Chromium (Cr <sup>6+</sup> )	IEC 62321-7-2:2017 Ed 1.0	UV-Vis	1 mg/kg
Metal Hexavalent Chromium (Cr <sup>6+</sup> )	IEC 62321-7-1:2015 Ed 1.0	UV-Vis	/
PBBs/PBDEs	IEC 62321-6:2015 Ed 1.0	GC-MS	5 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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

**AGC**

Attestation of Global Compliance Std. & Tech.

**No.18 C**

Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

# Test Report

**Report No.: AGC04094181102-001**
**Date: Dec.24, 2018**
**Page 7 of 19**
**Test Results:**
**A、EU RoHS Directive 2011/65/EU and its amendment directives on XRF**

Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
Recharge stand						
1	Black plastic shell(outer shell)	BL	BL	BL	BL	X*
2	Silver screw(outer shell)	BL	BL	BL	BL	-
3	Gray ceramic(induction coil)	BL	BL	BL	BL	BL
4	Coil wire jacket(induction coil)	BL	BL	BL	BL	BL
5	Blue tape(induction coil)	BL	BL	BL	BL	BL
6	Wire core(induction coil)	BL	BL	BL	BL	-
7	Thermistor(thermistor head)	BL	BL	BL	BL	BL
8	Enameled wire(thermistor head)	BL	BL	BL	BL	-
9	Chip resistor	BL	BL	BL	BL	BL
10	Chip capacitor	BL	OL*	BL	BL	BL
11	Chip diode	BL	BL	BL	BL	BL
12	Glass diode	BL	OL*	BL	BL	BL
13	Diode body(diode)	BL	BL	BL	BL	BL
14	Tin plating pin(diode)	BL	BL	BL	BL	-
15	Tin solder	BL	BL	BL	BL	-
16	PCB board	BL	BL	BL	BL	X*
17	White glue	BL	BL	BL	BL	BL
18	White plastic contact(USB joint)	BL	BL	BL	BL	X*
19	Contact pin(USB joint)	BL	BL	BL	BL	-
20	USB metal joint(USB joint)	BL	BL	BL	BL	-
21	White optocoupler	BL	BL	BL	BL	BL
22	Black plastic seat(power seat)	BL	BL	BL	BL	X*
23	Contact pin(power seat)	BL	BL	BL	BL	-

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.


**Attestation of Global Compliance Std. & Tech.**
**No.18 C**

 Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
 Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China



# Test Report

**Report No.: AGC04094181102-001**

Date: Dec.24, 2018

Page 8 of 19

Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
24	LED body(LED)	BL	BL	BL	BL	X*
25	Pin(LED)	BL	BL	BL	BL	-
26	Green magnetic ring(magnetic loop inductor)	BL	BL	BL	BL	BL
27	Yellow wire jacket(magnetic loop inductor)	BL	BL	BL	BL	BL
28	Enameled wire(magnetic loop inductor)	BL	BL	BL	BL	-
29	Aluminum frame(radiator)	BL	BL	BL	BL	-
30	Silver screw	BL	BL	BL	BL	-
31	Triode(radiator)	BL	BL	BL	BL	BL
32	Yellow plastic shell(safety gauge capacitance)	BL	BL	BL	BL	X*
33	Thin film(safety gauge capacitance)	BL	BL	BL	BL	BL
34	Yellow injected plastic(safety gauge capacitance)	BL	BL	BL	BL	X*
35	Red plastic shell(fuse)	BL	BL	BL	BL	BL
36	Black plastic seat(fuse)	BL	BL	BL	BL	BL
37	Silver metal wire(fuse)	BL	BL	BL	BL	-
38	Rectifier bridge body(rectifying bridge)	BL	BL	BL	BL	X*
39	Pin(rectifying bridge)	BL	OL*	BL	BL	-
40	Ceramic capacitor	BL	BL	BL	BL	BL
41	Green sleeving(electrolytic capacitor)	BL	BL	BL	BL	BL
42	Black sleeving(electrolytic capacitor)	BL	BL	BL	BL	BL
43	Aluminum shell(electrolytic capacitor)	BL	BL	BL	BL	-
44	Electrolytic paper(electrolytic capacitor)	BL	BL	BL	BL	BL
45	Anode foil(electrolytic capacitor)	BL	BL	BL	BL	-
46	Cathode foil(electrolytic capacitor)	BL	BL	BL	BL	-
47	Black rubber plug(electrolytic capacitor)	BL	BL	BL	BL	BL
48	Pin(electrolytic capacitor)	BL	BL	BL	BL	-
49	Silver metal frame(DR magnetic core)	BL	BL	BL	X*	-

