Test Report

Report No.: AGC00552181218-001 Date: Jan.24, 2019 Page 1 of 27

Applicant: Shenzhen Huafurui Technology Co., Ltd.

Address: Unit 1401 &1402, 14/F, Jin qi zhi gu mansion (No. 4 building of Chong wen Garden), Crossing of the Liu xian street and Tang ling road, Tao yuan street, Nan shan district, Shenzhen,P.R. China

Report on the submitted sample(s) said to be:

Sample Name:	Smart Phone
Sample Model:	X19
Brand:	CUBOT
Manufacturer:	Shenzhen Huafurui Technology Co., Ltd.
Address:	Unit 1401 &1402, 14/F, Jin qi zhi gu mansion (No. 4 building of Chong wen Garden), Crossing of the Liu xian street and Tang ling road, Tao yuan street, Nan shan district, Shenzhen,P.R. China
Test site:	1,6/F.,Building 2,No. 1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong, China
Sample Received Date:	Dec.27, 2018
Testing Period:	Dec.27, 2018 to Jan.24, 2019

Test Requested: Please refer to following page(s).

Test Method: Please refer to following page(s).

Test Result: Please refer to following page(s).

Approved by:

Liulinwen, Lewis

Technical Director

Attestation of Global Compliance Std. & Tech.

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Add: Building 2, No.171, Meihua Road, Shangmeilin, Futian District, Shenzhen, Guangdong China

Test Report

Test Requested:	**Conclusion**
1. As specified by client, to determine Lead(Pb), Cadmium(Cd), Mercury(Hg) content accordance with European Directive 2006/66/EC and its amendments 2013/56/EU.	**Pass**
2. As specified by client, to determine the Pb, Cd, Hg, Cr^{6+}, 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.	**Pass**
3. As specified by client, to determine theDBP, BBP, DEHP, DIBP content in the submitted sample in accordance with Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863.	**Pass**

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^{6+})	IEC 62321-7-2:2017 Ed 1.0	UV-Vis	1 mg/kg
Metal Hexavalent Chromium (Cr^{6+})	IEC 62321-7-1:2015 Ed 1.0	UV-Vis	/
PBBs/PBDEs	IEC 62321-6:2015 Ed 1.0	GC-MS	5 mg/kg

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Test Result(s):

1. Test result of Lead(Pb), Cadmium(Cd), Mercury(Hg)

Unit: %,w/w

Test item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			39	
Lead (Pb)	Refer to IEC 62321-5:2013 ICP-OES	0.0005	N.D.	—
Cadmium (Cd)		0.0005	N.D.	0.002
Mercury (Hg)	Refer to IEC 62321-4: 2013+A1:2017 ICP-OES	0.0001	N.D.	0.0005
Conclusion	/	/	**Pass**	/

Note:

- N.D.=Not Detected(less than method detection limit)
- MDL = Method Detection Limit
- "—" =Not regulated
- As specified by client, only test the designated sample.

Sample Description

39	Electric core (battery)

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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
1	Touch-screen glass(Touch screen glass)	BL	BL	BL	BL	BL
2	Black FPC(Touch screen glass)	BL	BL	BL	BL	BL
3	Chip IC(Touch screen glass)	BL	BL	BL	BL	BL
4	Brown tape(Touch screen glass)	BL	BL	BL	BL	BL
5	Display glass(Display)	BL	BL	BL	BL	BL
6	Lower diffusion(Display)	BL	BL	BL	BL	BL
7	Upper intensify(Display)	BL	BL	BL	BL	BL
8	Light guide plate(Display)	BL	BL	BL	BL	BL
9	Reflector panel(Display)	BL	BL	BL	BL	BL
10	Black cotton stick(Partition)	BL	BL	BL	BL	BL
11	Metal clapboard(Partition)	BL	BL	BL	BL	-
12	Black plastic frame(Partition)	BL	BL	BL	BL	BL
13	Copper nut(Partition)	BL	OL*	BL	BL	-
14	Black double-sided adhesive(Partition)	BL	BL	BL	BL	BL
15	Phone back cover	BL	BL	BL	BL	BL
16	Black plastic frame(Frame)	BL	BL	BL	BL	BL
17	Transparent lamp shade(Frame)	BL	BL	BL	BL	BL
18	Camera lens(Frame)	BL	BL	BL	BL	BL
19	Black screw	BL	BL	BL	BL	-
20	Black shade(Receiver)	BL	BL	BL	BL	BL
21	Metal contact piece(Receiver)	BL	BL	BL	X*	-
22	Black plastic frame(Receiver)	BL	BL	BL	BL	BL
23	Magnetic shielding cover(Receiver)	BL	BL	BL	BL	-
24	Copper contact piece(Connecting plate)	BL	BL	BL	X*	-

