

# TEST REPORT

**Applicant:** Shenzhen Huafurui Technology Co., Ltd  
**Address:** Unit 1401 &1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen,P.R. China

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

Product name: Smartphone  
Model: KINGKONG 9  
Trade mark: CUBOT  
Manufacturer: Shenzhen Huafurui Technology Co., Ltd  
Address: Unit 1401 &1402, 14/F, Jinqi Zhigu Mansion (No. 4 Building of Chongwen Garden), Crossing of the Liuxian Street and Tangling Road, Taoyuan Street, Nanshan District, Shenzhen,P.R. China

Sample Received Date: Apr. 24, 2023  
Testing Period: Apr. 24, 2023~ May. 30, 2023

**Test Requirement:**

As specified by client, to screen the 233 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 and Lead 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: Pure Reviewed by: Y. Blmar  
Approved by: May Date: 2023-06-05

**Sample Description:**

No.	Description	No.	Description
1	Silvery metal sheet of card tray	2	Silvery grey metal of card tray
3	Black plastic of card tray	4	Silvery metal sheet
5	Black grey metal button	6	Black rubber of black grey metal button
7	Black rubber plug	8	Black foam
9	Black metal screw (long)	10	Black metal screw (medium)
11	Black metal screw (short)	12	Silvery metal screw (long)
13	Silvery metal screw (short)	14	Silvery/grey metal front shell
15	Black plastic of silvery/grey metal front shell	16	Cupreous metal sheet of silvery/grey metal front shell
17	Black foam of silvery/grey metal front shell	18	Black plastic frame
19	Silvery/grey conductive foam of black plastic frame	20	Silvery metal sheet of black plastic frame
21A	Golden metal plug pin of black plastic frame	22	Silvery/grey metal frame
23	Silvery/grey metal strip	24	Black rubber sleeve
25	Black metal mesh	26	Black mesh with glue of black metal mesh
27	Black foam with tape	28	Transparent plastic lamp guide body
29	Golden metal nut	30A	Golden metal plug pin
31	Transparent plastic sheet with glue	32	White colloid
33	Black coating of glass	34	Transparent glass of glass
35	Black foam glue of glass	36	Black transparent glass screen
37	Silvery reflective plastic sheet	38	Silvery translucent plastic sheet
39	Transparent plastic plate	40	Silvery translucent plastic sheet with adhesive
41	Silvery plastic sheet	42	Black tape of silvery plastic sheet
43	Yellow FPC of silvery plastic sheet	44	White translucent plastic sheet
45	Silvery metal plate	46	White plastic frame of silvery metal plate
47	Silver grey conductive fabric of silvery metal plate	48	Black FPC
49	Black plastic of black interface	50	Metal plug pin of black interface
51	Silvery grey double-sided tape	52	Black foam with tape
53	Silvery metal sheet	54	Black glass screen
55	Transparent glass screen	56	Silvery metal plate

No.	Description	No.	Description
57	Grey plastic frame of silvery metal plate	58	Silvery plastic sheet
59	Black tape of silvery plastic sheet	60	Black FPC of silvery plastic sheet
61	White plastic sheet	62	Transparent plastic plate
63	Silvery translucent plastic sheet	64	Silvery reflective plastic sheet
65	Black FPC	66	Grey thermal adhesive
67	Silvery/grey conductive cloth with foam	68	Cupreous foil
69	Silvery metal cover	70	Black PCBA (mixed test)
71	Silvery metal contact pin	72	Black plastic of grey interface
73	Metal plug pin of grey interface	74	Grey plastic of card slot
75	Silvery metal rod of card slot	76	Silvery metal protective case of card slot
77	Metal contact pin of card slot	78	Black plastic of black interface
79	Metal plug pin of black interface	80	Silvery metal shell of black interface
81	Magnet core of inductance	82	Coil of inductance
83	Silvery metal sheet	84	Black photosensitive component
85	Black plastic of black photosensitive component	86	Silvery metal shell of antenna interface
87	Green PCBA (mixed test)	88	Silvery metal clasp
89A	Golden metal shell of antenna interface	90	Black plastic of grey/black interface
91	Grey plastic of grey/black interface	92	Metal plug pin of grey/black interface
93	Silvery metal shell of Type-C interface	94	Black plastic of Type-C interface
95	Metal plug pin of Type-C interface	96	Black foam with tape of vibrating motor
97	Silvery metal shell of vibrating motor	98	Magnet of vibrating motor
99	Green PCBA (mixed test) of vibrating motor	100	White plastic of vibrating motor
101	Cupreous metal coil of vibrating motor	102	Grey metal of vibrating motor
103	Golden metal ring of vibrating motor	104	Yellow FPC of vibrating motor
105	Red wire jacket of vibrating motor	106	Blue wire jacket of vibrating motor
107	Core of wire of vibrating motor	108	Transparent plastic sheet
109	Black FPC	110	Black rubber sleeve of black FPC
111	Black foam with tape	112	Silvery metal sheet
113	Yellow FPC	114	Silvery metal shell of camera
115	Silvery magnet of camera	116	Black plastic of camera
117	Silver grey conductive fabric of camera	118	Grey plastic of camera
119	Transparent glass of camera	120	Yellow FPC of camera
121	Silvery metal sheet of camera	122	Cupreous metal coil of camera

No.	Description	No.	Description
123	Transparent glass lens of camera	124	Golden metal contact pin of antenna
125	Black wire jacket of antenna	126	Transparent wire jacket of antenna
127	Metal core of wire of antenna	128	Silvery metal shell of speaker
129	Magnet of speaker	130	Silvery/black transparent plastic sheet of speaker
131	Cupreous metal coil of speaker	132	Black plastic of speaker
133	Red wire jacket of speaker	134	Black wire jacket of speaker
135	Core of wire of speaker	136	Transparent plastic jacket
137	Black tape	138	Black rubber strip
139	Transparent double-sided adhesive	140	Green paper
141	Black PCBA (mixed test)	142	Silvery metal sheet
143	Blue translucent colloid	144	Black FPC
145	Black foam of black FPC	146	Silvery metal sheet of black FPC
147	White plastic of Type-C interface	148	White encapsulation of Type-C interface
149	Silvery metal shell of Type-C interface	150	Black plastic of Type-C interface
151	Metal plug pin of Type-C interface	152	Blue PCBA (mixed test) of Type-C interface
153	White plastic shell	154	White plastic cover
155	Green mesh with glue	156	Black mesh with glue
157	Silvery metal cover of speaker	158	White double-sided adhesive of speaker
159	Silvery metal shell of speaker	160	Magnet of speaker
161	White/black mesh of speaker	162	Green PCBA (mixed test) of speaker
163	White colloid of speaker	164	Transparent plastic film of speaker
165	Cupreous metal coil of speaker	166	White plastic shell with lettering
167	White encapsulation	168	Blue PCBA (mixed test)
169	Silvery metal shrapnel of blue PCB	170	White encapsulation
171	White rubber buckle	172	White wire jacket
173	Red wire core	174	Copper/green wire core
175	Green wire core	176	White cotton
177	White encapsulation of Type-C interface	178	White plastic of Type-C interface
179	Silvery metal shell of Type-C interface	180	Metal plug pin of Type-C interface
181	Black plastic of Type-C interface	182	Blue PCBA (mixed test) of Type-C interface
183	White translucent encapsulation of Type-C interface	184	White exterior wire jacket



