

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 screen the 241 substances of very high concern(SVHC) under Regulation(EC) No 1907/2006 of REACH in the submitted sample(s).

Summary:

According to the specified scope and evaluation screening, the concentrations of 1,3-propanesultone, Lead, 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol are >0.1%(w/w) in certain component(s), the concentrations of each other SVHCs is ≤ 0.1% (w/w) in the component(s) of submitted sample(s).

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

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

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

Sample Description:

Report No.	Test No.	Sample name	Description
1	1	Shell	Black self plastic frame with orange plastic
2	2		Black plastic frame of black self plastic frame
3	3		Golden metal nut of black self plastic frame
4	4		Golden metal nail of black self 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	23		Black FPC of FPC
22	24		Silver metal screw - large
23	25		Black metal screw - large
24	26		Silver metal screw - small
25	27		Black metal screw - small
26	28		Tarnish metal sheet of keystroke
27	29		Orange metal button of keystroke
28	30		Tarnish metal button of keystroke
29	31		Tarnish body of keystroke
30	32		Transparent black plastic tape of keystroke
31	33		White adhesive tape of keystroke
32	34		Silver metal shrapnel of keystroke
33	35		Yellow FPC of keystroke
34	36		Black soft plastic stopper
35	37	Elliptical LCD	Gray transparent glass
36	38		Silver metal plate
37	39		White plastic frame of silver metal plate

38	40	Elliptical LCD	Transparent plastic plate
39	41		Frosted white plastic
40	42		Silver reflective plastic sheet
41	43		Silver translucent plastic sheet
42	44		Silver plastic sheet
43	45		Black plastic adhesive tape of silver plastic sheet
44	46		Silver gray adhesive fabric
45	47		Yellow FPC
46	50	Screen	Black LCD screen
47	51		Silver metal plate
48	52		Silver black plastic adhesive tape of silver metal plate
49	53		Silver gray foam glue of silver metal plate
50	54		Gray plastic frame of silver metal plate
51	55		Transparent plastic plate
52	56		Silver reflective plastic sheet
53	57		Frosted white plastic
54	58		Gray translucent plastic sheet
55	59		Silver plastic sheet
56	60		Black plastic adhesive tape of silver plastic sheet
57	61		Black FPC
58	62	Receiver	Silver metal frame
59	63		Black foam glue of silver metal frame
60	64		White plastic basin of silver metal frame
61	65		Cupreous metal voice coil of silver metal frame
62	66		Silver metal shell
63	67		Magnet of silver metal shell
64	68		Black plastic frame
65	69		Silver metal contact pin of black plastic frame
66	70		Red wire jacket of black plastic frame
67	71		Black wire jacket of black plastic frame
68	72	Antenna	Golden metal contact pin
69	73		Black wire jacket
70	74		Gray plastic wire jacket
71	75		White wire jacket
72	76		Silver metal mesh of white wire jacket
73	77		White inner wire jacket
74	78		Silver metal wire core of white wire jacket
75	79		Type-C interface
76	80	Silver metal shell	

77	81	Type-C interface	Black rubber ring of silver metal shell
78	82		Black plastic of silver metal shell
79	83		Silver metal pin of silver metal shell
80	84		Yellow FPC
81	85		Tin solder of yellow FPC
82	86		Silver metal plate of yellow FPC
83	87	Vibrating motor	Silver gray double-sided tape
84	88		Silver metal shell
85	89		Magnet of silver metal shell
86	90		Black foam glue of silver metal shell
87	91		White plastic
88	92		Cupreous metal ring
89	93		Cupreous metal coil
90	94		Silver metal block
91	95	Camera	Green PCB
92	96		Silver metal shell
93	97		Black plastic
94	98		Camera lens
95	99		Gray plastic
96	100		Black FPC
97	101		Black soft plastic sleeve
98	102		Gray colloid with adhesive
99	103	Speaker	Silver-black foam tape
100	104		Black plastic shell
101	105		Black metal mesh of black plastic shell
102	106		Black FPC with glue of black plastic shell
103	107		Silver metal shell
104	108		Magnet of silver metal shell
105	109		Silver metal frame
106	110		Silver metal basin of silver metal frame
107	111		Cupreous metal voice coil of silver metal frame
108	112		Black plastic frame
109	113		Tin solder of black plastic frame
110	114	Red wire jacket of black plastic frame	
111	115	Black wire jacket of black plastic frame	
112	116	Motherboard PCBA	Cupreous tape
113	117		Pink colloid of cupreous tape
114	118		Silver metal cover
115	119		Black PCB

116	120	Motherboard PCBA	Gray plastic of gray interface
117	121		Silver metal pin of gray interface
118	122		Black rubber sleeve of infrared module
119	123		Black body of infrared module
120	124		Silver metal contact pin
121	125		Silver metal shell of SIM card slot
122	126		Gray plastic of SIM card slot
123	127		Silver metal contact pin of SIM card slot
124	128		Yellow transparent plastic adhesive tape of SIM card slot
125	129		Black plastic of deck
126	130		Silver metal of deck
127	139		PCBA2-G3331P-WE -E033-USC
128	141	Black&gray plastic of black/gray interface	
129	142	Silver metal pin of black/gray interface	
130	143	PCBA3-G33319-ME- E031-RF-PCB-2404 28	Black PCB
131	144	Battery	Transparent plastic film with glue
132	145		Black plastic adhesive tape
133	146		Black rubber strip with glue
134	147		Green adhesive paper
135	148		Transparent double-sided adhesive
136	149		Black PCB of battery PCB
137	150		Silver metal sheet of battery PCB
138	152		Black FPC of battery PCB
139	153		Blue colloid of battery PCB
140	155	Adapter	White plastic shell with silk lettering
141	156		Silver metal pin of white plastic shell with silk lettering
142	157	Adapter PCBA	Green PCB
143	158		Gray colloid of green PCB
144	159		Black plastic sheet of green PCB
145	160		Silver metal sheet of green PCB
146	161		Transparent double-sided adhesive of green PCB
147	162		Silver metal insert
148	163		Black body of varistor
149	164		Transparent colloid of yellow X capacitor
150	165		Yellow plastic shell of yellow X capacitor
151	166		Inner body of yellow X capacitor
152	167		Pouring sealant of yellow X capacitor
153	168		Red plastic shell of fuse

154	169	Adapter PCBA	Black plastic of fuse	
155	170		Aluminum shell of electrolytic capacitor	
156	171		Cathode foil of electrolytic capacitor	
157	172		Anode foil of electrolytic capacitor	
158	173		Electrolytic paper of electrolytic capacitor	
159	174		Rubber pad of electrolytic capacitor	
160	175		Electrode pin of electrolytic capacitor	
161	176		Black plastic jacket of electrolytic capacitor	
162	177		Yellow plastic adhesive tape of transformer	
163	178		Black plastic sketch of transformer	
164	179		Magnet core of transformer	
165	180		Transparent casing tube of transformer	
166	181		Black casing tube of transformer	
167	182		Varnished wire of transformer	
168	183		Coil of transformer	
169	184		Aluminum shell of C10 electrolytic capacitor	
170	185		Cathode foil of C10 electrolytic capacitor	
171	186		Anode foil of C10 electrolytic capacitor	
172	187		Electrolytic paper of C10 electrolytic capacitor	
173	188		Rubber pad of C10 electrolytic capacitor	
174	189		Electrode pin of C10 electrolytic capacitor	
175	190		Blue body of capacitor	
176	191		Brown plastic jacket of C2 electrolytic capacitor	
177	192		Black plastic casing tube of inductor	
178	193		Magnet core of inductor	
179	194		Coil of inductor	
180	195		Green PCB of insert PCB	
181	196		Silver metal shell of type-c interface	
182	197		Gray plastic of type-c interface	
183	198		Silver metal pin of type-c interface	
184	210		Data cable	White encapsulation of type-c interface
185	211			Silver metal shell of type-c interface
186	212			Translucent plastic of type-c interface
187	213	Beige plastic of type-c interface		
188	214	Gray plastic of type-c interface		
189	215	Silver metal pin of type-c interface		
190	216	Blue PCB of type-c interface		
191	218	White exterior wire jacket		
192	219	Black wire jacket		

193	220	Data cable	Pink wire jacket
194	221		Yellow wire jacket
195	222		Green wire jacket
196	223		White wire jacket
197	224		Cupreous metal wire core
198	225	Earphone	White plastic shell
199	226		Green plastic mesh with adhesive of white plastic shell
200	227		Silver metal basin
201	228		Transparent double-sided adhesive of silver metal basin
202	229		Cupreous metal voice coil
203	230		Silver metal shell
204	231		Magnet of silver metal shell
205	232		Green PCB of silver metal shell
206	234		Black/white adhesive tape of silver metal shell
207	235		White plastic shell of type-c interface
208	236		Silver metal shell of type-c interface
209	237		White encapsulation of type-c interface
210	238		Gray plastic of type-c interface
211	239		Silver metal pin of type-c interface
212	240		Blue PCB of type-c interface
213	242		White plastic shell of regulating switch
214	243		Blue PCB of regulating switch
215	244		Transparent plastic of regulating switch
216	245		Silver metal shrapnel of regulating switch
217	248		Gray encapsulation
218	249		White exterior wire jacket
219	250		Cupreous metal wire core
220	251		Green metal core
221	252	Blue metal core	
222	253	Red metal wire core	
223	254	White fiber	
224	255	Cell	Battery cell (integral mixing)
225	204	Adapter PCBA	SMD diode
226	205		SMD rectifier bridge
227	206		Q1 chip
228	247A	Earphone	Tin solder of regulating switch
229	256	Adapter 2	White plastic shell with lettering
230	257		Silver metal pin of White plastic shell with lettering

231	258	Adapter 2-PCBA	Green PCB
232	259		Rubber pad of EC4 electrolytic capacitor
233	260		Yellow adhesive tape of transformer
234	261		Magnet core of transformer
235	262		Cupreous metal coil of transformer
236	263		Black casing tube of transformer
237	264		Transparent casing tube of transformer
238	265		Varnished wire of transformer
239	266		Black plastic frame of transformer
240	267		Green plastic jacket of EC3 electrolytic capacitor
241	268		Rubber pad of EC3 electrolytic capacitor
242	269		Silver metal frame
243	270		White colloid
244	271		Red plastic shell of fuse
245	272		Fuse
246	273		Black plastic base of fuse
247	274		Black plastic jacket of EC1 electrolytic capacitor
248	275		Aluminum shell of EC1 electrolytic capacitor
249	276		Cathode foil of EC1 electrolytic capacitor
250	277		Anode foil of EC1 electrolytic capacitor
251	278		Electrolytic paper of EC1 electrolytic capacitor
252	279		Electrode pin of EC1 electrolytic capacitor
253	280		Rubber pad of EC1 electrolytic capacitor
254	281		Black plastic sheet
255	282		Black body of resistor
256	283		Metal pin of resistor
257	284		Black plastic jacket of EC2 electrolytic capacitor
258	285		Rubber pad of EC2 electrolytic capacitor
259	286		Black plastic jacket of L1 inductor
260	287	Magnet core of L1 inductor	
261	288	Cupreous metal coil of L1 inductor	
262	289	Cupreous metal coil of LF1 inductor	
263	290	Varnished wire of LF1 inductor	
264	291	Green coating of LF1 inductor	
265	292	Magnet core of LF1 inductor	
266	293	Black plastic frame of LF1 inductor	
267	294	Green PCB of insert PCB	
268	295	Silver metal shell of type-c interface	
269	296	Red plastic of type-c interface	

270	297	Adapter 2-PCBA	Metal plug pin of type-c interface
271	304		Tin solder
272	298		CY2 chip tantalum capacitor
273	299		BD2 Patch rectifier bridge
274	301		D1 SMD diode

Group Description:

Group	No.
T1	1+2+5+8+10+14+17+18+20+21
T2	3
T3	4
T4	6+7+15+16+30+31+43+44+48+49
T5	9+11+35+46
T6	12+13+19+22+23+24+25+26+27+28
T7	29+33+34+37+38+39+40+41+42+45
T8	32+36+47+58+61+62+63+65+68+72
T9	50+51+52+53+54+55+57+60+64+78
T10	56+59+83+86+99+102+112+124+131+134
T11	66+67+69+70+71+73+110+111+184+191
T12	74+75+76+79+81+82+84+85+88+89
T13	77+118+133+159+173
T14	80+87+93+94+95+96+97+100+108+116
T15	90+92+101+103+104+105+106+107+109+114
T16	91+115+127+130+136+142
T17	98+113+139+143
T18	117+120+121+123+126+129+137+141+145+147
T19	119+122+125+128+132+138+140+144+148+150
T20	135+146+162+201+206
T21	149
T22	151+152+153+154+158+161+163+165+166+167
T23	155+156+157+160+164+168+169+170+171+174
T24	172+175+176+177+182+186+187+188+198+199
T25	178+179+181+183+185+189+197+200+202+203
T26	180+190+205+212+214
T27	192+193+194+195+196+209
T28	204+208+211+216+219+220+221+222
T29	207+210+213+215+223
T30	224
T31	225