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



# Test Report

**Report No.: AGC04094181102-001**

Date: Dec.24, 2018

Page 9 of 19

Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
50	Black plastic stents(DR magnetic core)	BL	BL	BL	BL	BL
51	Enameled wire(DR magnetic core)	BL	BL	BL	BL	-
52	Black magnetic frame(DR magnetic core)	BL	BL	BL	BL	BL
53	IC body(IC)(TYPE-C circuit board)	BL	BL	BL	BL	BL
54	Tin plating pin(IC) (TYPE-C circuit board)	BL	BL	BL	BL	-
55	Green PCB board(TYPE-C circuit board)	BL	BL	BL	BL	X*
56	Tin solder(TYPE-C circuit board)	BL	BL	BL	BL	-
57	TYPE-C metal connector(TYPE-C joint) (TYPE-C circuit board)	BL	BL	BL	X*	-
58	Black plastic contact(TYPE-C joint) (TYPE-C circuit board)	BL	BL	BL	BL	BL
59	Contact pin(TYPE-C joint) (TYPE-C circuit board)	BL	OL*	BL	BL	-
60	Magnet frame(transformer)	BL	BL	BL	BL	BL
61	Enameled wire(transformer)	BL	BL	BL	BL	-
62	Yellow tape(transformer)	BL	BL	BL	BL	BL
63	Black plastic skeleton(transformer)	BL	BL	BL	BL	BL
64	Three layer insulated wire jacket(transformer)	BL	BL	BL	BL	BL
Power wire						
65	Black handle(AC plug)	BL	BL	BL	BL	BL
66	Black plastic plug(AC plug)	BL	BL	BL	BL	X*
67	Metal plug(AC plug)	BL	BL	BL	BL	-
68	Black handle(output terminal)	BL	BL	BL	BL	BL
69	Copper terminal(output terminal)	BL	BL	BL	BL	-
70	Black outer wire jacket(wire rod)	BL	BL	BL	BL	BL
71	Brown wire jacket(wire rod)	BL	BL	BL	BL	BL
72	Wire core(wire rod)	BL	BL	BL	BL	-
73	Blue wire jacket(wire rod)	BL	BL	BL	BL	BL

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Attestation of Global Compliance Std. &amp; Tech.

**No.18 C**

 Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
 Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

# Test Report

Report No.: AGC04094181102-001

Date: Dec.24, 2018

Page 10 of 19

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	$BL \leq 70 - 3\sigma < X$ $< 130 + 3\sigma \leq OL$	$BL \leq 70 - 3\sigma < X$ $< 130 + 3\sigma \leq OL$	$BL \leq 50 - 3\sigma < X$ $< 150 + 3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700 - 3\sigma < X$ $< 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X$ $< 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X$ $< 1500 + 3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700 - 3\sigma < X$ $< 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X$ $< 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X$ $< 1500 + 3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700 - 3\sigma < X$	$BL \leq 700 - 3\sigma < X$	$BL \leq 500 - 3\sigma < X$
Br	mg/kg	$BL \leq 300 - 3\sigma < X$	-	$BL \leq 250 - 3\sigma < X$

Note: BL= Below Limit

OL= Over limited

X= Inconclusive

“-“= Not regulated

\*= Scanning by XRF and detected by chemical method. The test results of chemical method please refer to next pages.