No.	Description	No.	Description
185	Red inner wire jacket	186	Black inner wire jacket
187	Yellow inner wire jacket	188	White inner wire jacket
189	Green inner wire jacket	190	Core of wire
191	White plastic shell with lettering	192	White plastic cover
193	Silvery metal plug pin	194	Silvery metal sheet
195	Black plastic sheet	196	Black colloid
197	Grey colloid	198	Green PCBA (mixed test)
199	Blue body of Cy1 capacitor	200	Metal pin of Cy1 capacitor
201	Green PCBA (mixed test) of insert PCBA	202	Silvery metal shell of Type-C interface
203	Black plastic of Type-C interface	204	Metal plug pin of Type-C interface
205	Aluminum shell of C10 electrolytic capacitor	206	Anode foil of C10 electrolytic capacitor
207	Cathode foil of C10 electrolytic capacitor	208	Electrolytic paper of C10 electrolytic capacitor
209	Rubber blanket of C10 electrolytic capacitor	210	Electrode pin of C10 electrolytic capacitor
211	Aluminum shell of C2 electrolytic capacitor	212	Anode foil of C2 electrolytic capacitor
213	Cathode foil of C2 electrolytic capacitor	214	Electrolytic paper of C2 electrolytic capacitor
215	Rubber blanket of C2 electrolytic capacitor	216	Electrode pin of C2 electrolytic capacitor
217	Brown plastic jacket of C2 electrolytic capacitor	218	Black plastic sketch of T1 transformer
219	Magnet core of T1 transformer	220	Cupreous metal coil of T1 transformer
221	Transparent casing tube of T1 transformer	222	Black casing tube of T1 transformer
223	Varnished wire of T1 transformer	224	Yellow tape of T1 transformer
225	Transparent label with lettering of T1 transformer	226	Metal pin of T1 transformer
227	Black casing tube of L1 inductor	228	Magnet core of L1 inductor
229	Coil of L1 inductor	230	Silvery metal contact pin
231	Black body of NTC1 thermistor	232	Metal pin of NTC1 thermistor
233	Yellow plastic shell of Cx1x capacitor	234	Yellow pouring sealant of Cx1x capacitor
235	Inner body of Cx1x capacitor	236	Metal pin of Cx1x capacitor

No.	Description	No.	Description
237	Aluminum shell of C3 electrolytic capacitor	238	Anode foil of C3 electrolytic capacitor
239	Cathode foil of C3 electrolytic capacitor	240	Electrolytic paper of C3 electrolytic capacitor
241	Rubber blanket of C3 electrolytic capacitor	242	Electrode pin of C3 electrolytic capacitor
243	Black plastic jacket of C3 electrolytic capacitor	244	Pink plastic shell of F7 fuse
245	Black plastic frame of F7 fuse	246	Metal wire of F7 fuse
247	Metal pin of F7 fuse	248	Cell (mixed test)

**Group Description:**

Group	No.
T1	103+124
T2	81+98+129+160+219+220+228
T3	50+73+79+92+95+151+180+193+204
T4	200+210+216+226+232+236+242+247
T5	107+127+135+173+174+175+190
T6	82+101+122+131+165+229
T7	1+2+4+5+9+10+11+12+13+14+16+20+22+23+25
T8	45+53+56+68+69+71+75+76+77+80+83+86+88+93+97
T9	102+112+114+115+121+128+142+146+149+157+159+169+179+194+202
T10	205+206+207+211+212+213+223+230+237+238+239+246
T11	3+15+18+28+31+37+38+39+40+41+44+46+49+57+58
T12	61+62+63+64+72+74+78+85+90+91+94+100+108+116+118
T13	130+132+136+147+150+153+154+164+166+178+181+191+192+195+203
T14	217+218+233+243+244+245
T15	105+106+125+126+133+134+172+184+185+186+187+188+189
T16	26+47+67+117+155+156+161
T17	32+163+196+197
T18	148+167+170+177+183
T19	43+48+60+65+104+109+113+120+143+144
T20	8+17+19+27+35+52+96+111+145
T21	51+139+158
T22	34+36+54+55+119+123
T23	33
T24	6+7+24+110+138+171+209+215+241
T25	225
T26	221+222+227
T27	42+59+137+224
T28	66
T29	84
T30	140+176
T31	199+208+214+231+234+235+240
T32	70+87+99+141+152+162+168+182+198+201
T33	248
T34	21A
T35	29
T36	30A
T37	89A

**Test Result(s):**

Batch	No.	Test item(s)	CAS No.	Result(s),%				RL (%)
				T1	T2	T3	T4	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%				RL (%)
				T5	T6	T7	T8	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%				RL (%)
				T9	T10	T11	T12	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%				RL (%)
				T13	T14	T15	T16	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%				RL (%)
				T17	T18	T19	T20	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%				RL (%)
				T21	T22	T23	T24	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	N.D.	/



Batch	No.	Test item(s)	CAS No.	Result(s),%				RL (%)
				T25	T26	T27	T28	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%				RL (%)
				T29	T30	T31	T32	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%	RL (%)
				T33	
XIV	164	1,3-propanesultone	1120-71-4	1.096	0.050
/	/	Other tested SVHC in candidate list	/	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%	RL (%)
				T34	
XIX	189	Lead	7439-92-1	0.01	0.010
/	/	Other tested SVHC in candidate list	/	N.D.	/