T32	226
T33	227
T34	228
T35	230
T36	234+235+242+245+248+249+250+252+256
T37	261+262+268+270
T38	260
T39	265
T40	255
T41	267
T42	231
T43	232+241+253+258
T44	229+239+244+246+254+266+269
T45	264
T46	238
T47	263
T48	233
T49	236+237
T50	240+247+257+259
T51	243
T52	251
T53	272
T54	273
T55	274
T56	217
T56	218

Test Result(s):

Batch	No.	Test item(s)	CAS No.	Result(s),%		RL (%)
				T1		
/	/	All tested SVHC in candidate list	/	N.D.		/

Batch	No.	Test item(s)	CAS No.	Result(s),%		RL (%)
				T2	T3	
XIX	189	Lead	7439-92-1	2.527	2.227	0.010
/	/	Other tested SVHC in candidate list	/	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T4	T5	T6	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T7	T8	T9	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T10	T11	T12	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T13	T14	T15	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T16	T17	T18	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T19	T20	T21	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T22	T23	T24	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T25	T26	T27	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%		RL (%)
				T28	T29	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%	RL (%)
				T30	
XIV	164	1,3-propanesultone	1120-71-4	1.507	0.050
/	/	Other tested SVHC in candidate list	/	N.D.^	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T31	T32	T33	
XIX	189	Lead	7439-92-1	3.391	2.993	4.989	0.010
/	/	Other tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%	RL (%)
				T34	
/	/	All tested SVHC in candidate list	/	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T35	T36	T37	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T38	T39	T40	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T41	T42	T43	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T44	T45	T46	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T47	T48	T49	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T50	T51	T52	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T53	T54	T55	
XIX	189	Lead	7439-92-1	6.080	2.987	4.165	0.010
/	/	Other tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%		RL (%)
				T56	T57	
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	0.089	0.261	0.050
/	/	Other tested SVHC in candidate list	/	N.D.	N.D.	/

All tested SVHC in candidate list:

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
I	1	Anthracene	120-12-7	204-371-1	0.050
I	2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	0.050
I	3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	0.050
I	4	Cobalt dichloride*	7646-79-9	231-589-4	0.010
I	5	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.010
I	6	Diarsenic trioxide*	1327-53-3	215-481-4	0.010
I	7	Sodium dichromate*	7789-12-0/ 10588-01-9	234-190-3	0.010
I	8	Musk xylene	81-15-2	201-329-4	0.050
I	9	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.050
I	10	Hexabromocyclododecane (HBCDD)	25637-99-4/ 3194-55-6	247-148-4/ 221-695-9	0.050
I	11	ShortChain ChlorinatedParaffins(SCCPs)	85535-84-8	287-476-5	0.050
I	12	Bis(tributyltin)oxide (TBTO)*	56-35-9	200-268-0	0.050
I	13	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.010
I	14	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	0.050
I	15	Triethyl arsenate*	15606-95-8	427-700-2	0.010
II	16	^① Anthracene oil	90640-80-5	292-602-7	0.050
II	17	^① Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.050
II	18	^① Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.050
II	19	^① Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.050
II	20	^① Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.050
II	21	^① Coal tar pitch, high temperature	65996-93-2	266-028-2	0.050
II	22	Acrylamide	79-06-1	201-173-7	0.050
II	23	2,4-Dinitrotoluene	121-14-2	204-450-0	0.050
II	24	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.050
II	25	^② Lead chromate	7758-97-6	231-846-0	0.010
II	26	^② Lead chromate molybdate sulphateRed (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.010
II	27	^② Lead sulfochromate yellow(C.I. Pigment Yellow 34)	1344-37-2	215-693-7	0.010
II	28	Tris(2-chloroethyl)phosphate (TCEP)	115-96-8	204-118-5	0.050
III	29	Trichloroethylene	79-01-6	201-167-4	0.050
III	30	^③ Boric acid*	10043-35-3/ 11113-50-1	233-139-2/ 234-343-4	0.010

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
III	31	^③ Disodium tetraborate, anhydrous*	1330-43-4/ 12179-04-3/ 1303-96-4	215-540-4	0.010
III	32	^③ Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	0.010
III	33	Sodium chromate*	7775-11-3	231-889-5	0.010
III	34	Potassium chromate*	7789-00-6	232-140-5	0.010
III	35	Ammonium dichromate*	7789-09-5	232-143-1	0.010
III	36	Potassium dichromate*	7778-50-9	231-906-6	0.010
IV	37	Cobalt(II) sulphate*	10124-43-3	233-334-2	0.010
IV	38	Cobalt(II) dinitrate*	10141-05-6	233-402-1	0.010
IV	39	Cobalt(II) carbonate*	513-79-1	208-169-4	0.010
IV	40	Cobalt(II) diacetate*	71-48-7	200-755-8	0.010
IV	41	2-Methoxyethanol	109-86-4	203-713-7	0.050
IV	42	2-Ethoxyethanol	110-80-5	203-804-1	0.050
IV	43	Chromium trioxide*	1333-82-0	215-607-8	0.010
IV	44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5/ 13530-68-2	231-801-5/ 236-881-5	0.010
V	45	2-ethoxyethyl acetate	111-15-9	203-839-2	0.050
V	46	Strontium chromate*	7789-06-2	232-142-6	0.010
V	47	^① 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.050
V	48	Hydrazine	7803-57-8/ 302-01-2	206-114-9	0.050
V	49	1-methyl-2-pyrrolidone	872-50-4	212-828-1	0.050
V	50	1,2,3-trichloropropane	96-18-4	202-486-1	0.050
V	51	^① 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.050
VI	52	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.010
VI	53	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8	0.010
VI	54	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	0.010
VI	55	^② Aluminosilicate Refractory Ceramic Fibres (RCF) **	/	/	0.010
VI	56	^② Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	/	/	0.010

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
VI	57	^① Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	0.050
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	0.050
VI	59	2-Methoxyaniline (o-Anisidine)	90-04-0	201-963-1	0.050
VI	60	4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	140-66-9	205-426-2	0.050
VI	61	1,2-Dichloroethane	107-06-2	203-458-1	0.050
VI	62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	0.050
VI	63	Arsenic acid*	7778-39-4	231-901-9	0.010
VI	64	Calcium arsenate*	7778-44-1	231-904-5	0.010
VI	65	Trilead diarsenate*	3687-31-8	222-979-5	0.010
VI	66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	0.050
VI	67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	0.050
VI	68	Phenolphthalein	77-09-8	201-004-7	0.050
VI	69	Lead diazide*	13424-46-9	236-542-1	0.010
VI	70	Lead 2,4,6-trinitro-m-phenylene dioxide (Lead styphnate)*	15245-44-0	239-290-0	0.010
VI	71	Lead dipicrate*	6477-64-1	229-335-2	0.010
VII	72	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	203-977-3	0.050
VII	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	0.050
VII	74	^③ Diboron trioxide*	1303-86-2	215-125-8	0.010
VII	75	Formamide	75-12-7	200-842-0	0.050
VII	76	Lead(II) bis methanesulfonate*	17570-76-2	401-750-5	0.010
VII	77	TGIC(1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	0.050
VII	78	β -TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	423-400-0	0.050
VII	79	4,4'-bis(dimethylamino) benzophenone (Michler's ketone)	90-94-8	202-027-5	0.050
VII	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	0.050
VII	81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride(C.I. Basic Violet 3)	548-62-9	208-953-6	0.050

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
VII	82	[4-[[4-anilino-1-naphthyl] [4-(dimethylamino)phenyl]methylene]cycl ohexa-2,5- dien-1-ylidene] dimethylammonium chloride(C.I. Basic Blue 26)	2580-56-5	219-943-6	0.050
VII	83	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C .I. Solvent Blue 4)	6786-83-0	229-851-8	0.050
VII	84	4,4'-bis(dimethylamino)-4''-(methylamino)t rityl alcohol	561-41-1	209-218-2	0.050
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	0.050
VIII	86	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	/	/	0.050
VIII	87	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	0.050
VIII	88	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	/	/	0.050
VIII	89	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	0.050
VIII	90	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	0.050
VIII	91	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane- 1,2- dicarboxylic anhydride, trans- cyclohexane-1,2-dicarboxylic anhydride	85-42-7/ 13149-00-3/ 14166-21-3	201-604-9/ 236-086-3/ 238-009-9	0.050
VIII	92	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0/ 19438-60-9/ 48122-14-1/ 57110-29-9	247-094-1/ 243-072-0/ 256-356-4/ 260-566-1	0.050
VIII	93	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	0.050
VIII	94	Diisopentylphthalate(DIPP)	605-50-5	210-088-4	0.050

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
VIII	95	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	0.050
VIII	96	N-pentyl-isopentylphthalate	776297-69-9	/	0.050
VIII	97	Methoxyacetic acid	625-45-6	210-894-6	0.050
VIII	98	Tricosafuorododecanoic acid	307-55-1	206-203-2	0.050
VIII	99	1,2-Diethoxyethane	629-14-1	211-076-1	0.050
VIII	100	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	0.050
VIII	101	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	0.050
VIII	102	N-methylacetamide	79-16-3	201-182-6	0.050
VIII	103	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	0.010
VIII	104	Biphenyl-4-ylamine	92-67-1	202-177-1	0.050
VIII	105	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	0.050
VIII	106	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	0.010
VIII	107	Lead dinitrate*	10099-74-8	233-245-9	0.010
VIII	108	Tetralead trioxide sulphate*	12202-17-4	235-380-9	0.010
VIII	109	Lead monoxide (lead oxide)*	1317-36-8	215-267-0	0.010
VIII	110	Lead titanium trioxide*	12060-00-3	235-038-9	0.010
VIII	111	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	0.050
VIII	112	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	0.010
VIII	113	Dimethyl sulphate	77-78-1	201-058-1	0.050
VIII	114	Furan	110-00-9	203-727-3	0.050
VIII	115	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	0.010
VIII	116	Tetraethyllead*	78-00-2	201-075-4	0.010
VIII	117	[Phthalato(2-)]dioxotrilead*	69011-06-9	273-688-5	0.010
VIII	118	Diethyl sulphate	64-67-5	200-589-6	0.050
VIII	119	Lead cyanamidate*	20837-86-9	244-073-9	0.010
VIII	120	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped*	68784-75-8	272-271-5	0.010
VIII	121	Trilead dioxide phosphonate*	12141-20-7	235-252-2	0.010
VIII	122	o-Toluidine	95-53-4	202-429-0	0.050
VIII	123	o-aminoazotoluene	97-56-3	202-591-2	0.050
VIII	124	4-aminoazobenzene	60-09-3	200-453-6	0.050
VIII	125	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	0.050
VIII	126	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	0.050
VIII	127	Lead titanium zirconium oxide*	12626-81-2	235-727-4	0.010
VIII	128	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.050

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
VIII	129	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.050
VIII	130	Trilead bis(carbonate)dihydroxide*	1319-46-6	215-290-6	0.010
VIII	131	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	0.010
VIII	132	Orange lead (lead tetroxide)*	1314-41-6	215-235-6	0.010
VIII	133	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	0.010
VIII	134	4,4'-oxydianiline and its salts	101-80-4	202-977-0	0.050
VIII	135	Lead oxide sulfate*	12036-76-9	234-853-7	0.010
VIII	136	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	0.010
VIII	137	Silicic acid, lead salt*	11120-22-2	234-363-3	0.010
VIII	138	N,N-dimethylformamide	68-12-2	200-679-5	0.050
IX	139	Cadmium	7440-43-9	231-152-8	0.010
IX	140	Cadmium oxide*	1306-19-0	215-146-2	0.010
IX	141	Dipentyl phthalate (DPP)	131-18-0	205-017-9	0.050
IX	142	4-Nonylphenol, branched and linear, ethoxylated[substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	/	/	0.050
IX	143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	0.050
IX	144	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	0.050
X	145	^① Trixylyl phosphate	25155-23-1	246-677-8	0.050
X	146	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	0.050
X	147	Dihexyl phthalate	84-75-3	201-559-5	0.050
X	148	Cadmium sulphide*	1306-23-6	215-147-8	0.010
X	149	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	0.050
X	150	Lead di(acetate)*	301-04-2	206-104-4	0.010
X	151	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	0.050