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



# Test Report

Report No.: AGC04094181102-001

Date: Dec.24, 2018

Page 11 of 19

Remark:

- i Results were obtained by XRF for primary scanning, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the above warning value according to IEC 62321-3-1:2013 Ed 1.0.
- ii The XRF scanning test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.
- iii The maximum permissible limit is quoted from RoHS directive 2011/65/EU:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	100
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominated diphenylethers (PBDEs)	1000

Disclaimers:

This XRF Scanning report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF scanning report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

# Test Report

Report No.: AGC04094181102-001

Date: Dec.24, 2018

Page 12 of 19

## B、The Test Results of Chemical Method:

### 1) The Test Results of Pb

Test Item(s)	Unit	Result(s)			
		10	12	39	59
Lead(Pb)	mg/kg	50065*	13104*	18	87

Note: N.D. = Not Detected or less than MDL

mg/kg = parts per million

MDL = Method Detection Limit

- \* 1= As claimed by the material declaration submitted by the client, the materials of the sample No.10 is ceramic, according to the RoHS 2011/65 / EU, lead in the ceramic electronic components is exempted.  
2=As claimed by the material declaration submitted by the client, the materials of the sample No.15 is glass, according to the ROHS 2011/65 / EU, lead in glass of electronic components is exempted.

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

**AGC**

Attestation of Global Compliance Std. & Tech.

**No.18 C**

Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China



# Test Report

**Report No.: AGC04094181102-001**

Date: Dec.24, 2018

Page 13 of 19

**2)The Test Results of metal Cr<sup>6+</sup>**

Test Item(s)	MDL	Result(s)		Limit
		49	57	
Hexavalent Chromium (Cr <sup>6+</sup> )	See note	Negative	Negative	#

Note:

- Negative = Absence of Cr(VI) on the tested areas
- MDL = Method Detection Limit
- Boiling-water-extraction:

Number	Colorimetric result (Cr(VI) concentration)	Qualitative result
1	The sample solution is < the 0,10 µg/cm <sup>2</sup> equivalent comparison standard solution	The sample is negative for Cr(VI) – The Cr(VI) concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating.
2	The sample solution is ≥ the 0,10 µg/cm <sup>2</sup> and ≤ the 0,13 µg/cm <sup>2</sup> equivalent comparison standard solutions	The result is considered to be inconclusive – Unavoidable coating variations may influence the determination.
3	The sample solution is > the 0,13 µg/cm <sup>2</sup> equivalent comparison standard solution	The sample is positive for Cr(VI) – The Cr(VI) concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).

- # = Negative indicates the absence of Cr(VI) on the tested areas concentration is below the limit of quantification. The coating is considered a non-Cr(VI) based coating.
- Uncertainty indicates the absence of Cr(VI) on the tested areas unavoidable coating variations may influence the determination.
- Positive indicates the presence of Cr(VI) on the tested areas concentration is above the limit of quantification and the statistical margin of error. The sample coating is considered to contain Cr(VI).
- Storage conditions and production date of the tested sample are unavailable and thus result of Cr(VI) represent status of the sample at the time of testing.

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Attestation of Global Compliance Std. &amp; Tech.

**No.18 C**

 Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
 Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

# Test Report

**Report No.: AGC04094181102-001**
**Date:** Dec.24, 2018

**Page** 14 of 19

**3) The Test Results of PBBs & PBDEs**

Unit: mg/kg

Item(s)	MDL	Result(s)					Limit
		1	16	18	22	24	
Polybrominated Biphenyls (PBBs)							
Monobromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	Total PBBs Content <1000
Dibromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	/	N.D.	N.D.	N.D.	N.D.	N.D.	
Polybrominated Diphenylethers (PBDEs)							
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	Total PBDEs Content <1000
Dibromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	/	N.D.	N.D.	N.D.	N.D.	N.D.	
Conclusion	/	Pass	Pass	Pass	Pass	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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



Attestation of Global Compliance Std. &amp; Tech.