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Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
25	Chip microphone(Connecting plate)	BL	BL	BL	BL	BL
26	FPC(Connecting plate)	BL	BL	BL	BL	BL
27	Tin solder(Connecting plate)	BL	BL	BL	BL	-
28	TYPE-C Metaljoint(Connecting plate)	BL	BL	BL	BL	-
29	Red wire jacket(Motor)	BL	BL	BL	BL	BL
30	Black cotton stick(Motor)	BL	BL	BL	BL	BL
31	Silver metal shell(Motor)	BL	BL	BL	BL	-
32	Silver magnet(Motor)	BL	BL	BL	BL	-
33	Blue wire jacket(Motor)	BL	BL	BL	BL	BL
34	Wire core(Motor)	BL	BL	BL	BL	-
35	Black plastic stents(Motor)	BL	BL	BL	BL	X*
36	Enameled wire(Motor)	BL	BL	BL	BL	-
37	FPC connecting piece	BL	BL	BL	BL	BL
38	Silver tape(Battery)	BL	BL	BL	BL	BL
40	Brown tape(Battery)	BL	BL	BL	BL	BL
41	Tin solder(Battery)	BL	BL	BL	BL	-
42	Black PCB board(Battery)	BL	BL	BL	BL	X*
43	Chip IC(Battery)	BL	BL	BL	BL	BL
44	Tin plating pin(Battery)	BL	BL	BL	BL	-
45	Metal contact piece(Speaker)	BL	BL	BL	X*	-
46	Black plastic frame(Speaker)	BL	BL	BL	BL	BL
47	Magnetic shielding cover(Speaker)	BL	BL	BL	BL	-
48	Black metal cassette	BL	BL	BL	X*	-
49	Copper terminal(Antenna)	BL	BL	BL	BL	-
50	Black wire jacket(Antenna)	BL	BL	BL	BL	BL
51	FPC(Front camera)	BL	BL	BL	BL	BL

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Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
52	Black plastic seat(Front camera)	BL	BL	BL	BL	BL
53	Transparent lens(Front camera)	BL	BL	BL	BL	BL
54	Square glass(Front camera)	BL	BL	BL	BL	BL
55	Chip core(Front camera)	BL	BL	BL	BL	BL
56	Black plastic seat(Rear Camera)	BL	BL	BL	BL	BL
57	Transparent lens(Rear Camera)	BL	BL	BL	BL	BL
58	Chip core(Rear Camera)	BL	BL	BL	BL	BL
59	FPC(Rear Camera)	BL	BL	BL	BL	BL
60	FPC(Fingerprint unlock key)	BL	BL	BL	BL	BL
61	Blue touch button(Fingerprint unlock key)	BL	BL	BL	BL	-
62	Metal shield cover(Main board)	BL	BL	BL	BL	-
63	Chip IC(Main board)	BL	BL	BL	BL	BL
64	Metal holder(Main board)	BL	BL	BL	X*	-
65	Black plastic slot(Main board)	BL	BL	BL	BL	BL
66	Patch actinic lamp(Main board)	BL	BL	BL	BL	BL
67	Chip inductor(Main board)	BL	BL	BL	X*	BL
68	Chip resistor(Main board)	BL	BL	BL	BL	BL
69	Chip capacitor(Main board)	BL	BL	BL	BL	BL
70	Tin solder(Main board)	BL	BL	BL	BL	-
71	Blue PCB board(Main board)	BL	BL	BL	BL	X*
72	Black audio holder(Main board)	BL	BL	BL	BL	BL
73	White plastic shell(Shell)	BL	BL	BL	BL	BL
74	Metal plug(Shell)	BL	BL	BL	BL	-
75	Metal contact piece	BL	BL	BL	BL	-
76	Black heat shrinkable casing(Fuse)	BL	BL	BL	BL	BL
77	Khaki fuse(Fuse)	BL	BL	BL	BL	BL

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Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
78	Black thermistor	BL	BL	BL	BL	BL
79	Green sleeving(Electrolytic capacitor)	BL	BL	BL	BL	BL
80	Aluminum shell(Electrolytic capacitor)	BL	BL	BL	BL	-
81	Ceramic capacitance	BL	BL	BL	BL	BL
82	USB metal joint(USB joint)	BL	BL	BL	BL	-
83	White plastic contact(USB joint)	BL	BL	BL	BL	X*
84	Three layer insulation line(Transformer)	BL	BL	BL	BL	BL
85	Transparent sleeving(Transformer)	BL	BL	BL	BL	BL
86	Yellow tape(Transformer)	BL	BL	BL	BL	BL
87	Black plastic skeleton(Transformer)	BL	BL	BL	BL	BL
88	Tin solder	BL	BL	BL	BL	-
89	PCB board	BL	BL	BL	BL	X*
90	Chip resistor	BL	BL	BL	BL	BL
91	Chip capacitor	BL	BL	BL	BL	BL
92	Black plastic piece	BL	BL	BL	BL	BL
93	Chip IC	BL	BL	BL	BL	BL
94	White handle(USB plug)	BL	BL	BL	BL	BL
95	Transparent inner glue(USB plug)	BL	BL	BL	BL	BL
96	Tin solder(USB plug)	BL	BL	BL	BL	-
97	White plastic plug(USB plug)	BL	BL	BL	BL	BL
98	Contact pin(USB plug)	BL	BL	BL	BL	-
99	USB metal plug(USB plug)	BL	BL	BL	BL	-
100	Tin solder(TYPE-C plug)	BL	BL	BL	BL	-
101	Green PCB board(TYPE-C plug)	BL	BL	BL	BL	X*
102	Tin plated pin(TYPE-C plug)	BL	BL	BL	BL	-
103	White plastic plug(TYPE-C plug)	BL	BL	BL	BL	X*

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Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
104	Type-c metal plug(TYPE-C plug)	BL	BL	BL	X*	-
105	White outer wire jacket(Wire rod)	BL	BL	BL	BL	BL
106	Red wire jacket(Wire rod)	BL	BL	BL	BL	BL
107	Black wire jacket(Wire rod)	BL	BL	BL	BL	BL
108	White wire jacket(Wire rod)	BL	BL	BL	BL	BL
109	Wire core(Wire rod)	BL	BL	BL	BL	-
110	Green wire jacket(Wire rod)	BL	BL	BL	BL	BL

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

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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.