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.050
XI	153	Cadmium chloride	10108-64-2	233-296-7	0.010
XI	154	^③ Sodium peroxometaborate perboric acid, sodium salt*	/	239-172-9/ 234-390-0	0.010
XI	155	^③ Sodium peroxometaborate*	7632-04-4	231-556-4	0.010
XII	156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.050
XII	157	2-(2'-Hydroxy-3',5'-di-tert-butylphenyl)benzotriazole (UV-320)	3846-71-7	223-346-6	0.050
XII	158	Cadmium fluoride*	7790-79-6	232-222-0	0.010
XII	159	Cadmium sulphate*	10124-36-4/ 31119-53-6	233-331-6	0.010
XII	160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate; DOTE	15571-58-1	239-622-4	0.050
XII	161	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyloxy)-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	/	/	0.050
XIII	162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5/ 68648-93-1	271-094-0/ 272-013-1	0.050
XIII	163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	/	/	0.050
XIV	164	1,3-propanesultone	1120-71-4	214-317-9	0.050
XIV	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.050

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
XIV	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	0.050
XIV	167	Nitrobenzene	98-95-3	202-716-0	0.050
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1/ 21049-39-8/ 4149-60-4	206-801-3	0.050
XV	169	Benzo[def]chrysene	50-32-8	200-028-5	0.050
XVI	170	Bisphenol(BPA)	80-05-7	201-245-8	0.050
XVI	171	4-Heptylphenol, branched and linear (substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof)	/	/	0.050
XVI	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7/ 335-76-2/ 3830-45-3	206-400-3/ 221-470-5	0.050
XVI	173	4-tert-amylphenol	80-46-6	201-280-9	0.050
XVII	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	/	/	0.050
XVIII	175	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	13560-89-9/ 135821-74-8/ 135821-03-3	/	0.050
XVIII	176	Benzo[a]anthracene	56-55-3	200-280-6	0.050
XVIII	177	Cadmium nitrate*	10325-94-7	233-710-6	0.010
XVIII	178	Cadmium carbonate*	513-78-0	208-168-9	0.010
XVIII	179	Cadmium hydroxide*	21041-95-2	244-168-5	0.010
XVIII	180	Chrysene	218-01-9	205-923-4	0.050
XVIII	181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branched and linear]	/	/	0.050
XIX	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride, TMA)	552-30-7	209-008-0	0.050
XIX	183	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.050

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
XIX	184	Benzo[ghi]perylene	191-24-2	205-883-8	0.050
XIX	185	Decamethylcyclotrasiloxane (D5)	541-02-6	208-764-9	0.050
XIX	186	^③ Disodium octaborate*	12008-41-2	234-541-0	0.010
XIX	187	Dodecamethylcyclotrasiloxane (D6)	540-97-6	208-762-8	0.050
XIX	188	Ethylenediamine (EDA)	107-15-3	203-468-6	0.050
XIX	189	Lead	7439-92-1	231-100-4	0.010
XIX	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	0.050
XIX	191	Terphenyl, hydrogenated	61788-32-7	262-967-7	0.050
XX	192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	239-139-9	0.050
XX	193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	0.050
XX	194	Benzo[k]fluoranthene	207-08-9	205-916-6	0.050
XX	195	Fluoranthene	206-44-0	205-912-4	0.050
XX	196	Phenanthrene	85-01-8	201-581-5	0.050
XX	197	Pyrene	129-00-0	204-927-3	0.050
XXI	198	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	/	/	0.050
XXI	199	4-tert-butylphenol	98-54-4	202-679-0	0.050
XXI	200	2-methoxyethyl acetate	110-49-6	203-772-9	0.050
XXI	201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides(covering any of their individual isomers and combinations thereof)	/	/	0.050
XXII	202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	0.050
XXII	203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	0.050
XXII	204	Diisohexyl phthalate	71850-09-4	276-090-2	0.050
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	/	/	0.050
XXIII	206	1-vinylimidazole	1072-63-5	214-012-0	0.050
XXIII	207	2-methylimidazole	693-98-1	211-765-7	0.050
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.050
XXIII	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	0.050
XXIV	210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	0.050

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
XXIV	211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	/	/	0.050
XXV	212	1,4-dioxane	123-91-1	204-661-8	0.050
XXV	213	2,2-bis(bromomethyl)propane 1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0/ 36483-57-5, 1522-92-5/ 96-13-9	221-967-7/ 253-057-0/ 202-480-9	0.050
XXV	214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	/	/	0.050
XXV	215	4,4'-(1-methylpropylidene) bisphenol (bisphenol B)	77-40-7	201-025-1	0.050
XXV	216	Glutaral	111-30-8	203-856-5	0.050
XXV	217	Medium-chain chlorinated paraffins (MCCP) [UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17]	/	/	0.050
XXV	218	[®] Orthoboric acid, sodium salt (Group) *	/	/	0.010
XXV	219	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)	/	/	0.050
XXVI	220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	/	/	0.050
XXVI	221	6,6'-di-tert-butyl-2,2'-methylene di-p-cresol	119-47-1	204-327-1	0.050
XXVI	222	S-(tricyclo[5.2.1.0 ^{2,6}]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8	401-850-9	0.050
XXVI	223	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	213-934-0	0.050
XXVII	224	N-(hydroxymethyl)acrylamide	924-42-5	213-103-2	0.050

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
XXVIII	225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1	253-692-3	0.050
XXVIII	226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	201-236-9	0.050
XXVIII	227	4,4'-sulphonyldiphenol	80-09-1	201-250-5	0.050
XXVIII	228	[®] Barium diboron tetraoxide*	13701-59-2	237-222-4	0.010
XXVIII	229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	/	/	0.050
XXVIII	230	Isobutyl 4-hydroxybenzoate	4247-02-3	224-208-8	0.050
XXVIII	231	Melamine	108-78-1	203-615-4	0.050
XXVIII	232	Perfluoroheptanoic acid and its salts	/	/	0.050
XXVIII	233	Reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropyl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	/	473-390-7	0.050
XXIX	234	Diphenyl(2,4,6-trimethylbenzoyl) phosphine oxide	75980-60-8	278-355-8	0.050
XXIX	235	Bis(4-chlorophenyl) sulphone	80-07-9	201-247-9	0.050
XXX	236	2,4,6-tri-tert-butylphenol	732-26-3	211-989-5	0.050
XXX	237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol	3147-75-9	221-573-5	0.050
XXX	238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	438-340-0	0.050
XXX	239	Bumetizole	3896-11-5	223-445-4	0.050
XXX	240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	/	700-960-7	0.050
XXXI	241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	201-279-3	0.050

Test Method:

With reference to NTEK in-house method, Analysis is performed by Liquid Chromatography Mass Spectrometry/ Mass Spectrometry (LC-MS/MS), Gas Chromatography and Mass Spectrometry (GC-MS), headspace GC-MS, Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES), UV-Vis spectrophotometer.

Note:

1. “%” =percent by weight, 0.1% = 1000 mg/kg =1000 ppm
2. RL = Report Limit, N.D. = Not Detected (<RL), / = Not Regulated or Not Applicable
3. *: Concentration value of the substance by the conversion from the test results of certain elements.
Concentration value of Bis(tributyltin)oxide by the conversion from the test results of Tributyl Tins.
4. **: All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation (Regulation (EC) No 1272/2008).
5. ①: In view of the substances are established as UVCB substances (substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances.
6. ②: In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of therepresentative compounds are calculated based on the result of specified heavy metal elements.
7. ③: Concentration value of Boric acid; Disodium tetraborate, anhydrous; Tetraboron disodium heptaoxide, hydrate; Diboron trioxide; Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate; Disodium octaborate; Orthoboric acid, sodium salt (Group) ; Barium diboron tetraoxide is calculated by the conversion from the test results of certain elements and confirmed by appropriate solvent extraction, meanwhile the book of materials is suggested to be checked for further confirmation.
8. REACH regulations related to obligations
 - (a) The chemical analysis of SVHC is performed by means of currently available analytical Techniques against the list published by ECHA, and shall refer to <http://echa.europa.eu/web/guest/candidate-list-table>. This list is under evaluation by ECHA and may subject to change in the future;
 - (b) Concerning article(s):

Notification: In accordance with Regulation (EC) No 1907/2006, any producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (i) the substance is present in those articles in quantities totaling over one tonne per producer or importer per year; and (ii) the substance is present in those articles above a concentration of 0.1% weight by weight (w/w);

Inform: Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with

sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance;

(c) Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article. If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

(d) Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and No 790/2009, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC) No 1907/2006.

9. In the "Key Tips for Successful Submission of SCIP Notifications" published by ECHA in December 2020, it was clarified that boron compounds (e.g. boron trioxide, boric acid, disodium tetraborate) and lead compounds (e.g. lead oxide) used in the production of glass may not be present in these forms in the final glass products, and companies are not required to submit SCIP notifications for these items and are not required to comply with the information transmission obligations under Article 33 of the REACH Regulation. However, it is the responsibility of the company to confirm that the boron and lead compounds in the production process are completely converted into glass substances.

Remark:

1. ^As the client's declaration, the samples do not contain Cobalt compounds on the SVHC Candidate List.
2. Part No.228 Resubmitted Date: Sep. 19, 2024.

Sample photo(s):



Fig.1(Finished photo)



Fig.2(Finished photo)