**No.18 C**  
 Tel: +86-755 8358 3833 Fax: +86-755 2531 6612 E-mail: agc01@agc-cert.com 400 089 2118  
 Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China



# Test Report

Report No.: AGC04094181102-001

Date: Dec.24, 2018

Page 15 of 19

Unit: mg/kg

Item(s)	MDL	Result(s)					Limit
		32	34	38	55	66	
Polybrominated Biphenyls (PBBs)							
Monobromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	Total PBBs Content <1000
Dibromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	/	N.D.	N.D.	N.D.	N.D.	N.D.	
Polybrominated Diphenylethers (PBDEs)							
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	Total PBDEs Content <1000
Dibromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	/	N.D.	N.D.	N.D.	N.D.	N.D.	
Conclusion	/	Pass	Pass	Pass	Pass	Pass	/

Note: N.D. = Not Detected or less than MDL  
 mg/kg = parts per million  
 MDL = Method Detection Limit

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

# Test Report

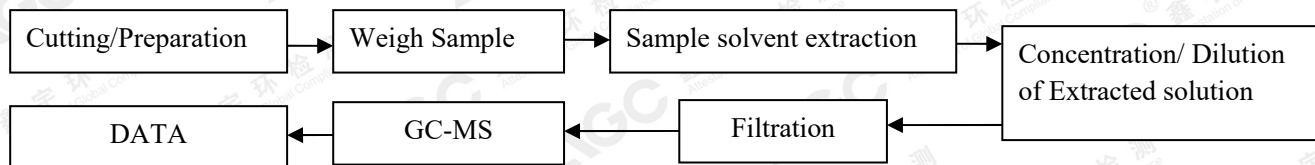
Report No.: AGC04094181102-001

Date: Dec.24, 2018

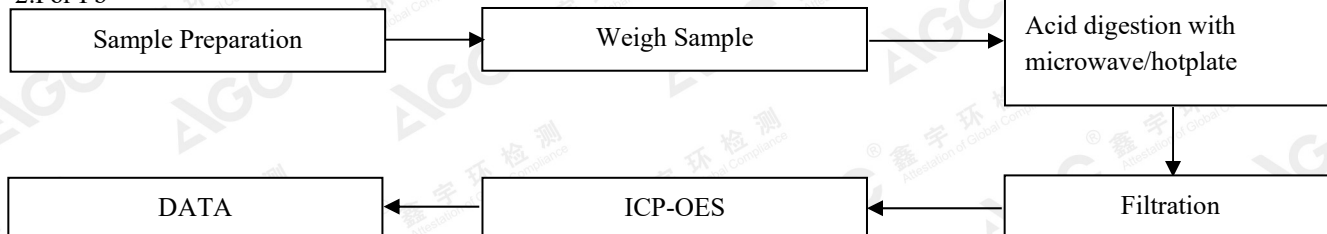
Page 16 of 19

## Test Flow Chart

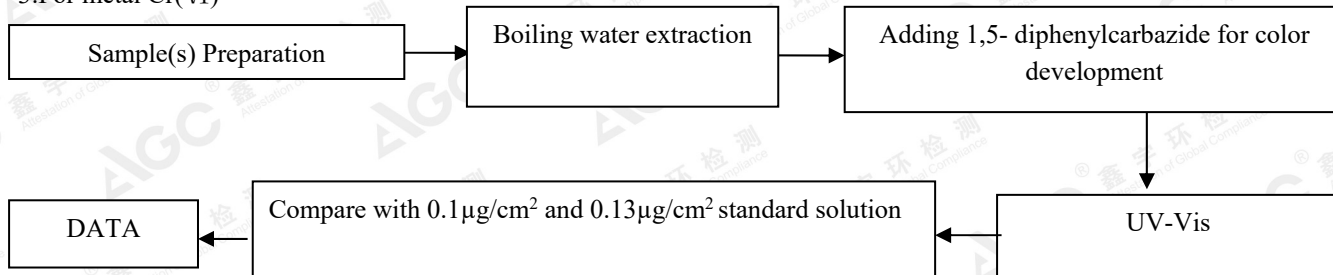
### 1. For phthalates, SCCPs



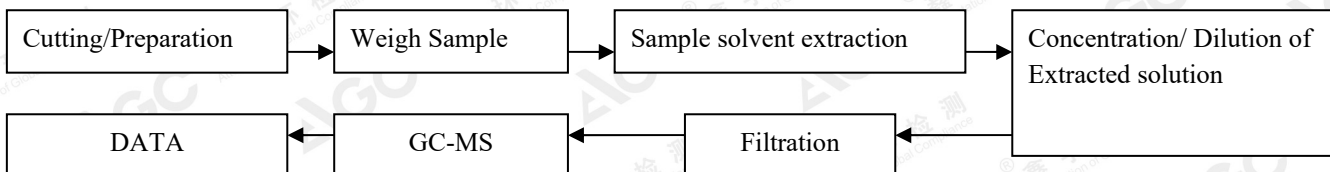
### 2. For Pb



### 3. For metal Cr(VI)



### 4. For PBBs & PBDEs



Test result on specimen No.15, No.39, No.54, No.56 were resubmitted sample on Dec.17, 2018.

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.



