

### Report No.: AGC-00552-19-08-03-001

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Date: Sep.30, 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
Test site:	1,6/F.,Building 2,No. 1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan
	District, Shenzhen, Guangdong, China

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

Sample Name:	Smart Phone
Model:	P30 0
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
Sample Received Date:	Sep.20, 2019
Testing Period:	Sep.20, 2019 to Sep.30, 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).





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Conclusion

Pass

#### **Test Requested:**

As specified by client, to determine the Pb, Cd, Hg, Cr<sup>6+</sup>, PBBs, PBDEs, DBP, BBP, DEHP, DIBP content in the submitted sample in accordance with Directive 2011/65/EU (RoHS) and its amendment directive (EU) 2015/863 on XRF and Chemical Method.

#### **Test Methods:**

A:<u>Screening by X-ray Fluorescence Spectrometry (XRF)</u>: With reference to IEC 62321-3-1:2013 Screening – Lead, mercury, cadmium, total chromium and total bromine by X-ray fluorescence spectrometry B:<u>Chemical test:</u>

Test Item	Test Method	Measuring Instrument	MDL
Cadmium (Cd)	IEC 62321-5:2013	ICP-OES	2 mg/kg
Lead (Pb)	IEC 62321-5:2013	ICP-OES	2 mg/kg
Mercury (Hg)	IEC 62321-4: 2013+A1:2017		2 mg/kg
Non-metal Hexavalent Chromium (Cr <sup>6+</sup> )	IEC 62321-7-2:2017	UV-Vis	1 mg/kg
Metal Hexavalent Chromium (Cr <sup>6+</sup> )	IEC 62321-7-1:2015	UV-Vis	
PBBs/PBDEs	IEC 62321-6:2015	GC-MS	5 mg/kg
Di-iso-butyl phthalate (DIBP)		GC-MS	50 mg/kg
Dibutyl phthalate (DBP)		GC-MS	50 mg/kg
Butylbenzyl phthalate (BBP)	- IEC 62321-8:2017	GC-MS	50 mg/kg
Di-(2-ethylhexyl) Phthalate (DEHP)		GC-MS	50 mg/kg

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#### **Test Results:**

#### A、EU RoHS Directive 2011/65/EU and its amendment directives on XRF

Seq.	Tested Part(s)	G	Results(mg/kg)					
No.	Tested Part(s)	Cd	Pb	Hg	Cr	Br		
1 ©	Touch screen(Display)	BL®	BL	BL	BL	BL		
2	Black rubber ring(Display)	BL	BL	BL	BL	BL		
3	Upper intensify(Display)	BL	BL	BL	BL	BL		
4	Under intensify(Display)	BL	BL	BL	BL	BL		
5	Reflector panel(Display)	BL	BL	BL	BL	BL		
6	Lower diffusion(Display)	BL	BL	BL	BL	BL		
7	Light guide plate(Display)	BL	BL	BL	BL	BL		
8	White plastic box(Display)	BL	BL	BL	X*	BL		
9	Silver metal shell(Display)	BL	BL	BL	X*	N/A		
10	FPC(Display)	BL	BL	BL	BL	BL		
11	Black plastic frame	BL	BL	BL	BL	BL		
12	Silver metal plate	BL	X*	BL	BL	N/A		
13	Copper nut	BL	BL	BL	BL	N/A		
14	Black plastic frame	BL	BL	BL	BL	BL		
15	Black FPC	BL	BL	BL	BL	BL		
16	Black coating(Back cover)	BL	BL	BL	BL	BL		
17	Blue plastic back cover(Back cover)	BL <sup>©</sup>	BL	BL	BL	BL		
18	Camera lens(Camera cover)	BL	BL	BL	BL	BL		
19	Silver metal shell(Camera cover)	BL	BL	BL	BL	N/A		
20	FPC(Camera cover)	BL	BL	BL	BL	BL		
21	Metal shrapnel(Switch board)	BL	BL	BL	X*	N/A		
22	Silver metal sheet(Switch board)	BL	BL	BL	X*	N/A		
23	FPC(Switch board)	BL	BL	BL	BL 💿	BL		
24	Black screw	BL	BL	BL	BL	N/A		