Fig.3

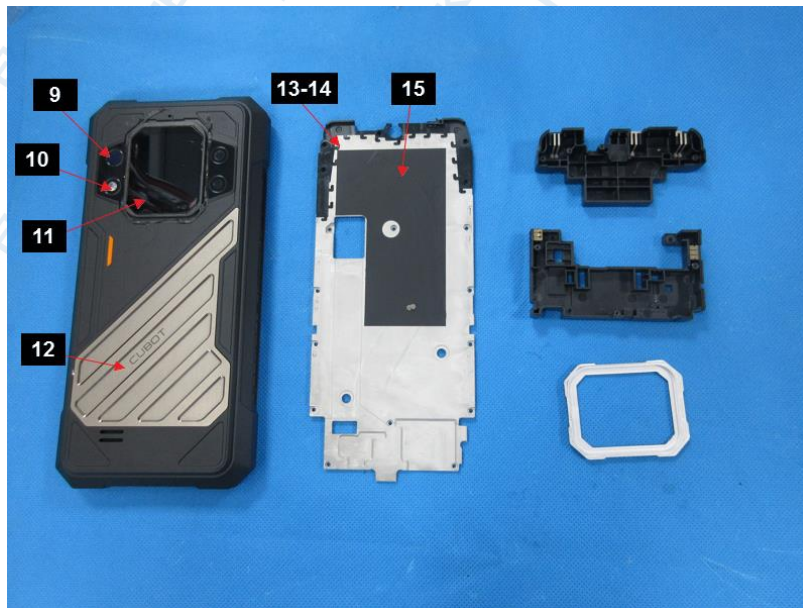


Fig.4



Fig.5

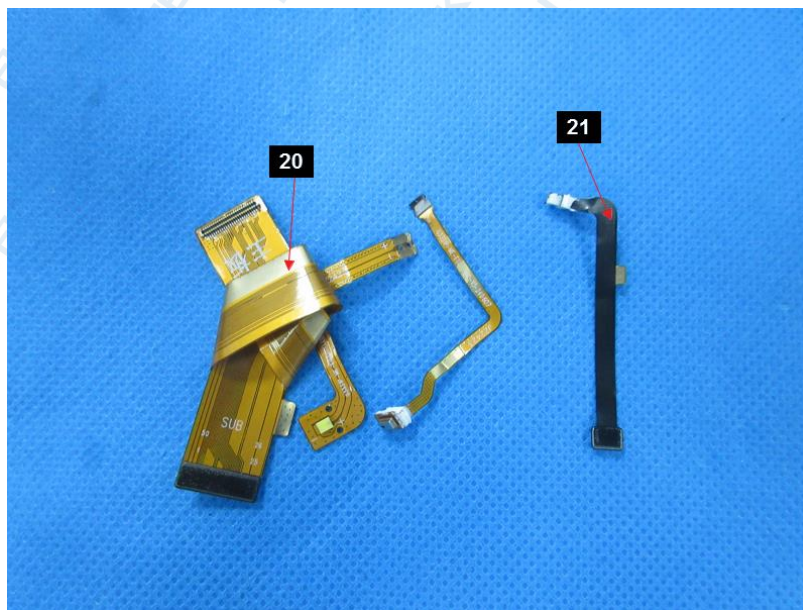


Fig.6

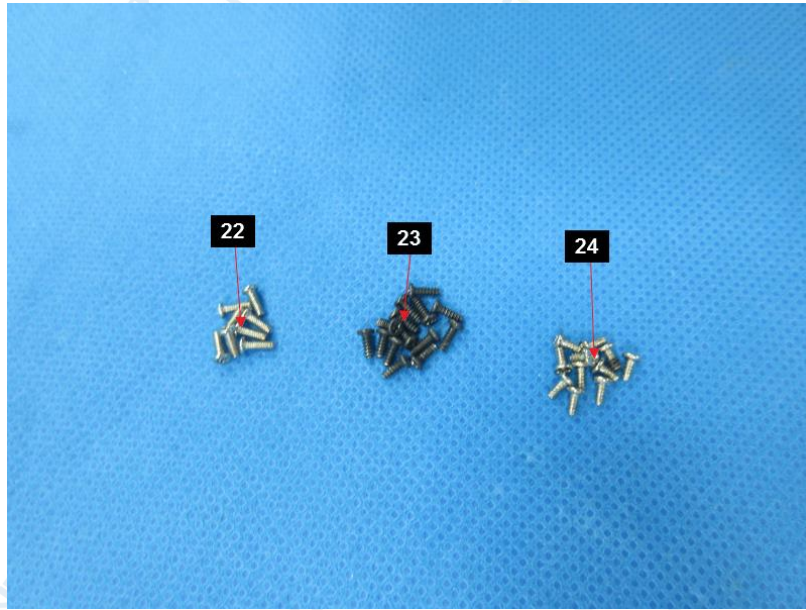


Fig.7

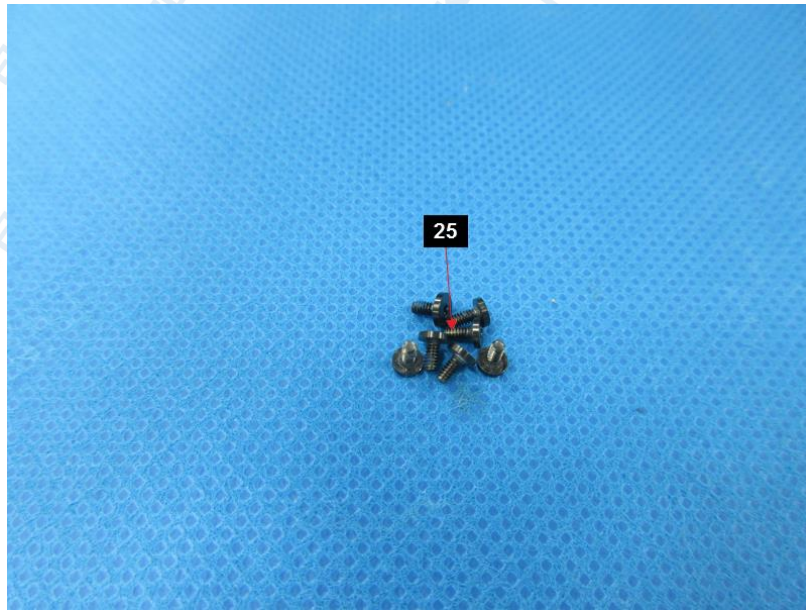


Fig.8

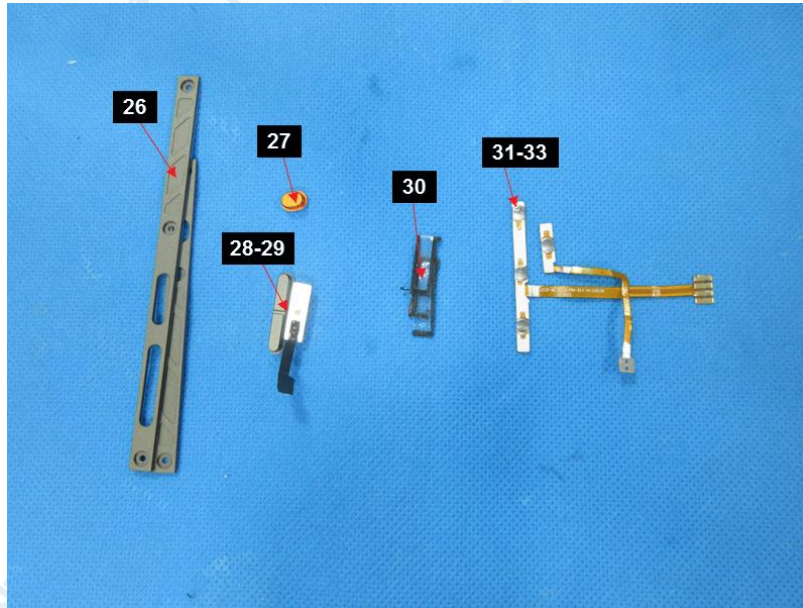


Fig.9



Fig.10



Fig.11



Fig.12

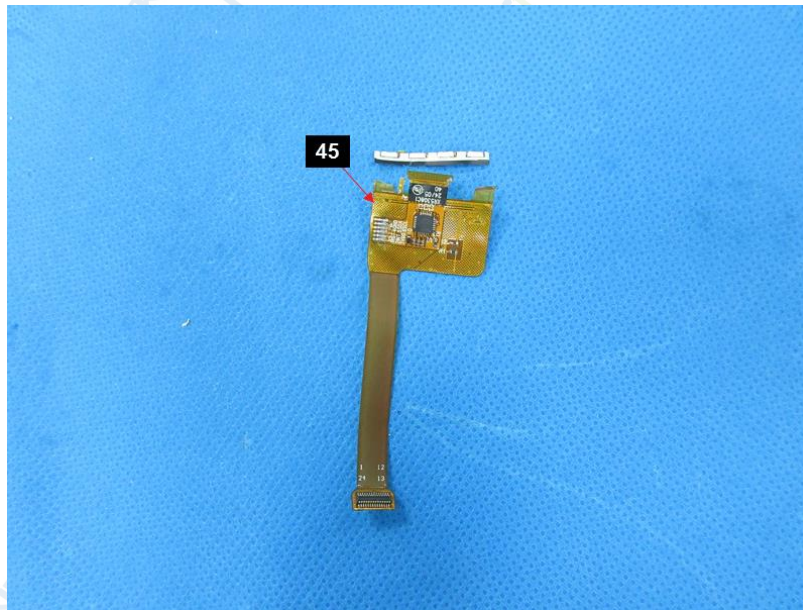


Fig.13



Fig.14

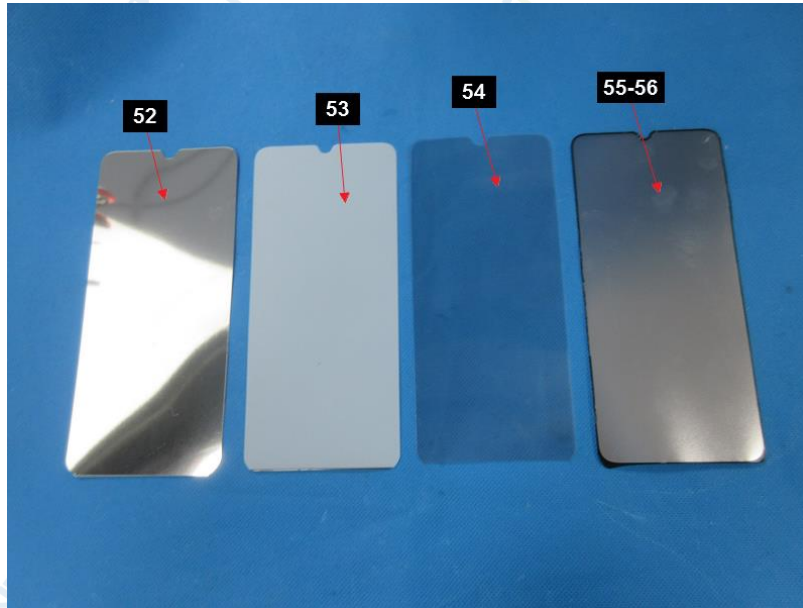


Fig.15

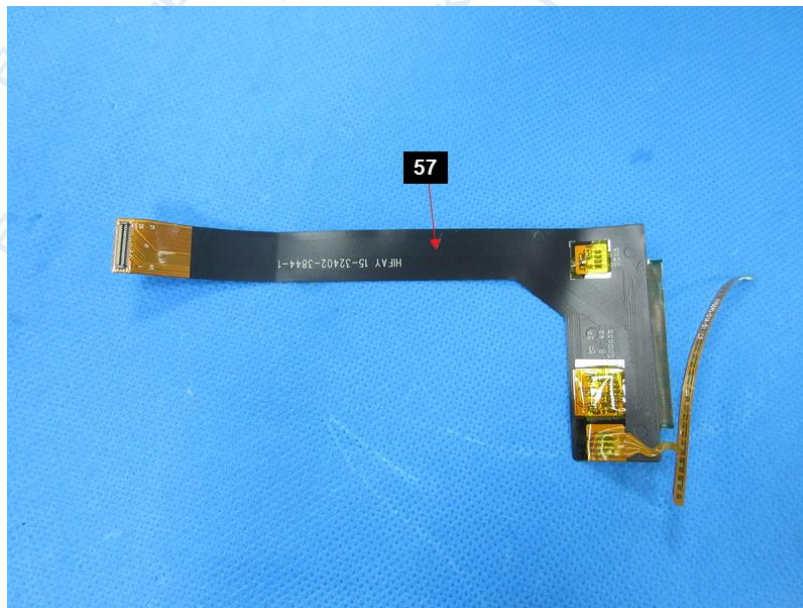


Fig.16