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

Batch	No.	Test item(s)	CAS No.	Result(s),%	RL (%)
				T36	
XIX	189	Lead	7439-92-1	2.761	0.010
/	/	Other tested SVHC in candidate list	/	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	<sup>①</sup> Anthracene oil	90640-80-5	292-602-7	0.050
II	17	<sup>①</sup> Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	0.050
II	18	<sup>①</sup> Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	0.050
II	19	<sup>①</sup> Anthracene oil, anthracene-low	90640-82-7	292-604-8	0.050
II	20	<sup>①</sup> Anthracene oil, anthracene paste	90640-81-6	292-603-2	0.050
II	21	<sup>①</sup> 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	<sup>②</sup> Lead chromate	7758-97-6	231-846-0	0.010
II	26	<sup>②</sup> Lead chromate molybdate sulphateRed (C.I. Pigment Red 104)	12656-85-8	235-759-9	0.010
II	27	<sup>②</sup> 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	<sup>③</sup> 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	<sup>③</sup> Disodium tetraborate, anhydrous*	1330-43-4/ 12179-04-3/ 1303-96-4	215-540-4	0.010
III	32	<sup>③</sup> 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*	7789-6-2	232-142-6	0.010
V	47	<sup>①</sup> 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	<sup>①</sup> 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	<sup>②</sup> Aluminosilicate Refractory Ceramic Fibres (RCF) **	/	/	0.010
VI	56	<sup>②</sup> Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	/	/	0.010

Batch	No.	Substance Name(s)	CAS No.	EC No.	RL (%)
VI	57	<sup>①</sup> 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	<sup>③</sup> 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	$\beta$ -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	$\alpha,\alpha$ -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 <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), 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	<sup>①</sup> 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	<sup>®</sup> Sodium peroxometaborate perboric acid, sodium salt*	/	239-172-9/ 234-390-0	0.010
XI	155	<sup>®</sup> 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 $\geq$ 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	<sup>®</sup> 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 $\geq 0.1\%$ 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	<sup>®</sup> 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 <sup>2,6</sup> ]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

**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. Part No.21A, 30A, 89A Resubmitted Date: 2023-05-24.

10. According to the same material declaration of client, the test data of sample No.29 is from sample No.3A of the report No. S23022803303001.

According to the same material declaration of client, the test data of sample No.248 is from sample No.270 of the report No. S23022803303001.