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Seq.	Tostad Powt(a)	Results(mg/kg)					
No.	Tested Part(s)	Cd	Pb	Hg	Cr	Br	
25	Silver screw	BL	BL	BL	BL®	N/A	
26	Silver metal frame(speaker)	BL	BL	BL	BL	N/A	
27	Black plastic frame(speaker)	BL	BL	BL	BL	BL	
28	Magnetic shielding cover(speaker)	BL	BL	BL	BL	N/A	
29	Silver magnet(speaker)	BL	BL	BL	BL	N/A	
30	Metal shell(motor)	BL	BL	BL	BL	<sub>©</sub> N/A	
31	Red wire jacket(motor)	BL	BL	BL	BL	BL	
32	Black wire jacket(motor)	BL	BL	BL	X*	BL	
33	Silver metal shell(Camera)	BL	BL	BL	BL	N/A	
34	Black plastic seat(Camera)	BL 💿	BL	BL	BL	BL	
35	Copper foil(Camera)	BL	BL	BL	BL	N/A	
36	Camera lens(Camera)	BL	BL	BL	BL	BL	
37	Black rubber cover	BL	BL	BL	BL	BL	
38	Black fingerprint lock(Fingerprint lock)	BL	BL	BL	BL	BL	
39	Metal sheet(Fingerprint lock)	BL	BL	BL	X*	N/A	
40	Black wire jacket(antenna)	BL	BL	BL	BL	BL	
41	PCB(Little PCB)	BL	BL	BL	BL	X*	
42	Tin solder(Little PCB)	BL	BL	BL	BL	N/A	
43	Chip microphone(Little PCB)	BL	BL	BL	BL	BL	
44	Gray plastic terminal seat(Little PCB)	BL	BL	BL	BL	BL	
45	TYPE-C metal connector(TYPE-C connector) (Little PCB)	BL	BL	BL	X*	N/A	
46	Grey plastic joint(TYPE-C connector) (Little PCB)	BL	BL	BL	BL	BL	
47	Chip IC(Main board)	BL	BL	BL	BL	BL	
48	PCB(Main board)	BL	BL	BL	BL	X*	
49	Tin solder(Main board)	BL	BL	BL	BL	N/A	

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Seq.	Tracked Device	Results(mg/kg)					
No.	Tested Part(s)	Cd	Pb	Hg	Cr	Br	
50	Silver metal shell(Memory card holder) (Main board)	BL	BL	BL	X* <sup>©</sup>	N/A	
51	White plastic seat(Memory card holder) (Main board)	BL	BL	BL	BL	BL	
52	Black metal frame(Memory card holder) (Main board)	BL	BL	BL	BL	N/A	
53	Shielding case(Main board)	BL	BL	BL	BL	N/A	
54	Brown tape(Battery)	BL	BL	BL	BL	BL	
55	PCB(Battery)	BL	BL	BL	BL	<sub>∞</sub> X*	
56	Tin solder(Battery)	BL	BL	BL	BL	N/A	
	Adapter C		8	8			
57	White plastic shell(Shell)	BL	BL	BL	BL	BL	
58	Metal plug(Shell)	BL	BL	BL	BL	N/A	
59	Brown sleeve(Electrolytic capacitor) (Main board)	BL	BL	BL	BL	BL	
60	Green sleeving(Electrolytic capacitor) (Main board)		BL	BL	BL	BL	
61	Black sleeving(Electrolytic capacitor) (Main board)	BL	BL	BL	BL	BL	
62	Blue tape(Transformer) (Main board)	BL	BL	BL	BL	BL	
63	Yellow tape(Transformer) (Main board)	BL	BL	BL	BL	BL	
64	Black plastic skeleton(Transformer) (Main board)	BL	BL	BL	BL	BL	
65	White plastic contact(USB connector) (Main board)	BL	BL	BL	BL	X*	
66	USB Silver Metal Connector(USB connector) (Main board)	BL 💿	BL	BL	BL	N/A	
67	Black plastic sheet(Main board)	BL	BL	BL	BL	X*	
68	Silver touch(Main board)	BL	BL	BL	BL	N/A	
69	Black sleeving(Color ring resistance) (Main board)	BL	BL	BL	BL	BL	
70	PCB(Main board)	BL	BL	BL	BL	X*	
71	Tin solder(Main board)	BL	BL	BL	BL	N/A	
72	Rectifier bridge(Main board)	BL	BL	BL	BL 。	BL	
	USB line			00,	GC		