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B、The Test Results of Chemical Method:

1) The Test Results of Pb

Test Item(s)	Unit	Result(s)
		13
Lead(Pb)	mg/kg	34125*

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.13 is copper alloy, according to the RoHS 2011/65 / EU, Lead is exempted as an alloying element in Copper containing up to 4% (40000ppm) by weight.

2) The Test Results of non-metal Cr^{6+}

Test Item(s)	Unit	Result(s)	Limit
		67	
Hexavalent Chromium(Cr^{6+})	mg/kg	N.D.	1000

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

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3)The Test Results of metal Cr^{6+}

Test Item(s)	MDL	Result(s)						Limit
		21	24	45	48	64	104	
Hexavalent Chromium (Cr^{6+})	See note	Negative	Negative	Negative	Negative	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/cm² 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/cm² and ≤ the0,13 μg/cm² 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/cm² 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.

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4) The Test Results of PBBs & PBDEs

Unit: mg/kg

Item(s)	MDL	Result(s)				Limit
		35	42	71	83	
Polybrominated Biphenyls (PBBs)						
Monobromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	Total PBBs Content <1000
Dibromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Total content	/	N.D.	N.D.	N.D.	N.D.	
Polybrominated Diphenylethers (PBDEs)						
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	Total PBDEs Content <1000
Dibromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Total content	/	N.D.	N.D.	N.D.	N.D.	
Conclusion	/	**Pass**	**Pass**	**Pass**	**Pass**	/

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Unit: mg/kg

Item(s)	MDL	Result(s)			Limit
		89	101	103	
Polybrominated Biphenyls (PBBs)					
Monobromobiphenyl	5	N.D.	N.D.	N.D.	Total PBBs Content <1000
Dibromobiphenyl	5	N.D.	N.D.	N.D.	
Tribromobiphenyl	5	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	
Octabromobiphenyl	5	N.D.	N.D.	N.D.	
Nonabromodiphenyl	5	N.D.	N.D.	N.D.	
Decabromodiphenyl	5	N.D.	N.D.	N.D.	
Total content	/	N.D.	N.D.	N.D.	
Polybrominated Diphenylethers (PBDEs)					
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	Total PBDEs Content <1000
Dibromodiphenyl ether	5	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	5	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	5	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	5	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	
Total content	/	N.D.	N.D.	N.D.	
Conclusion	/	**Pass**	**Pass**	**Pass**	/

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

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3.Test result of DBP, BBP, DEHP, DIBP content

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			1	2	3	4	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			5	6	7	8	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			9	10	12	14	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			15	16	17	18	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			20	22	25	26	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			29	30	33	35	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			37	38	40	42	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			43	46	50	51	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			52	53	54	55	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			56	57	58	59	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			60	63	65	66	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			67	68	69	71	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			72	73	76	77	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			78	79	81	83	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			84	85	86	87	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			89	90	91	92	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			93	94	95	97	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			101	103	105	106	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	**Pass**	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)			Limit
			107	108	110	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	N.D.	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	N.D.	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	N.D.	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	N.D.	N.D.	N.D.	1000
Conclusion		/	**Pass**	**Pass**	**Pass**	/

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

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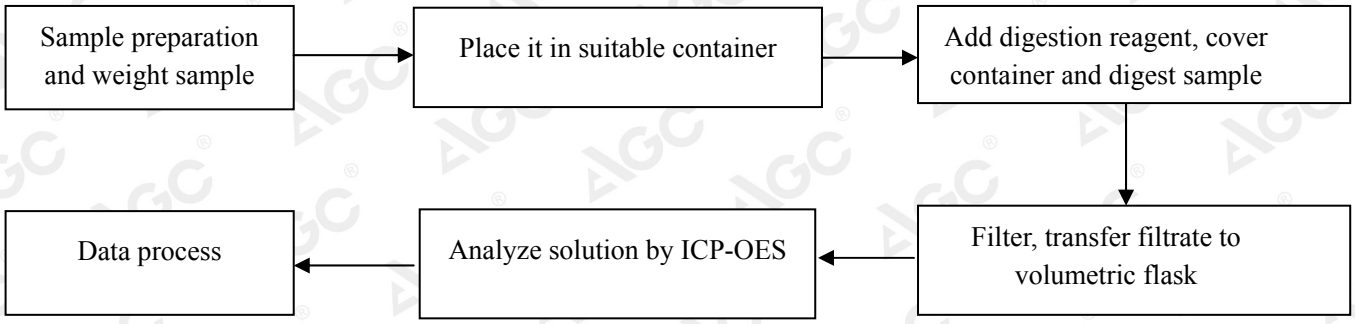
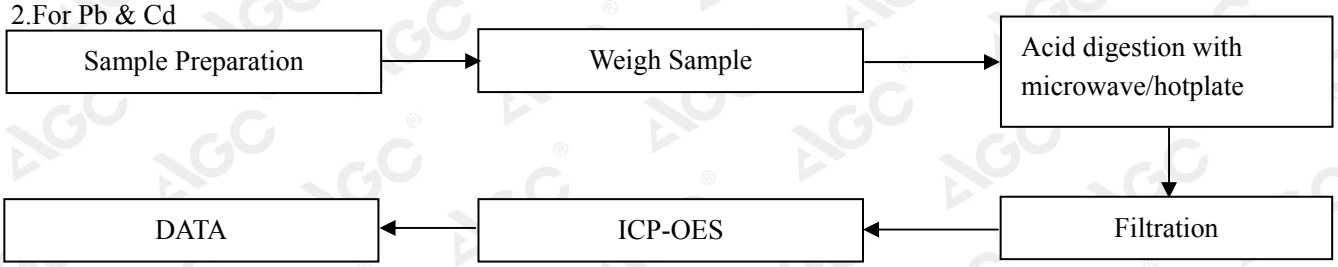
Test Flow Chart