# Test Report

Report No.: AGC04094181102-001

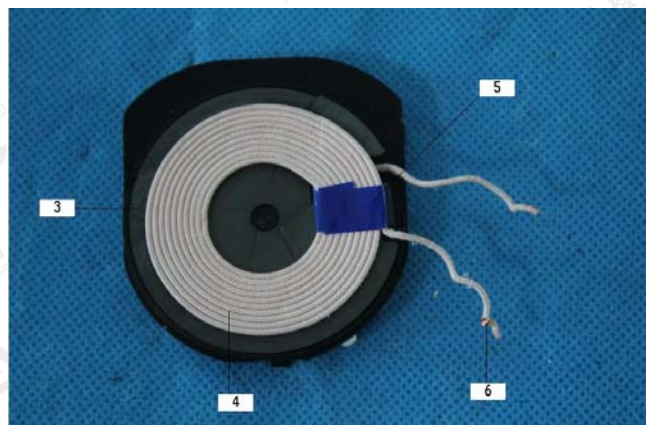
Date: Dec.24, 2018

Page 17 of 19

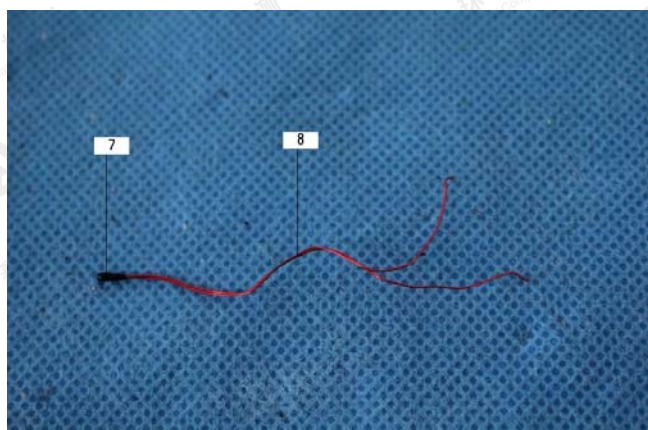
## The photo of the sample



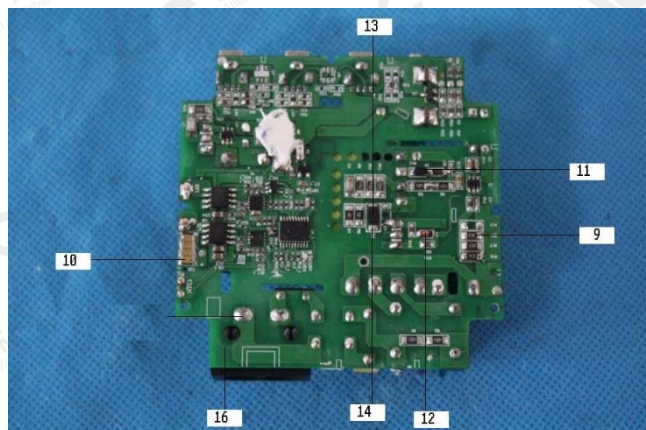
1



2



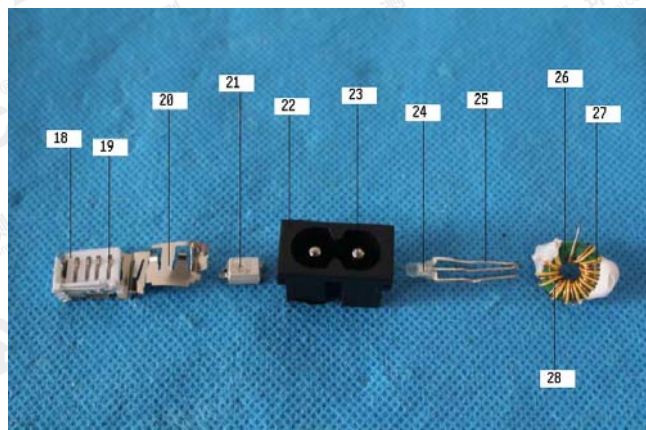