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Seq.	Track of Develop	8	Results(mg/kg)					
No.	Tested Part(s)	Cd	Pb	Hg	Cr	Br		
73	White handle(USB plug)	BL	BL	BL	BL®	BL		
74	White inner glue(USB plug)	BL	BL	BL	BL	BL		
75	White plastic plug(USB plug)	BL	BL	BL	BL	BL		
76	USB Silver Metal Plug(USB plug)	BL	BL	BL	BL	N/A		
77	Tin solder(USB plug)	BL	BL	BL	BL	N/A		
78	PCB(TYPE-C plug)	BL	BL	BL	BL	₀ X*		
79	Gray plastic plug(TYPE-C plug)	BL	BL	BL	BL	BL		
80	Tin solder(TYPE-C plug)	BL	BL	BL	BL	N/A		
81	White plastic plug(TYPE-C plug)	BL	BL	BL	BL	BL		
82	Type-c metal plug(TYPE-C plug)	BL	BL	BL	X*	N/A		
83	White outer wire jacket(Wire rod)	BL	BL	BL	BL	BL		
84	Red wire jacket(Wire rod)	BL	BL	BL	BL	BL		
85	White wire jacket(Wire rod)	BL	BL	BL	BL	BL		
86	Green wire jacket(Wire rod)	BL	BL	BL	BL	BL		
87	Black wire jacket(Wire rod)	BL	BL	BL	X*	BL		

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Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ <x &lt;130+3σ≤OL</x 	BL≤70-3σ <x &lt;130+3σ≤OL</x 	BL≤50-3σ <x &lt;150+3σ≤OL</x 
Pb	mg/kg	BL≤700-3σ <x &lt;1300+3σ≤OL</x 	BL≤700-3σ <x &lt;1300+3σ≤OL</x 	BL≤500-3σ <x &lt;1500+3σ≤OL</x 
Hg	mg/kg	BL≤700-3σ <x &lt;1300+3σ≤OL</x 	BL≤700-3σ <x &lt;1300+3σ≤OL</x 	BL≤500-3σ <x &lt;1500+3σ≤OL</x 
Cr	mg/kg	BL≤700-3σ <x< td=""><td>BL≤700-3σ<x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<></td></x<>	BL≤700-3σ <x< td=""><td>BL≤500-3σ<x< td=""></x<></td></x<>	BL≤500-3σ <x< td=""></x<>
Br	mg/kg	BL≤300-3σ <x< td=""><td>N/A</td><td>BL≤250-3σ<x< td=""></x<></td></x<>	N/A	BL≤250-3σ <x< td=""></x<>

Note: BL= Below Limit

OL= Over limited

X= Inconclusive

"N/A"= Not applicable

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

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#### Remark:

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- 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.
- 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 and its amendment directive (EU) 2015/863:

RoHS Restricted Substances	Maximum Concentration Value (mg/kg) (by weight in homogenous materials)
Cadmium (Cd)	<b>100</b>
Lead (Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(VI))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominateddiphenylethers (PBDEs)	1000
Di-iso-butyl phthalate (DIBP)	1000
Dibutyl phthalate (DBP)	⊙ 1000 ⊙
Butylbenzyl phthalate (BBP)	I000
Di-(2-ethylhexyl) Phthalate (DEHP)	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**<sub>N</sub> <u>The Test Results of Chemical Method:</u>

1) The Test Results of Pb& Cd

	Unit	Result(s)
Test Item(s)	Omt	
Lead(Pb)	mg/kg	198

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

mg/kg = parts per million

MDL = Method Detection Limit

#### 2) The Test Results of non-metal Cr<sup>6+</sup>

	TT .•4		<b>.</b>		
Test Item(s)	Unit	8	32	87	Limit
Hexavalent Chromium(Cr <sup>6+</sup> )	mg/kg	N.D.	N.D.	N.D.	1000