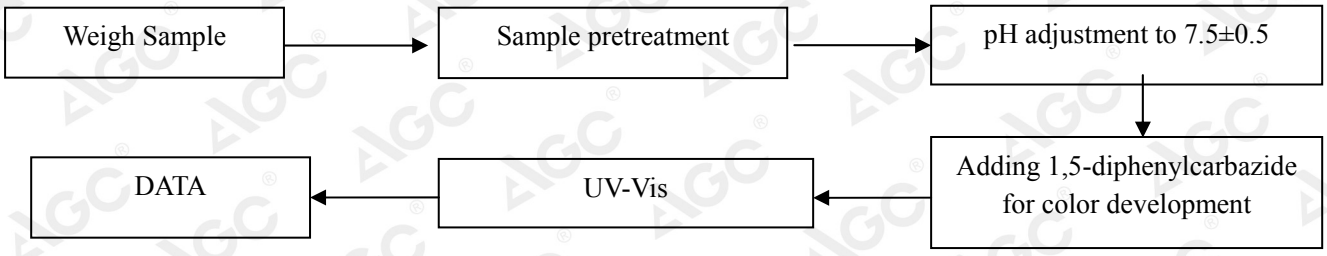
1.For Lead(Pb), Cadmium(Cd), Mercury(Hg)(2006/66/EC)



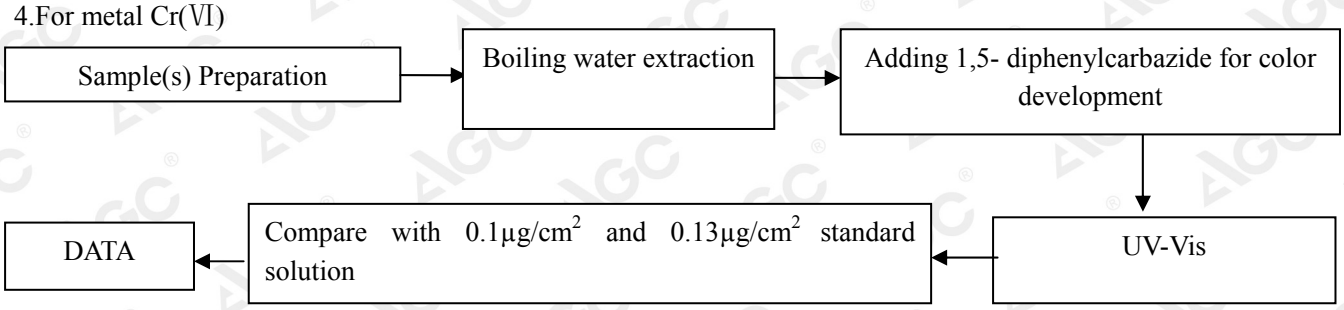
2.For Pb & Cd



3.For non-metal Cr(Ⅵ)



4.For metal Cr(Ⅵ)



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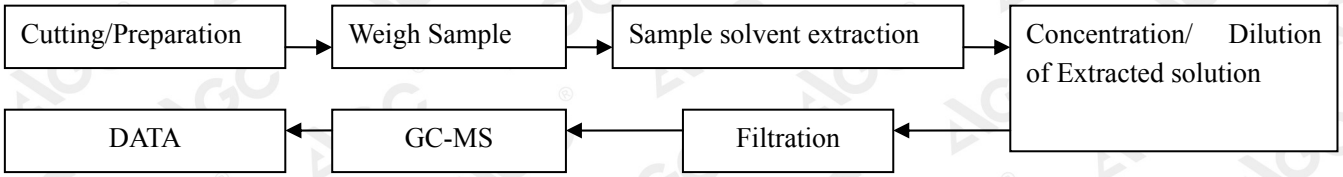
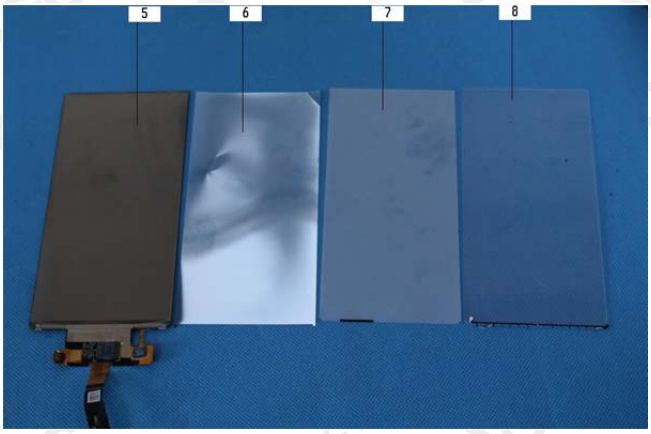
4. For PBBs, PBDEs, DBP, BBP, DEHP, DIBP



Test result on specimen No.102 was resubmitted on Jan.22, 2019.