3



4



5



6

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

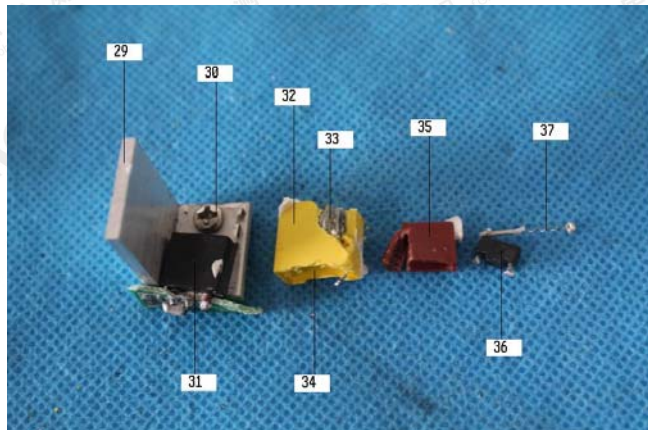


# Test Report

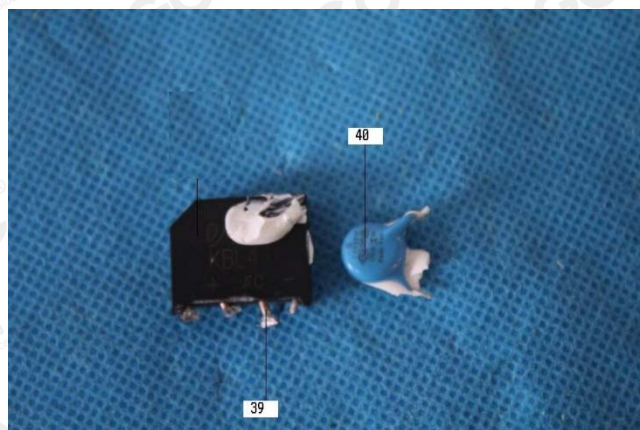
Report No.: AGC04094181102-001

Date: Dec.24, 2018

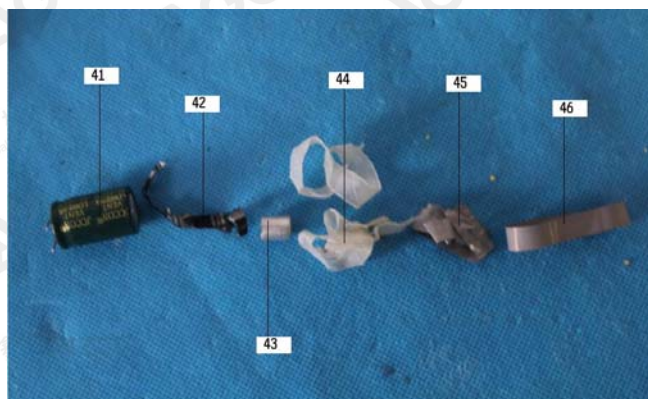