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

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

	MDI		Res	sult(s)		<b>T</b> ••4
Test Item(s)	MDL	9	21	22	39 💿	- Limit
Hexavalent Chromium (Cr <sup>6+</sup> )	See note	Negative	Negative	Negative	Negative	#
· · · · · ·			Go	®		

Test Item(s)	MDI		Result(s)		T ::4
	MDL	45	<sub>©</sub> 50	82	Limit
Hexavalent Chromium (Cr <sup>6+</sup> )	See note	Negative	Negative	Negative	#

Note:

Negative = Absence of Cr(VI) on the tested areas

MDL = Method Detection Limit

Boiling-water-extraction:

Number		Qualitative regult
Number	Colorimetric result (Cr(VI) concentration)	Qualitative result
	8	The sample is negative for $Cr(VI)$ – The $Cr(VI)$
SO	The sample solution is <the 0,10="" cm<sup="" µg="">2</the>	concentration is below the limit of quantification.
1	equivalent comparison standard solution	The coating is considered a non-Cr(VI) based
®		coating.
-C	The sample solution is $\geq$ the 0,10 µg/cm <sup>2</sup>	The result is considered to be inconclusive –
2	and $\leq$ the0,13 µg/cm <sup>2</sup> equivalent	Unavoidable coating variations may influence
	comparison standard solutions	thedetermination.
8		The sample is positive for $Cr(VI)$ – The $Cr(VI)$
	The sample solution is > the 0,13 $\mu$ g/cm <sup>2</sup>	concentration is above the limit of quantification
3	equivalent comparison standard solution	and the statistical margin of error. The sample
		coating isconsidered 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 areasunavoidable 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

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6						Unit:mg/kg
® Item(s)	MDL	Result(s)				Limit
Itelli(s)	WIDL	o 41	48	55	65	Linit
<b>Polybrominated Biphenyls (PI</b>	BBs)		_			
Monobromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	0
Tribromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	5 20
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	NO
Pentabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	Total PBBs Content <1000
Heptabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	5	N.D.	N.D.	N.D.	N.D.	R
Nonabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	-C
Decabromodiphenyl	5	N.D.	N.D.	N.D.	N.D.	
Total content	1	N.D.	N.D.	N.D.	N.D.	R
PolybrominatedDiphenylether	rs (PBDEs)		•			
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	NO
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	- G
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	© 5	N.D.	N.D.	N.D.	N.D.	Total PBDEs Content <1000
Heptabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	NO C
Nonabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	N.D.	-G
Total content	FC	N.D.	N.D.	N.D.	N.D.	or do
Conclusion		Pass	Pass	Pass	<sup>©</sup> Pass	

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A G	c.C. c				Unit:mg/kg	
Item(s)	MDL Result(s)		Result(s)	8	Limit	
Ttem(s)	MIDL	67 70		78		
Polybrominated Biphenyls (PB)	Bs)					
Monobromobiphenyl	5	N.D.	N.D.	N.D.	NO G	
Dibromobiphenyl	5	N.D.	N.D.	N.D.		
Tribromobiphenyl	5 @	N.D.	N.D.	N.D.	G O	
Tetrabromobiphenyl	5	N.D.	N.D.	N.D.		
Pentabromobiphenyl	5	N.D.	N.D.	N.D.		
Hexabromobiphenyl	5	N.D.	N.D.	N.D.	Total PBBs Content <1000	
Heptabromobiphenyl	5	N.D.	N.D.	N.D.		
Octabromobiphenyl	5	N.D.	N.D.	N.D.		
Nonabromodiphenyl	o 5	N.D.	N.D.	N.D.	8	
Decabromodiphenyl	5	N.D.	N.D.	N.D.	S CC	
Total content		N.D.	N.D.	N.D.		
PolybrominatedDiphenylethers	(PBDEs)					
Monobromodiphenyl ether	5	N.D.	N.D.	N.D.	G o	
Dibromodiphenyl ether	5	N.D.	N.D. 💿	N.D.	NO CO	
Tribromodiphenyl ether	5	N.D.	N.D.	N.D.		
Tetrabromodiphenyl ether	5	N.D.	N.D.	N.D.	8	
Pentabromodiphenyl ether	5	N.D.	N.D.	N.D.		
Hexabromodiphenyl ether	5	N.D.	N.D.	N.D.	Total PBDEs Content <1000	
Heptabromodiphenyl ether	© 5	N.D.	N.D.	N.D.		
Octabromodiphenyl ether	5	N.D.	N.D.	N.D.	C C	
Nonabromodiphenyl ether	5	N.D.	N.D.	• N.D.		
Decabromodiphenyl ether	5	N.D.	N.D.	N.D.	e F	
Total content	1	N.D.	N.D.	N.D.		
Conclusion	R	Pass	Pass ©	Pass		

