

# Test Report

Report No.: AGC00552190302-001

Date: Mar.25, 2019

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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  
Model : QUEST LITE  
Brand : CUBOT  
Manufacturers : Shenzhen Huafurui Technology Co., Ltd.  
Unit 1401 &1402, 14/F, Jin qi zhi gu mansion (No. 4 building of Chong wen Garden),  
Address : 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: Mar.13, 2019  
Testing Period: Mar.13, 2019 to Mar.25, 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: Lewis

Liulinwen, Lewis  
Technical Director



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## Test Requested:

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.
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.
3. As specified by client, to determine the DBP, BBP, DEHP, DIBP content in the submitted sample in accordance with Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863.

## Conclusion

Pass

Pass

Pass

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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

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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
			48	
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**

48	Electric core(Battery)
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**2. 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

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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)	BL	BL	BL	BL	BL
2	Black plastic frame(Partition)	BL	BL	BL	BL	BL
3	Copper nut(Partition)	BL	OL*	BL	BL	-
4	Metal clapboard(Partition)	BL	BL	BL	BL	-
5	Display glass(Display)	BL	BL	BL	BL	BL
6	Metal plate(Display)	BL	BL	BL	X*	-
7	White plastic box(Display)	BL	BL	BL	BL	BL
8	Upper intensify(Display)	BL	BL	BL	BL	BL
9	Lower diffusion(Display)	BL	BL	BL	BL	BL
10	Silver screw	BL	BL	BL	BL	-
11	Black screw	BL	BL	BL	X*	-
12	Black plastic frame(Receiver)	BL	BL	BL	BL	BL
13	Metal shell(Receiver)	BL	BL	BL	X*	-
14	Metal contact piece(Receiver)	BL	BL	BL	X*	-
15	Black plastic frame(Speaker)	BL	BL	BL	BL	BL
16	Metal shell(Speaker)	BL	BL	BL	X*	-
17	Metal contact piece(Speaker)	BL	BL	BL	X*	-
18	black plastic back cover(Back cover)	BL	BL	BL	BL	BL
19	Black lenses(Back cover)	BL	BL	BL	BL	BL
20	Transparent lamp shade(Back cover)	BL	BL	BL	BL	BL
21	Fingerprint touch button(Back cover)	BL	BL	BL	BL	BL
22	Microrubber Plug(Back cover)	BL	BL	BL	BL	BL
23	Copper terminal(Terminal connection)	BL	BL	BL	BL	-
24	Black wire jacket(Terminal connection)	BL	BL	BL	BL	BL

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Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
25	Red wire jacket(Motor)	BL	BL	BL	BL	BL
26	Blue wire jacket(Motor)	BL	BL	BL	BL	BL
27	Metal shell(Motor)	BL	BL	BL	BL	-
28	TYPE-C metal connector(Adapter plate)	BL	BL	BL	X*	-
29	PCB board(Adapter plate)	BL	BL	BL	BL	X*
30	Tin solder(Adapter plate)	BL	BL	BL	BL	-
31	Black plastic slot(Adapter plate)	BL	BL	BL	BL	BL
32	FPC	BL	BL	BL	BL	BL
33	FPC	BL	BL	BL	BL	BL
34	Induction lamp	BL	BL	BL	BL	BL
35	Silver metal shell(Adapter plate)	BL	BL	BL	BL	-
36	Black plastic seat(Adapter plate)	BL	BL	BL	BL	BL
37	Transparent lens(Adapter plate)	BL	BL	BL	BL	BL
38	FPC(Adapter plate)	BL	BL	BL	BL	BL
39	Magnetic shielding cover	BL	BL	BL	X*	-
40	Conductive cotton	BL	BL	BL	BL	BL
41	Chip IC	BL	BL	BL	BL	BL
42	Silver metal cover(Cassette)	BL	BL	BL	X*	-
43	Black plastic seat(Cassette)	BL	BL	BL	BL	BL
44	Tin solder	BL	BL	BL	BL	-
45	Blue PCB board	BL	BL	BL	BL	BL
46	Chip inductor	BL	BL	BL	X*	BL
47	Blue silica sheet	BL	BL	BL	BL	BL
49	Brown tape(Battery)	BL	BL	BL	BL	BL
50	FPC(Battery)	BL	BL	BL	BL	BL
51	Chip IC(Battery)	BL	BL	BL	BL	BL