**Sample photo(s):**



Fig.1



Fig.2



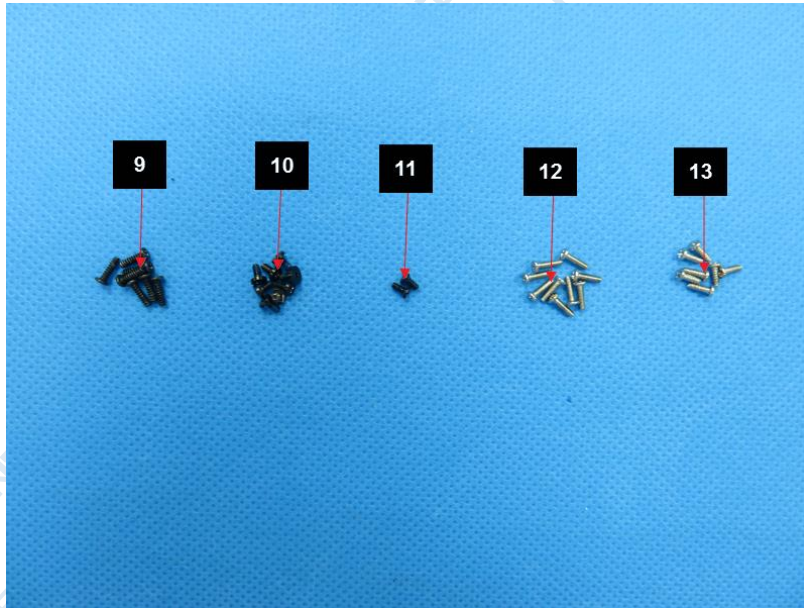


Fig.3

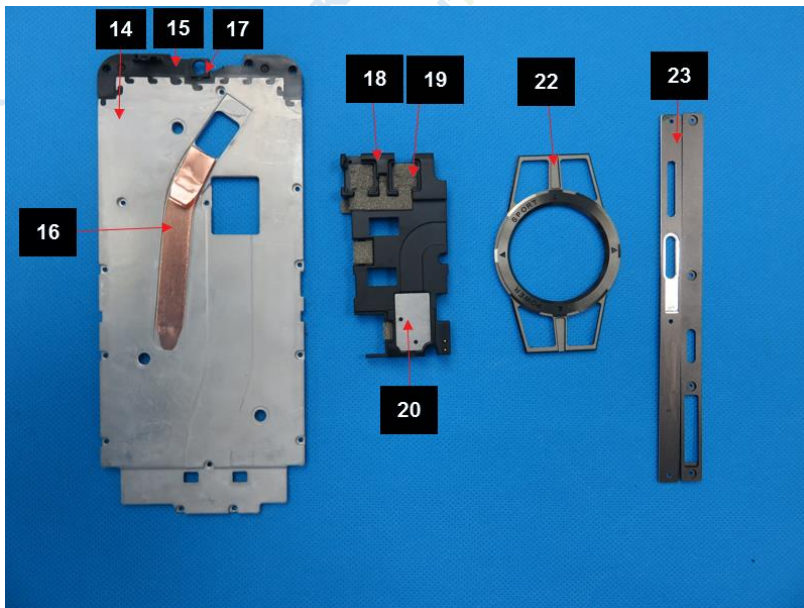


Fig.4

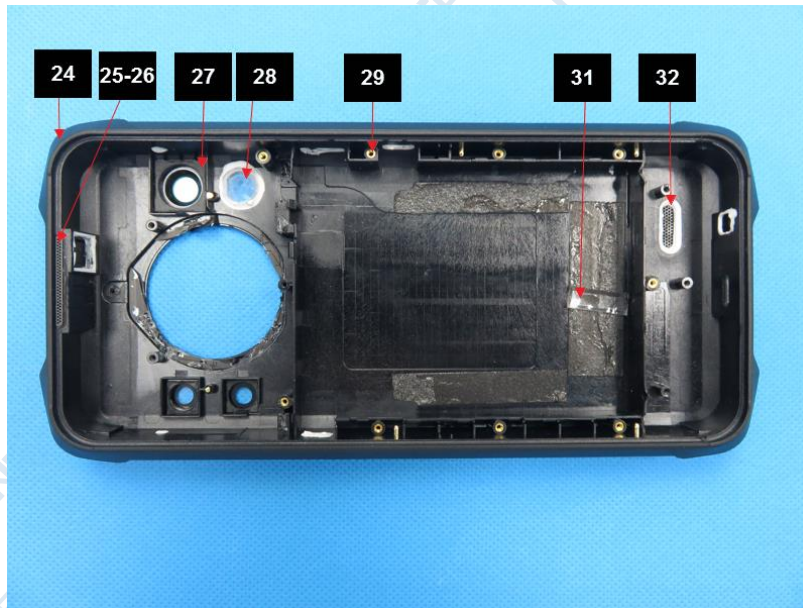


Fig.5



Fig.6



Fig.7

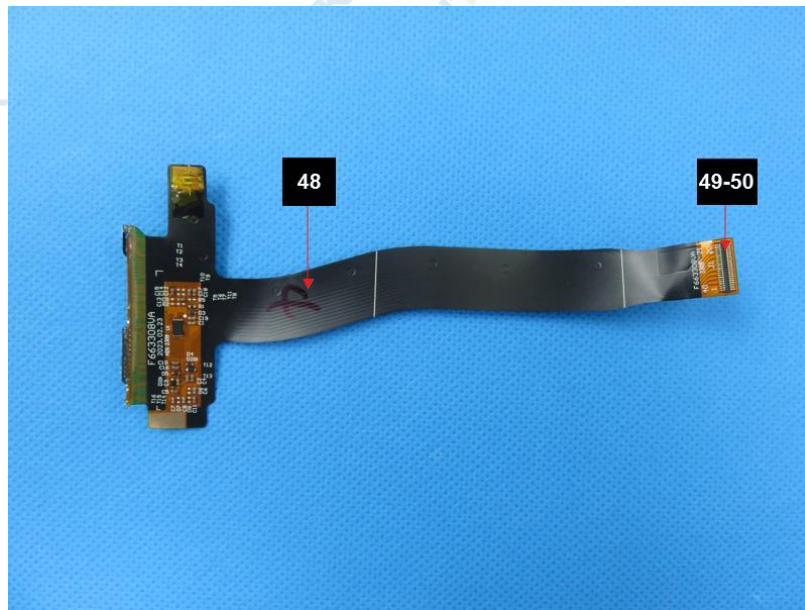


