

# 测试报告(Test Report)

报告编号(Report No.): AGC00925200604-003

日期(Date): 2020/07/15

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申请单位: 深圳绿米联创科技有限公司  
Applicant: Lumi United Technology Co., Ltd  
单位地址: 深圳市南山区桃源街道留仙大道塘岭路 1 号金骐智谷大厦 8 楼  
Address: 8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen.China  
测试地址: 深圳市宝安区航城街道三围社区三围茶西工业区 2 栋 6 层  
Test site: 6/F., Building 2, Sanwei Chaxi Industrial Park, Sanwei Community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China

## 样品信息(Report on the submitted sample(s) said to be):

样品名称(Sample Name): 网关 M1S / Hub M1S  
型号(Model): HM1S-G01  
商标(Brand): Aqara  
制造商(Manufacturer): 深圳绿米联创科技有限公司 Lumi United Technology Co., Ltd  
地址(Address): 深圳市南山区桃源街道留仙大道塘岭路 1 号金骐智谷大厦 8 楼  
8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave, Taoyuan Residential District, Nanshan District, Shenzhen.China  
收样日期(Sample Received Date): 2020/07/02  
测试周期(Testing Period): 2020/07/02 - 2020/07/15

  
Approved by:   
签发: 梁丹(Jessie.Liang)  
技术总监(Technical Director)



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## 测试要求

### Test Requested:

根据客户要求, 依据欧盟议会和欧盟理事会第2011/65/EU(RoHS)号指令及修正案(EU) 2015/863的要求, 通过XRF扫描和化学方法对送检样品中的铅、镉、汞、六价铬、多溴联苯、多溴二苯醚、DBP、BBP、DEHP、DIBP的含量进行测定。

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.

## 结论

### Conclusion

合格

Pass

序号 No.	样品描述 Sample Description		
1	插头 Plug	金属插头	Metal plug
2		插头白色塑料	Plug white plastic
3		白色塑料壳	White plastic shell
4		灰色丝印	Grey screen printing
5	插头底座 Plug base	白色塑料壳	White plastic shell
6		标签	Label
7		乳白色塑料圈	Milky white plastic ring
8	外壳 Shell	白色塑料盖	White plastic lid
9		白色塑料按键	White plastic button
10	白色塑料内壳		White inner plastic shell
11	银色螺丝		Silver screw
12	白色塑料扣		White plastic buckle
13	白色硅胶塞		White silicone plug
14	天线 Antenna	黑色 FPC	Black FPC
15		焊锡	Tin solder
16		铜端子	Copper terminal
17		黑色内胶	Black inner glue
18		灰色线皮	Gray wire jacket
19		金属编织线	Metal braided wire
20		透明内线皮	Transparent inner wire jacket
21		喇叭 Horn	白色塑料端子
22	黑色线皮		Black wire jacket
23	红色线皮		Red wire jacket
24	线芯		Wire core
25	黑胶		Black glue
26		焊锡	Tin solder

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27		铆钉		Rivet
28		白色连接片		White connecting piece
29		金属屏蔽罩		Metal shield cover
30		金属架		Metal frame
31		黑色泡棉		Black foam
32		黑色振膜		Black vibrating film
33		黑胶		Black glue
34		黑色压圈		Black press ring
35		漆包线圈		Enameled coil
36		棕色纸圈		Brown paper ring
37		金属连接线		Metal connecting wire
38		弹波		Damper
39		银色磁铁		Silver magnet
40		银色金属片		Silver metal sheet
41	按键开关板 Key switch board	针座 Needle holder	黑色塑料座	Black plastic seat
42			插针	Contact pin
43		扫码贴纸		Code scanning sticker
44		贴片电感		Chip inductor
45		贴片二极管		Chip diode
46		IC	IC 本体	IC body
47			镀锡引脚	Tin plated pin
48		贴片磁架电感		Chip magnet frame inductance
49		贴片 IC		Chip IC
50		白色塑料针座		White plastic micropositioner
51		插针		Contact pin
52		透明 LED		Transparent LED
53		黑色泡棉圈		Black foam ring
54	贴片三极管		Chip triode	
55	贴片晶振		Chip crystal oscillator	
56	贴片 IC		Chip IC	
57	天线 Antenna pedestal	铜圈	Copper ring	
58		白色塑料座	White plastic seat	
59	贴片电阻		Chip resistor	
60	贴片电容		Chip capacitor	
61	黑色 PCB 板		Black PCB board	
62	焊锡		Tin solder	
63	模块电路板	焊锡	Tin solder	

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64		Modular circuit board	黑色 PCB 板	Black PCB board	
65			贴片电容	Chip capacitor	
66			贴片电感	Chip inductor	
67			贴片 IC	Chip IC	
68			贴片电阻	Chip resistor	
69			白色贴纸	White sticker	
70			贴片晶振	Chip crystal oscillator	
71			轻触开关 Tact Switch	黑色塑料按钮	Black plastic button
72				金属架	Metal frame
73				金属弹片	Metal shrapnel
74	黑色塑料座	Black plastic seat			
75	引脚	Pin			
76	电源板 Power supply board	贴片 LED	Chip LED		
77		4R7	贴片电感	Chip inductor	
78		贴片电容	Chip capacitor		
79		贴片电容	Chip capacitor		
80		针座 Needle holder	黑色塑料座	Black plastic seat	
81			插针	Contact pin	
82		U5	IC 本体	IC body	
83			引脚	Pin	
84		U4	IC 本体	IC body	
85			引脚	Pin	
86		U3	IC 本体	IC body	
87			引脚	Pin	
88		贴片二极管	Chip diode		
89		贴片三极管	Chip triode		
90		IC	IC 本体	IC body	
91			引脚	Pin	
92		扫码贴纸	Code scanning sticker		
93		银色金属片	Silver metal sheet		
94		焊锡	Tin solder		
95		黑色 PCB 板	Black PCB board		
96		色环电阻 Color ring resistance	色环电阻本体	Color ring resistance body	
97			引脚	Pin	
98		Y 电容 (capacitance)	Y 电容本体	Y capacitor body	
99			引脚	Pin	
100		陶瓷电容	Ceramic capacitance		