Page 18 of 19



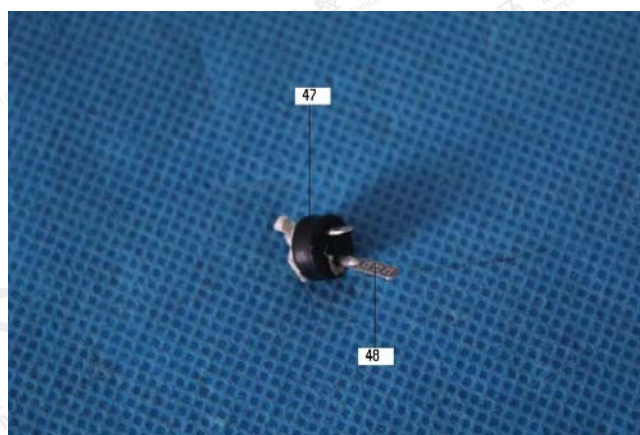
7



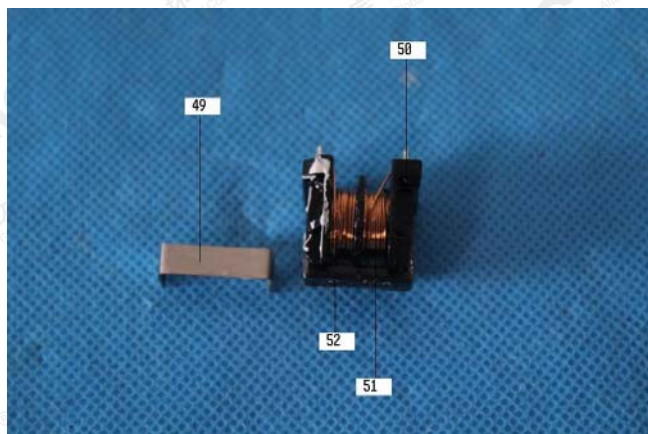
8



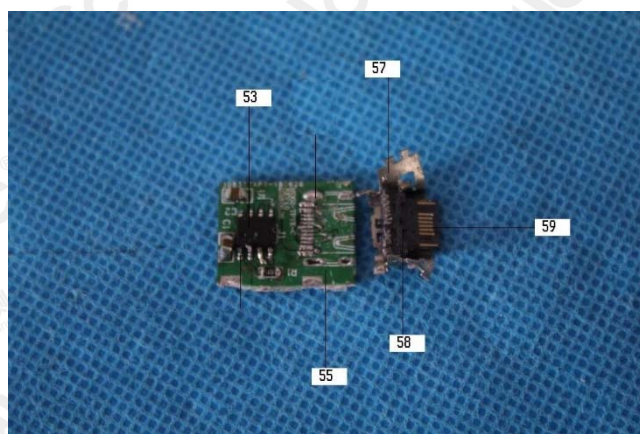
9



10



11



12

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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.