Fig.8



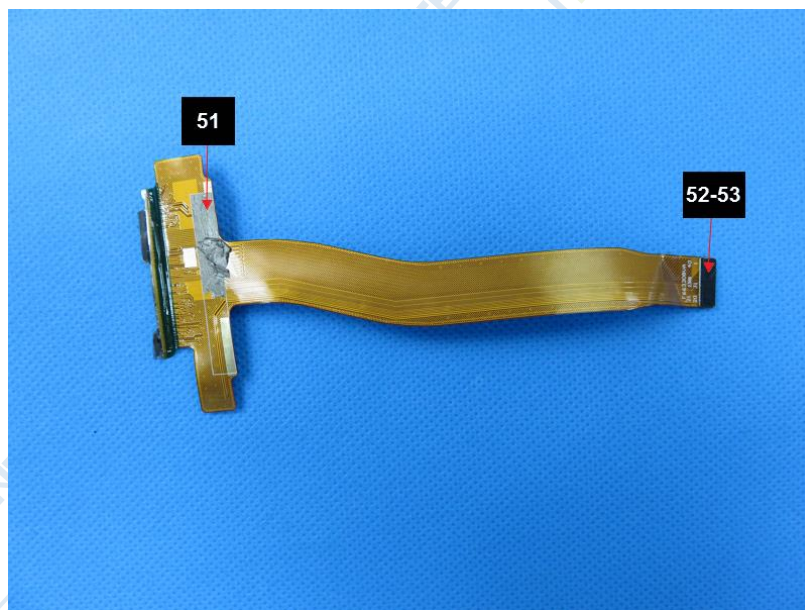


Fig.9

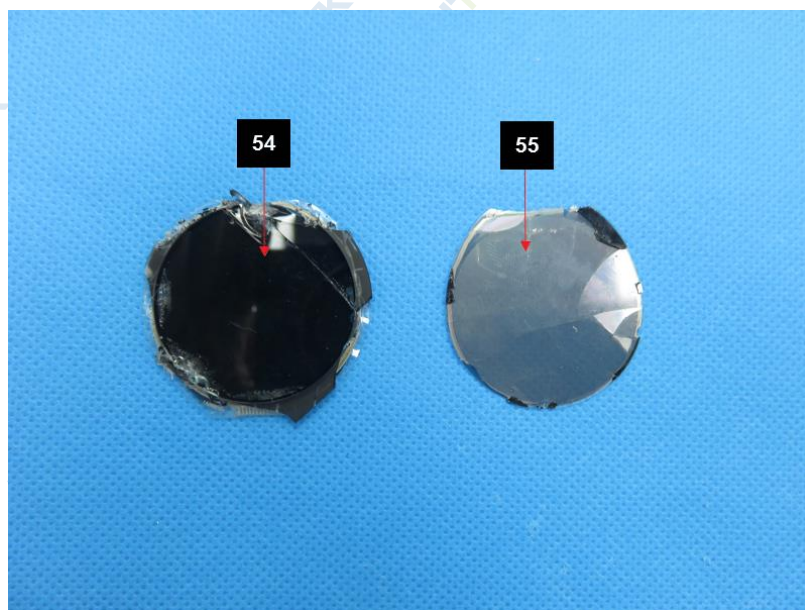


Fig.10



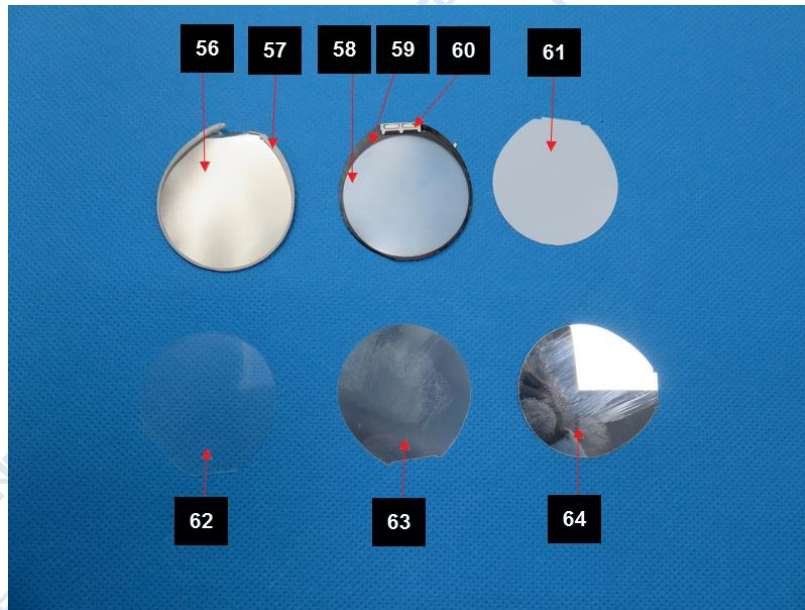


Fig.11

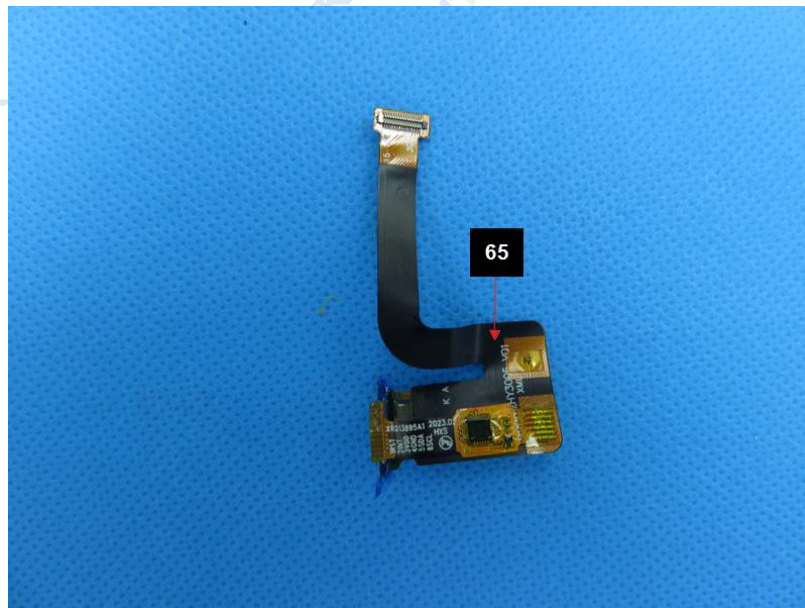


Fig.12

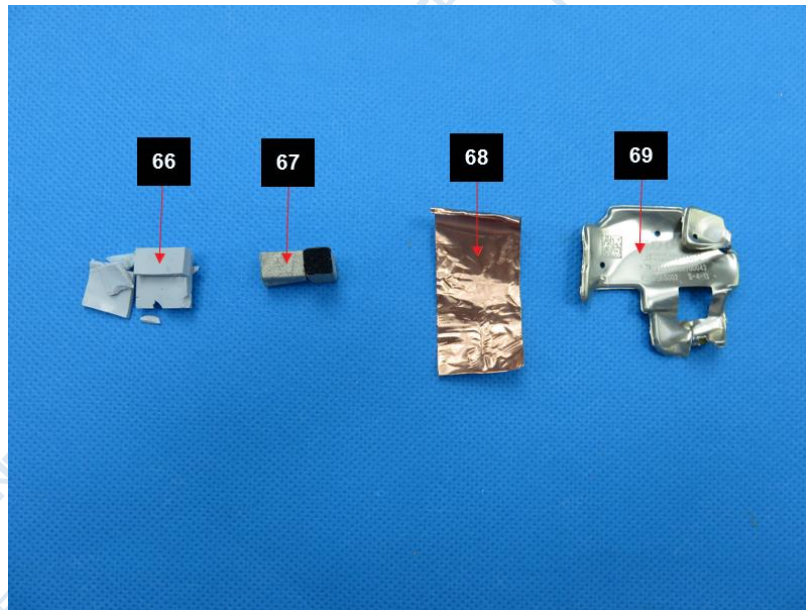


