

TEST REPORT

Applicant: Shenzhen Huafurui Technology Co., Ltd.
Address: Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample name: Smartphone
Model: KINGKONG X PRO
Trade mark: CUBOT
Manufacturer: Shenzhen Huafurui Technology Co., Ltd.
Address: Unit 601-03, 6/F, Block A, Building 1, Ganfeng Technology Building, No. 993 Jiaxian Road, Xiangjiaotang Community, Bantian Street, Longgang District, Shenzhen, P.R. China

Sample No.: S240801064001
Sample Received Date: 2024-08-05
Testing Period: 2024-08-05~ 2024-09-25

Test Requirement:

As specified by client, to determine the Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers(PBDEs), Bis-(2-ethylhexyl) Phthalate (DEHP), Benzyl butyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP)contents in the submitted sample(s) in accordance with RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Conclusion

Pass

Test Result(s): Please refer to the following page(s);

Test Method: Please refer to the following page(s);

Compiled by: Nina Car Reviewed by: Luetta Mo
Approved by: May Li Date: 2024-09-25

Sample Description:

Report No.	Test No.	Sample name	Description
1	1	Shell	Black soft plastic frame with orange plastic
2	2		Black plastic frame of black soft plastic frame
3	3		Golden metal nut of black soft plastic frame
4	4		Golden metal nail of black soft plastic frame
5	5		Transparent plastic film of NFC
6	6		Black FPC with glue of NFC
7	7		Black foam double-sided tape
8	8		Black plastic mesh with glue
9	9		Transparent plastic sheet with black edge and glue
10	10		Transparent plastic lamp guide body
11	11		Black translucent glass with glue
12	12		Tarnish metal sheet
13	13		Silver gray metal frame
14	14		Black plastic frame of silver gray metal frame
15	15		Cupreous&black tape of silver gray metal frame
16	16		Black double-sided adhesive of silver gray metal frame
17	17		Black&gray plastic frame
18	18		Black plastic frame
19	19		Tarnish metal frame
20	20		Yellow FPC of FPC
21	21		SMD LED of FPC
22	22		SMD MIC of FPC
23	23		Black FPC of FPC
24	24		Silver metal screw - large
25	25		Black metal screw - large
26	26		Silver metal screw - small
27	27		Black metal screw - small
28	28		Tarnish metal sheet of keystroke
29	29		Orange metal button of keystroke
30	30		Tarnish metal button of keystroke
31	31		Tarnish body of keystroke
32	32		Transparent black plastic tape of keystroke
33	33		White adhesive tape of keystroke
34	34		Silver metal shrapnel of keystroke
35	35		Yellow FPC of keystroke
36	36		Black soft plastic stopper
37	37	Elliptical LCD	Gray transparent glass
38	38		Silver metal plate
39	39		White plastic frame of silver metal plate
40	40		Transparent plastic plate

41	41	Elliptical LCD	Frosted white plastic
42	42		Silver reflective plastic sheet
43	43		Silver translucent plastic sheet
44	44		Silver plastic sheet
45	45		Black plastic adhesive tape of silver plastic sheet
46	46		Silver gray adhesive fabric
47	47		Yellow FPC
48	48		SMD LED of yellow FPC
49	49		SMD chip of yellow FPC
50	50	Screen	Black LCD screen
51	51		Silver metal plate
52	52		Silver black plastic adhesive tape of silver metal plate
53	53		Silver gray foam glue of silver metal plate
54	54		Gray plastic frame of silver metal plate
55	55		Transparent plastic plate
56	56		Silver reflective plastic sheet
57	57		Frosted white plastic
58	58		Gray translucent plastic sheet
59	59		Silver plastic sheet
60	60		Black plastic adhesive tape of silver plastic sheet
61	61	Black FPC	
62	62	Receiver	Silver metal frame
63	63		Black foam glue of silver metal frame
64	64		White plastic basin of silver metal frame
65	65		Cupreous metal voice coil of silver metal frame
66	66		Silver metal shell
67	67		Magnet of silver metal shell
68	68		Black plastic frame
69	69		Silver metal contact pin of black plastic frame
70	70		Red wire jacket of black plastic frame
71	71	Black wire jacket of black plastic frame	
72	72	Antenna	Golden metal contact pin
73	73		Black wire jacket
74	74		Gray plastic wire jacket
75	75		White wire jacket
76	76		Silver metal mesh of white wire jacket
77	77		White inner wire jacket
78	78		Silver metal wire core of white wire jacket
79	79	Type-C interface	Silver metal clip
80	80		Silver metal shell
81	81		Black rubber ring of silver metal shell
82	82		Black plastic of silver metal shell

83	83	Type-C interface	Silver metal pin of silver metal shell
84	84		Yellow FPC
85	85		Tin solder of yellow FPC
86	86		Silver metal plate of yellow FPC
87	87	Vibrating motor	Silver gray double-sided tape
88	88		Silver metal shell
89	89		Magnet of silver metal shell
90	90		Black foam glue of silver metal shell
91	91		White plastic
92	92		Cupreous metal ring
93	93		Cupreous metal coil
94	94		Silver metal block
95	95	Green PCB	
96	96	Camera	Silver metal shell
97	97		Black plastic
98	98		Camera lens
99	99		Gray plastic
100	100		Black FPC
101	101		Black soft plastic sleeve
102	102		Gray colloid with adhesive
103	103		Silver-black foam tape
104	104	Speaker	Black plastic shell
105	105		Black metal mesh of black plastic shell
106	106		Black FPC with glue of black plastic shell
107	107		Silver metal shell
108	108		Magnet of silver metal shell
109	109		Silver metal frame
110	110		Silver metal basin of silver metal frame
111	111		Cupreous metal voice coil of silver metal frame
112	112		Black plastic frame
113	113		Tin solder of black plastic frame
114	114		Red wire jacket of black plastic frame
115	115	Black wire jacket of black plastic frame	
116	116	Motherboard PCBA	Cupreous tape
117	117		Pink colloid of cupreous tape
118	118		Silver metal cover
119	119		Black PCB
120	120		Gray plastic of gray interface
121	121		Silver metal pin of gray interface
122	122		Black rubber sleeve of infrared module
123	123		Black body of infrared module
124	124	Silver metal contact pin	

125	125	Motherboard PCBA	Silver metal shell of SIM card slot
126	126		Gray plastic of SIM card slot
127	127		Silver metal contact pin of SIM card slot
128	128		Yellow transparent plastic adhesive tape of SIM card slot
129	129		Black plastic of deck
130	130		Silver metal of deck
131	131		SMD chip 1(from large to small)
132	132		SMD chip 2
133	133		SMD capacitor
134	134		SMD inductor
135	135		SMD crystal
136	136		SMD diode
137	137		SMD resistor
138	138		Tin solder
139	139	PCBA2-G3331 P-WE-E033-U SC	Black PCB
140	140		Tin solder of black PCB
141	141		Black&gray plastic of black/gray interface
142	142		Silver metal pin of black/gray interface
143	143	PCBA3-G3331 9-ME-E031-RF -PCB-240428	Black PCB
144	144	Battery	Transparent plastic film with glue
145	145		Black plastic adhesive tape
146	146		Black rubber strip with glue
147	147		Green adhesive paper
148	148		Transparent double-sided adhesive
149	149		Black PCB of battery PCB
150	150		Silver metal sheet of battery PCB
151	151		SMD chip of battery PCB
152	152		Black FPC of battery PCB
153	153		Blue colloid of battery PCB
154	154	Tin solder of battery PCB	
155	155	Adapter	White plastic shell with silk lettering
156	156		Silver metal pin of white plastic shell with silk lettering
157	157	Adapter PCBA	Green PCB
158	158		Gray colloid of green PCB
159	159		Black plastic sheet of green PCB
160	160		Silver metal sheet of green PCB
161	161		Transparent double-sided adhesive of green PCB
162	162		Silver metal insert
163	163		Black body of varistor
164	164		Transparent colloid of yellow X capacitor

165	165	Adapter PCBA	Yellow plastic shell of yellow X capacitor
166	166		Inner body of yellow X capacitor
167	167		Pouring sealant of yellow X capacitor
168	168		Red plastic shell of fuse
169	169		Black plastic of fuse
170	170		Aluminum shell of electrolytic capacitor
171	171		Cathode foil of electrolytic capacitor
172	172		Anode foil of electrolytic capacitor
173	173		Electrolytic paper of electrolytic capacitor
174	174		Rubber pad of electrolytic capacitor
175	175		Electrode pin of electrolytic capacitor
176	176		Black plastic jacket of electrolytic capacitor
177	177		Yellow plastic adhesive tape of transformer
178	178		Black plastic sketch of transformer
179	179		Magnet core of transformer
180	180		Transparent casing tube of transformer
181	181		Black casing tube of transformer
182	182		Varnished wire of transformer
183	183		Coil of transformer
184	184		Aluminum shell of C10 electrolytic capacitor
185	185		Cathode foil of C10 electrolytic capacitor
186	186		Anode foil of C10 electrolytic capacitor
187	187		Electrolytic paper of C10 electrolytic capacitor
188	188		Rubber pad of C10 electrolytic capacitor
189	189		Electrode pin of C10 electrolytic capacitor
190	190		Blue body of capacitor
191	191		Brown plastic jacket of C2 electrolytic capacitor
192	192		Black plastic casing tube of inductor
193	193		Magnet core of inductor
194	194		Coil of inductor
195	195	Green PCB of insert PCB	
196	196	Silver metal shell of type-c interface	
197	197	Gray plastic of type-c interface	
198	198	Silver metal pin of type-c interface	
199	199	SMD chip of type-c interface	
200	200	SMD capacitor of type-c interface	
201	201	SMD resistor of type-c interface	
202	202	Q2 chips	
203	203	U2 Chip	
204	204	SMD diode	
205	205	SMD rectifier bridge	
206	206	Q1 chip	

207	207	Adapter PCBA	SMD capacitor
208	208		SMD resistor
209	209		Tin solder
210	210	Data cable	White encapsulation of type-c interface
211	211		Silver metal shell of type-c interface
212	212		Translucent plastic of type-c interface
213	213		Beige plastic of type-c interface
214	214		Gray plastic of type-c interface
215	215		Silver metal pin of type-c interface
216	216		Blue PCB of type-c interface
217	217		Tin solder of type-c interface
218	218		White exterior wire jacket
219	219		Black wire jacket
220	220		Pink wire jacket
221	221		Yellow wire jacket
222	222		Green wire jacket
223	223		White wire jacket
224	224		Cupreous metal wire core
225	225	Earphone	White plastic shell
226	226		Green plastic mesh with adhesive of white plastic shell
227	227		Silver metal basin
228	228		Transparent double-sided adhesive of silver metal basin
229	229		Cupreous metal voice coil
230	230		Silver metal shell
231	231		Magnet of silver metal shell
232	232		Green PCB of silver metal shell
233	233		Tin solder of silver metal shell
234	234		Black/white adhesive tape of silver metal shell
235	235		White plastic shell of type-c interface
236	236		Silver metal shell of type-c interface
237	237		White encapsulation of type-c interface
238	238		Gray plastic of type-c interface
239	239	Silver metal pin of type-c interface	
240	240	Blue PCB of type-c interface	
241	241	Tin solder of type-c interface	
242	242	White plastic shell of regulating switch	
243	243	Blue PCB of regulating switch	
244	244	Transparent plastic of regulating switch	
245	245	Silver metal shrapnel of regulating switch	
246	246	SMD MIC of regulating switch	
247	247A	Tin solder of regulating switch	
248	248	Gray encapsulation	

249	249	Earphone	White exterior wire jacket
250	250		Cupreous metal wire core
251	251		Green metal core
252	252		Blue metal core
253	253		Red metal wire core
254	254		White fiber
255	256	Adapter 2	White plastic shell with lettering
256	257		Silver metal pin of White plastic shell with lettering
257	258	Adapter 2-PCBA	Green PCB
258	259		Rubber pad of EC4 electrolytic capacitor
259	260		Yellow adhesive tape of transformer
260	261		Magnet core of transformer
261	262		Cupreous metal coil of transformer
262	263		Black casing tube of transformer
263	264		Transparent casing tube of transformer
264	265		Varnished wire of transformer
265	266		Black plastic frame of transformer
266	267		Green plastic jacket of EC3 electrolytic capacitor
267	268		Rubber pad of EC3 electrolytic capacitor
268	269		Silver metal frame
269	270		White colloid
270	271		Red plastic shell of fuse
271	272		Fuse
272	273		Black plastic base of fuse
273	274		Black plastic jacket of EC1 electrolytic capacitor
274	275		Aluminum shell of EC1 electrolytic capacitor
275	276		Cathode foil of EC1 electrolytic capacitor
276	277		Anode foil of EC1 electrolytic capacitor
277	278		Electrolytic paper of EC1 electrolytic capacitor
278	279		Electrode pin of EC1 electrolytic capacitor
279	280		Rubber pad of EC1 electrolytic capacitor
280	281		Black plastic sheet
281	282	Black body of resistor	
282	283	Metal pin of resistor	
283	284	Black plastic jacket of EC2 electrolytic capacitor	
284	285	Rubber pad of EC2 electrolytic capacitor	
285	286	Black plastic jacket of L1 inductor	
286	287	Magnet core of L1 inductor	
287	288	Cupreous metal coil of L1 inductor	
288	289	Cupreous metal coil of LF1 inductor	
289	290	Varnished wire of LF1 inductor	
290	291	Green coating of LF1 inductor	