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101	470UF 电解电 容(electrolytic capacitor)	黑色套管	Black sleeving
102		铝壳	Aluminum shell
103		黑色胶塞	Black rubber plug
104		引脚	Pin
105		负极箔	Cathode foil
106		正极箔	Anode foil
107		电解纸	Electrolytic paper
108	4.7UF 电解电 容(electrolytic capacitor)	黑色套管	Black sleeving
109		铝壳	Aluminum shell
110		黑色胶塞	Black rubber plug
111		引脚	Pin
112		负极箔	Cathode foil
113		正极箔	Anode foil
114	电解纸	Electrolytic paper	
115	10UF 电解电容 (electrolytic capacitor)	黑色套管	Black sleeving
116		铝壳	Aluminum shell
117		黑色胶塞	Black rubber plug
118		引脚	Pin
119		负极箔	Cathode foil
120		正极箔	Anode foil
121	电解纸	Electrolytic paper	
122	变压器 Transformer	黄色胶带	Yellow tape
123		磁架	Magnet frame
124		漆包线	Enameled wire
125	黑色塑料骨架	Black plastic skeleton	
126	变压器 Transformer	黄色胶带	Yellow tape
127		磁架	Magnet frame
128		三层绝缘线	Three layer insulation line
129		黑色套管	Black sleeving
130		线芯	Wire core
131		透明套管	Transparent sleeving
132		漆包线	Enameled wire
133	黑色塑料骨架	Black plastic skeleton	

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**测试结果(Test Result):**

(测试方法/仪器/方法检出限及限值: 见附件)

(Test Method/ Instrument/ MDL and Limit: See Appendix)

序号 No.	测试结果 Test result (mg/kg)										结论 Conclusion
	Pb	Cd	Hg	Cr <sup>6+</sup>	PBBs	PBDEs	DIBP	DBP	BBP	DEHP	
1	33817*	N.D.	N.D.	657	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
2	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
3	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
4	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
5	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
6	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
7	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
8	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
9	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
10	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
11	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
12	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
13	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
14	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
15	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
16	N.D.	N.D.	N.D.	259	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
17	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
18	N.D.	N.D.	N.D.	220	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
19	N.D.	N.D.	N.D.	457	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
20	N.D.	N.D.	N.D.	N.D.*	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
21	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
22	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
23	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
24	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
25	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
26	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
27	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
28	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
29	N.D.	N.D.	N.D.	N.D.*	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
30	N.D.	N.D.	N.D.	N.D.*	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
31	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
32	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity

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**No.18 C**

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	Pb	Cd	Hg	Cr <sup>6+</sup>	PBBs	PBDEs	DIBP	DBP	BBP	DEHP	
33	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
34	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
35	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
36	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
37	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
38	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
39	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
40	N.D.	N.D.	N.D.	N.D.*	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
41	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
42	N.D.	N.D.	N.D.	282	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
43	N.D.	N.D.	N.D.	N.D.*	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
44	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
45	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
46	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
47	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
48	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
49	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
50	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
51	322	N.D.	N.D.	310	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
52	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
53	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
54	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
55	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
56	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
57	N.D.	N.D.	N.D.	418	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
58	N.D.	N.D.	N.D.	N.D.*	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
59	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
60	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
61	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
62	N.D.	N.D.	N.D.	508	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
63	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
64	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
65	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
66	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity

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# 测试报告(Test Report)

报告编号(Report No.): AGC00925200604-003

日期(Date): 2020/07/15

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序号 No.	测试结果 Test result (mg/kg)										结论 Conclusion
	Pb	Cd	Hg	Cr <sup>6+</sup>	PBBs	PBDEs	DIBP	DBP	BBP	DEHP	
67	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
68	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
69	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
70	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
71	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
72	N.D.	N.D.	N.D.	206	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
73	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
74	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
75	N.D.	N.D.	N.D.	N.D.*	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
76	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
77	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
78	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
79	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
80	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
81	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
82	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
83	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
84	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
85	N.D.	N.D.	N.D.	253	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
86	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
87	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
88	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
89	N.D.	N.D.	N.D.	580	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
90	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
91	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
92	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
93	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
94	N.D.	N.D.	N.D.	387	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
95	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
96	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
97	424	N.D.	N.D.	368	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
98	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
99	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
100	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity

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序号 No.	测试结果 Test result (mg/kg)										结论 Conclusion
	Pb	Cd	Hg	Cr <sup>6+</sup>	PBBs	PBDEs	DIBP	DBP	BBP	DEHP	
101	N.D.	N.D.	N.D.	642	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
102	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
103	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
104	N.D.	N.D.	N.D.	627	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
105	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
106	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
107	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
108	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
109	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
110	N.D.	N.D.	N.D.	205	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
111	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
112	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
113	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
114	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
115	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
116	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
117	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
118	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
119	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
120	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
121	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
122	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
123	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
124	N.D.	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
125	N.D.	N.D.	N.D.	420	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
126	N.D.	N.D.	N.D.	293	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
127	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
128	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
129	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
130	365	N.D.	N.D.	N.D.	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
131	N.D.	N.D.	N.D.	N.D.*	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity
132	423	N.D.	N.D.	486	N/A	N/A	N/A	N/A	N/A	N/A	符合 Conformity
133	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.*	N.D.*	N.D.*	N.D.*	符合 Conformity

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## 注释 Note:

mg/kg =毫克每千克 (milligram per kilogram)

$\mu\text{g}/\text{cm}^2$  =微克每平方厘米 (microgram per square centimeter)