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Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
52	White plastic shell(Adapter)	BL	BL	BL	BL	X*
53	Metal plug(Adapter)	BL	BL	BL	BL	-
54	White glue	BL	BL	BL	BL	BL
55	Metal contact piece	BL	BL	BL	BL	-
56	Black heat shrinkable casing	BL	BL	BL	BL	BL
57	Color ring resistance	BL	BL	BL	BL	BL
58	Brown sleeve(Electrolytic capacitor)	BL	BL	BL	BL	BL
59	Aluminum shell(Electrolytic capacitor)	BL	BL	BL	BL	-
60	Chromatic ring inductor	BL	BL	BL	BL	BL
61	Ceramic capacitance	BL	BL	BL	BL	BL
62	USB metal joint(USB connector)	BL	BL	BL	BL	-
63	White plastic contact(USB connector)	BL	BL	BL	BL	X*
64	Black plastic skeleton(Transformer)	BL	BL	BL	BL	BL
65	Blue tape(Transformer)	BL	BL	BL	BL	BL
66	Three layer insulation line(Transformer)	BL	BL	BL	BL	BL
67	Black insulating film	BL	BL	BL	BL	BL
68	Tin solder	BL	BL	BL	BL	-
69	PCB board	BL	BL	BL	BL	X*
70	Chip IC	BL	BL	BL	BL	BL
71	Chip resistor	BL	BL	BL	BL	BL
72	Chip capacitor	BL	BL	BL	BL	BL
73	White handle(USB connector)	BL	BL	BL	BL	BL
74	Milk white inner glue(USB connector)	BL	BL	BL	BL	BL
75	Tin solder(USB connector)	BL	BL	BL	BL	-
76	White plastic plug(USB connector)	BL	BL	BL	BL	BL
77	USB metal plug(USB connector)	BL	BL	BL	BL	-

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Seq. No.	Tested Part(s)	Results(mg/kg)				
		Cd	Pb	Hg	Cr	Br
78	White outer wire jacket(Wire rod)	BL	BL	BL	BL	BL
79	Black wire jacket(Wire rod)	BL	BL	BL	BL	BL
80	Red wire jacket(Wire rod)	BL	BL	BL	BL	BL
81	White wire jacket(Wire rod)	BL	BL	BL	BL	BL
82	Green wire jacket(Wire rod)	BL	BL	BL	BL	BL
83	Type-c metal plug	BL	BL	BL	X*	-

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.

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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)
		3
Lead(Pb)	mg/kg	32437*

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

MDL = Method Detection Limit

\*=As claimed by the material declaration submitted by the client, the materials of the sample No.3 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<sup>6+</sup>

Test Item(s)	Unit	Result(s)	Limit
		46	
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	N.D.	1000

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

MDL = Method Detection Limit

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

Test Item(s)	MDL	Result(s)					Limit
		6	11	13	14	16	
Hexavalent Chromium (Cr <sup>6+</sup> )	See note	Negative	Negative	Negative	Negative	Negative	#

Test Item(s)	MDL	Result(s)					Limit
		17	28	39	42	83	
Hexavalent Chromium (Cr <sup>6+</sup> )	See note	Negative	Negative	Negative	Negative	Negative	#

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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.

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4) The Test Results of PBBs & PBDEs

Unit: mg/kg

Item(s)	MDL	Result(s)				Limit
		29	52	63	69	
<b>Polybrominated Biphenyls (PBBs)</b>						
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.	
<b>Polybrominated Diphenylethers (PBDEs)</b>						
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.	
<b>Conclusion</b>	/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

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	5	7	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			8	9	12	15	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			18	19	20	21	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			22	24	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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			29	31	32	33	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			34	36	37	38	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			40	41	43	45	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			46	47	49	50	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			51	52	54	56	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			57	58	60	61	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			63	64	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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			67	69	70	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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

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Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			72	73	74	76	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)				Limit
			78	79	80	81	
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
<b>Conclusion</b>		/	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	<b>Pass</b>	/