291	292	Adapter 2-PCBA	Magnet core of LF1 inductor
292	293		Black plastic frame of LF1 inductor
293	294		Green PCB of insert PCB
294	295		Silver metal shell of type-c interface
295	296		Red plastic of type-c interface
296	297		Metal plug pin of type-c interface
297	298		CY2 chip tantalum capacitor
298	299		BD2 Patch rectifier bridge
299	300		R1 SMD resistor
300	301		D1 SMD diode
301	302		White electronic component
302	303		U1 Chip
303	304		Tin solder

Test Result(s):
Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium (Cr(VI)), Polybrominated Biphenyls (PBBs), Polybrominated Diphenyl Ethers(PBDEs)

Part No.	Test Items	XRF Screening Result(mg/kg)	Chemical Test Result(mg/kg)	Conclusion
1	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
2	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
3	Pb	OL	25270 ^{#1}	Pass
	Cd	IN	26	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
4	Pb	OL	22271 ^{#1}	Pass
	Cd	IN	16	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
5	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
6	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
7	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

8	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
9	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
10	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
11	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
12	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
13	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
14	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
15	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

16	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
17	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	BL	/	
18	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
19	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
20	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
21	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
22	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
23	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

24	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
25	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
26	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
27	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
28	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
29	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
30	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
31	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

32	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
33	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
34	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
35	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
36	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
37	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
38	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
39	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

40	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
41	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
42	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
43	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
44	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
45	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
46	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
47	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

48	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
49	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
50	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
51	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
52	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
53	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
54	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
55	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

56	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
57	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
58	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
59	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
60	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
61	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
62	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
63	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

64	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
65	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
66	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
67	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
68	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
69	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
70	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
71	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

72	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
73	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
74	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
75	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
76	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
77	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
78	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
79	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	

80	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
81	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
82	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
83	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
84	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
85	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
86	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
87	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

88	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
89	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
90	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
91	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
92	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
93	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
94	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
95	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

96	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
97	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
98	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
99	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
100	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
101	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
102	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
103	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

104	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
105	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
106	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
107	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
108	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
109	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
110	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
111	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

112	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
113	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
114	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
115	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
116	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
117	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
118	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
119	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

120	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
121	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
122	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
123	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
124	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
125	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
126	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
127	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

128	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
129	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
130	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
131	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
132	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	IN	N.D.	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
133	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
134	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
135	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

136	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
137	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
138	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
139	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
140	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
141	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
142	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
143	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	

144	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
145	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
146	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
147	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
148	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
149	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
150	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
151	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

152	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
153	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
154	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
155	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
156	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
157	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
158	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
159	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	

160	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
161	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
162	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
163	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
164	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
165	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
166	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
167	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	

168	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
169	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
170	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
171	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
172	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
173	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
174	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
175	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

176	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
177	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
178	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
179	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
180	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
181	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
182	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
183	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

184	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
185	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
186	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
187	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
188	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
189	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
190	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
191	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

192	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
193	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
194	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
195	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
196	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
197	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
198	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
199	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

200	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
201	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
202	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
203	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
204	Pb	OL	33909 ^{#2}	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
205	Pb	OL	29927 ^{#2}	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
206	Pb	OL	49890 ^{#2}	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
207	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

208	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
209	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
210	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
211	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
212	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
213	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
214	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
215	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

216	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
217	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
218	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
219	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
220	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
221	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
222	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
223	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

224	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
225	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
226	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
227	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
228	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
229	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
230	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
231	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

232	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
233	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
234	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
235	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
236	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
237	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
238	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
239	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

240	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
241	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
242	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
243	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
244	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
245	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
246	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
247	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

248	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
249	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
250	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
251	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
252	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
253	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
254	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
255	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

256	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
257	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
258	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
259	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
260	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
261	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
262	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
263	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

264	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
265	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
266	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
267	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
268	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
269	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
270	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
271	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

272	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
273	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
274	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
275	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
276	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
277	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
278	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
279	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

280	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
281	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
282	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
283	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
284	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
285	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
286	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
287	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

288	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
289	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
290	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
291	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
292	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
293	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	IN	N.D.	
294	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	/	/	
295	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	

296	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	
297	Pb	IN	60805 ^{#2}	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
298	Pb	OL	29873 ^{#2}	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
299	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	IN	N.D.	
	Br(PBBs&PBDEs)	BL	/	
300	Pb	OL	41645 ^{#2}	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
301	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
302	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	BL	/	
303	Pb	BL	/	Pass
	Cd	BL	/	
	Hg	BL	/	
	Cr(Cr(VI))	BL	/	
	Br(PBBs&PBDEs)	/	/	

Bis-(2-ethylhexyl) Phthalate (DEHP), Benzyl butyl Phthalate (BBP), Dibutyl Phthalate (DBP) and Diisobutyl Phthalate(DIBP)

Test Items	Result(mg/kg)		
	1	2+5+10	6+7+15
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	8	9	11
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	14+17+18	16+32	20+23+31
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	33	35+39+40	36+101
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	37	41+42+43	44+47+54
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	45+46+52	50	53+60
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	55+56+57	58+59+61	63
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	64+68+82	70	71
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	73	74	75
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	77	81	84+91+97
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	87+90+103	95	98+99+100
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	102	104+112+120	106
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	114	115	116
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	117	119	122
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	123+126+129	128	139
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	141+152+155	143	144+147+148
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	145	146	149
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	153+158	157	159+165
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	161	163	164
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	166+168	167	169+178
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	173+187	174+188	176
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	177	180+181	182
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	190	191+192	195
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	197+212+213	210+237+248	214+225+235
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	216	218	219+220+221
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	222+223+249	226	228
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	232	234	238+242+244
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	240	243	254
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	255+265+270	257+293	258+267+279
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	259	262+263	264+289
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	266+273+283	269	272+292
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	277	280	281
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)		
	284	285	290
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.
Diisobutyl Phthalate(DIBP)	N.D.	N.D.	N.D.
Conclusion	Pass	Pass	Pass

Test Items	Result(mg/kg)
	295
Bis-(2-ethylhexyl) Phthalate (DEHP)	N.D.
Benzyl butyl Phthalate (BBP)	N.D.
Dibutyl Phthalate (DBP)	N.D.
Diisobutyl Phthalate(DIBP)	N.D.
Conclusion	Pass

- Note:
- 1.N.D. = Not Detected (<MDL)
MDL = Method Detection Limit
1mg/kg = 1ppm =0.0001%
/=Not Regulated or Not Applicable
 2. BL = Below the XRF screening limit
IN = Further chemical test will be conducted when the screening result inconclusive
OL = Further chemical test will be conducted while the result is above the screening limit.
 3. For metal samples, the sample is negative for Cr(VI), if the Cr(VI) concentration is less than 0.10 µg/cm², the coating is considered a non- Cr(VI) based coating;
The sample is positive for Cr(VI), if the Cr(VI) concentration is greater than 0.13 µg/cm²,
The sample coating is considered to contain Cr(VI);
The result is considered to be inconclusive, the Cr(VI) concentration is between the 0.10 µg/cm² and 0.13 µg/cm², unavoidable coating variations may influence the determination.
Because the storage condition and production date of the sample are not known, the test results of the sample of hexavalent chromium can only represent the state of hexavalent chromium in the samples tested.
- Remark:
1. When conducting the test for PBBs&PBDEs, XRF was introduced to screen Br Exclusively; When conducting the test for Hexavalent Chromium, XRF was introduced to screen Chromium exclusively.
 2. According to the client's statement , the material of the sample(s) comply with RoHS directive 2011/65/EU Annex III Exemption, Corresponding exemption clause:
#1 6(c) Lead is exempted as copper alloy containing up to 4% lead by weight .
#2 7(a) Lead is exempted as Lead in high melting temperature type solders (i.e. lead- based alloys containing 85 % by weight or more lead).
 3. Part No.247 Resubmitted Date: Sep. 19, 2024.

Test Method:

1. With reference to IEC 62321-1: 2013 Ed.1.0, IEC 62321-2:2021 Ed.2.0, IEC 62321-3-1:2013 Ed.1.0. XRF screening limits in mg/kg for regulated elements in various matrices.

Element	Limit of IEC 62321-3-1:2013 Ed.1.0 (mg/kg)		
	Polymers	Metals	Composite material
Pb	$BL \leq (700-3\sigma) < X$ $< (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X$ $< (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X$ $< (1500+3\sigma) \leq OL$
Cd	$BL \leq (70-3\sigma) < X$ $< (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X$ $< (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma)$ $\leq OL$
Hg	$BL \leq (700-3\sigma) < X$ $< (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X$ $< (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X$ $< (1500+3\sigma) \leq OL$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$
Br	$BL \leq (300-3\sigma) < X$	/	$BL \leq (250-3\sigma) < X$

Note:

- BL= Below the XRF screening limit
- OL=Over the XRF screening limit
- X=The symbol "X" marks the region where further investigation is necessary.
- 3σ =The reproducibility of analytical instruments
- LOD= Detection limit

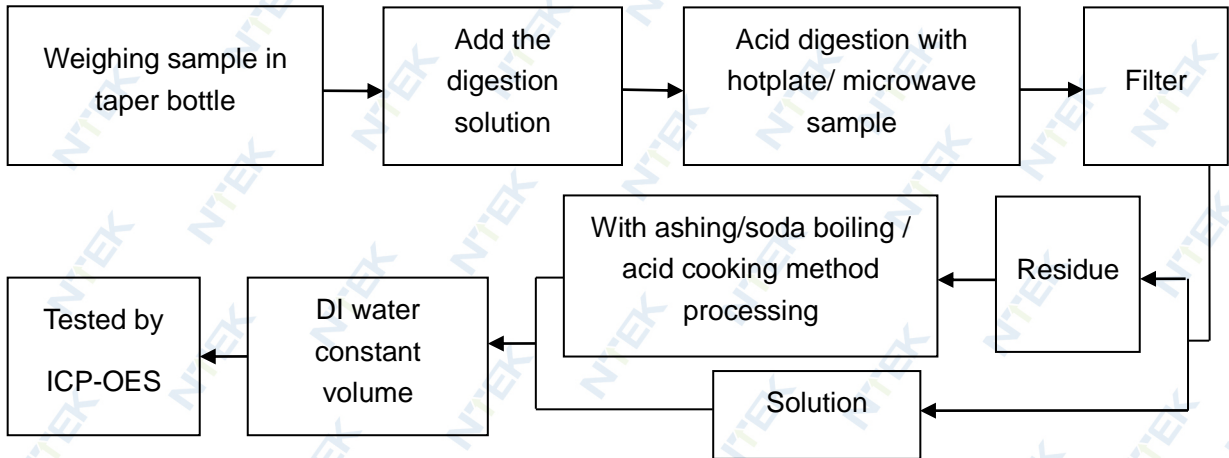
2. Chemical Test

Test item	Test method	Test instrument	MDL	Limit [△]
Lead (Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	1000 mg/kg
Cadmium (Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2 mg/kg	100 mg/kg
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES	2 mg/kg	1000 mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 Ed.1.0	UV-Vis	0.10 µg/cm ²	1000 mg/kg
	IEC 62321-7-2:2017 Ed.1.0		8 mg/kg	
Polybrominated Biphenyls(PBBs)	IEC 62321-6:2015 Ed.1.0	GC-MS	5 mg/kg	1000 mg/kg
Polybrominated, Diphenyl Ethers(PBDEs)	IEC 62321-6:2015 Ed.1.0	GC-MS	5 mg/kg	1000 mg/kg
Bis-(2-ethylhexyl) Phthalate (DEHP)	IEC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Benzyl butyl Phthalate (BBP)	IEC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Dibutyl Phthalate (DBP)	IEC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg
Diisobutyl Phthalate (DIBP)	IEC 62321-8:2017 Ed.1.0	GC-MS	30 mg/kg	1000 mg/kg

[△]The limit is quoted from RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

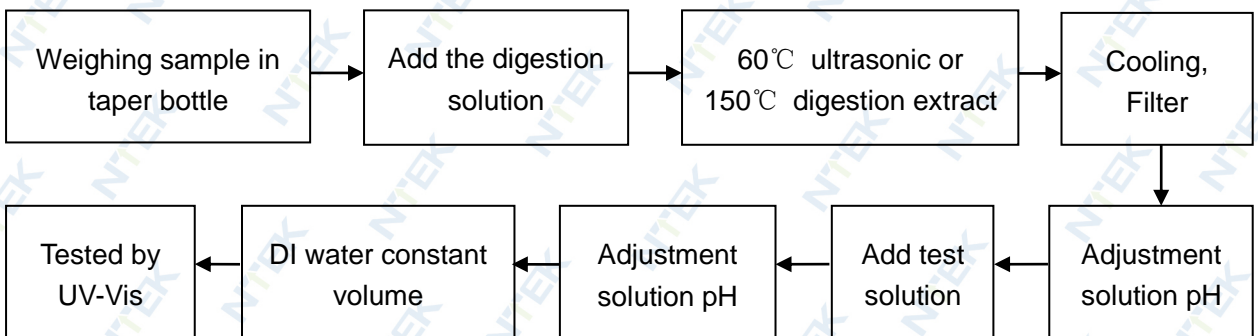
Test Flow:

1. Lead(Pb), Cadmium(Cd), Mercury (Hg)

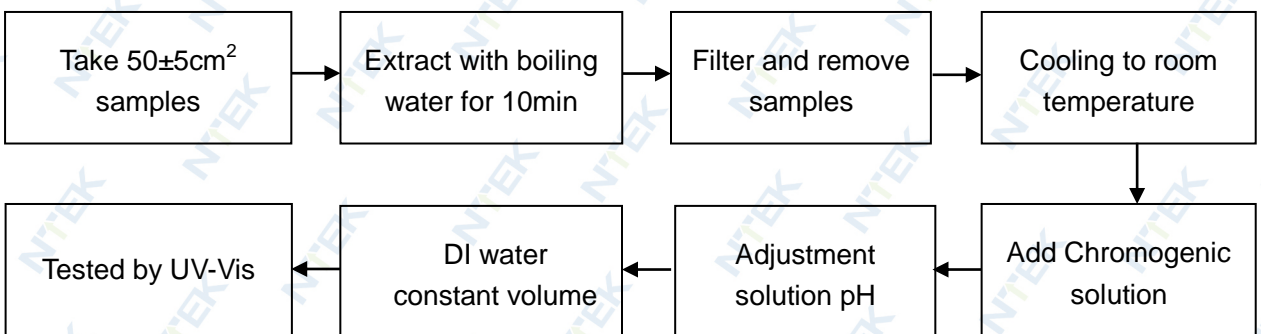


2. Hexavalent Chromium(Cr(VI))

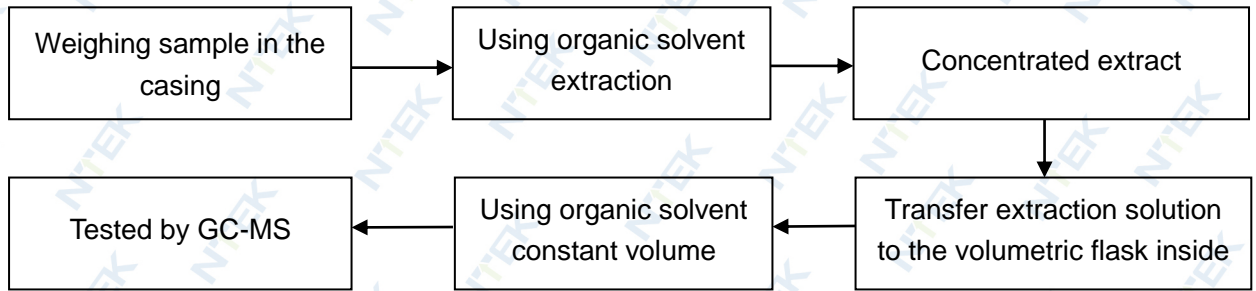
2.1 Non- metal sample(s)



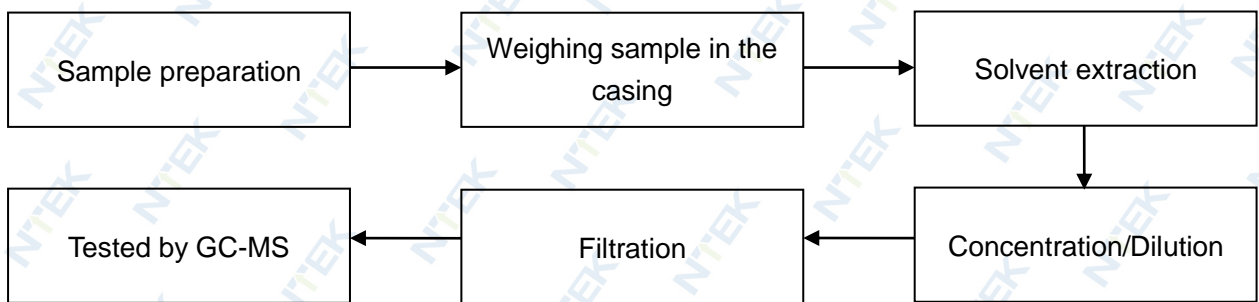
2.2 Metal sample(s)



3. PBBs/ PBDEs



4. Phthalates



Sample photo(s):



Fig.1(Finished photo)



Fig.2(Finished photo)