The photo of the sample

1



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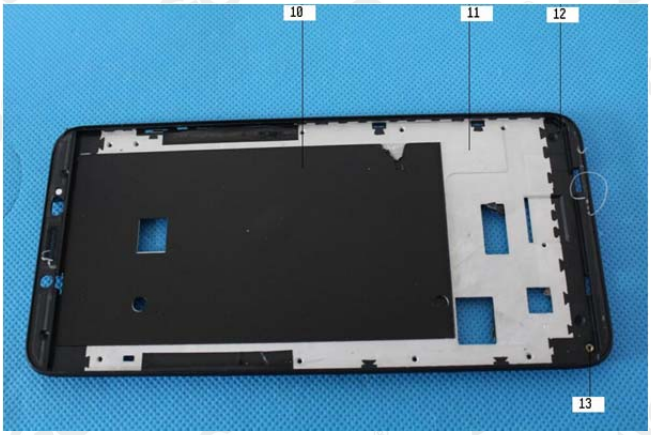

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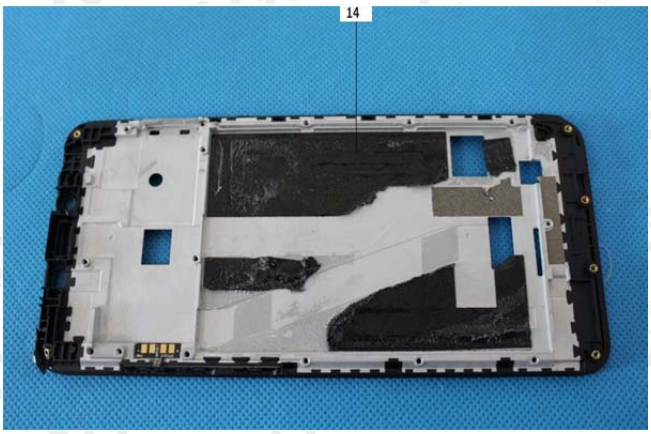

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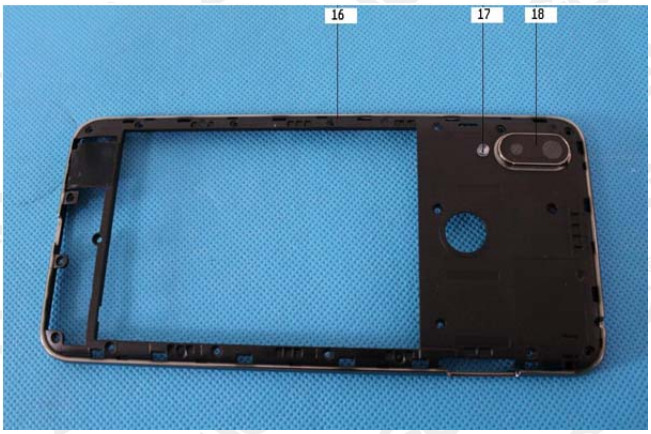

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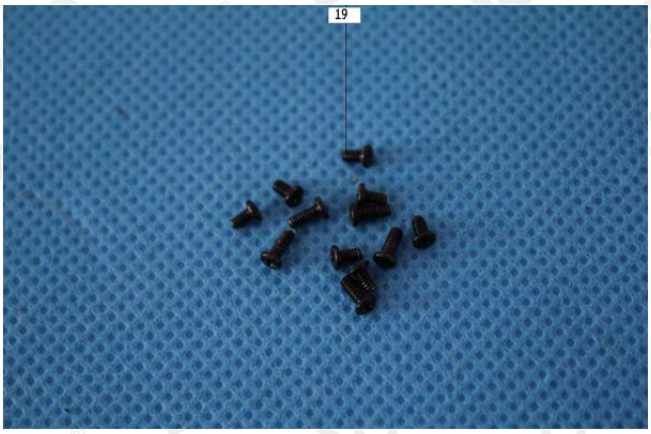

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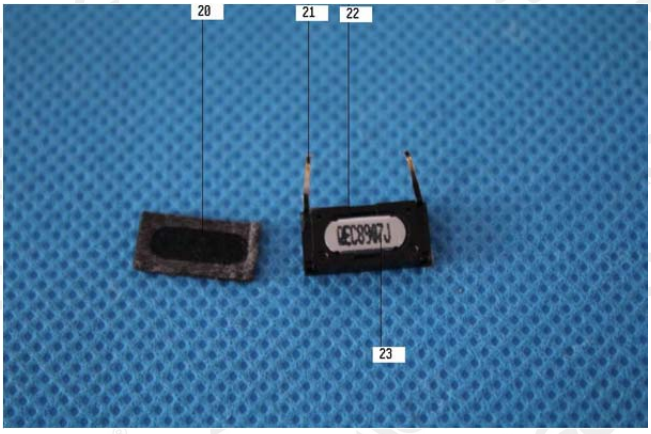