N.D.= 未检出 (小于方法检出限) (Not Detected (less than method detection limit))

N/A=不适用 (Not applicable)

MDL =方法检出限 Method Detection Limit

## 豁免项目 Exemption

序号 Seq. No	豁免条款 Exemption clause	内容 Content
1	6(c)	铜合金中的铅含量不应该超过 4% Copper alloy containing up to 4% lead by weight

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## 备注 Remark:

- \*表示报告结果采用湿化学法。其他的则由X射线荧光。对于X射线荧光筛选，Cr VI的结果报告为总铬，而多溴联苯和多溴二苯醚报告为总溴。此外，XRF扫描结果可能基于各种因素与实际含量有所不同，包括但不限于样品尺寸、厚度、面积、不均匀性成分，表面平整度。

\*denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different to the actual content based on various factors including, but not limit to, sample size, thickness, area, nonuniformity composition, surface flatness.

- XRF 扫描报告仅供参考，申请者必须自己确认本 XRF 扫描报告所提供的信息能满足/他/她的用途。基于不同的因素，本 XRF 扫描报告显示结果有所不同，包括但不限于样品的尺寸、厚度、面积、表面光滑度、设备参数和基体效应(例如塑胶、橡胶、金属、玻璃、陶瓷等等)。为获得数据资料，要求有相关化学分析设备作进一步湿化学预处理。

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.

- Boiling-water-extraction 沸水提取: (X represents the results of the tested sample / X 为待测样品结果)

Number 序号	Colorimetric result (Cr(VI) concentration) 比色结果(铬(VI)浓度)	Judgement 判定
1	$X < 0.1 \mu\text{g}/\text{cm}^2$	Negative 阴性
2	$0.1 \mu\text{g}/\text{cm}^2 \leq X \leq 0.13 \mu\text{g}/\text{cm}^2$	Uncertainty 不确定
3	$X > 0.13 \mu\text{g}/\text{cm}^2$	Positive 阳性

- # =

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. 阴性表明测试区域内六价铬含量低于定量极限，认定镀层不存在六价铬；

Uncertainty indicates the absence of Cr(VI) on the tested areas unavoidable coating variations may influence the determination. 不确定表明测试区域镀层六价铬的不可避免的变化影响结果判定，导致无法判定结果；

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). 阳性表明测试区域内六价铬含量高于于定量极限，认定镀层含有六价铬；

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. 由于未获知样品的存储条件和生产日期、样品的六价铬测试结果仅代表测试时样品的状态。

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## 附件 Appendix:

测试项目 Test Item	测试方法/仪器 Test Method/ Instrument	方法检测限 MDL	限值 Limit
<b>X 射线荧光光谱法 X-ray Fluorescence Spectrometry (XRF)</b>			
铅 Lead (Pb)	IEC 62321-3-1:2013 / XRF	200mg/kg	≤1000mg/kg
镉 Cadmium (Cd)		50mg/kg	≤100mg/kg
汞 Mercury (Hg)		200mg/kg	≤1000mg/kg
总铬 Total Chromium		200mg/kg	/
总溴 Total Bromine		200mg/kg	/
<b>湿化学法 Wet Chemistry Method</b>			
铅 Lead (Pb)	IEC 62321-5:2013/ ICP-OES	10mg/kg	≤1000mg/kg
镉 Cadmium (Cd)	IEC 62321-5:2013/ ICP-OES	10mg/kg	≤100mg/kg
汞 Mercury (Hg)	IEC 62321-4: 2013+A1:2017/ ICP-OES	10mg/kg	≤1000mg/kg
非金属: 六价铬 (Cr <sup>6+</sup> ) Non-metal Hexavalent Chromium (Cr <sup>6+</sup> )	IEC 62321-7-2:2017/ UV-Vis	8mg/kg	≤1000mg/kg
金属: 六价铬 (Cr <sup>6+</sup> ) Metal Hexavalent Chromium (Cr <sup>6+</sup> )	IEC 62321-7-1:2015/ UV-Vis	0.1µg/cm <sup>2</sup>	/
多溴联苯(PBBs) Polybrominated Biphenyls (PBBs) - 一溴联苯(MonoBB) -Monobromobiphenyl (MonoBB) - 二溴联苯(DiBB) -Dibromobiphenyl (DiBB) - 三溴联苯(TriBB) -Tribromobiphenyl (TriBB) - 四溴联苯(TetraBB) -Tetrabromobiphenyl (TetraBB) - 五溴联苯(PentaBB) -Pentabromobiphenyl (PentaBB) - 六溴联苯(HexaBB) -Hexabromobiphenyl (HexaBB) - 七溴联苯(HeptaBB) -Heptabromobiphenyl (HeptaBB) - 八溴联苯(OctaBB) -Octabromobiphenyl (OctaBB) - 九溴联苯(NonaBB) -Nonabromodiphenyl (NonaBB) - 十溴联苯(DecaBB) -Decabromodiphenyl (DecaBB)	IEC 62321-6:2015/ GC-MS	单项 Single 5mg/kg	总和 Sum ≤1000mg/kg