Fig. 3



Fig. 4



Fig. 5



Fig. 6

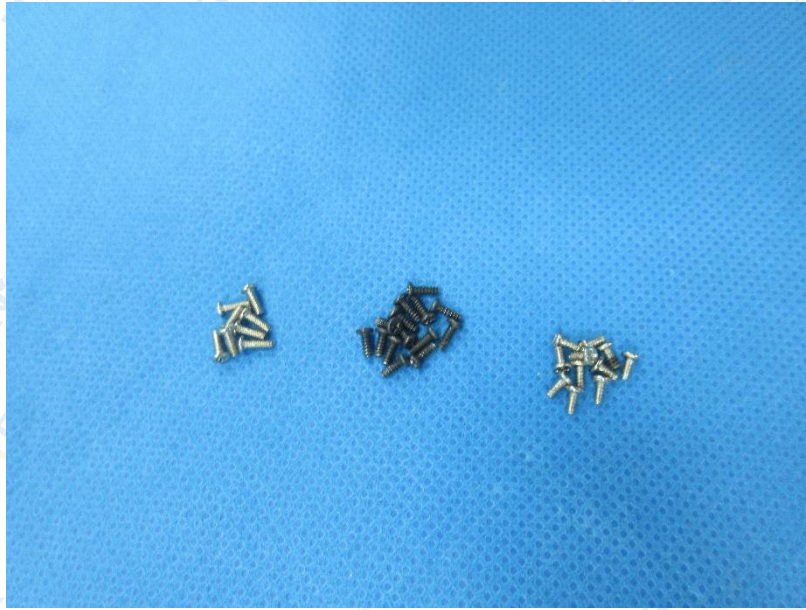


Fig. 7



Fig. 8

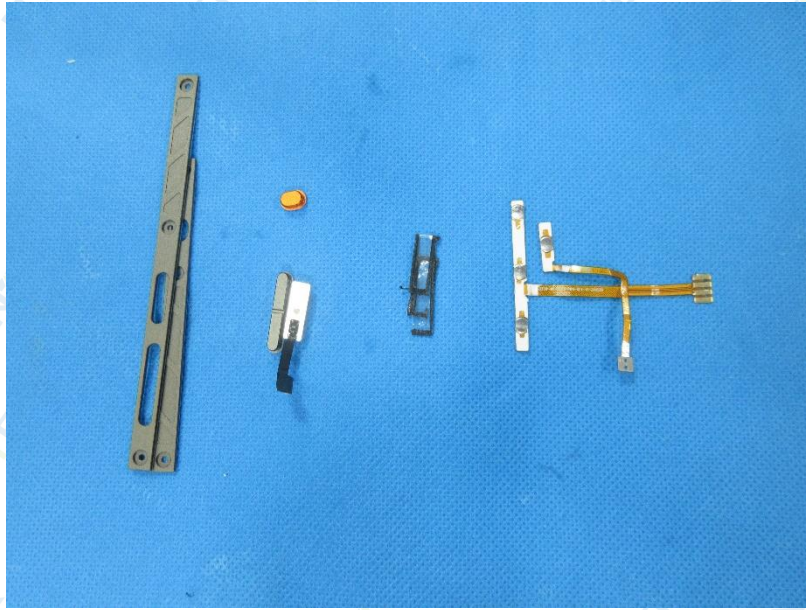


Fig. 9



Fig. 10



Fig. 11

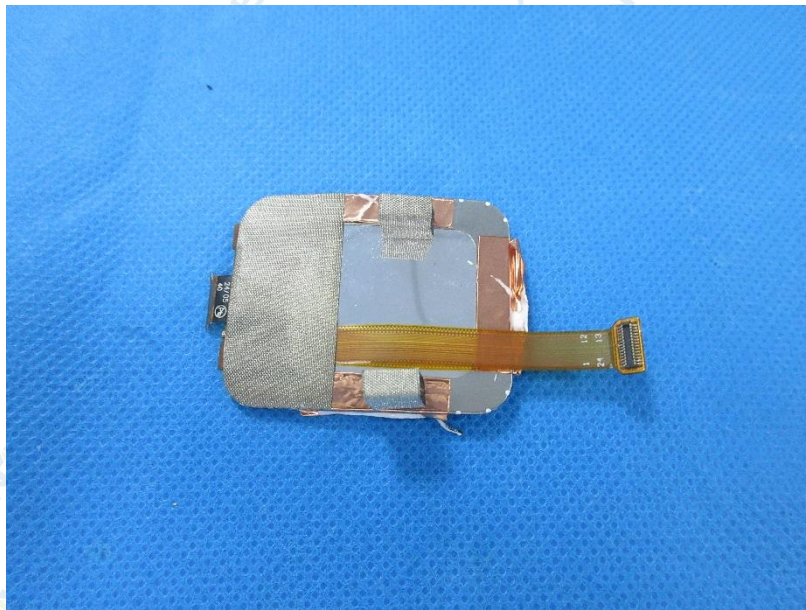


Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16

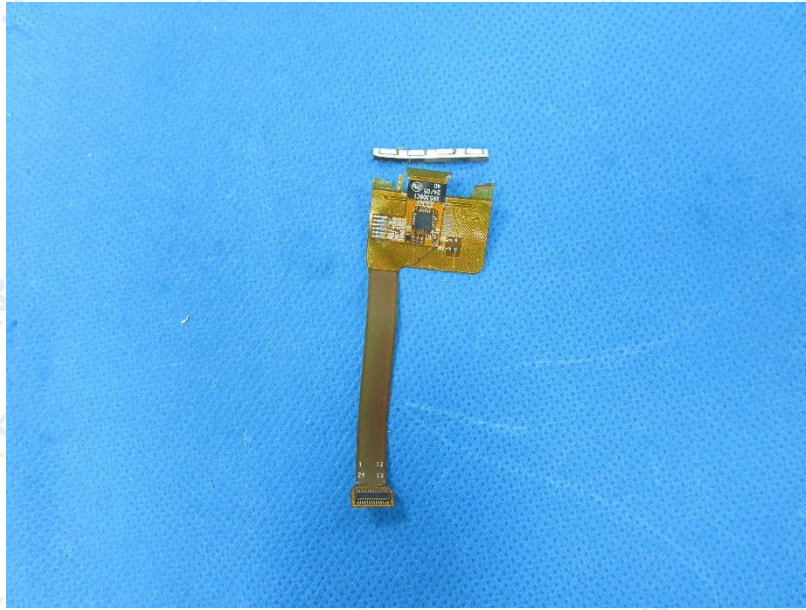


Fig. 17



Fig. 18

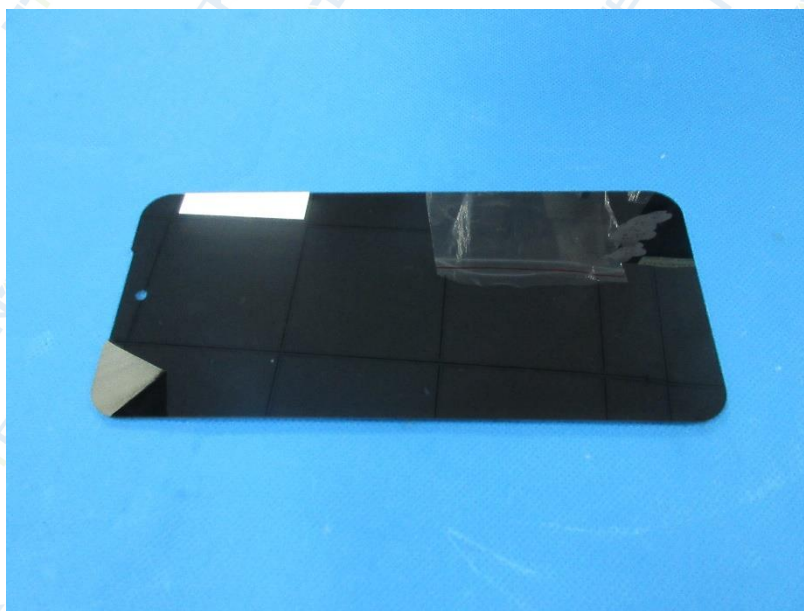


Fig. 19



Fig. 20



Fig. 21

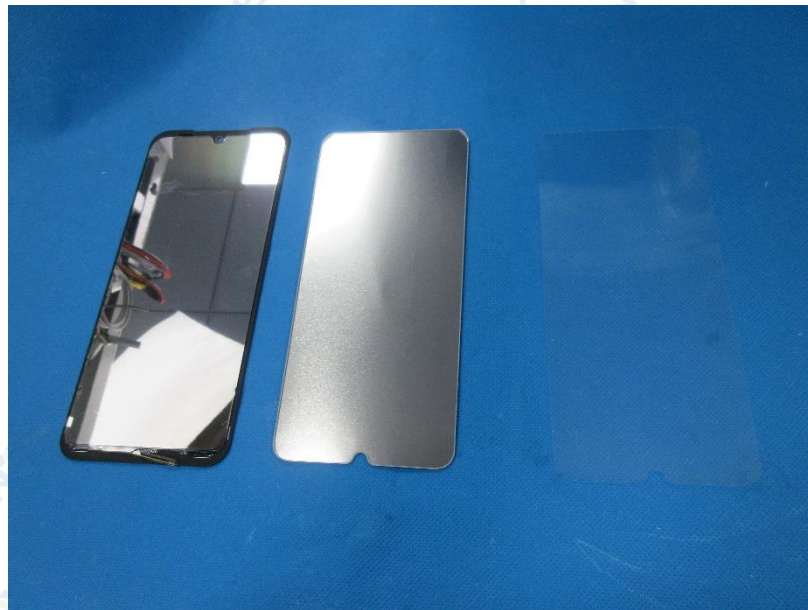


Fig. 22

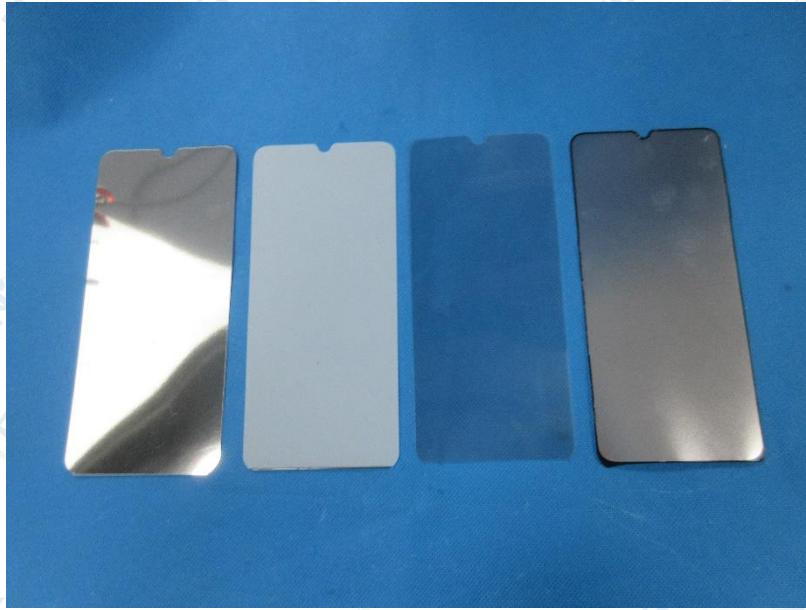


Fig. 23



Fig. 24

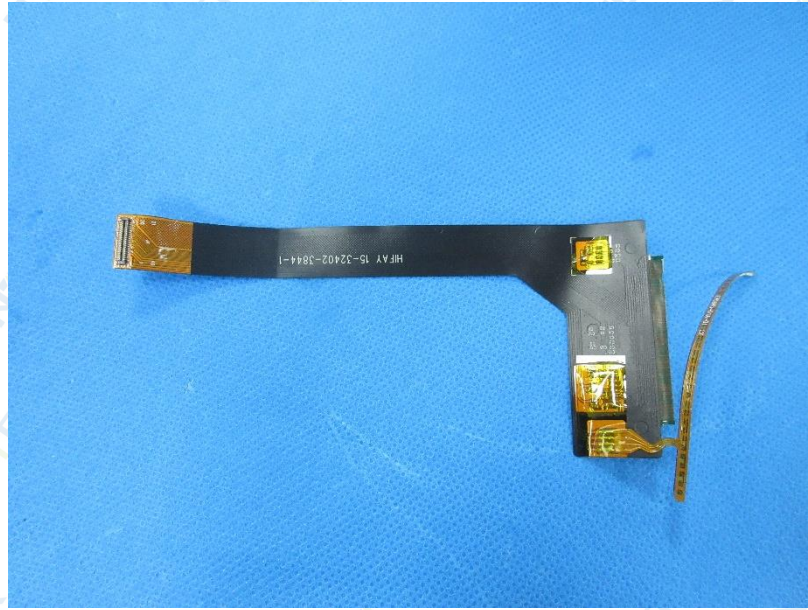


Fig. 25

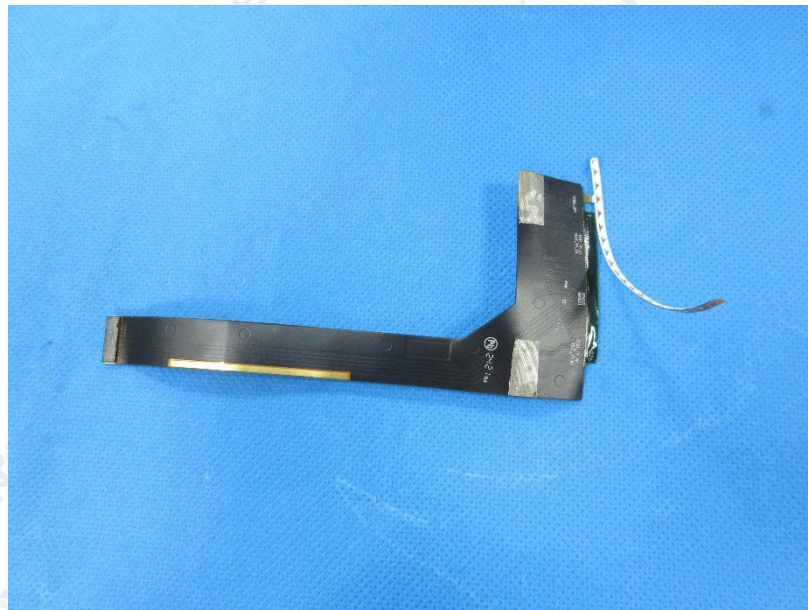


Fig. 26

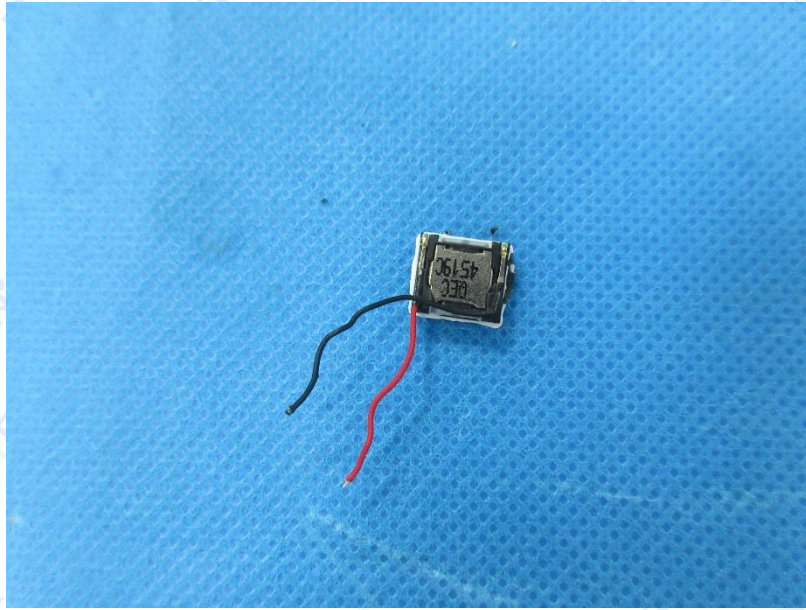