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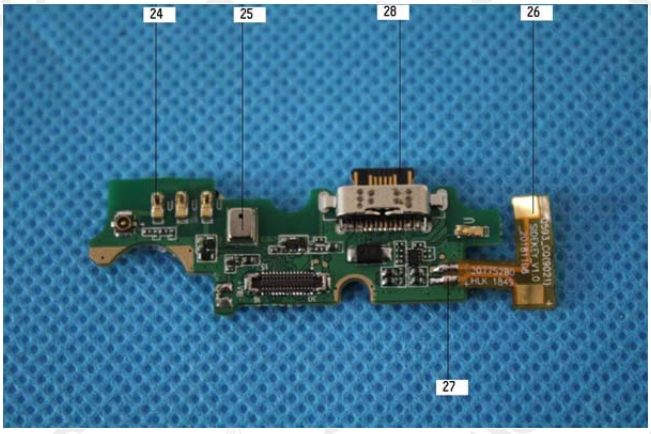

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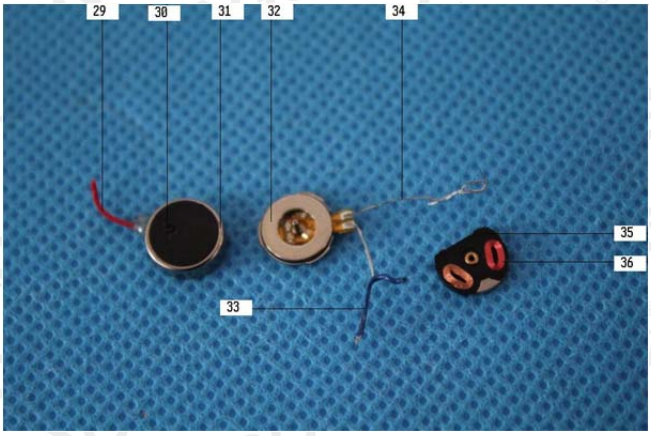

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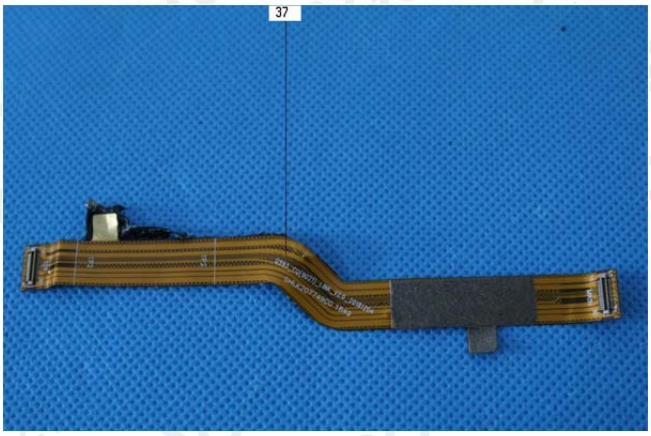

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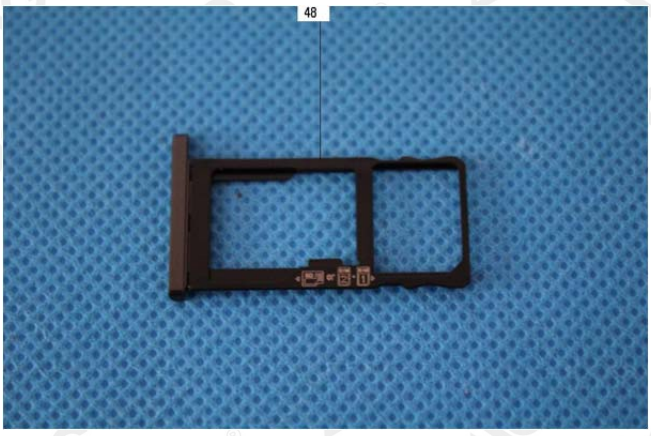

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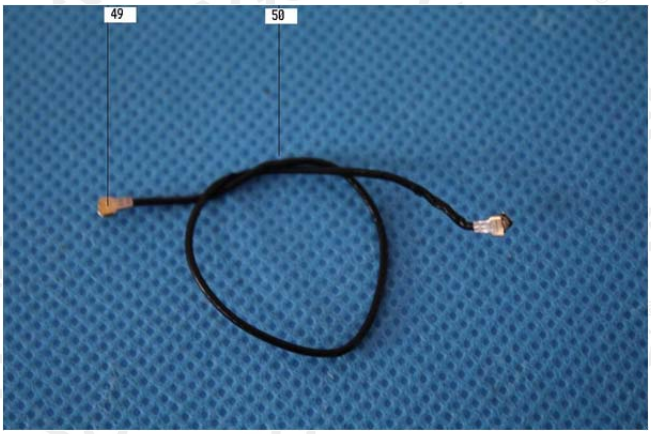

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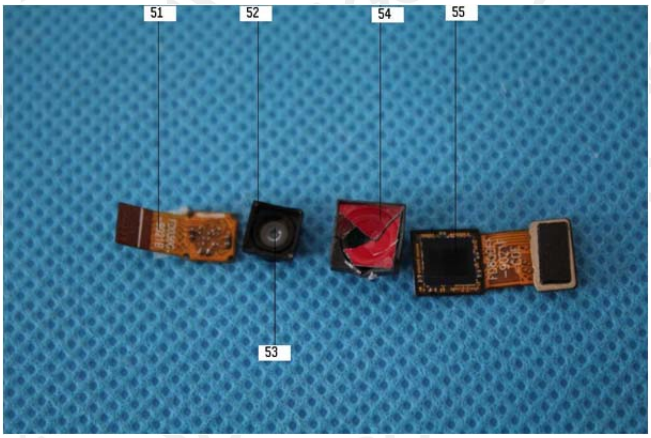