Fig.13

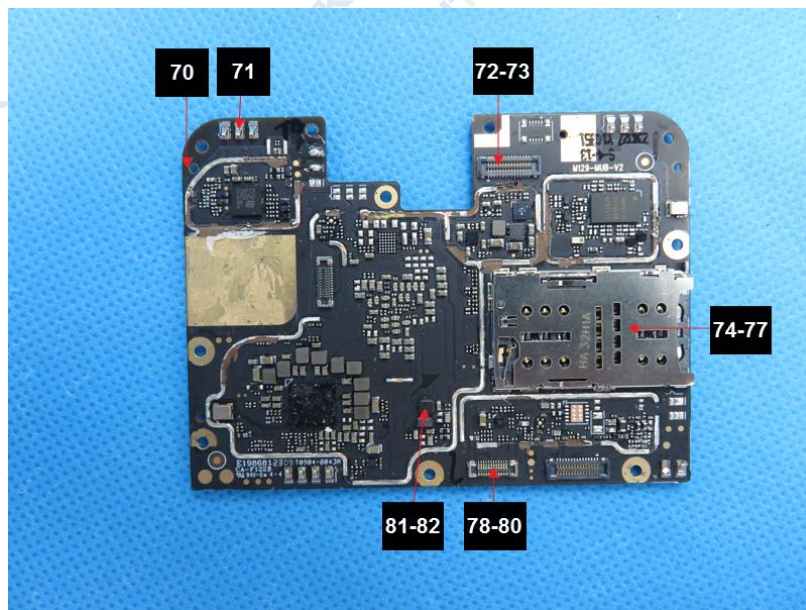


Fig.14



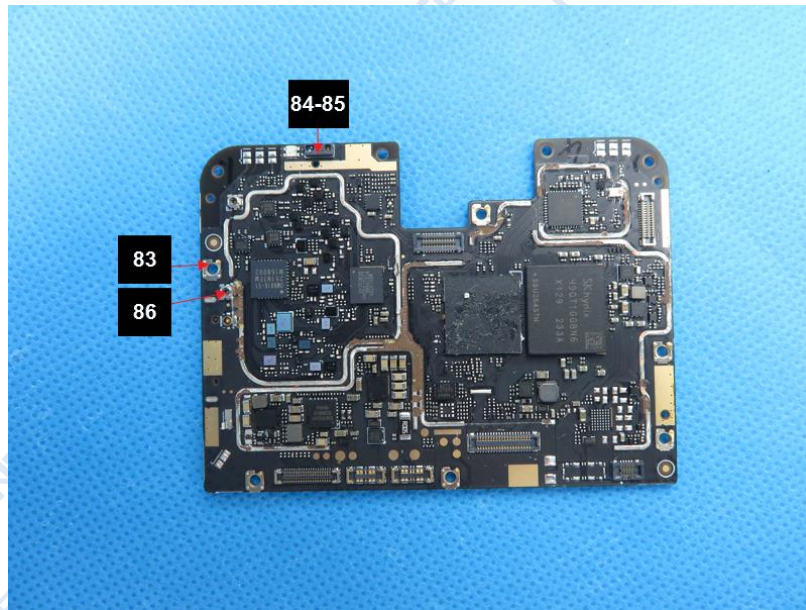


Fig.15

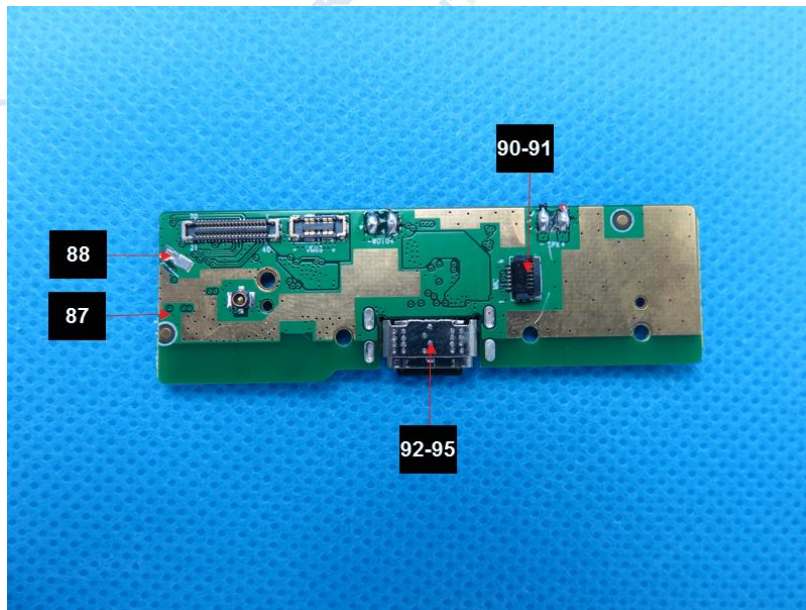


Fig.16



Fig.17



Fig.18



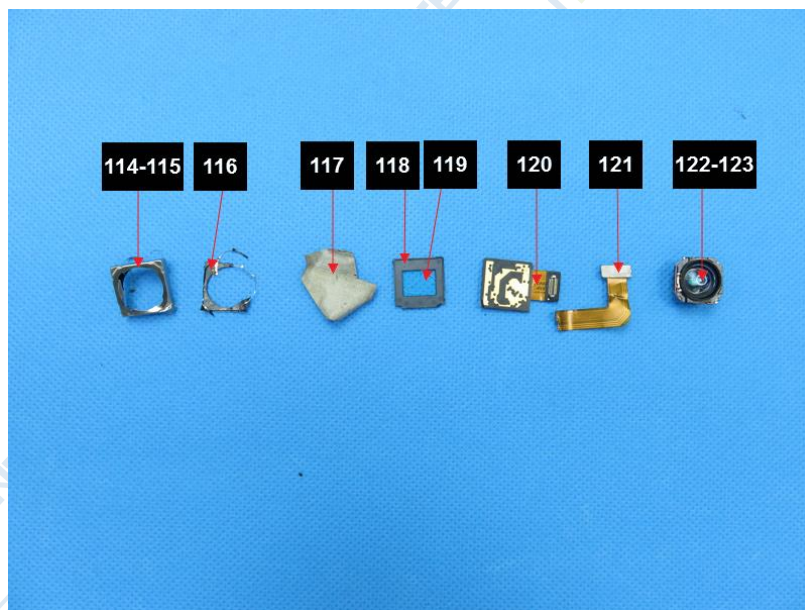


Fig.19