Fig. 27

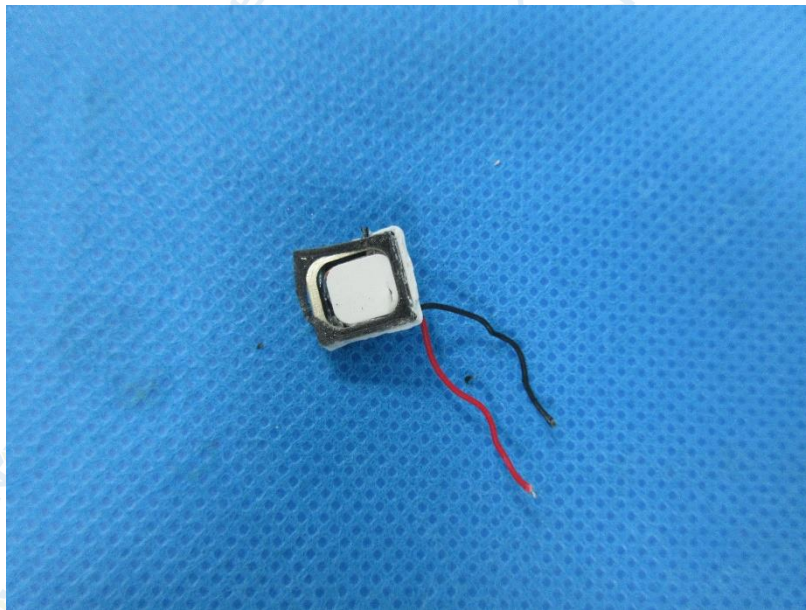


Fig. 28

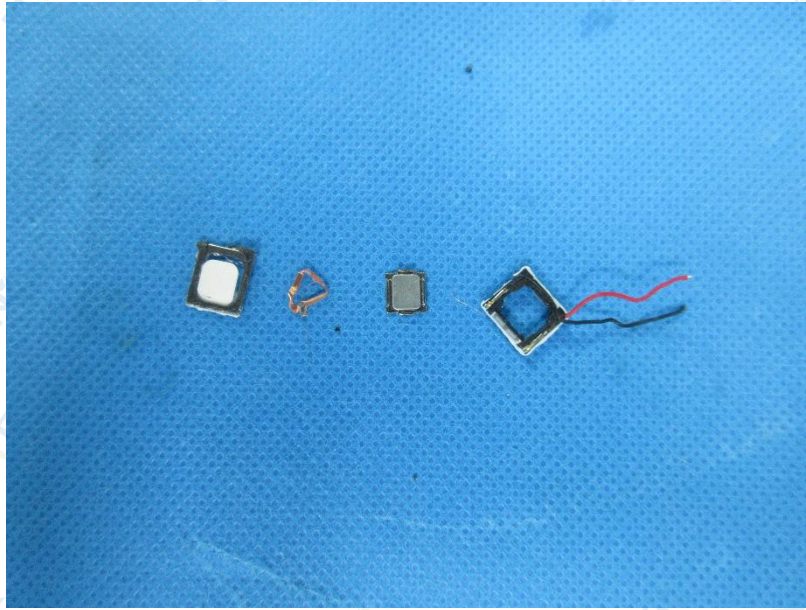


Fig. 29

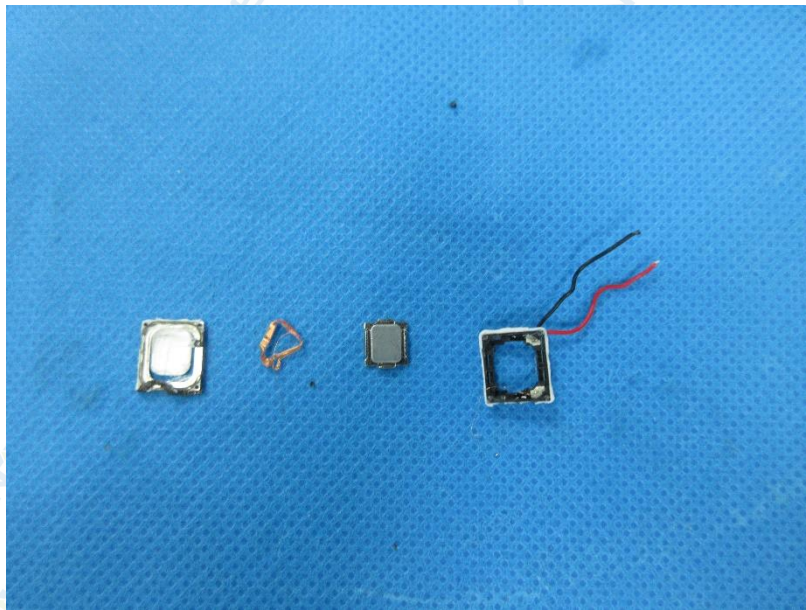


Fig. 30

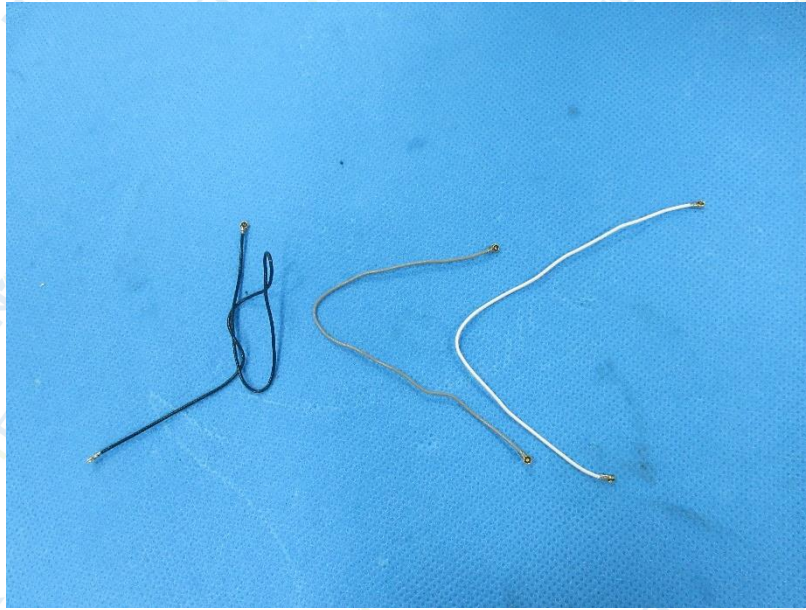


Fig. 31



Fig. 32

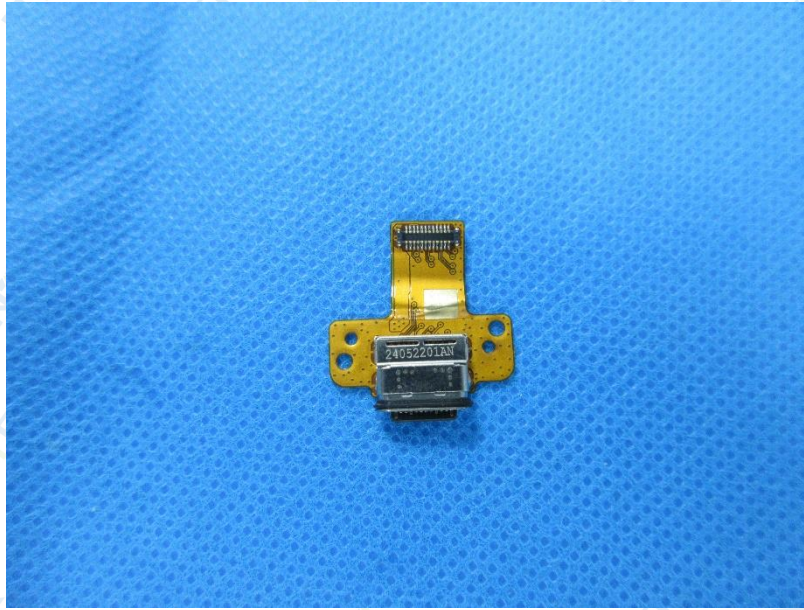


Fig. 33

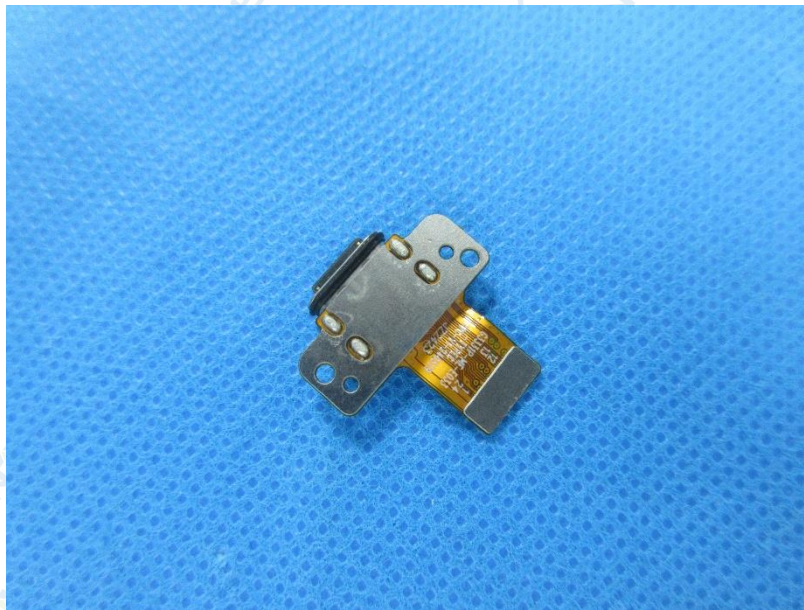


Fig. 34

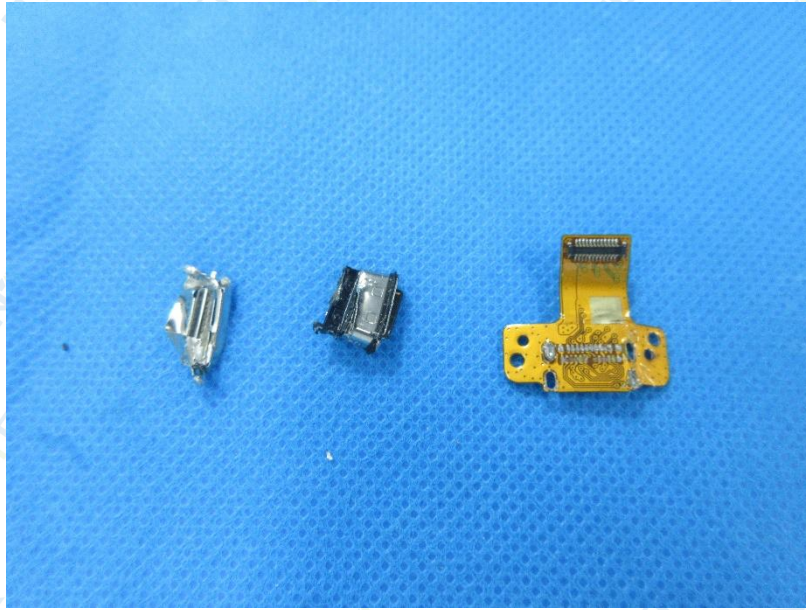


Fig. 35

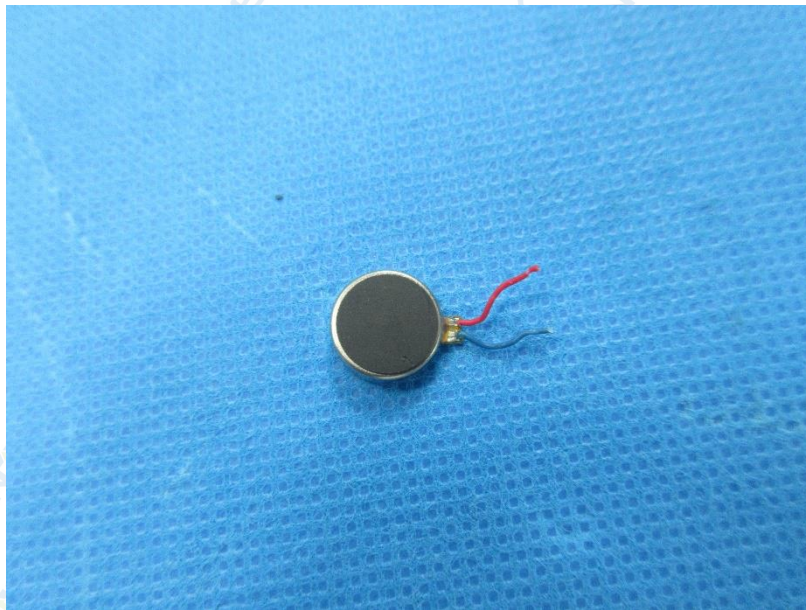


Fig. 36

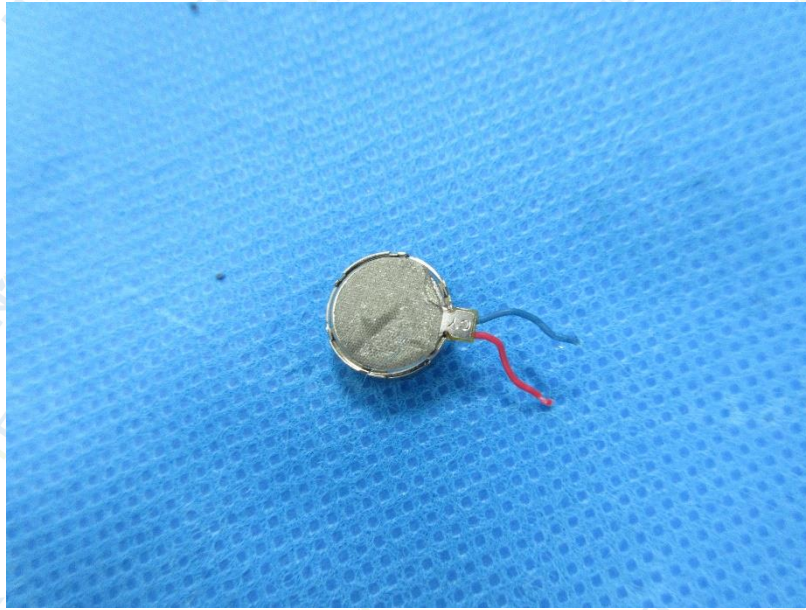


Fig. 37

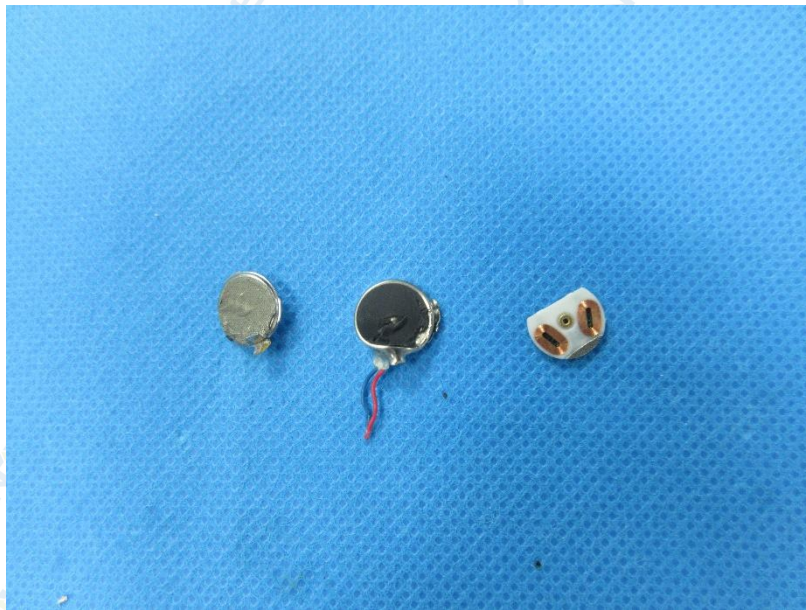


Fig. 38

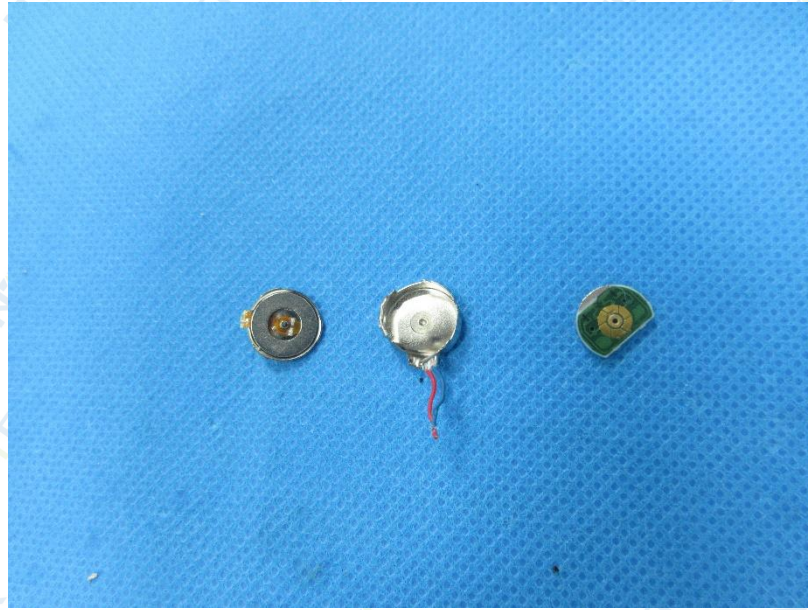


Fig. 39



Fig. 40



Fig. 41



Fig. 42