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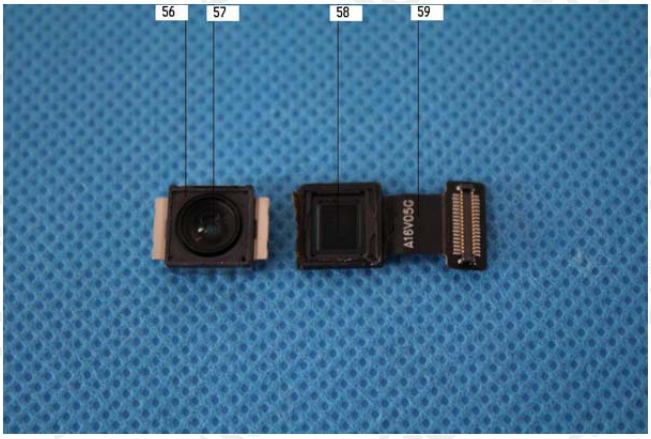

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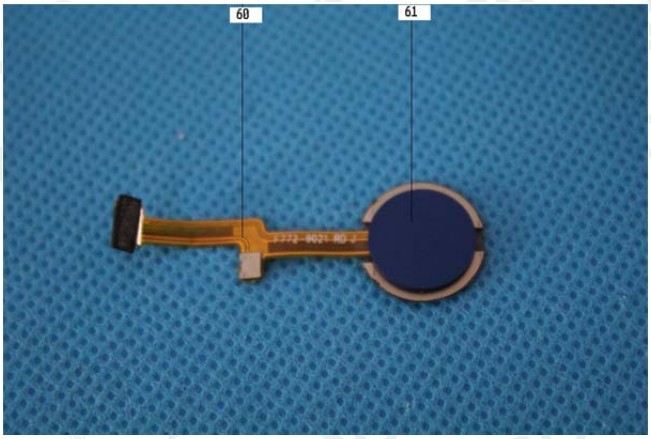

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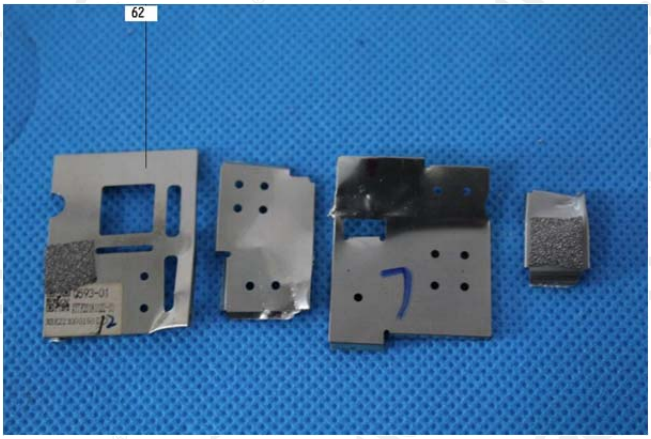

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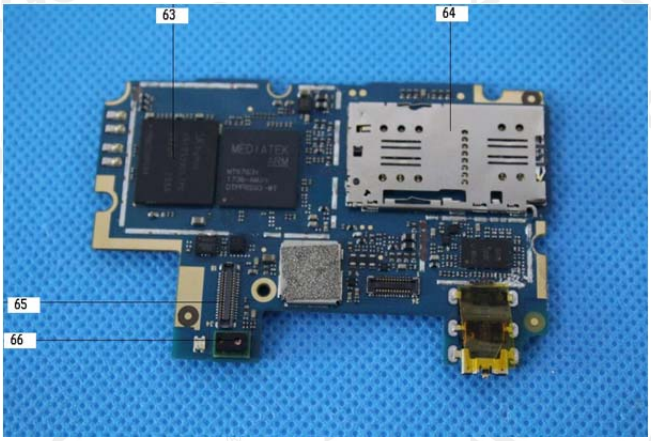

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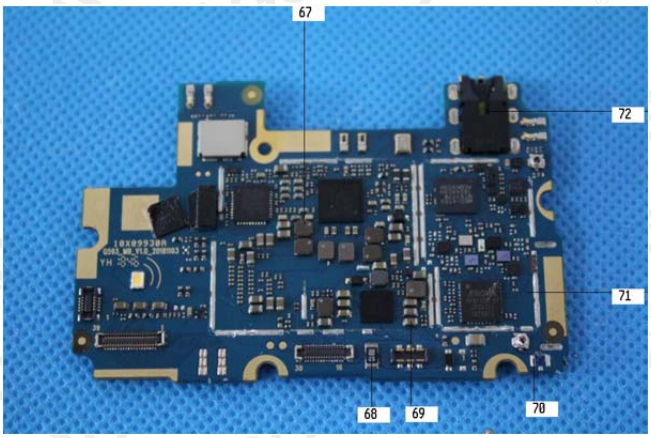

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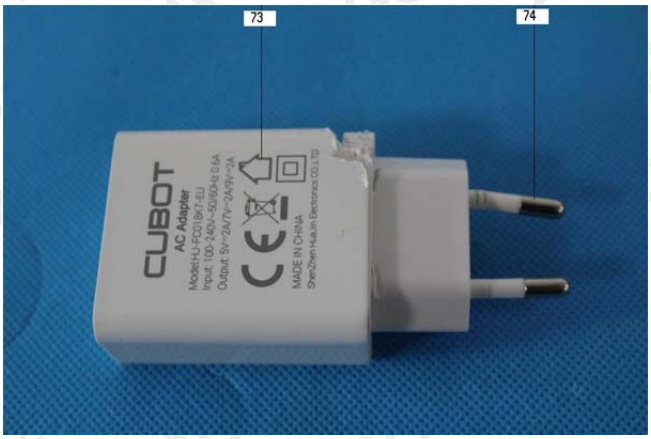