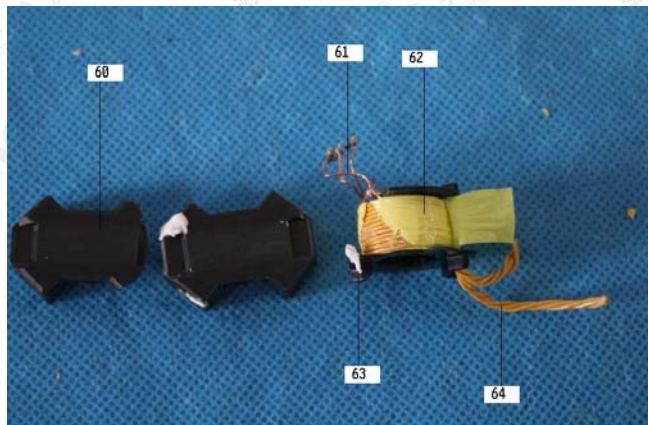


# Test Report

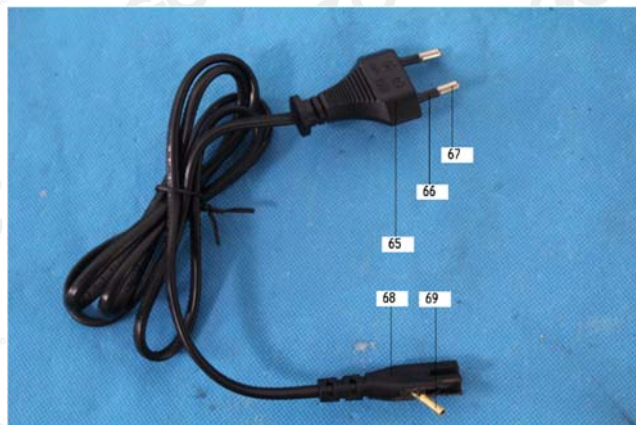
Report No.: AGC04094181102-001

Date: Dec.24, 2018

Page 19 of 19



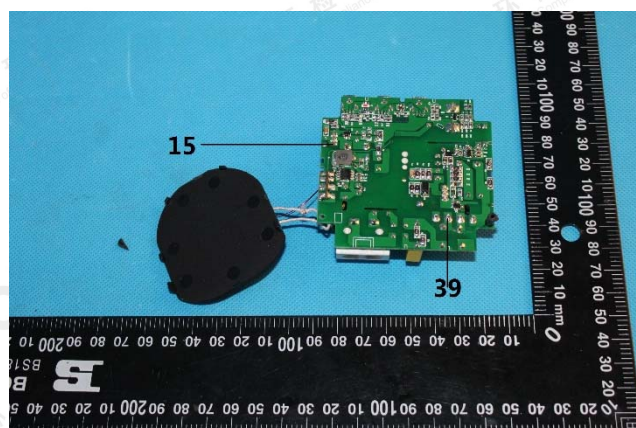
13



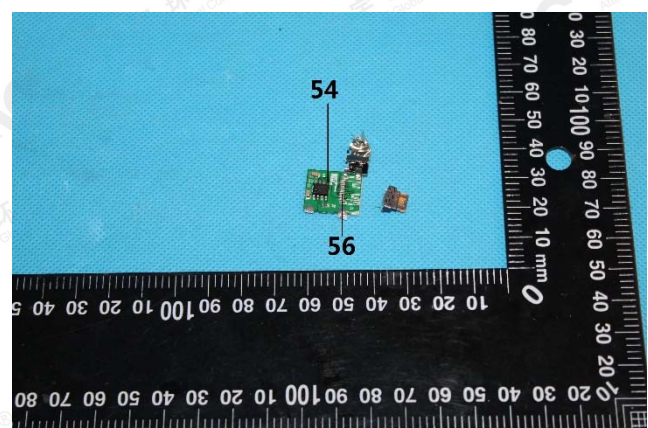
14



15



16



17



18

**AGC04094181102-001**

AGC authenticate the photo on original report only

\*\*\* 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 AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at <http://www.agc-cert.com>.