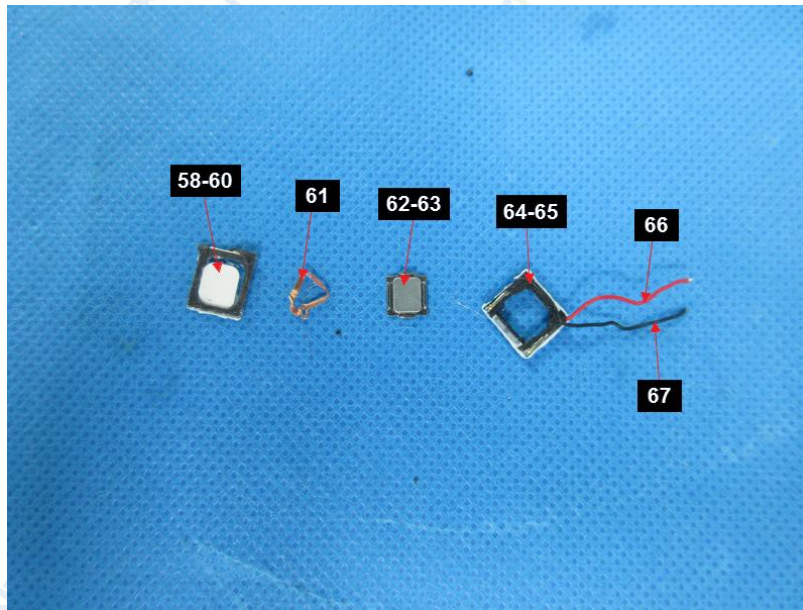


Fig.17

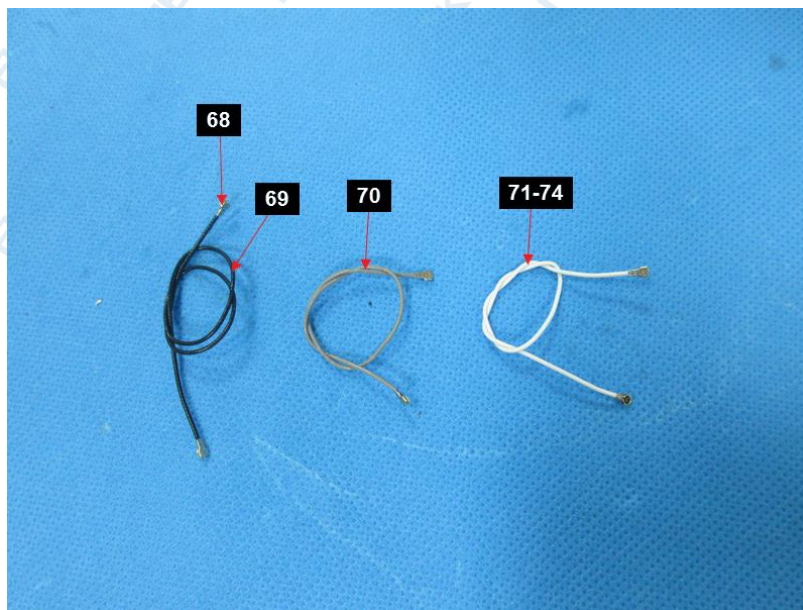


Fig.18

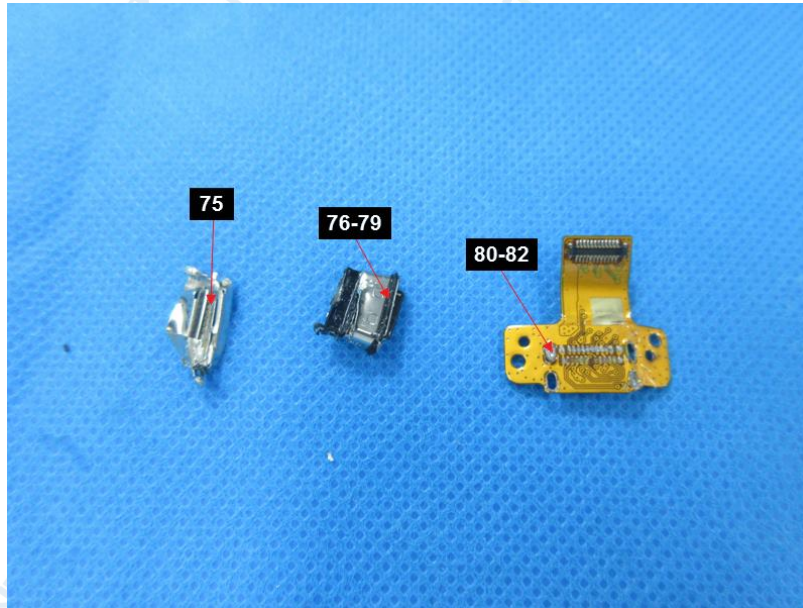


Fig.19

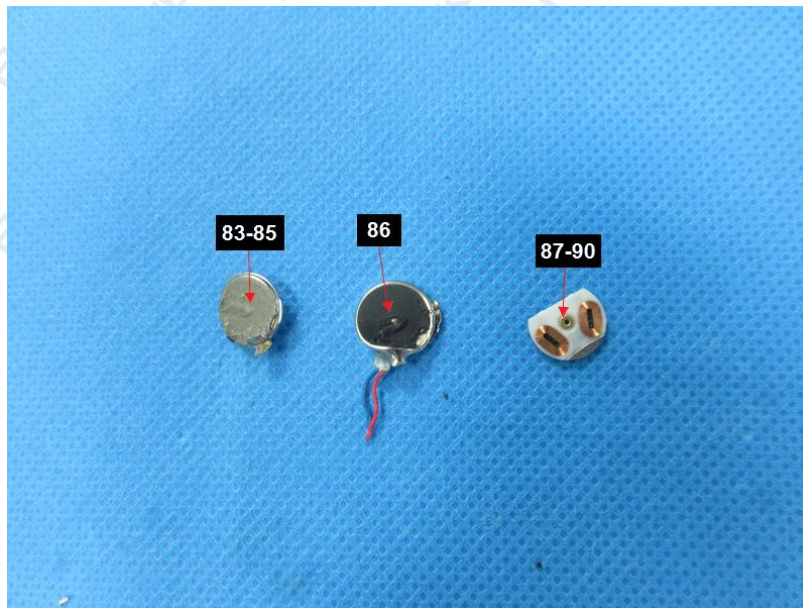


Fig.20

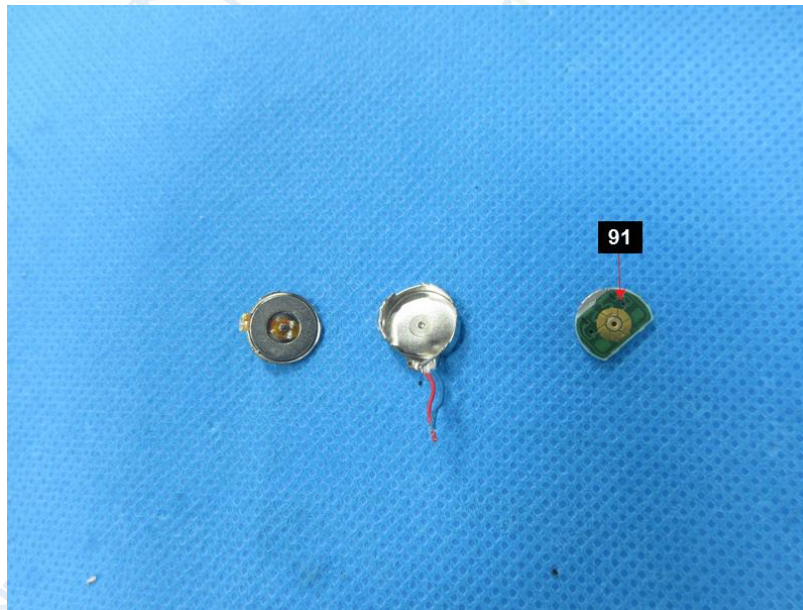


Fig.21



Fig.22

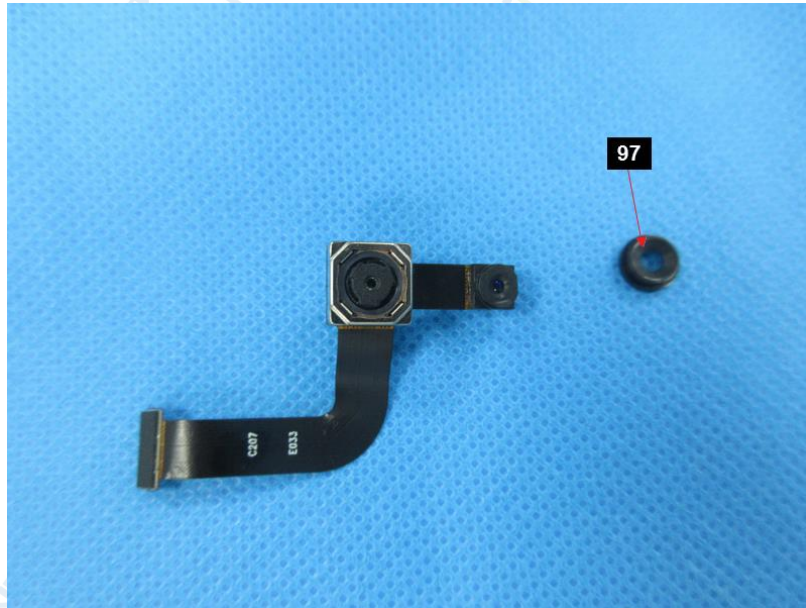


Fig.23

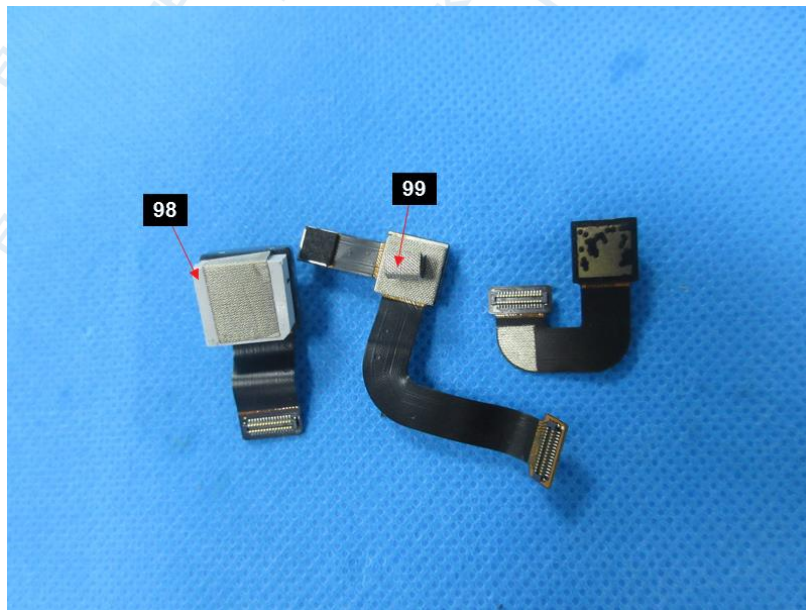


Fig.24

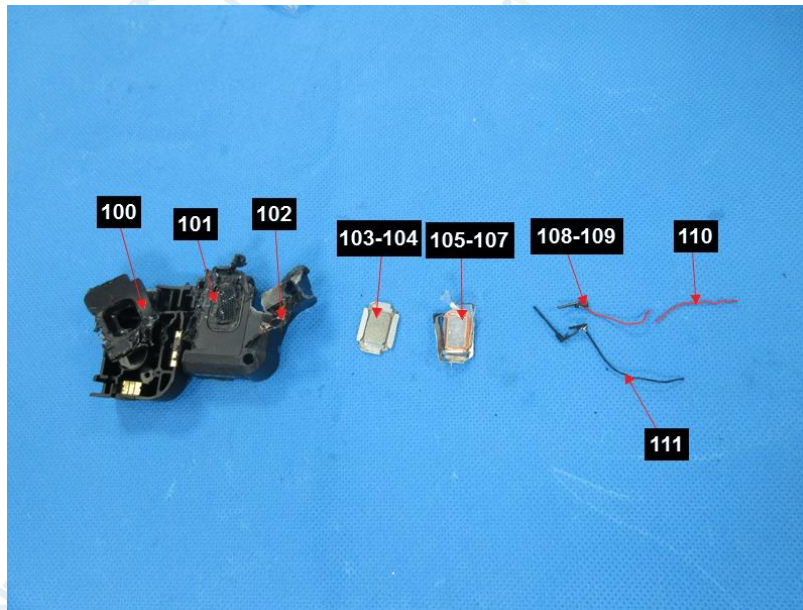


Fig.25

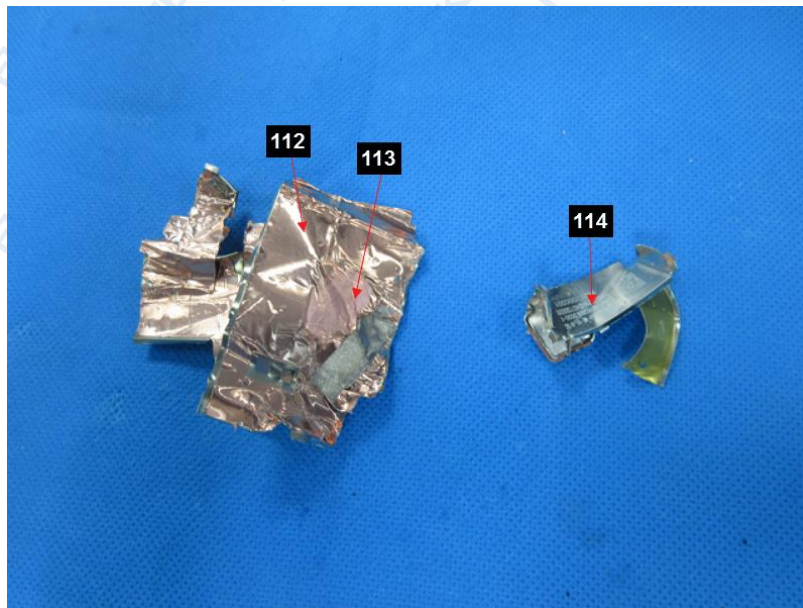


Fig.26