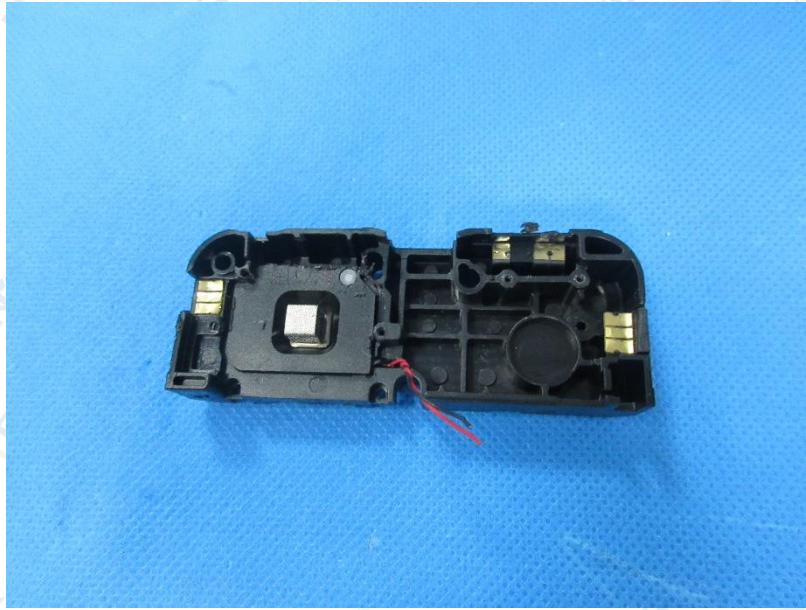


Fig. 43



Fig. 44

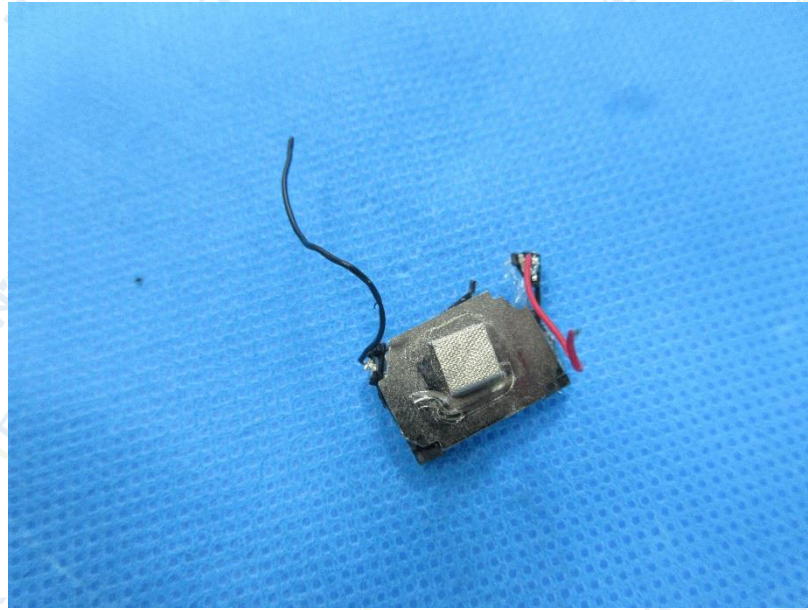


Fig. 45

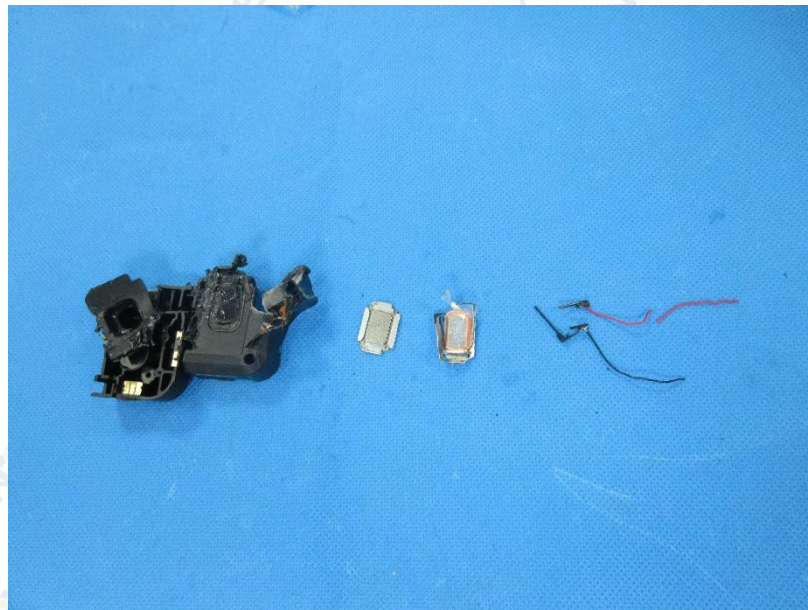


Fig. 46

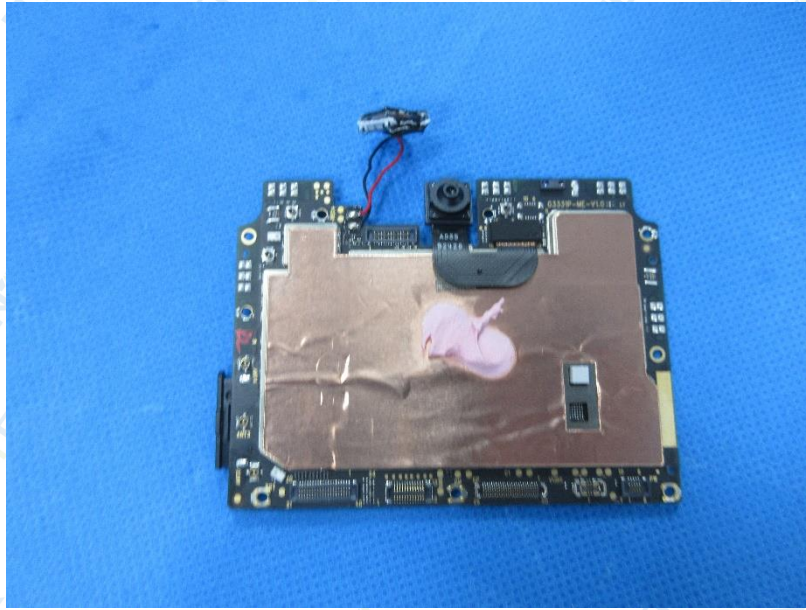


Fig. 47



Fig. 48



Fig. 49



Fig. 50



Fig. 51



Fig. 52

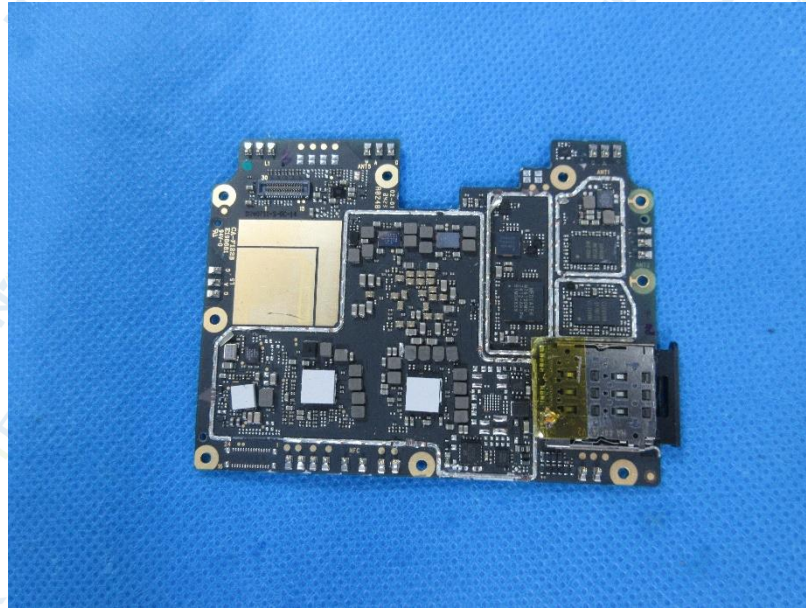


Fig. 53

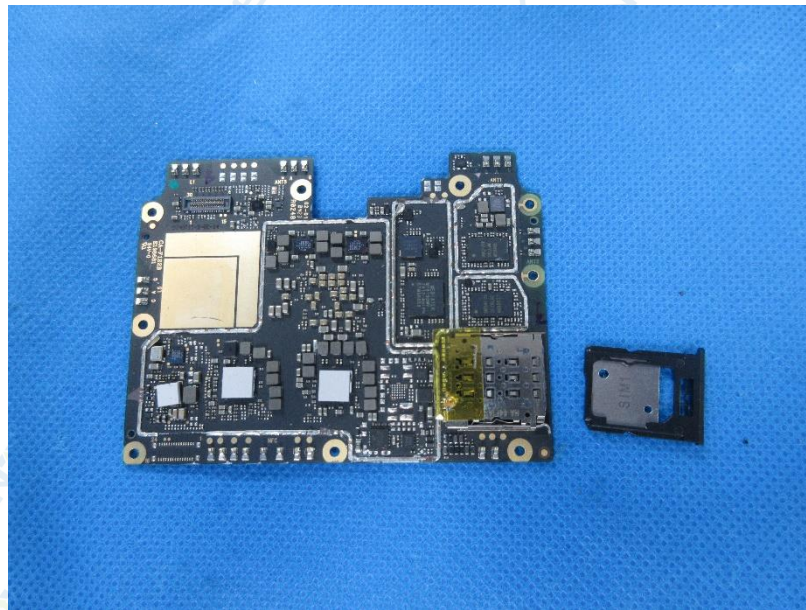


Fig. 54

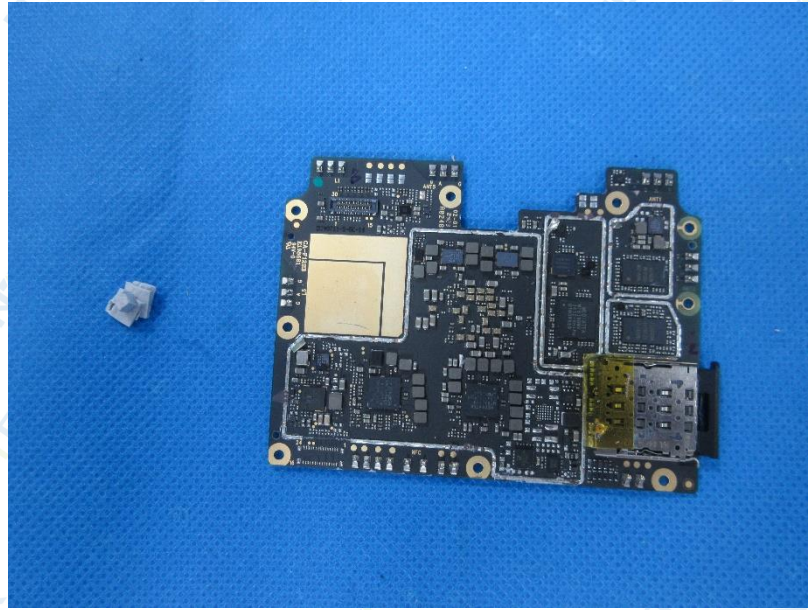


Fig. 55

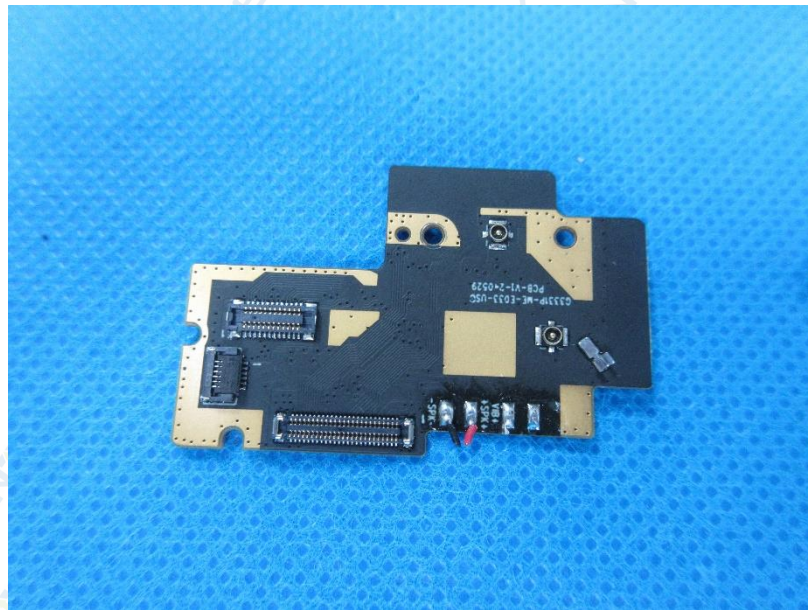


Fig. 56

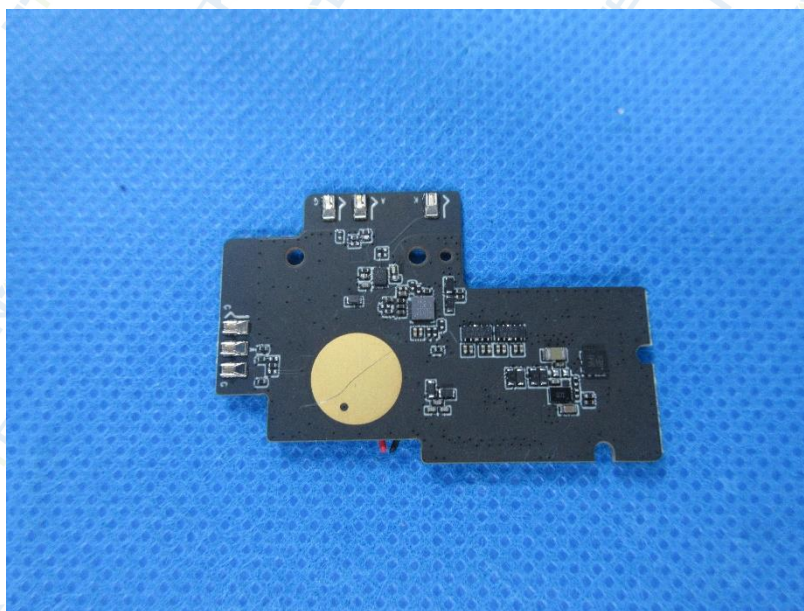


Fig. 57

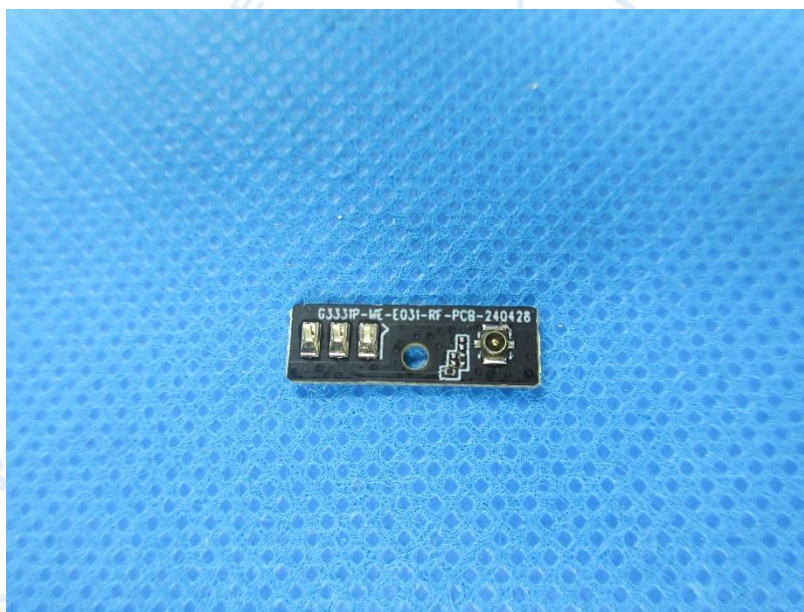


Fig. 58

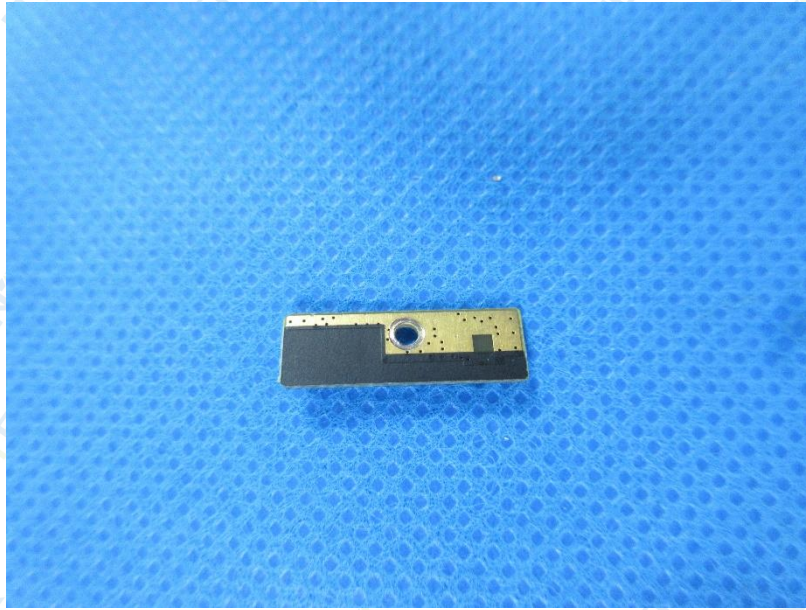


Fig. 59



Fig. 60



Fig. 61