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测试项目 Test Item	测试方法/仪器 Test Method/ Instrument	方法检测限 MDL	限值 Limit
多溴二苯醚 (PBDEs) Polybrominated Diphenylethers (PBDEs) - 一溴二苯醚(MonoBDE) - Monobromodiphenyl ether (MonoBDE) - 二溴二苯醚(DiBDE) - Dibromodiphenyl ether (DiBDE) - 三溴二苯醚(TriBDE) - Tribromodiphenyl ether (TriBDE) - 四溴二苯醚(TetraBDE) - Tetrabromodiphenyl ether (TetraBDE) - 五溴二苯醚(PentaBDE) - Pentabromodiphenyl ether (PentaBDE) - 六溴二苯醚(HexaBDE) - Hexabromodiphenyl ether (HexaBDE) - 七溴二苯醚(HeptaBDE) - Heptabromodiphenyl ether (HeptaBDE) - 八溴二苯醚(OctaBDE) - Octabromodiphenyl ether (OctaBDE) - 九溴二苯醚(NonaBDE) - Nonabromodiphenyl ether (NonaBDE) - 十溴二苯醚(DecaBDE) - Decabromodiphenyl ether (DecaBDE)	IEC 62321-6:2015/ GC-MS	单项 Single 5mg/kg	总和 Sum ≤1000mg/kg
邻苯二甲酸二异丁酯(DIBP) Di-iso-butyl phthalate (DIBP)	IEC 62321-8:2017/ GC-MS	50mg/kg	≤1000mg/kg
邻苯二甲酸二正丁酯(DBP) Dibutyl phthalate (DBP)		50mg/kg	≤1000mg/kg
邻苯二甲酸丁苄酯(BBP) Butylbenzyl phthalate (BBP)		50mg/kg	≤1000mg/kg
邻苯二甲酸二(2-乙基己基)酯(DEHP) Di-(2-ethylhexyl) Phthalate (DEHP)		50mg/kg	≤1000mg/kg

**注释 Note:**

“≤” = 小于等于 Less than or equal to

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# 测试报告(Test Report)

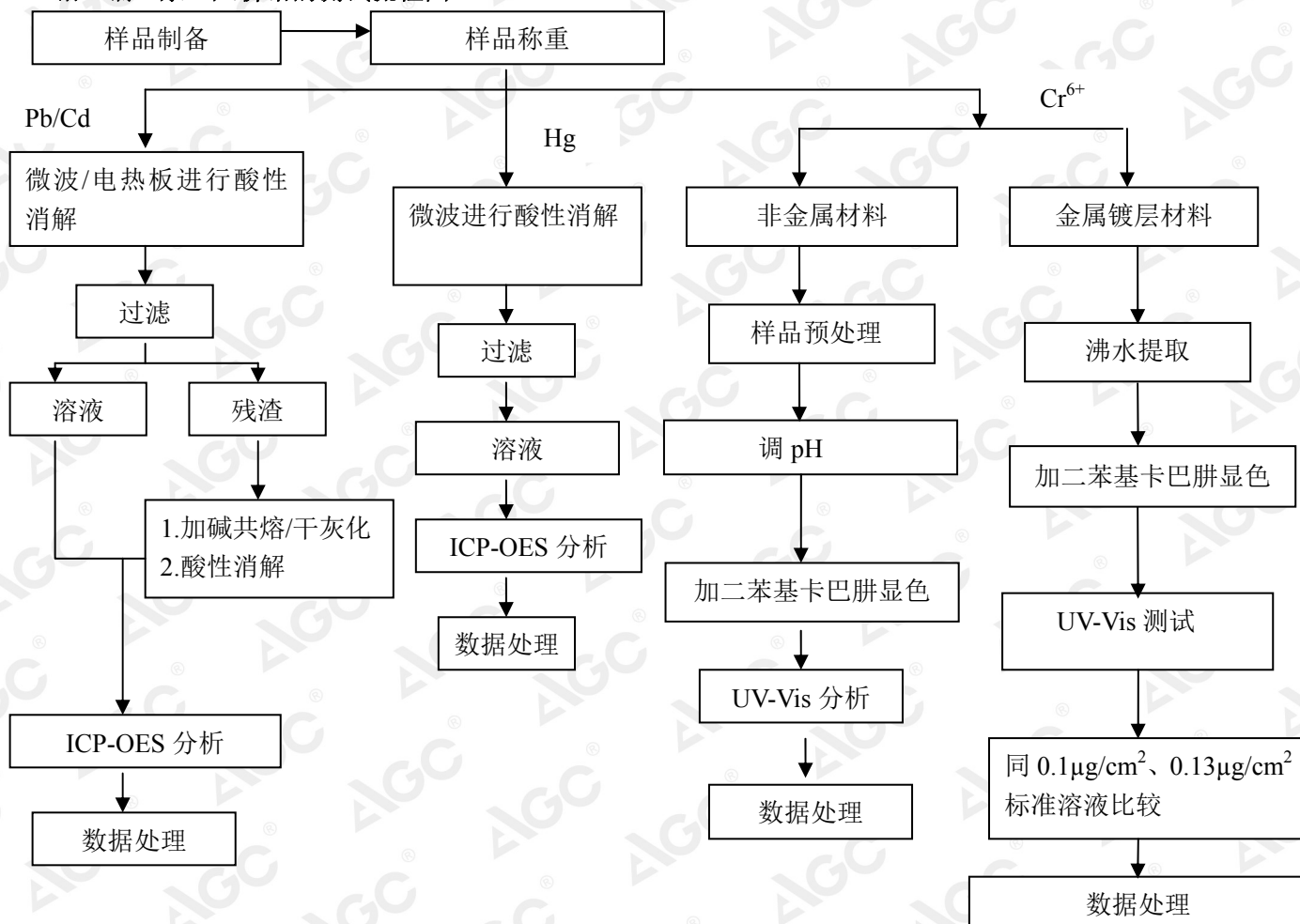
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## 测试流程图 (Test Flow Chart)