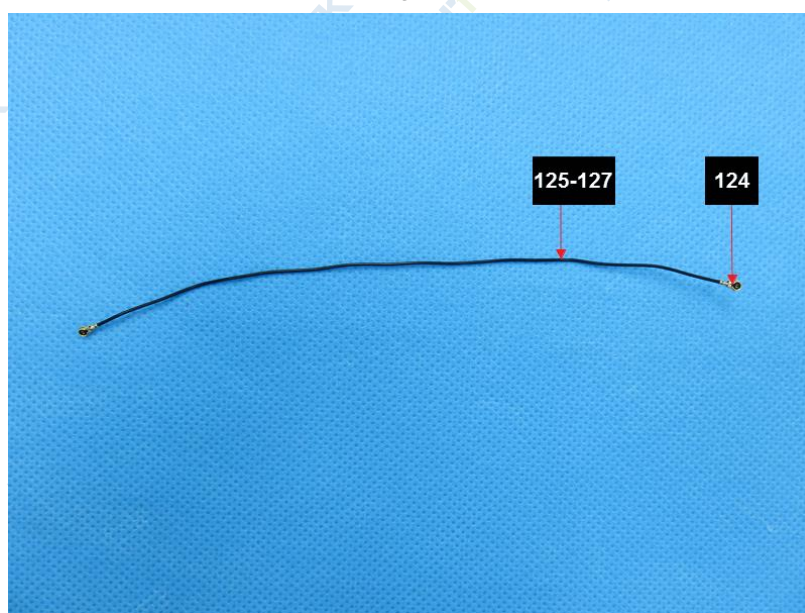


Fig.20

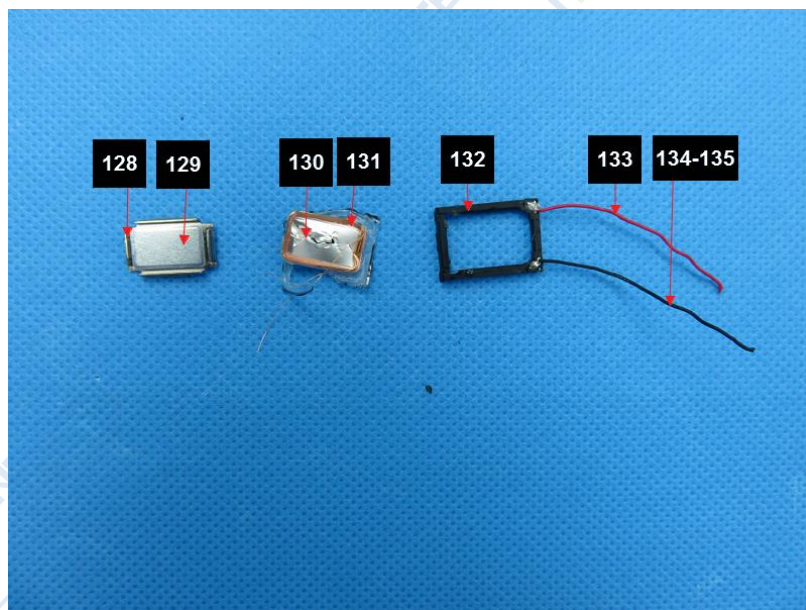


Fig.21



Fig.22





Fig.23

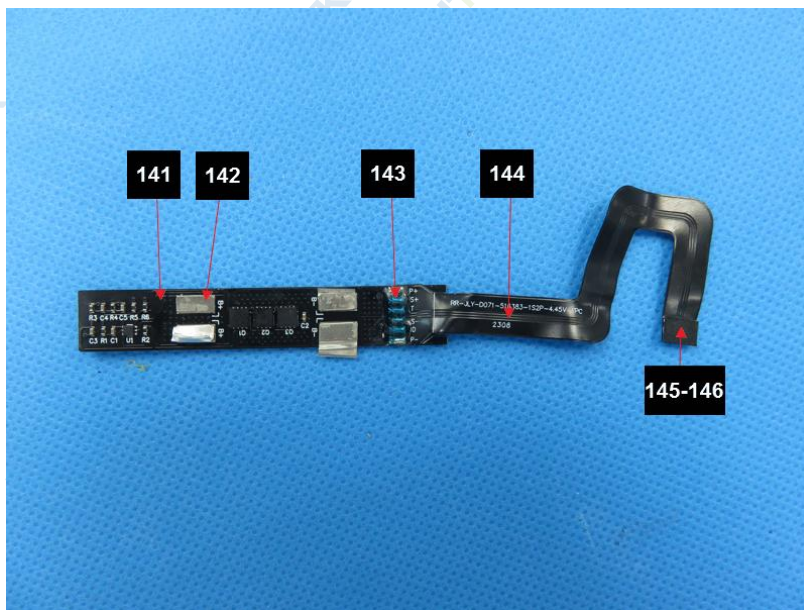


Fig.24

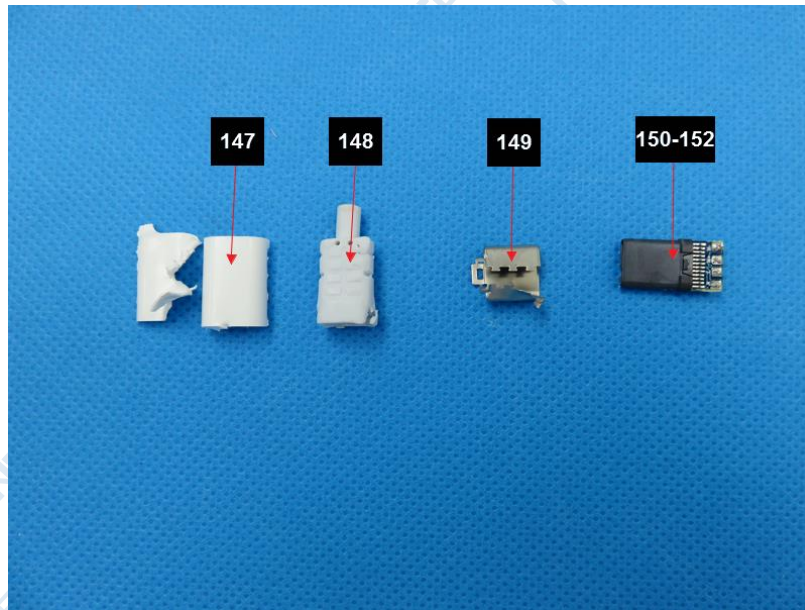


Fig.25



Fig.26





Fig.27