Fig. 62



Fig. 63



Fig. 64



Fig. 65



Fig. 66



Fig. 67

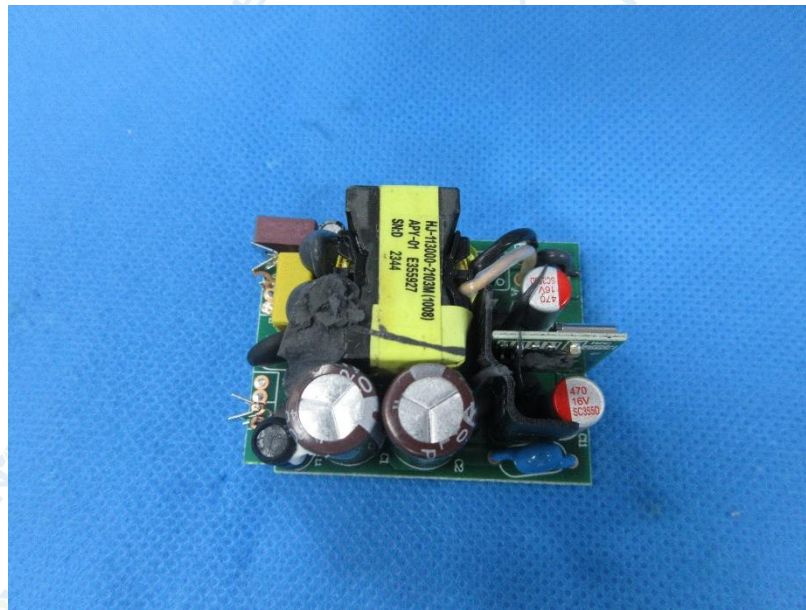


Fig. 68

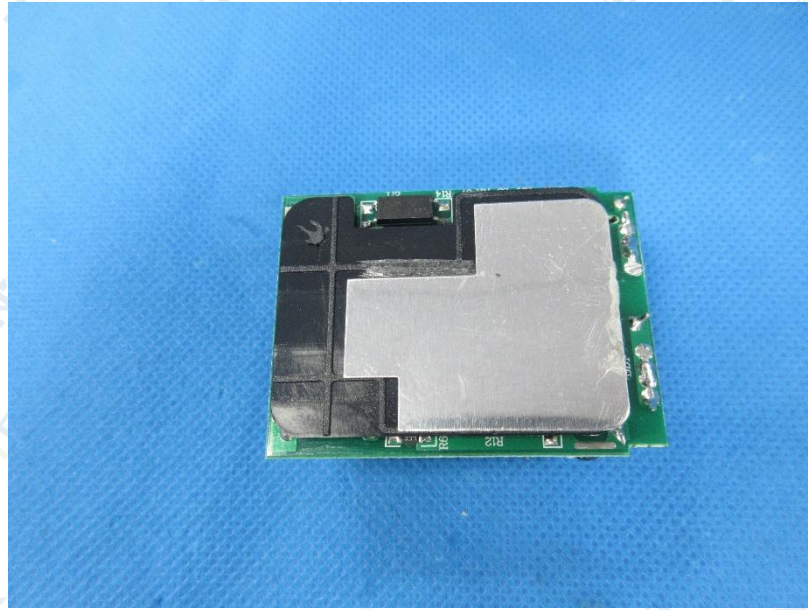


Fig. 69

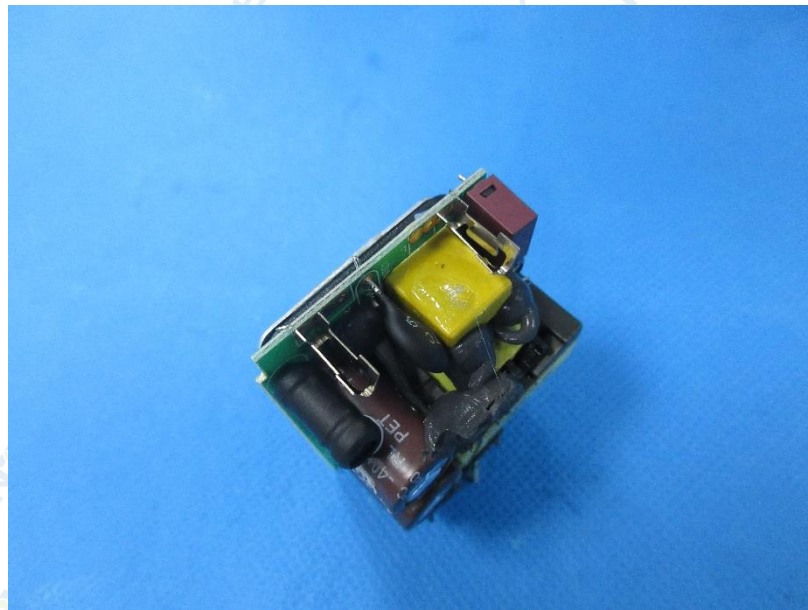


Fig. 70

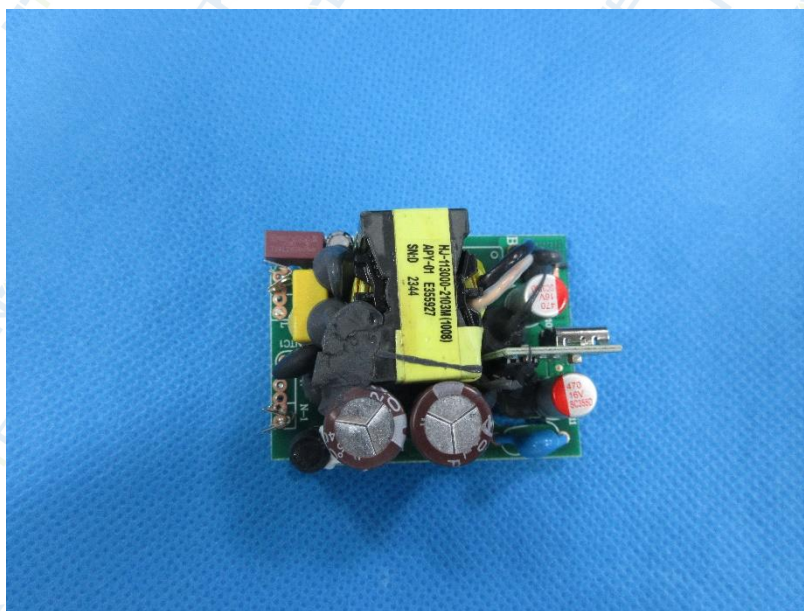


Fig. 71

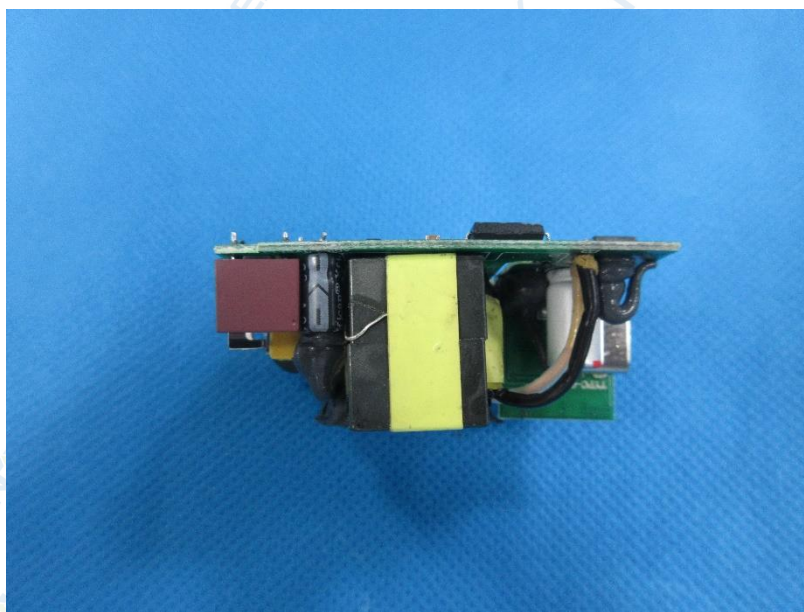


Fig. 72

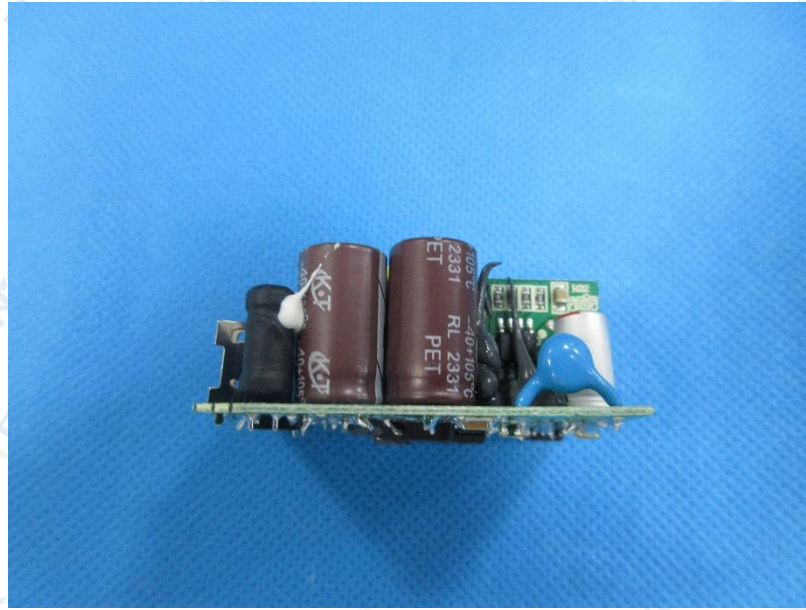


Fig. 73

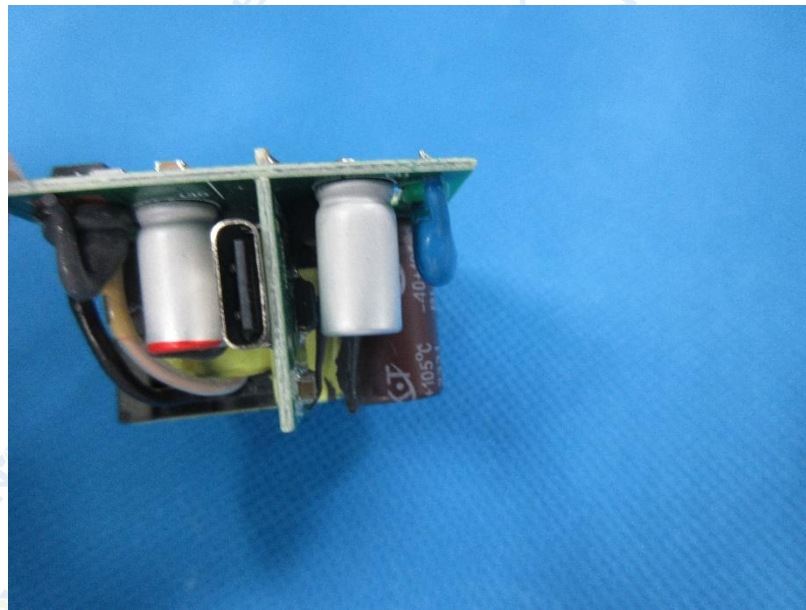


Fig. 74

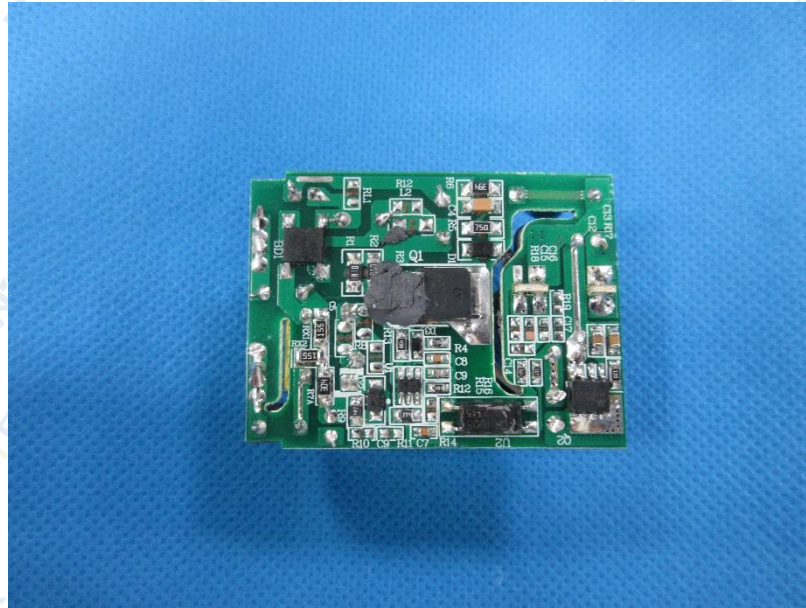


Fig. 75



Fig. 76

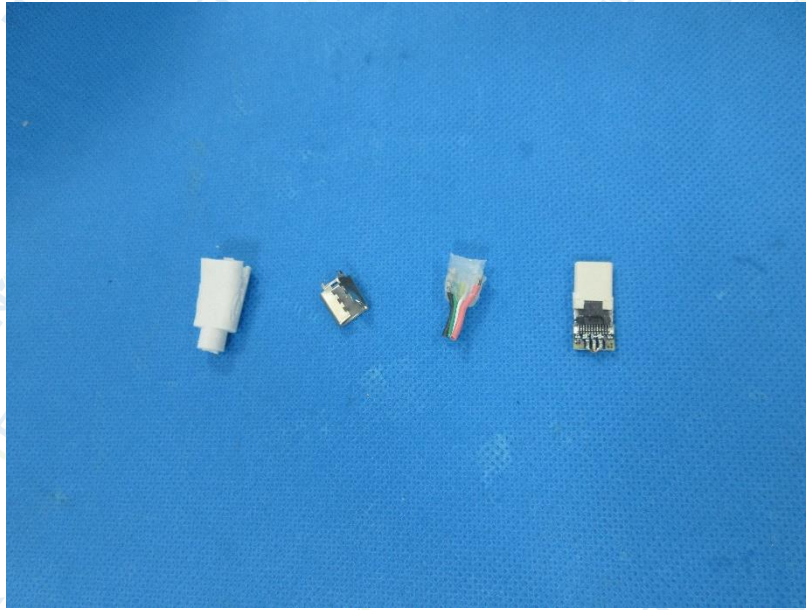


Fig. 77



Fig. 78



Fig. 79



Fig. 80



Fig. 81



Fig. 82

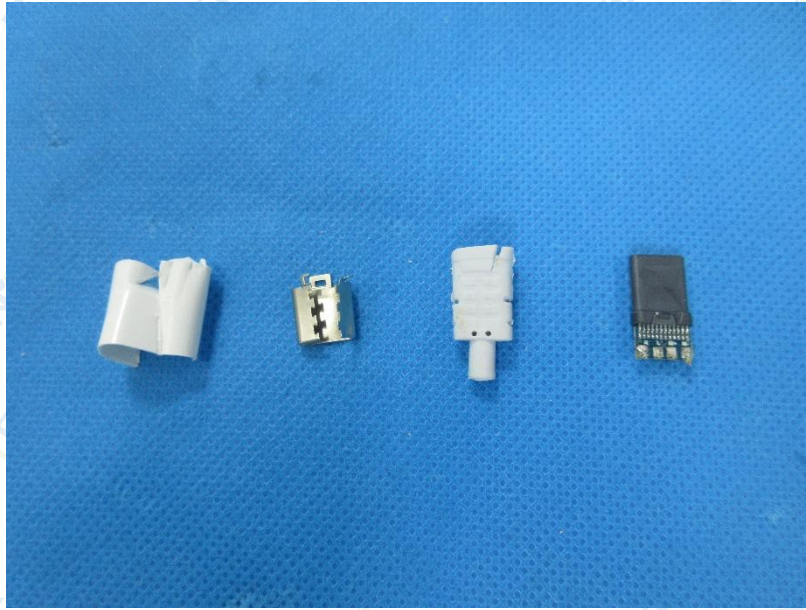


Fig. 83