Unit: mg/kg

Test Item(s)	Test Method/ Equipment	MDL	Result(s)	Limit
			82	
Di-(2-ethylhexyl) Phthalate (DEHP)	Refer to IEC 62321-8:2017 GC-MS	50	N.D.	1000
Dibutyl phthalate (DBP)		50	N.D.	1000
Butylbenzyl phthalate (BBP)		50	N.D.	1000
Di-iso-butyl phthalate (DIBP)		50	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)

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# Test Report

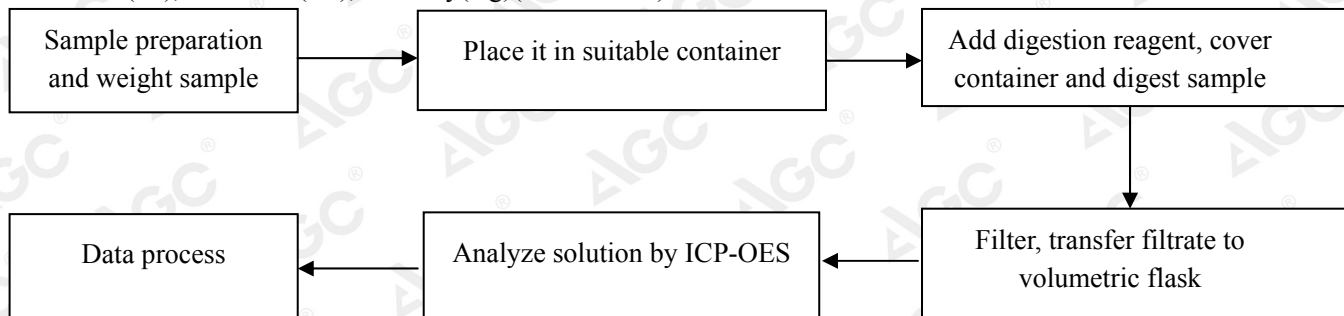
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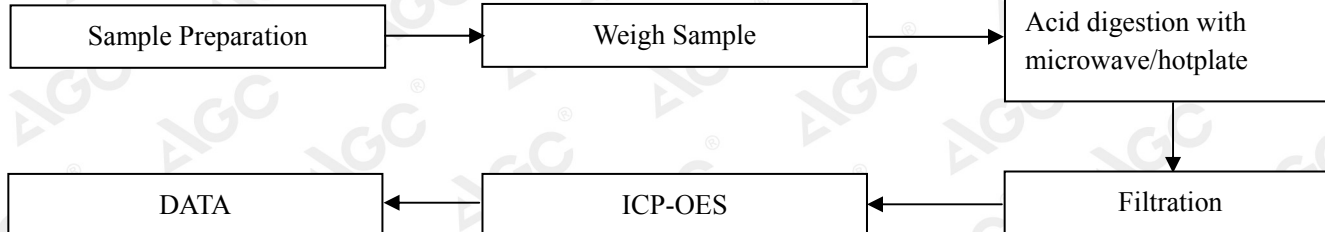
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## Test Flow Chart

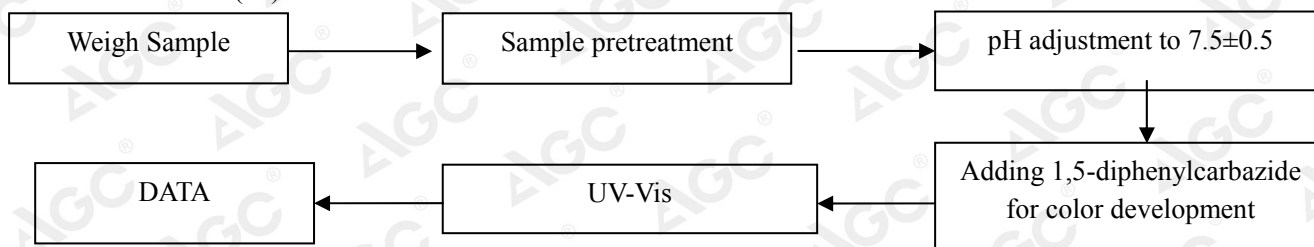
1.For Lead(Pb), Cadmium(Cd), Mercury(Hg)(2006/66/EC)