### 1. 铅、镉、汞、六价格的测试流程图



根据以上的流程图之条件，样品已经完全溶解（六价格测试方法除外）。

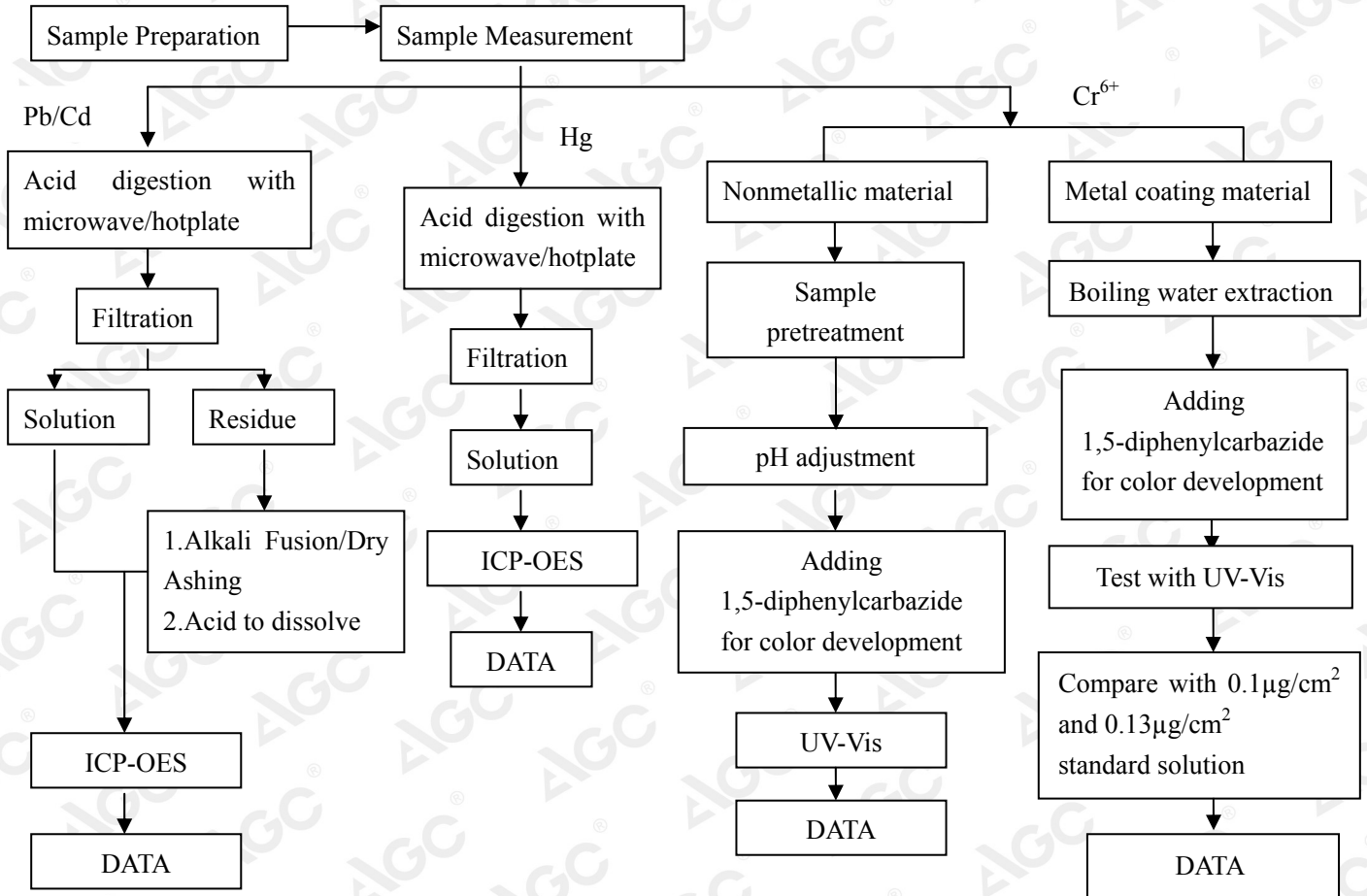
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报告编号(Report No.): AGC00925200604-003

日期(Date): 2020/07/15

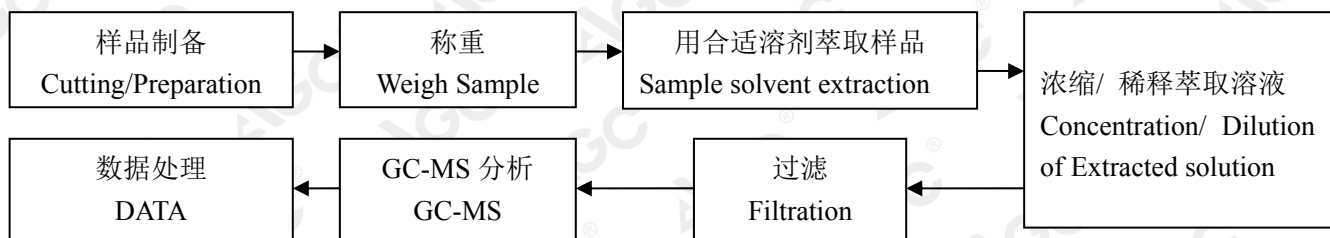
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## 1. For Pb, Cd, Hg, Cr<sup>6+</sup>



These sample were dissolved totally by pre-conditioning method according to above flow chart (Cr<sup>6+</sup> test method excluded)