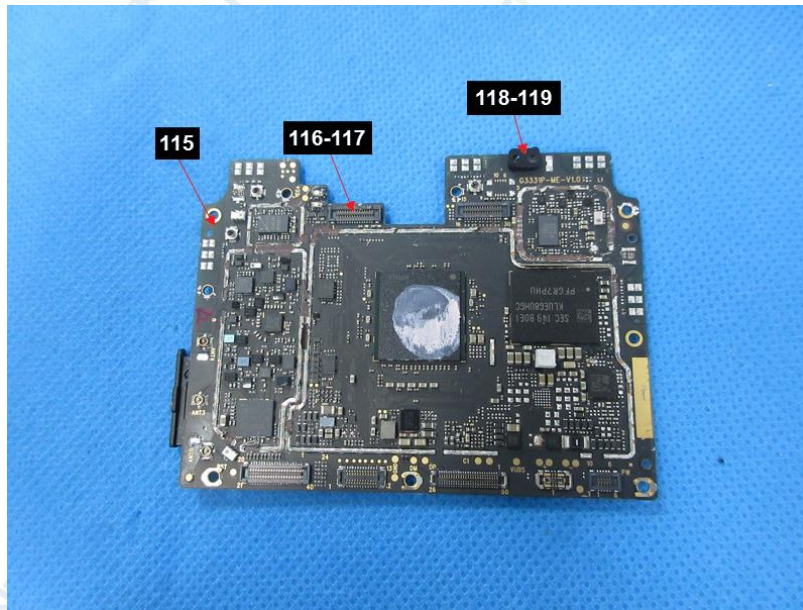


Fig.27

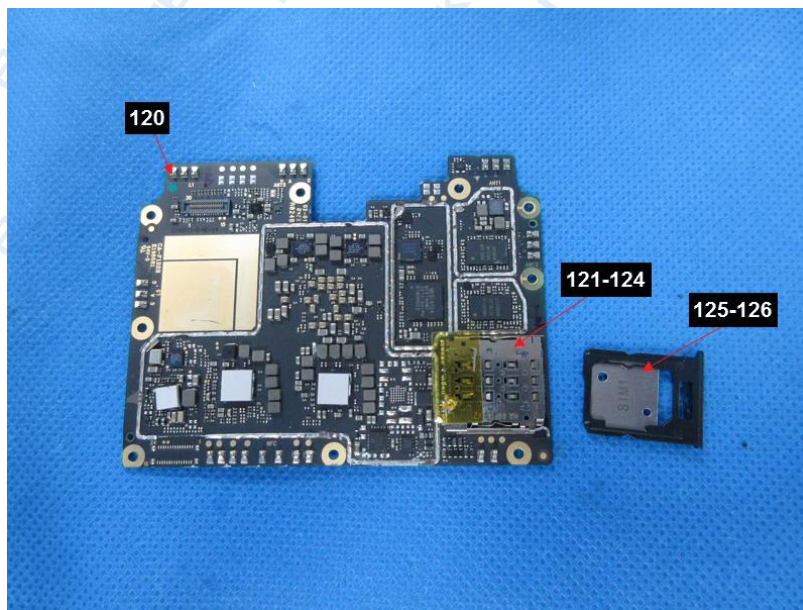


Fig.28

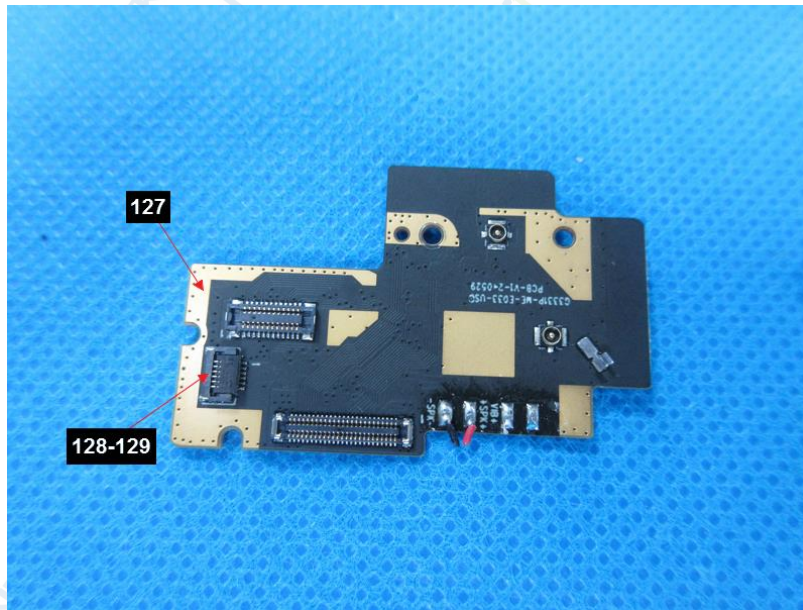


Fig.29

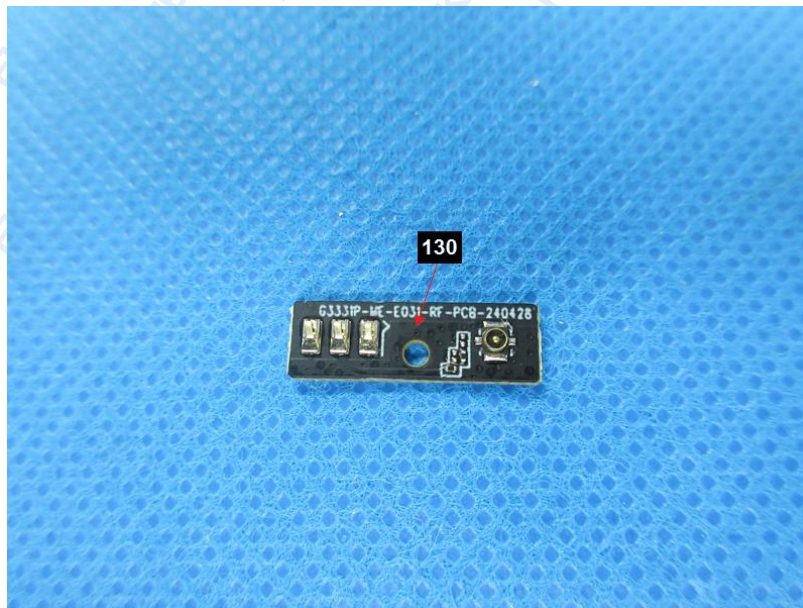


Fig.30

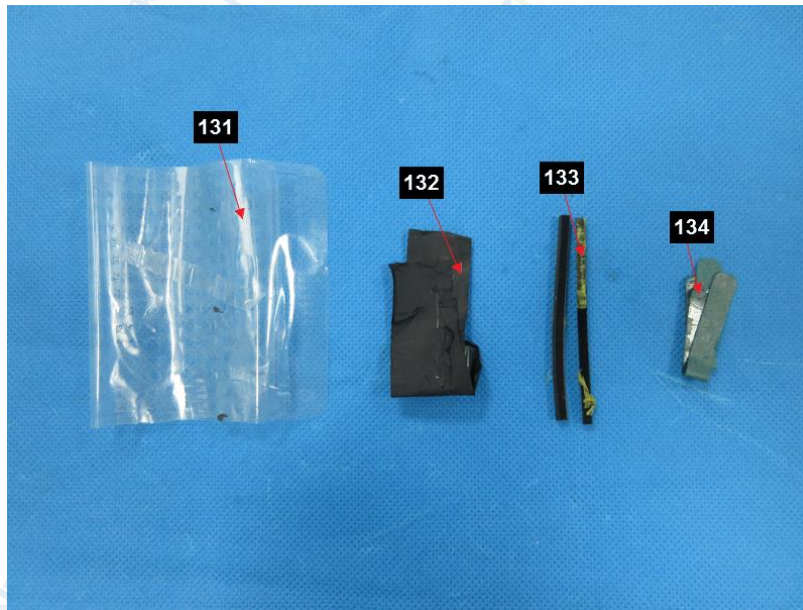


Fig.31

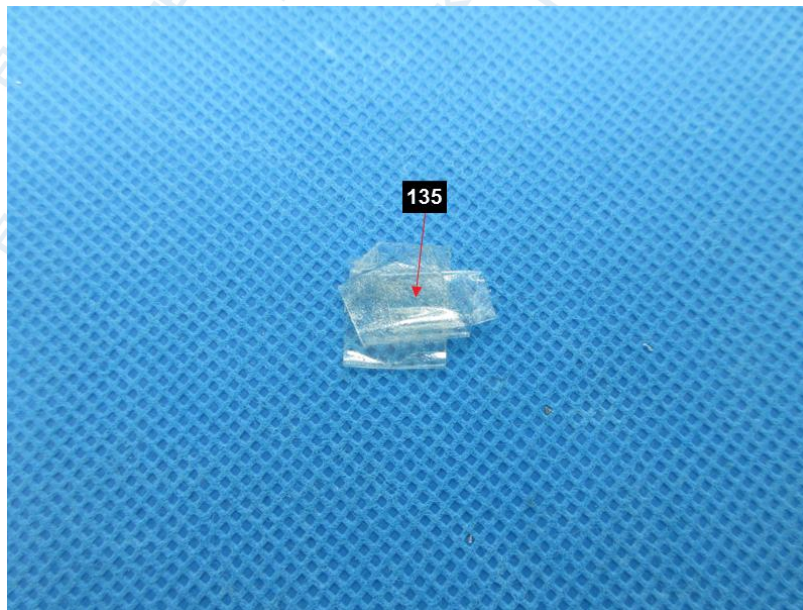


Fig.32

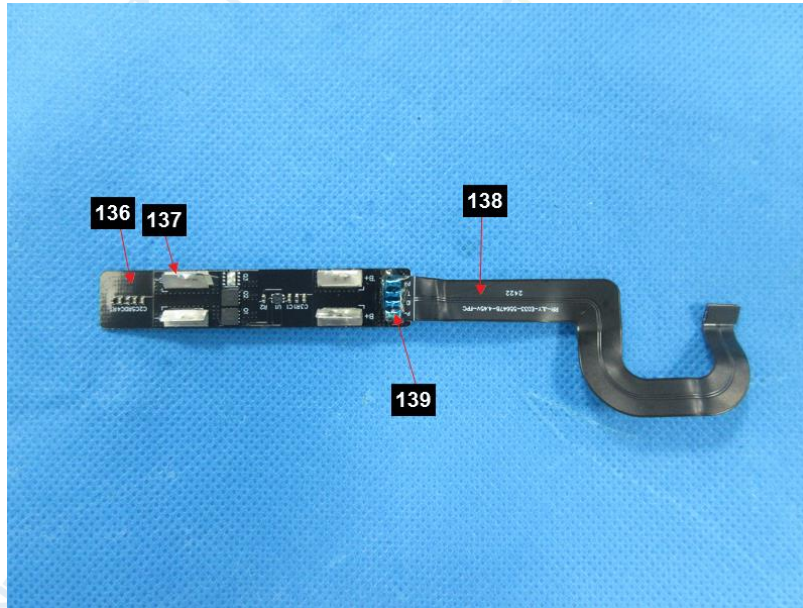


Fig.33



Fig.34

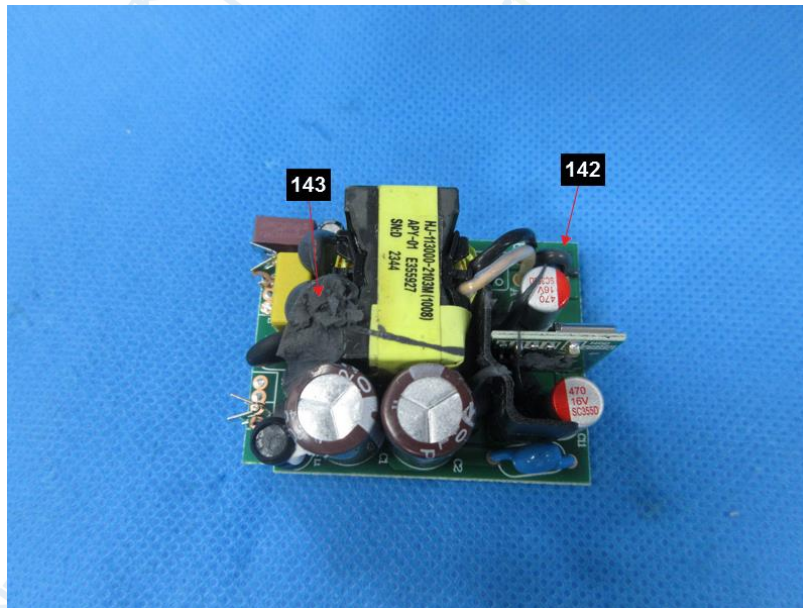


Fig.35

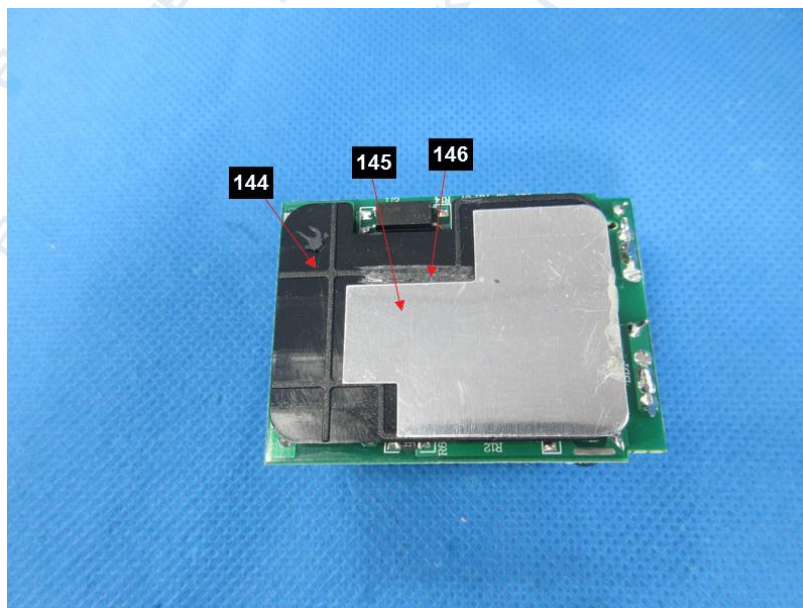


Fig.36

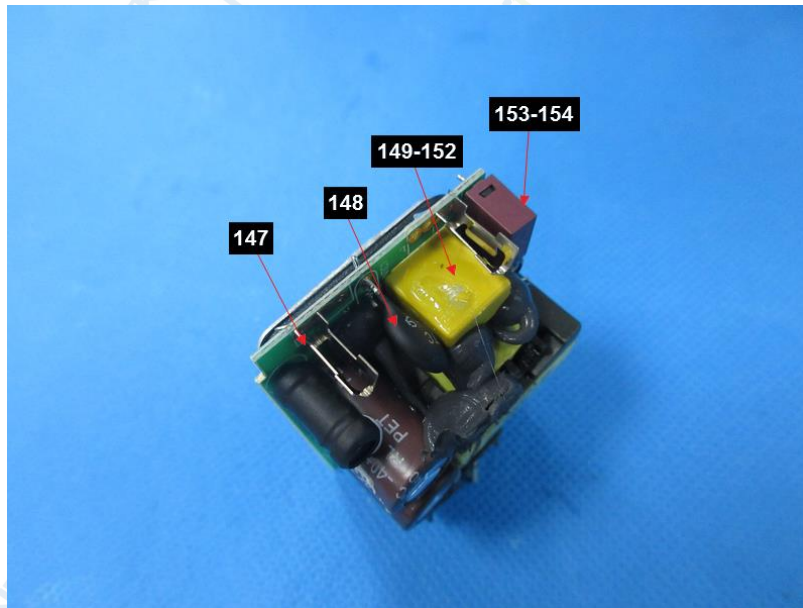