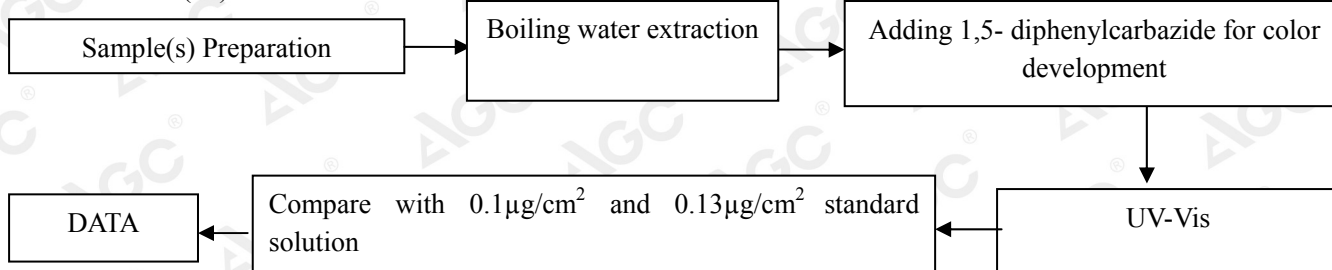
2.For Pb



3.For non-metal Cr(VI)



4.For metal Cr(VI)



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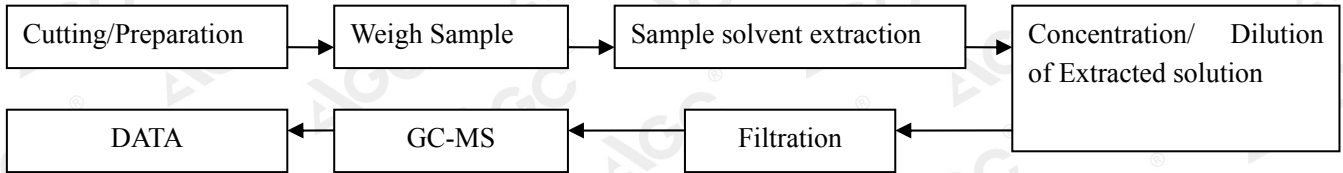
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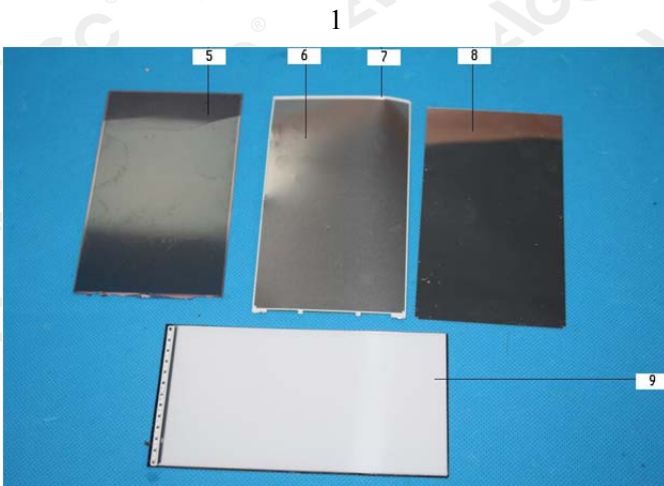
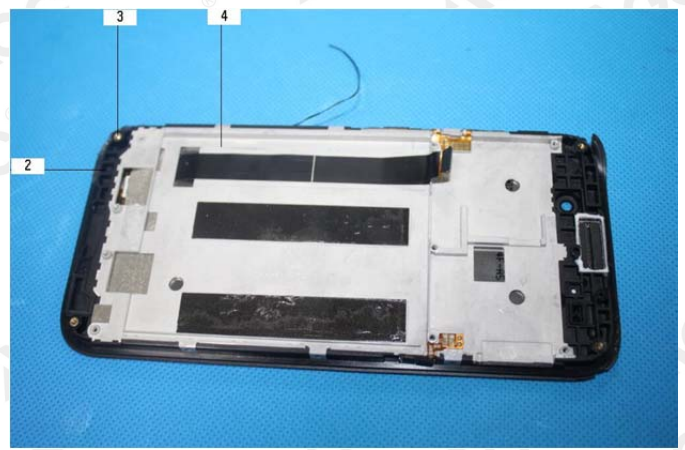
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5. For PBBs, PBDEs, DBP, BBP, DEHP, DIBP