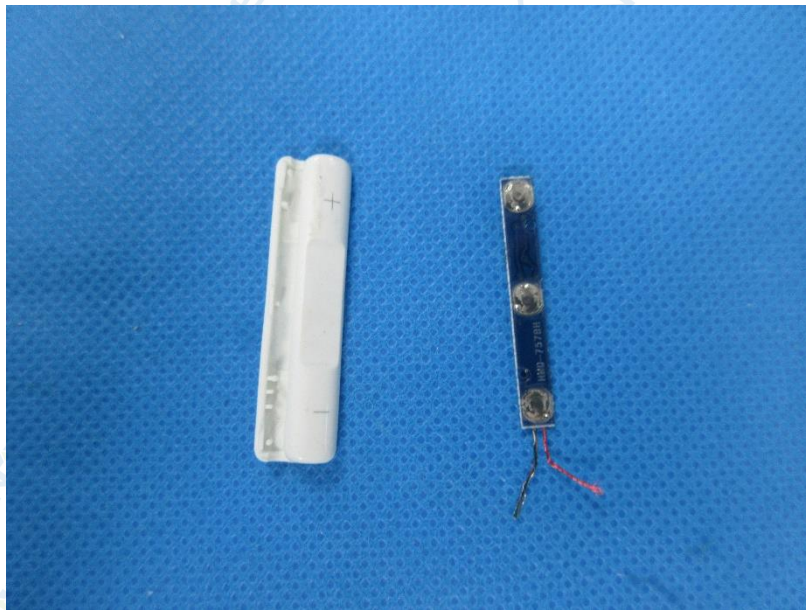


Fig. 84

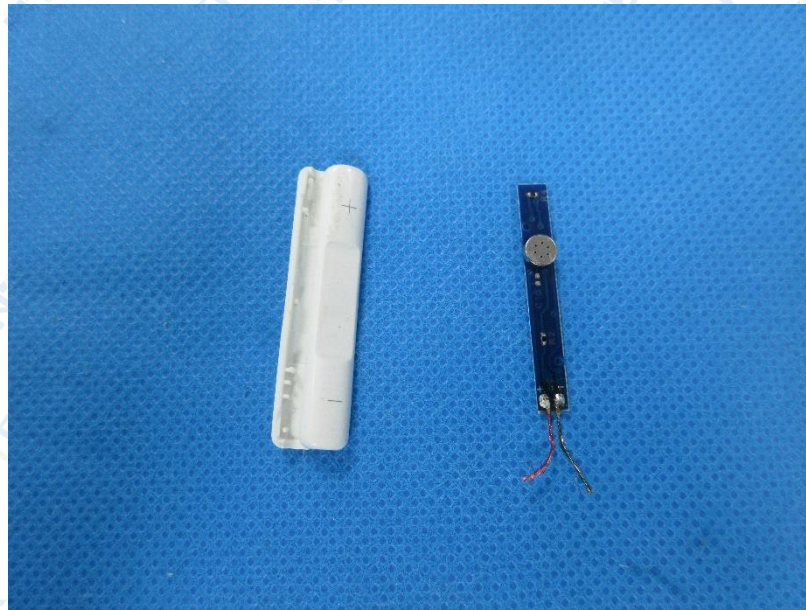


Fig. 85



Fig. 86



Fig. 87

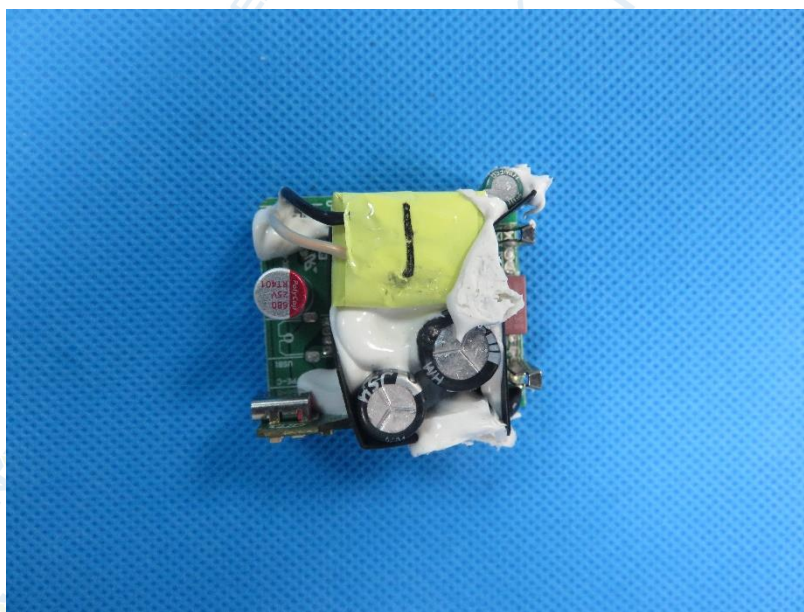


Fig. 88

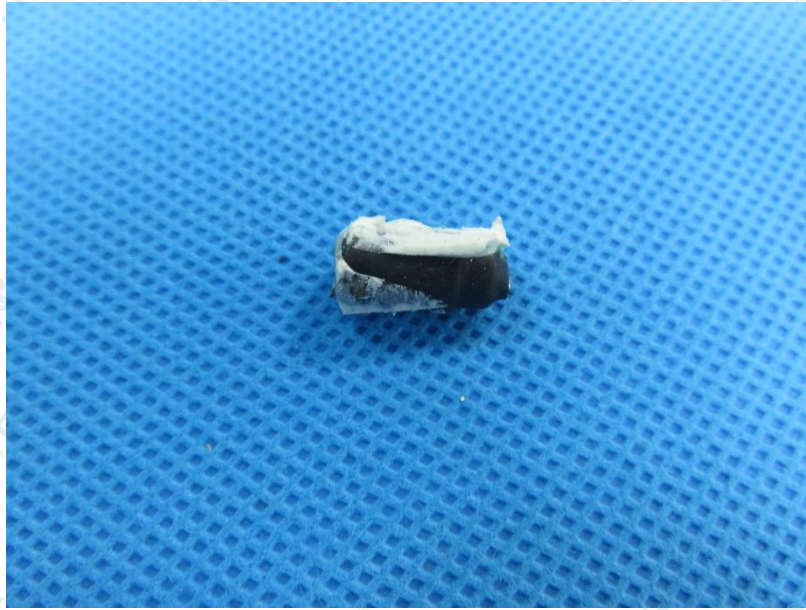


Fig. 89

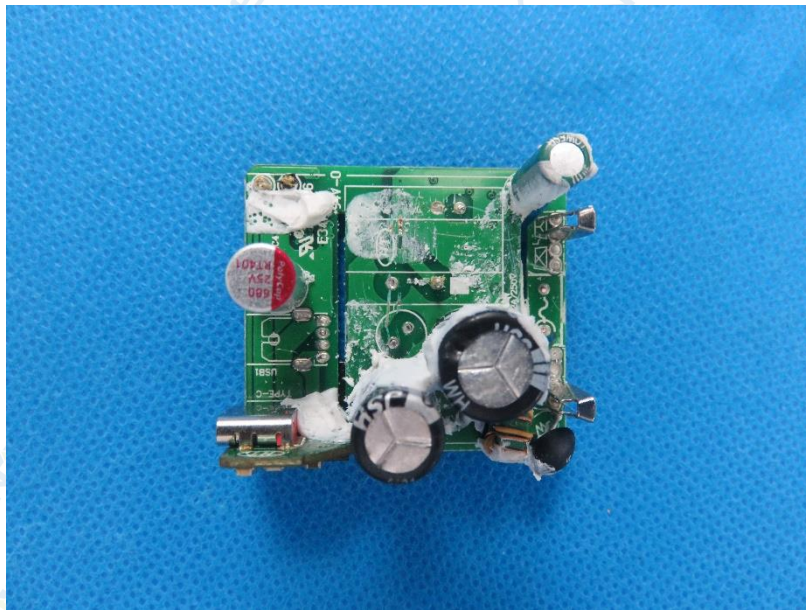


Fig. 90

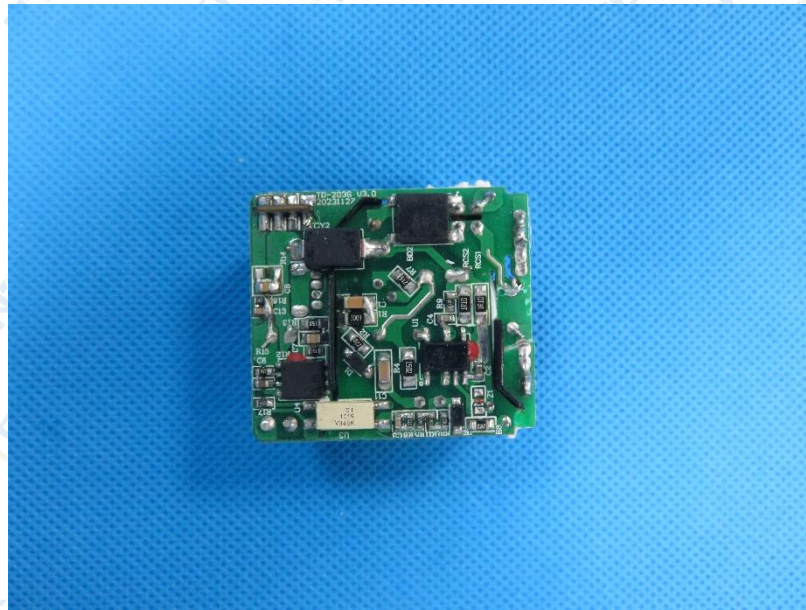


Fig. 91



Fig.92(No.247)

****End of Report****

The test results or data in this report will be used only for education, scientific research, enterprise product development and internal quality control or other purposes.

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of NTEK, this report can't be reproduced except in full.