## 2. PBBs, PBDEs, DBP, BBP, DEHP 和DIBP的测试流程图(The Test Flow Chart of PBBs, PBDEs, DBP, BBP, DEHP and DIBP)



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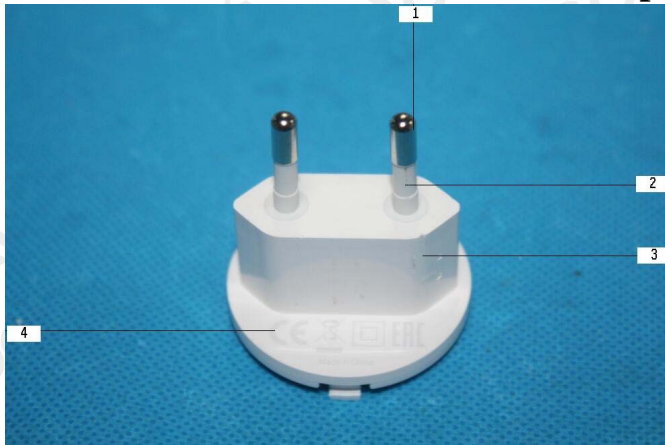
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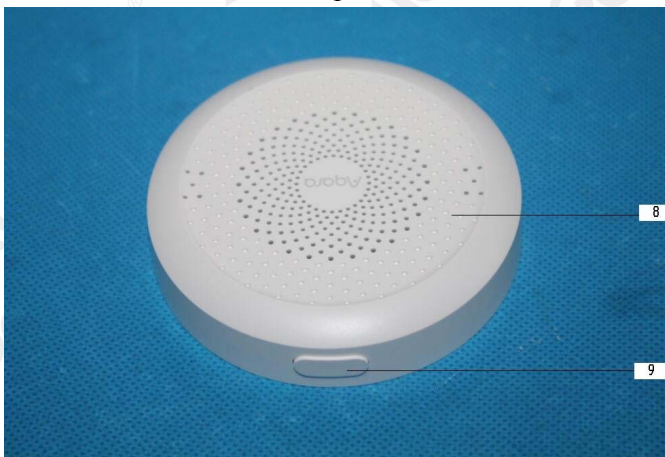
## 样品附图(The photo of the sample)



1



2



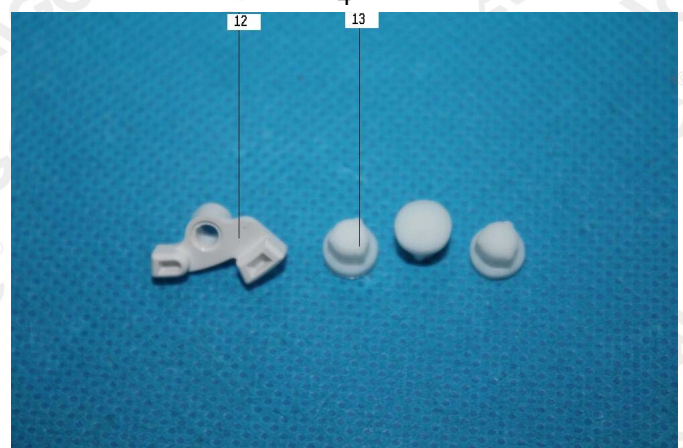
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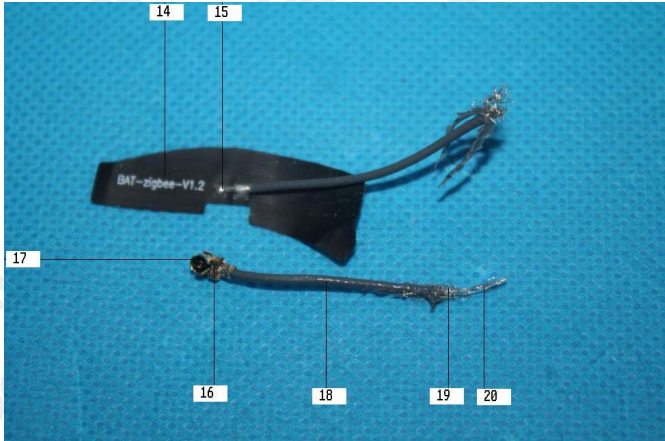