The photo of the sample



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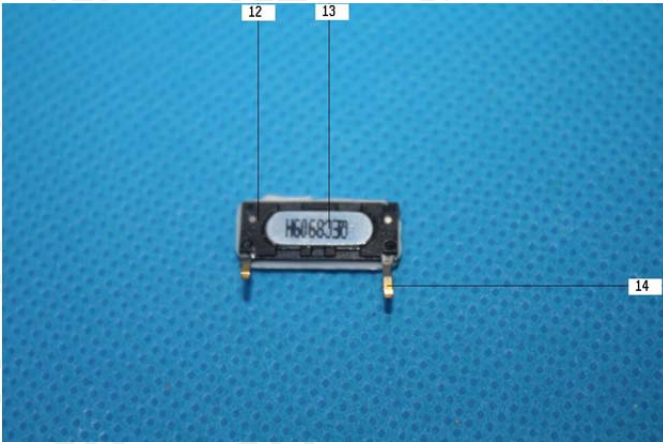
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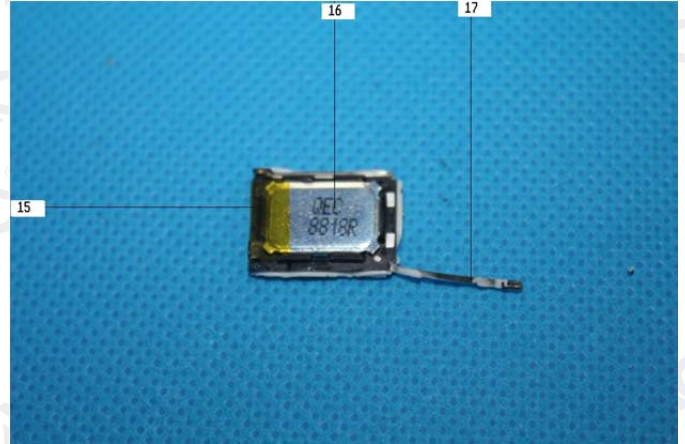
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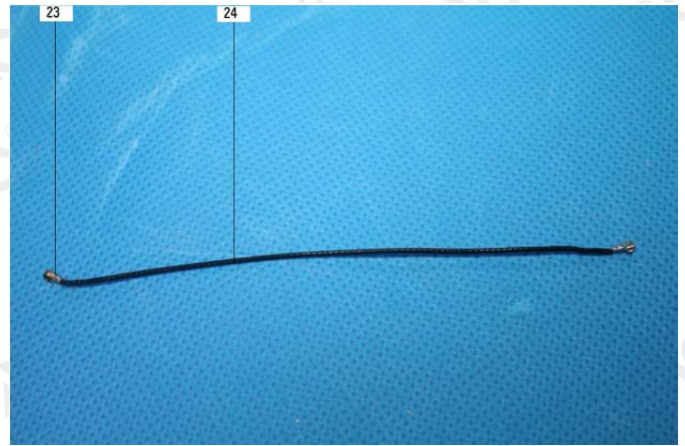
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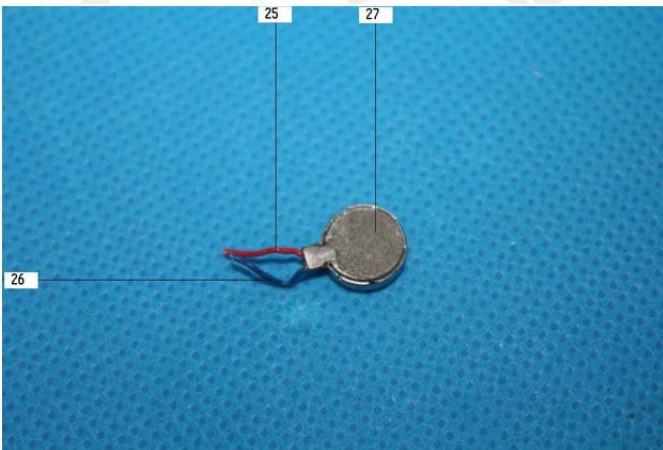