Fig.37

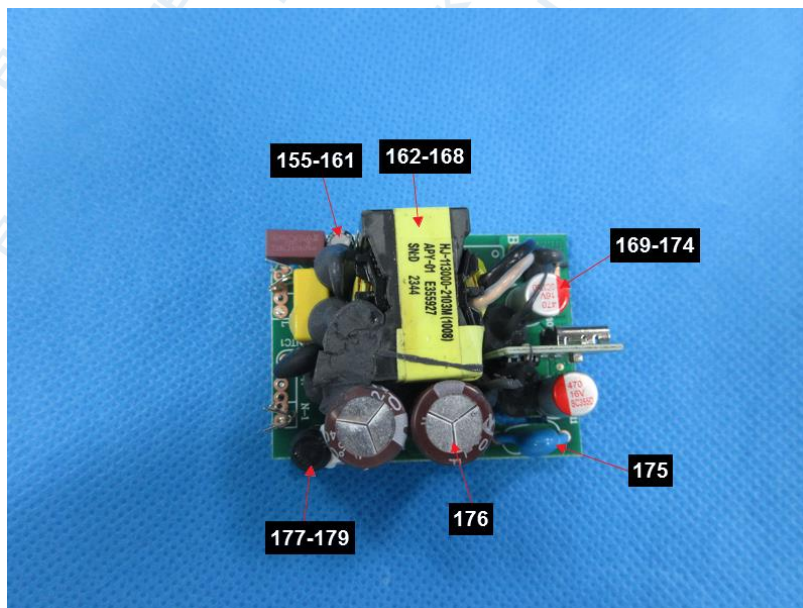


Fig.38

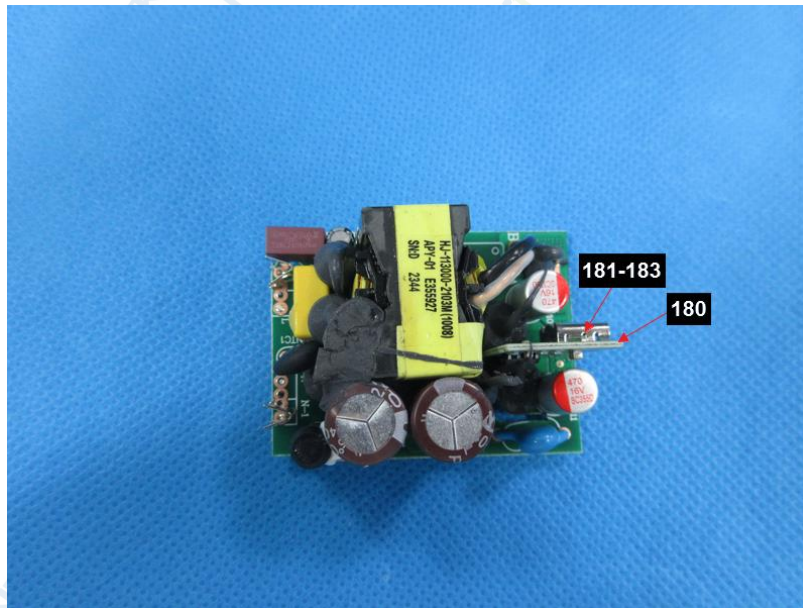


Fig.39

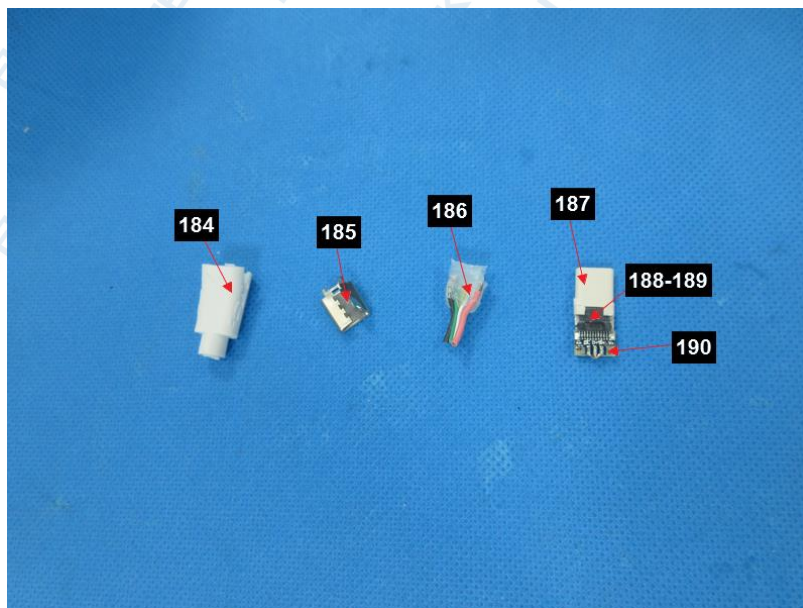


Fig.40

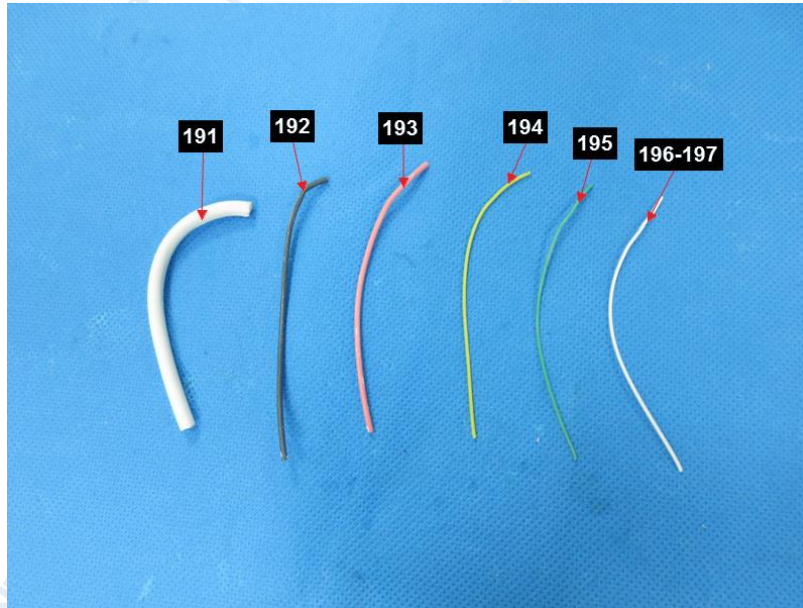


Fig.41



Fig.42



Fig.43

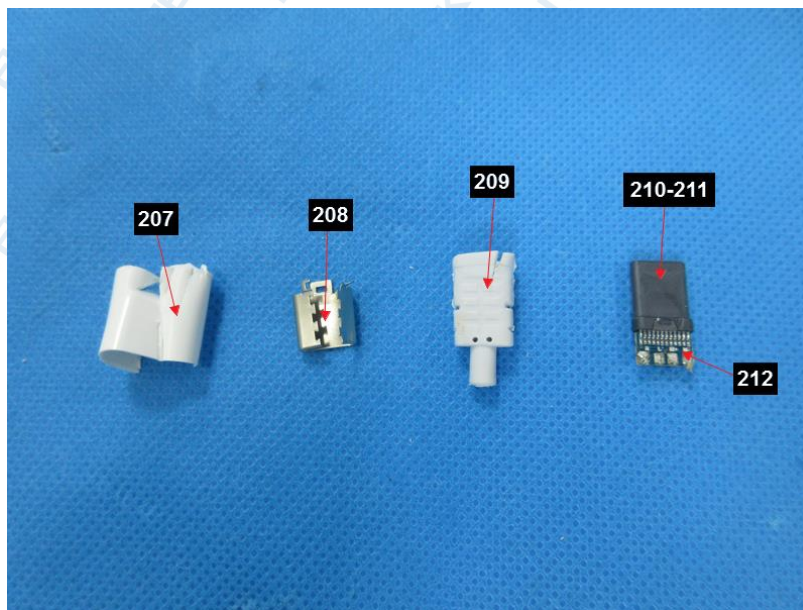


Fig.44

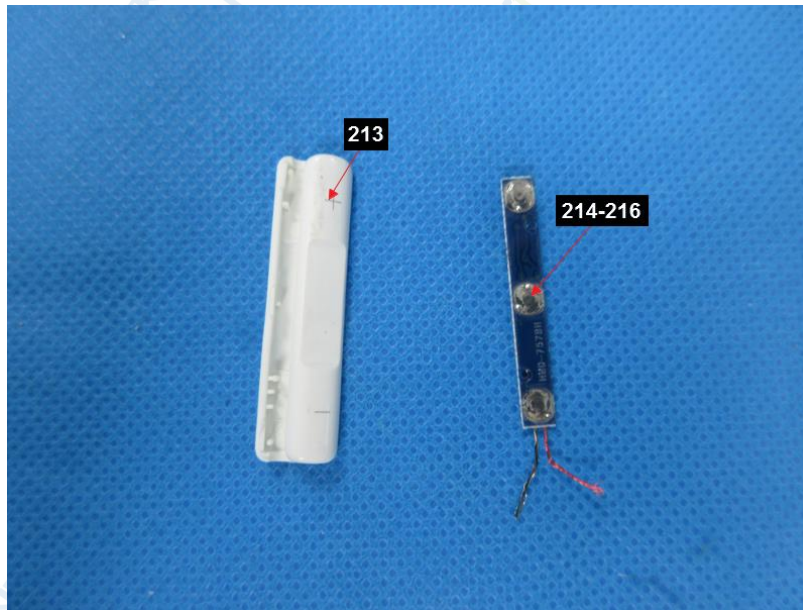


Fig.45

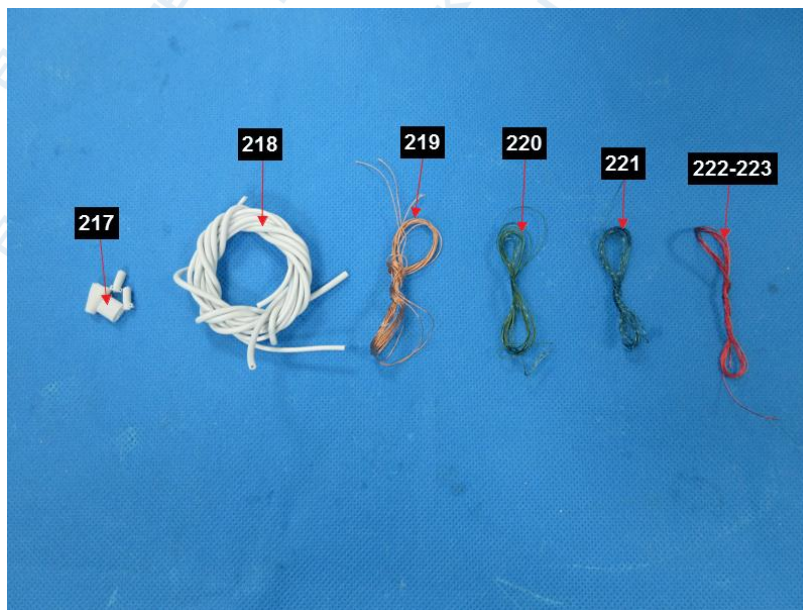


Fig.46



Fig.47

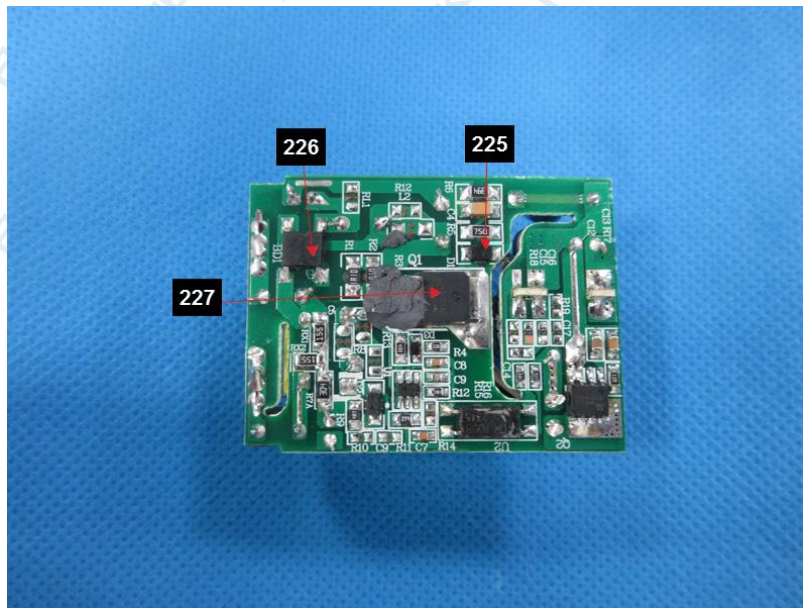


Fig.48