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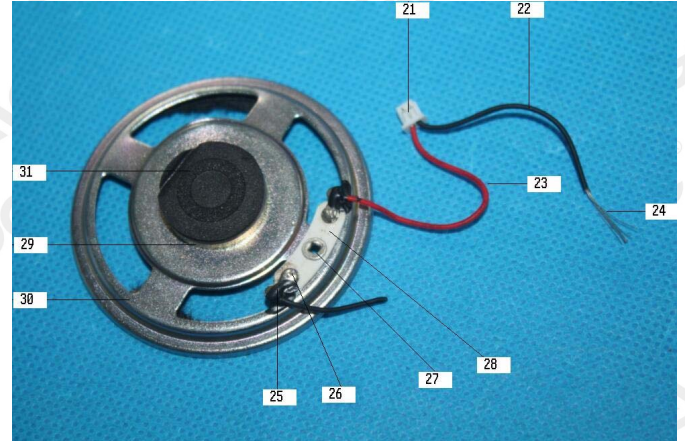
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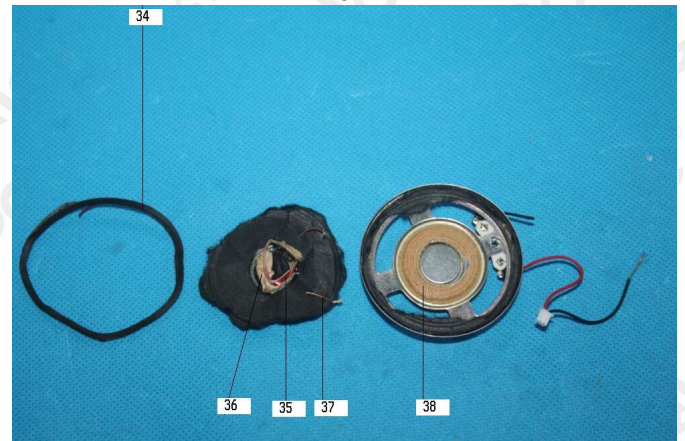
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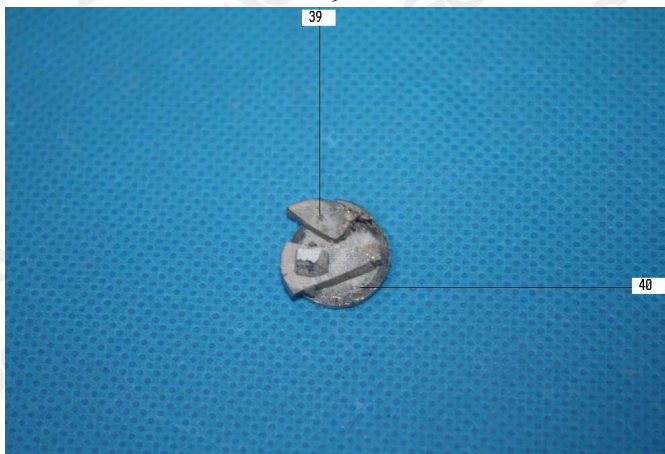
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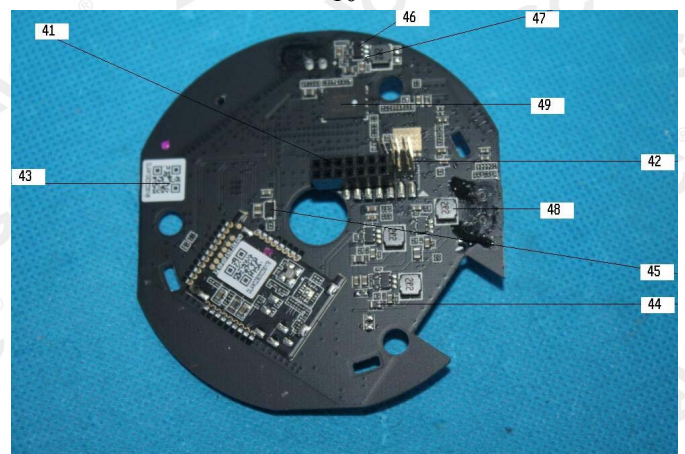
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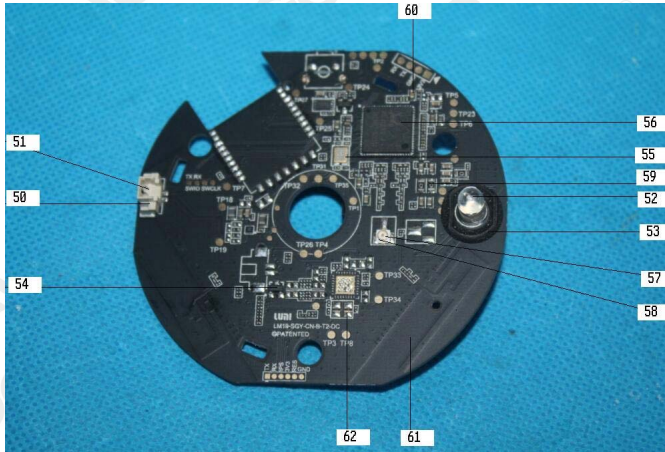