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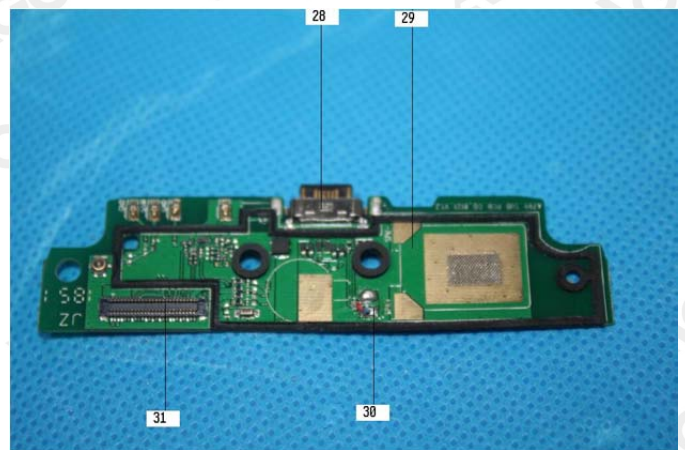
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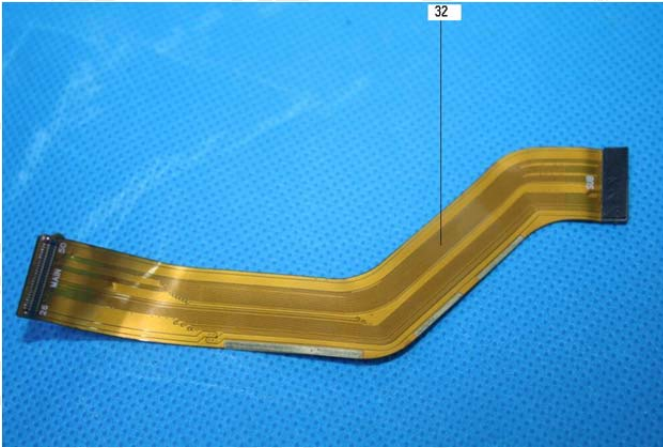
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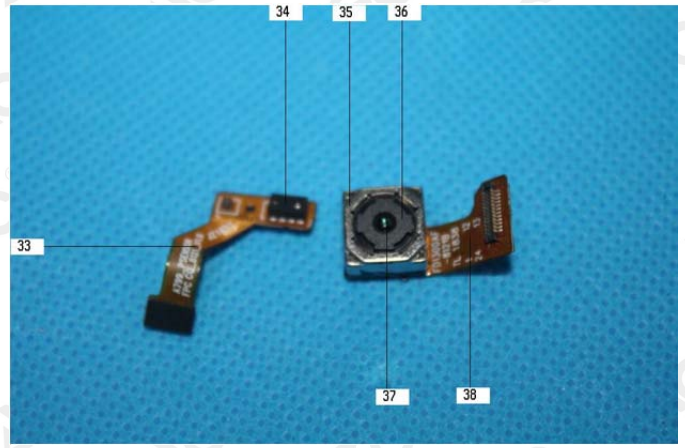
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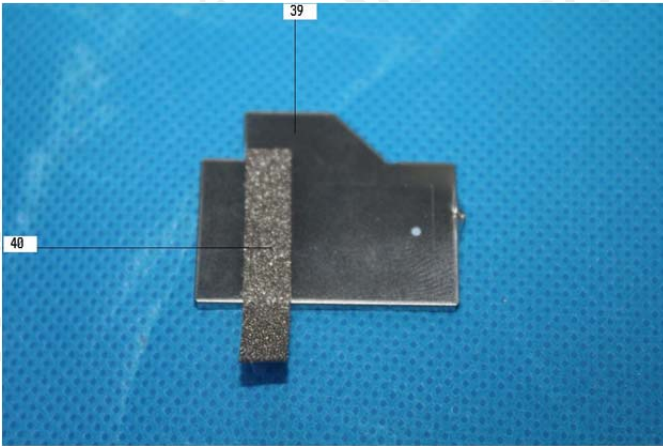