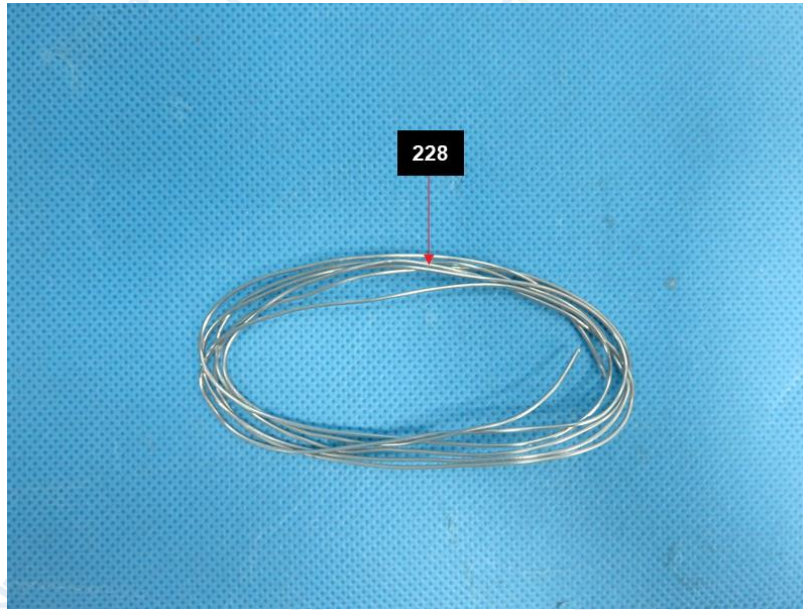


Fig.49

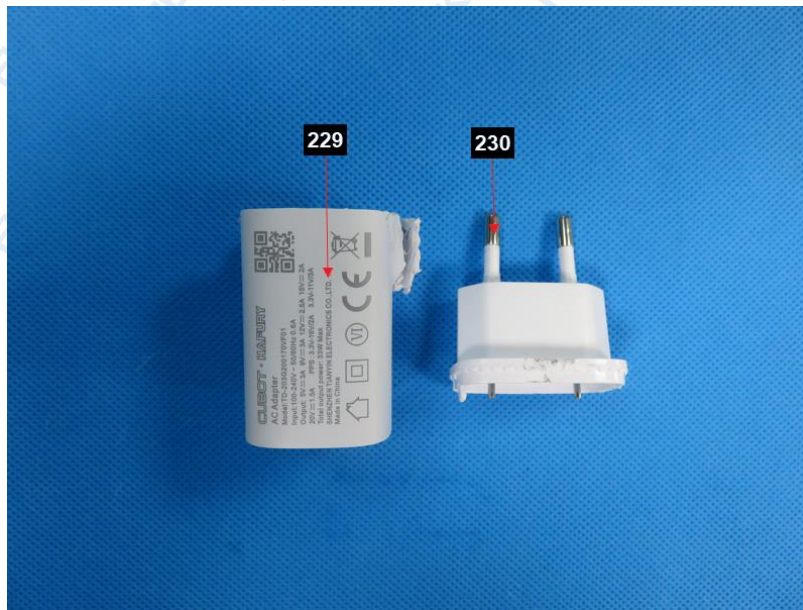


Fig.50

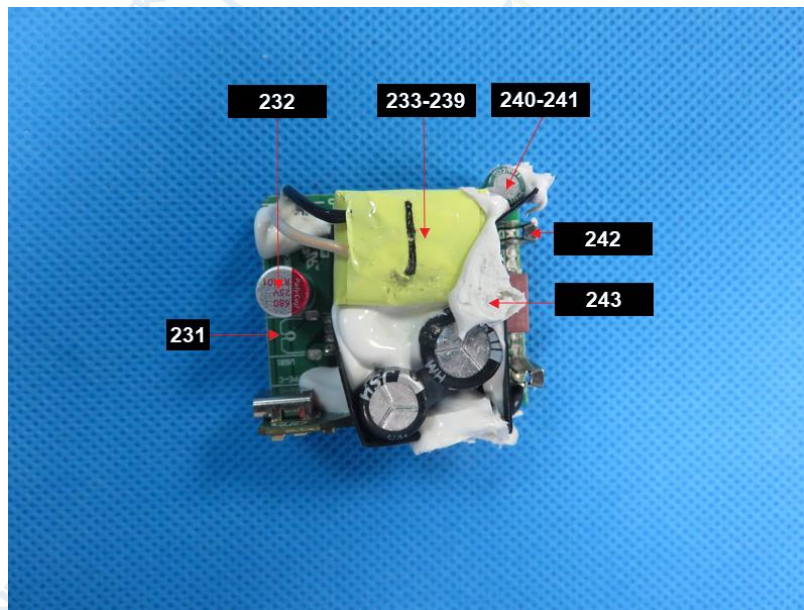


Fig.51

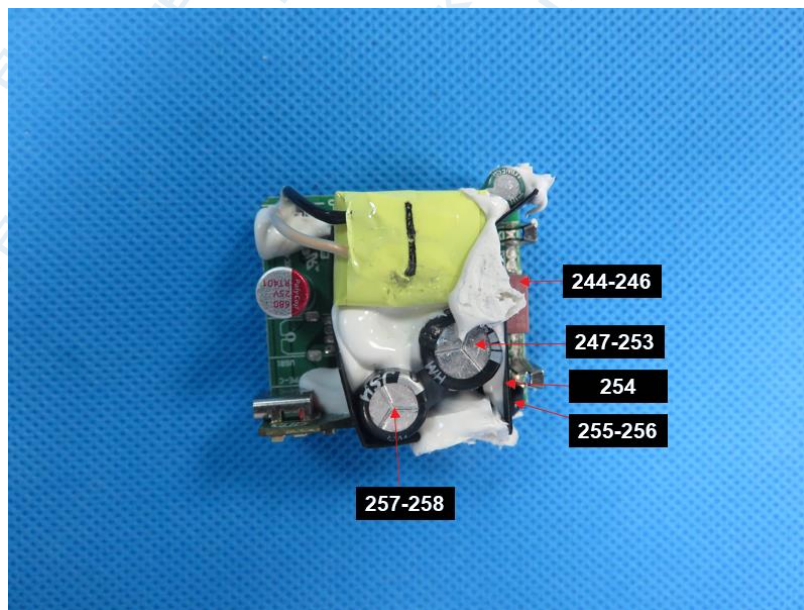


Fig.52

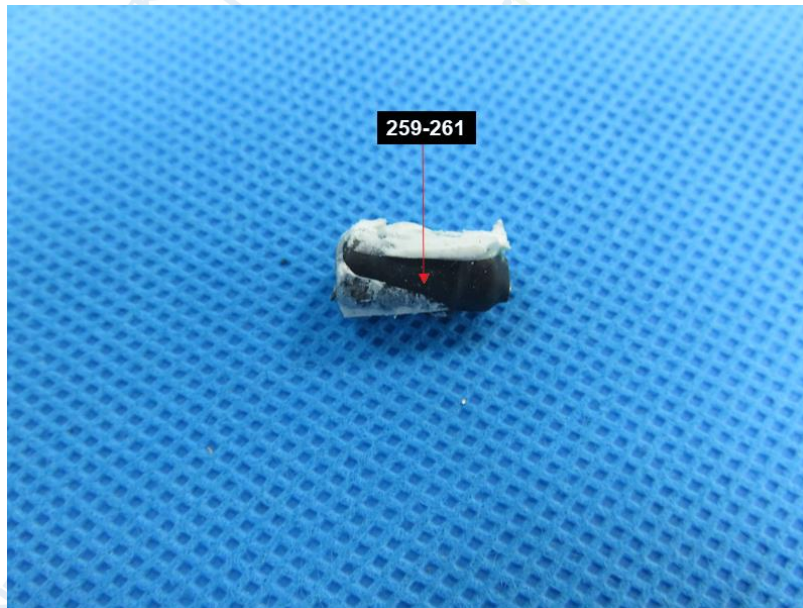


Fig.53

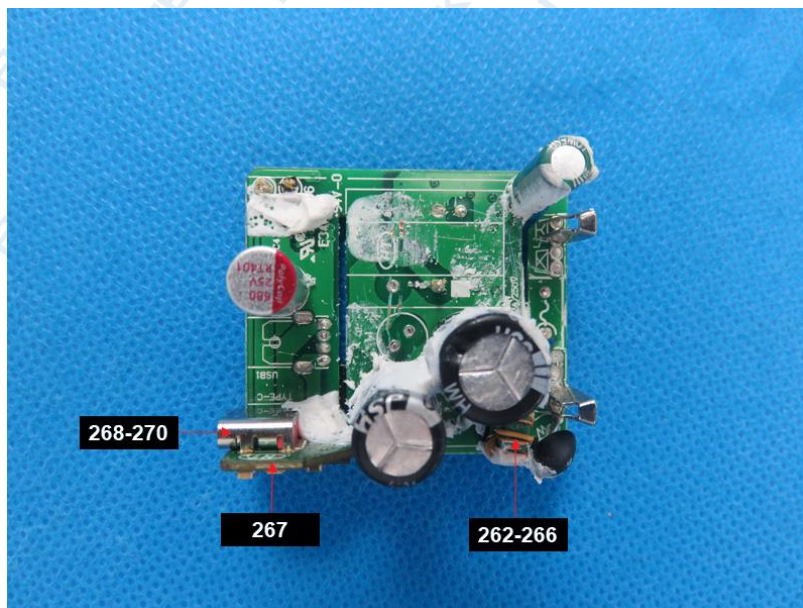


Fig.54

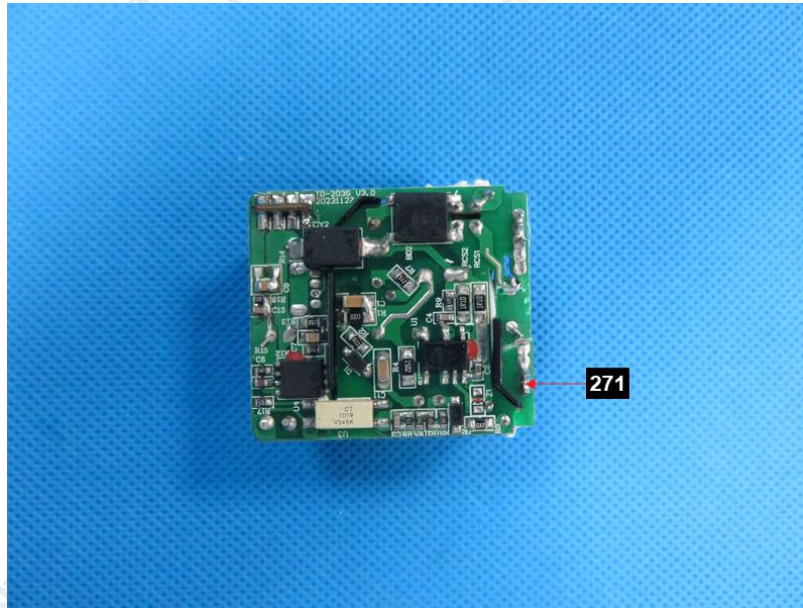


Fig.55

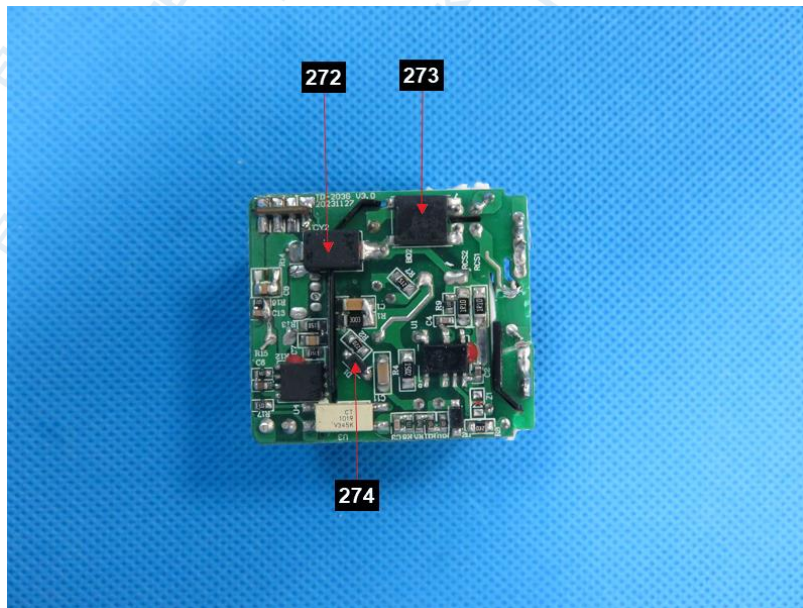


Fig.56

****End of Report****

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