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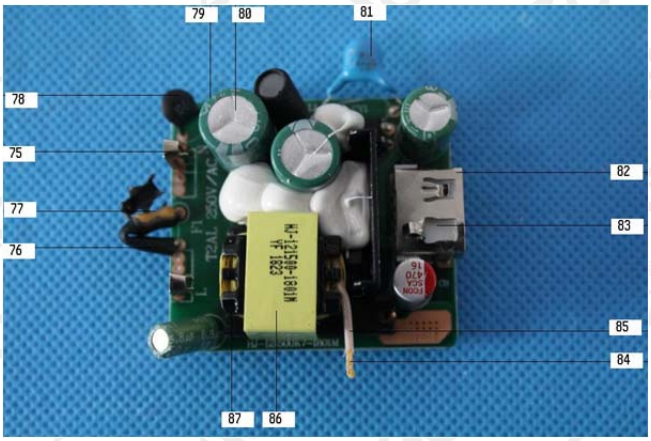

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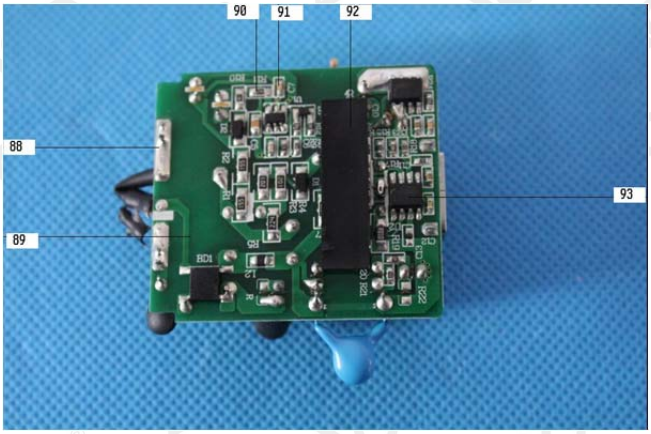

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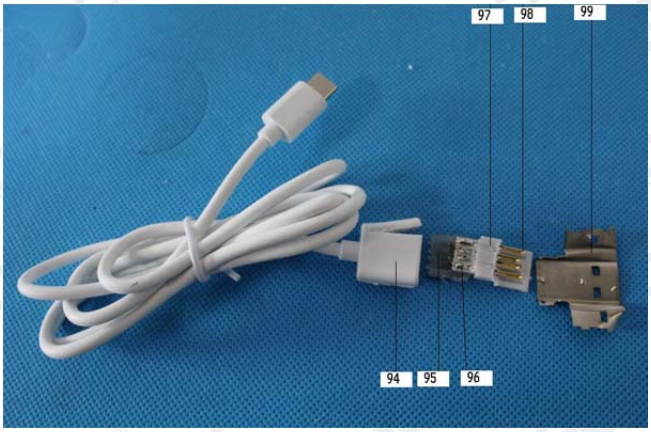

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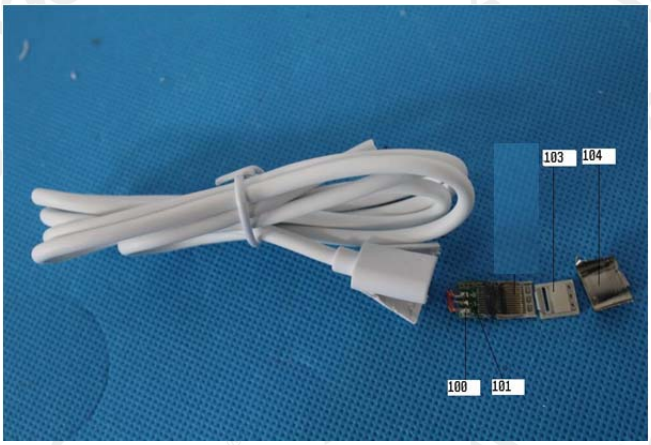

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Attestation of Global Compliance Std. & Tech.

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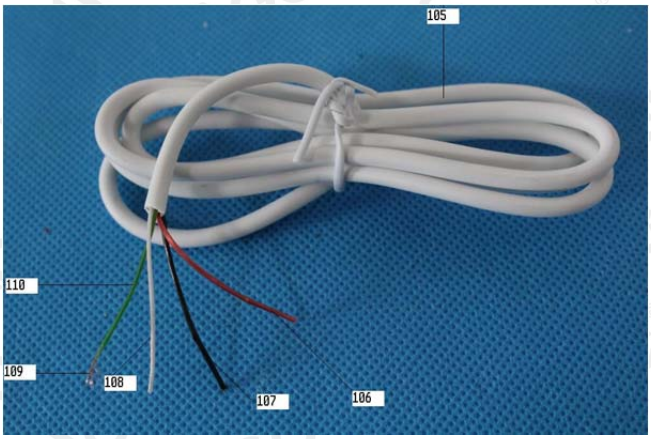

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AGC authenticate the photo only on original report

*** End of Report ***

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