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

mg/kg = parts per million

MDL = Method Detection Limit

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5)Test result of DBP, BBP, DEHP, DIBP content

Test item Limit	DIBP	DBP 1000	BBP 1000	DEHP 1000	Conclusion
Seq. No.	1000				
	N.D.	N.D.	N.D.	N.D.	Pass
2	N.D.	N.D.	0 N.D.	N.D.	Pass
<sup>©</sup> 3 <sub>©</sub>	N.D.	N.D.	N.D.	N.D.	Pass
4	N.D.	N.D.	N.D.	N.D.	Pass
5	N.D.	N.D.	N.D.	N.D.	Pass
6 ©	N.D.	N.D.	N.D.	N.D.	Pass
7	N.D.	N.D.	N.D.	N.D.	Pass
⊗ 8	N.D.	N.D.	N.D.	N.D.	Pass
10 .	N.D.	N.D.	N.D.	N.D.	Pass
(11	N.D.	N.D.	N.D.	N.D.	Pass
14	N.D.	N.D.	⊙ N.D.	N.D.	Pass
15	N.D.	N.D.	N.D.	N.D.	Pass
16	N.D.	N.D.	N.D.	N.D.	Pass
17	N.D.	N.D.	N.D.	N.D.	Pass
18 0	N.D.	N.D.	N.D.	N.D.	Pass
20	N.D.	N.D.	N.D.	N.D.	Pass
® 23	N.D.	N.D.	N.D.	N.D.	Pass
27	N.D.	N.D.	N.D.	N.D.	Pass
31	N.D.	N.D.	N.D.	N.D.	Pass
32	N.D.	N.D.	N.D.	N.D.	Pass
34	N.D.	N.D.	N.D.	N.D.	Pass
36	N.D.	N.D.	N.D.	N.D.	Pass
37	N.D.	N.D.	N.D.	N.D.	Pass
38	N.D.	N.D.	N.D.	N.D.	Pass
40	N.D.	N.D.	N.D.	N.D.	Pass
41	N.D.	N.D. ©	N.D.	N.D.	Pass

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Test item Limit	DIBP	DBP	BBP	DEHP	Conclusion
Seq. No.	1000	1000	1000	1000	
· 43	N.D.	N.D.	N.D.	N.D.	Pass
44	N.D.	N.D.	N.D.	N.D.	Pass
46	N.D.	N.D.	N.D.	N.D.	Pass
47	N.D.	N.D.	N.D.	N.D.	Pass
48	N.D.	N.D.	N.D.	N.D.	Pass
51	N.D.	N.D.	N.D.	N.D.	Pass
© 54	N.D.	N.D.	N.D.	N.D.	Pass
55	• N.D.	N.D.	N.D.	N.D.	Pass
57	N.D.	N.D.	N.D.	N.D.	Pass
59	N.D.	N.D.	N.D.	N.D.	Pass
60	N.D.	N.D.	N.D.	N.D.	Pass
61	N.D.	N.D.	N.D.	N.D.	Pass
62	N.D.	N.D.	N.D.	N.D.	Pass
63	N.D.	N.D.	N.D.	N.D.	Pass
64	N.D.	N.D.	N.D.	N.D.	Pass
65	N.D.	N.D.	N.D.	N.D.	Pass
67	N.D.	N.D.	N.D.	N.D.	Pass
69	N.D.	N.D.	N.D.	N.D.	Pass
70	N.D.	N.D.	N.D.	N.D.	Pass
72	N.D.	N.D.	N.D.	N.D.	Pass
73	N.D.	N.D.	N.D.	N.D.	Pass
74	N.D.	N.D.	N.D.	N.D.	Pass
75 0	N.D.	N.D.	N.D.	N.D. 🛛	Pass
78	N.D.	• N.D.	N.D.	N.D.	Pass
<sub>®</sub> 79	N.D.	N.D.	N.D. 🛞	N.D.	Pass
81	N.D.	N.D.	N.D.	N.D.	Pass
83	N.D.	N.D.	N.D.	N.D.	Pass
. 84	N.D.	N.D.	N.D.	N.D.	Pass