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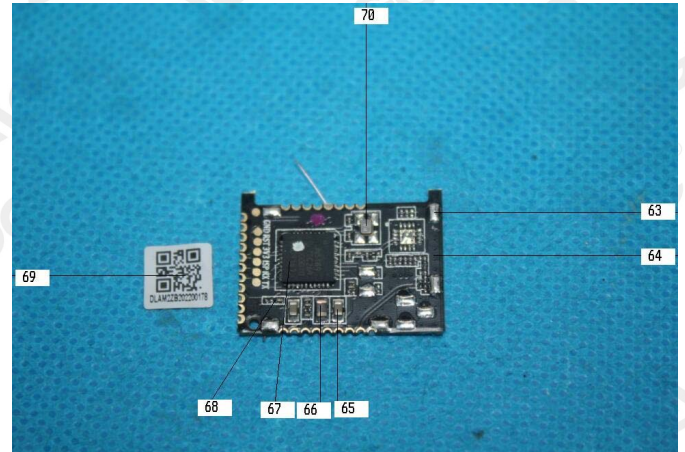
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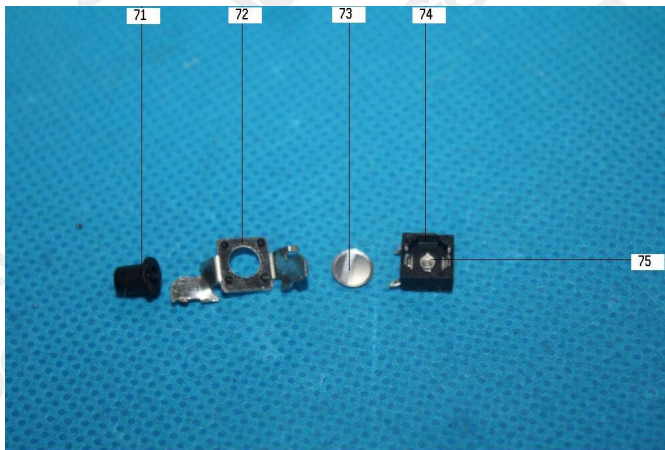
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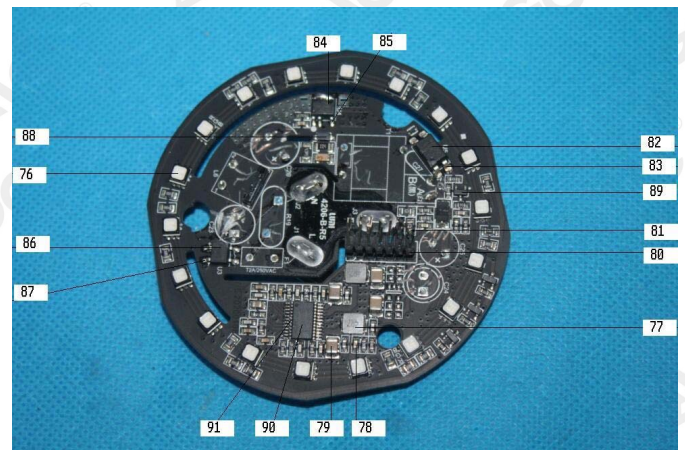
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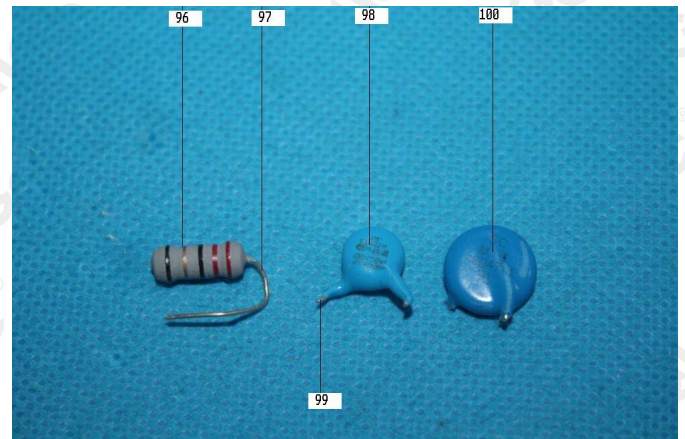
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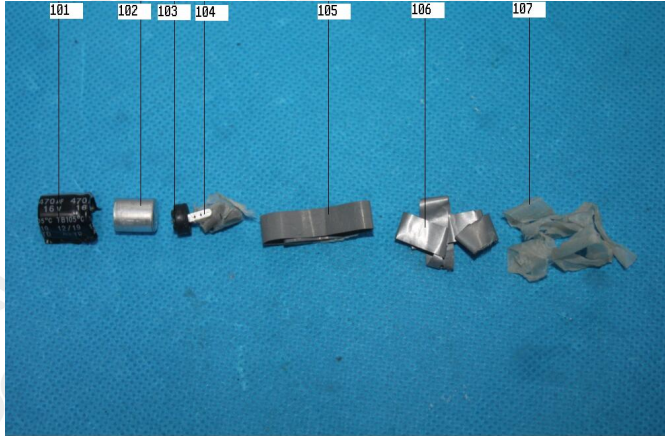
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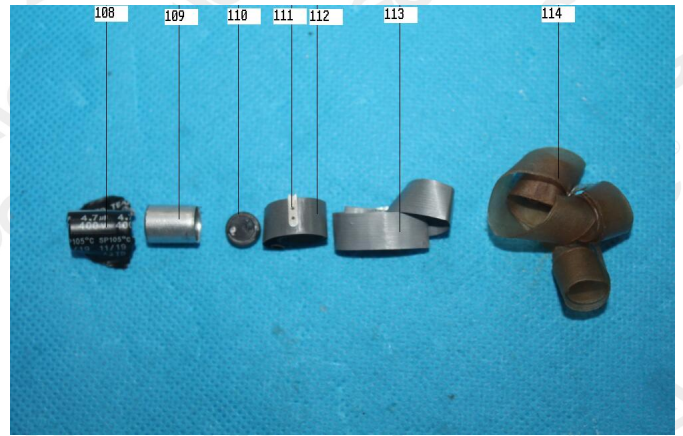
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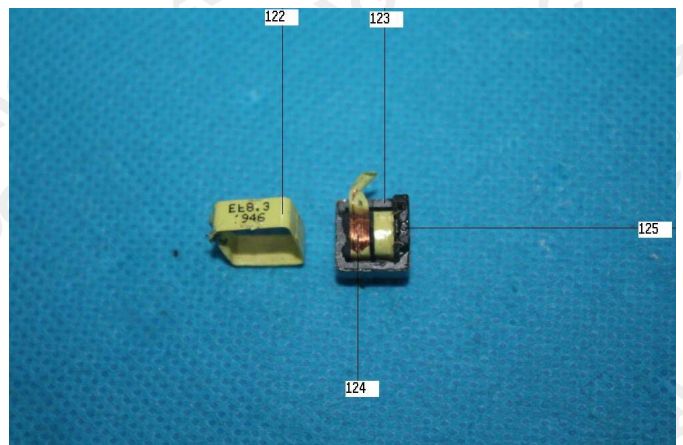
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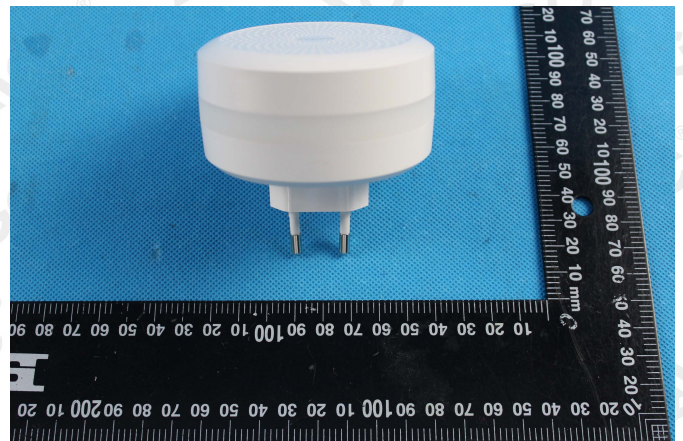
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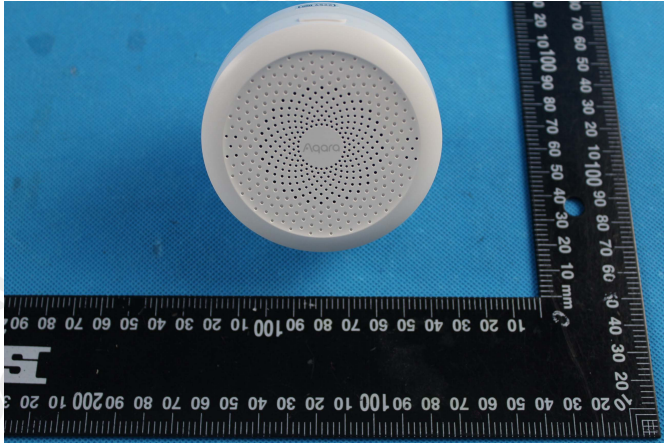
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