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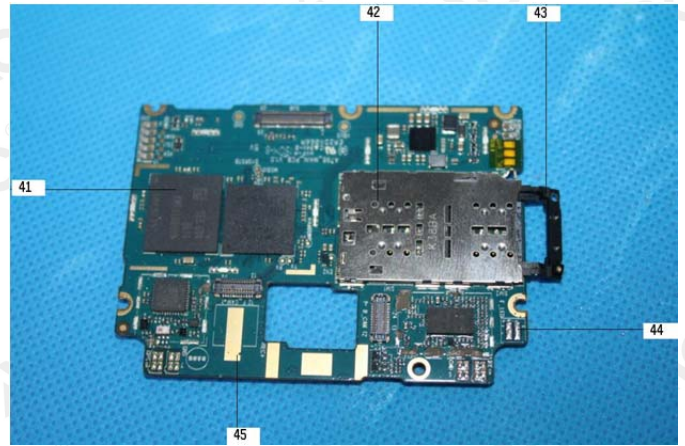
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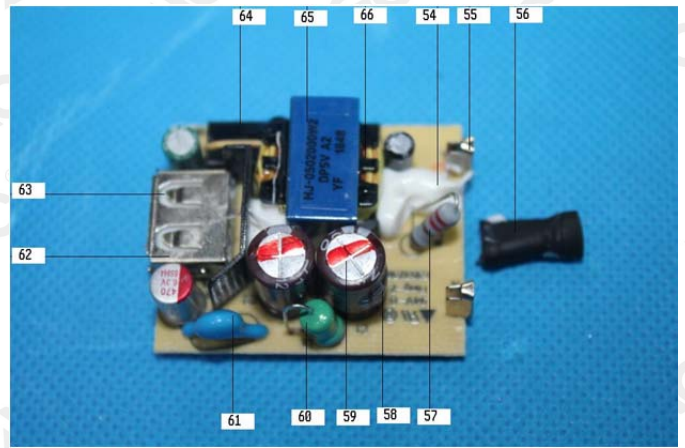
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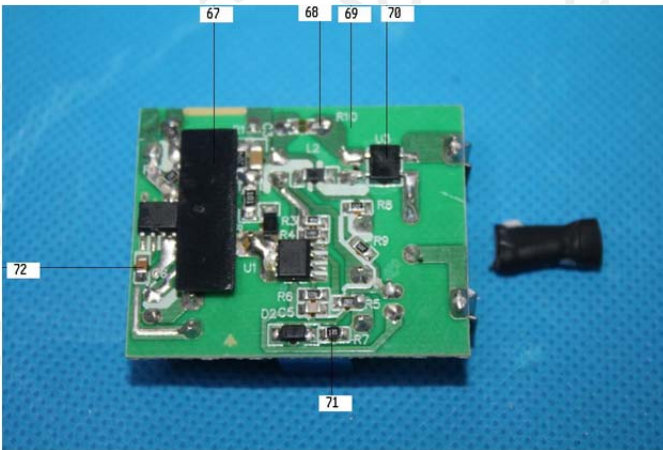
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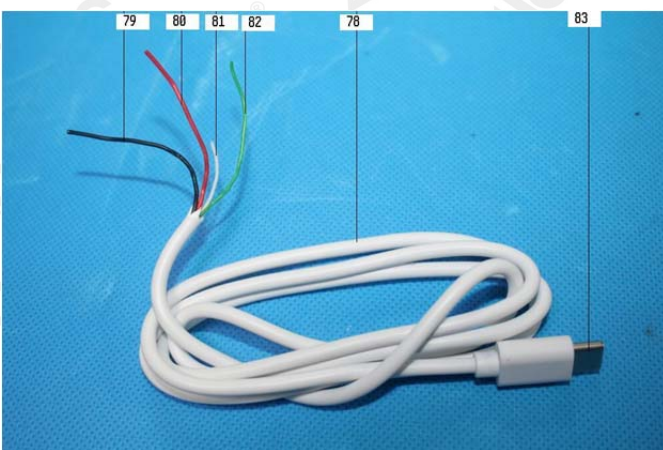
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