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Test item Limit	DIBP	DBP	BBP	DEHP	Conclusion	
Seq. No.	1000	1000	1000	1000	C, C	
85	N.D.	N.D.	N.D.	N.D.	Pass	
86	N.D.	N.D.	N.D.	N.D.	Pass	
87	N.D.	N.D.	N.D.	N.D.	Pass	

#### 1. MDL=Method Detection Limit Note:

2. N.D.=Not Detected(less than method detection limit)

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Report No.: AGC-00552-19-08-03-001 Date: Sep.30, 2019 Page16 of 22 **Test Flow Chart** 1.For Pb Acid digestion with Weigh Sample Sample Preparation microwave/hotplate Filtration DATA **ICP-OES** 2.For non-metal Cr(VI) pH adjustment to 7.5±0.5 Weigh Sample Sample pretreatment Adding 1,5-diphenylcarbazide DATA UV-Vis for color development 3.For metal Cr(VI) Adding 1,5- diphenylcarbazide for color Boiling water extraction Sample(s) Preparation development Compare with  $0.1 \mu g/cm^2$  and  $0.13 \mu g/cm^2$  standard UV-Vis DATA solution 4.For PBBs, PBDEs, DBP, BBP, DEHP, DIBP Cutting/Preparation Weigh Sample Sample solvent extraction Concentration/ Dilution of Extracted solution DATA GC-MS Filtration

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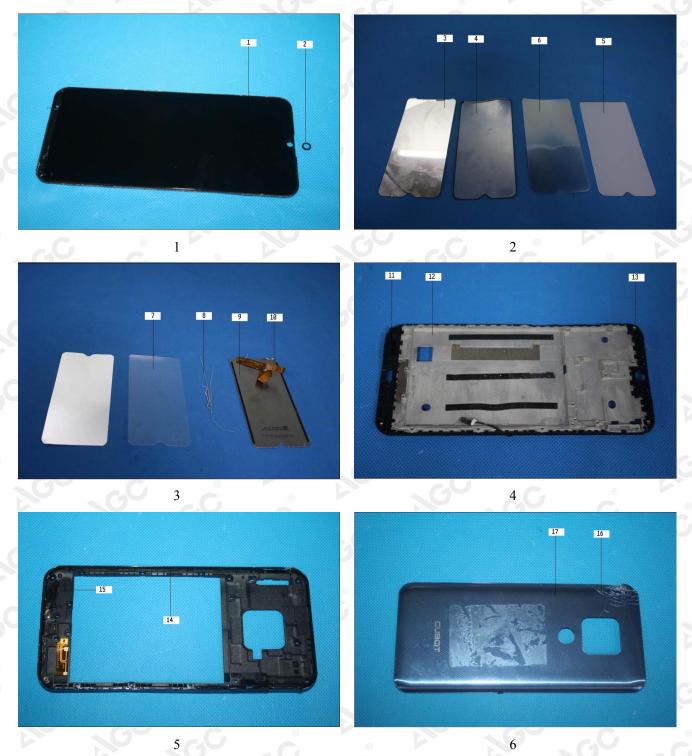


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### The photo of the sample



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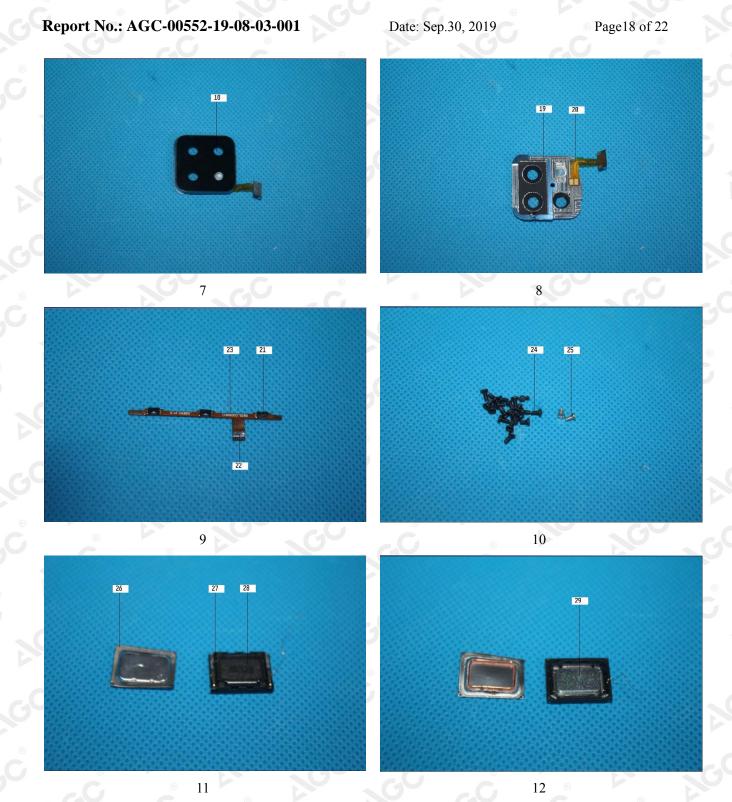
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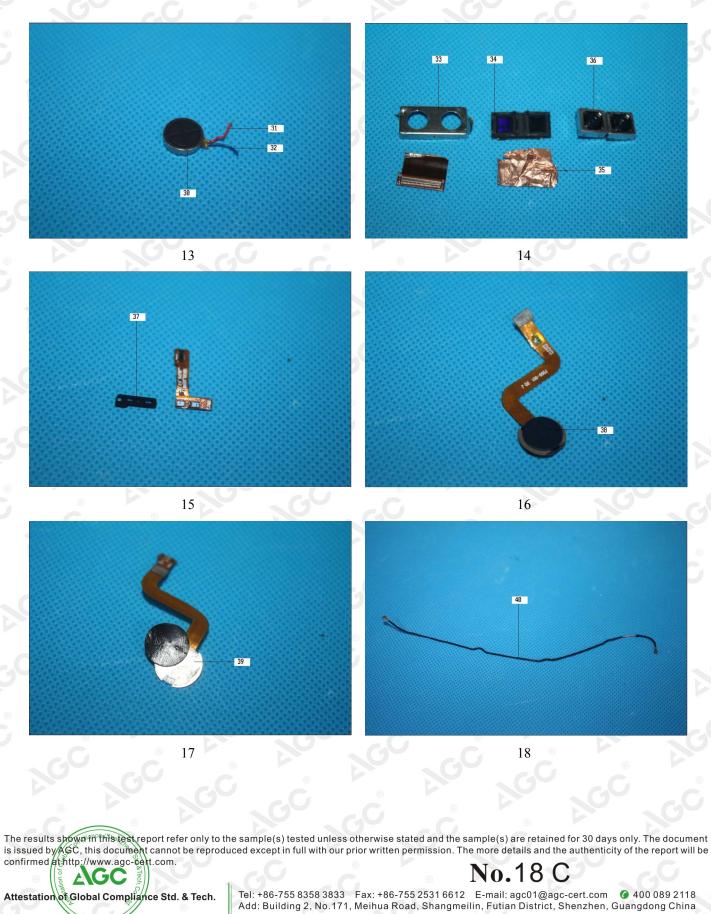
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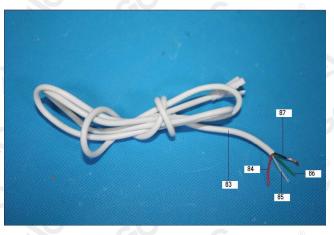
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0 2 0 30 40 20 40 20 40 20 30 40 20 30 40 20 90 20 40 30 30 30 40 20 30 40 20 90 300 10 50



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AGC authenticate the photo only on original report \*\*\* End of Report \*\*\*

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