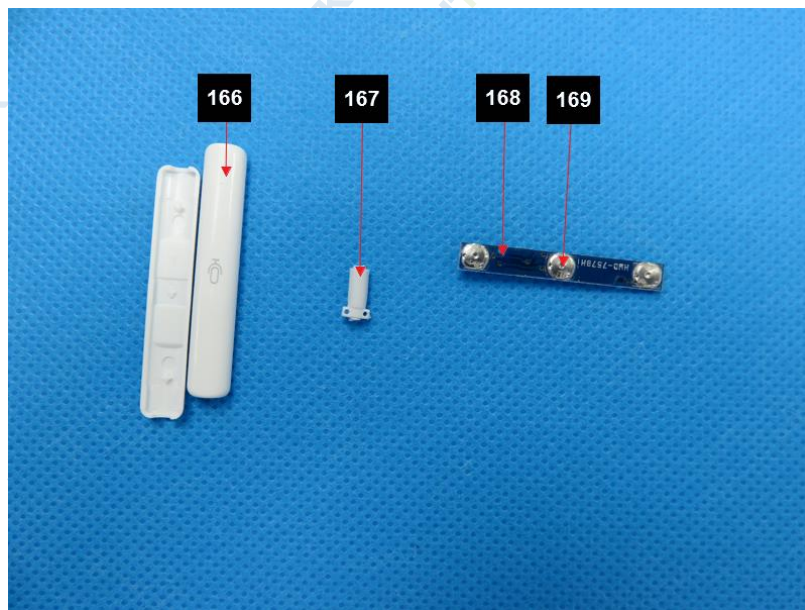


Fig.28

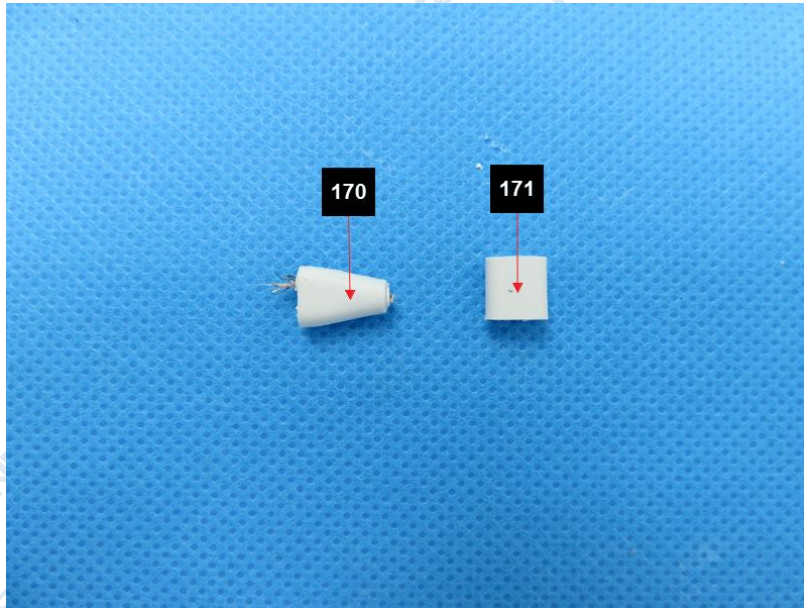


Fig.29



Fig.30



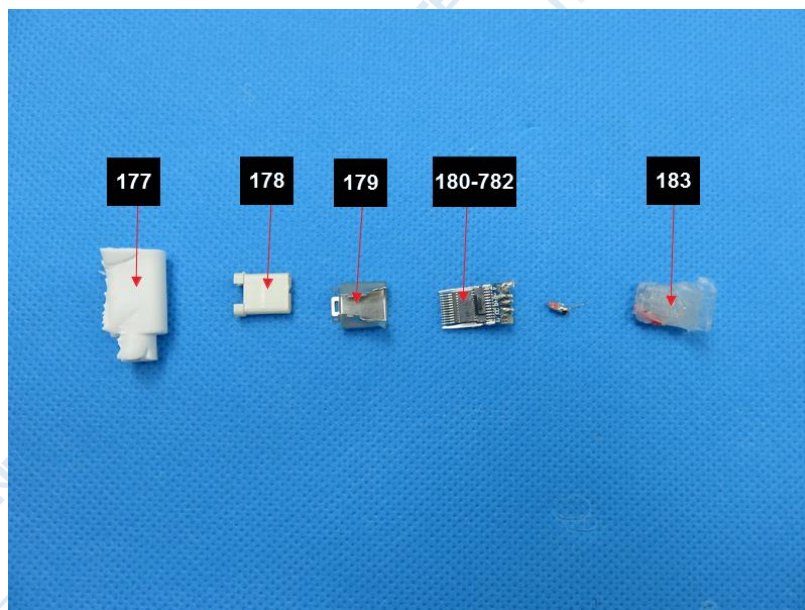


Fig.31

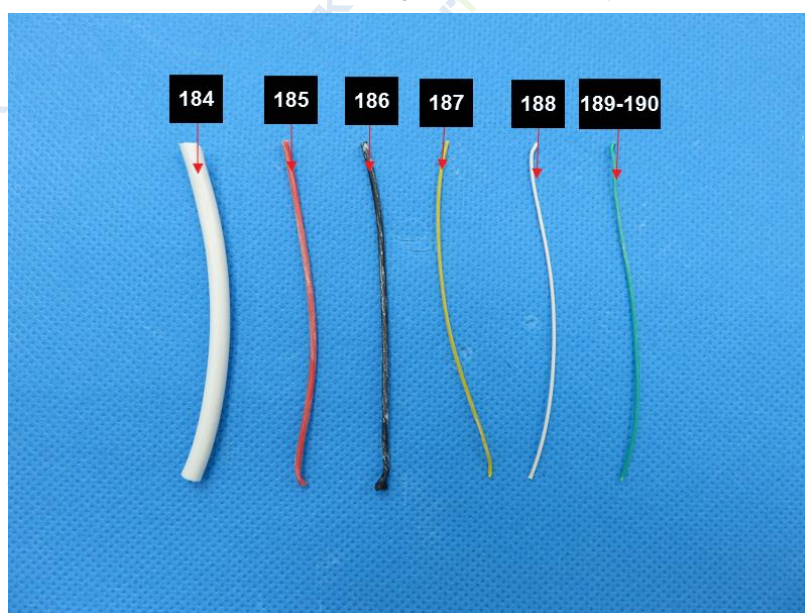


Fig.32

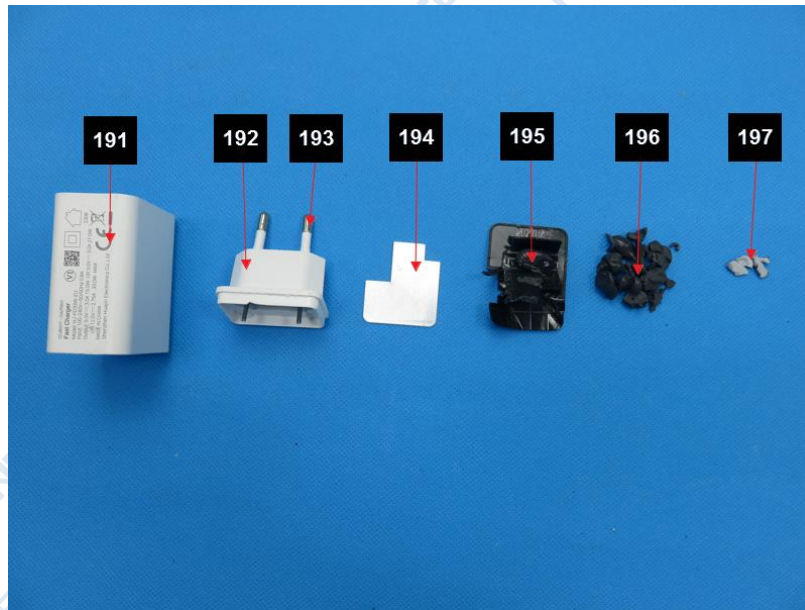


Fig.33

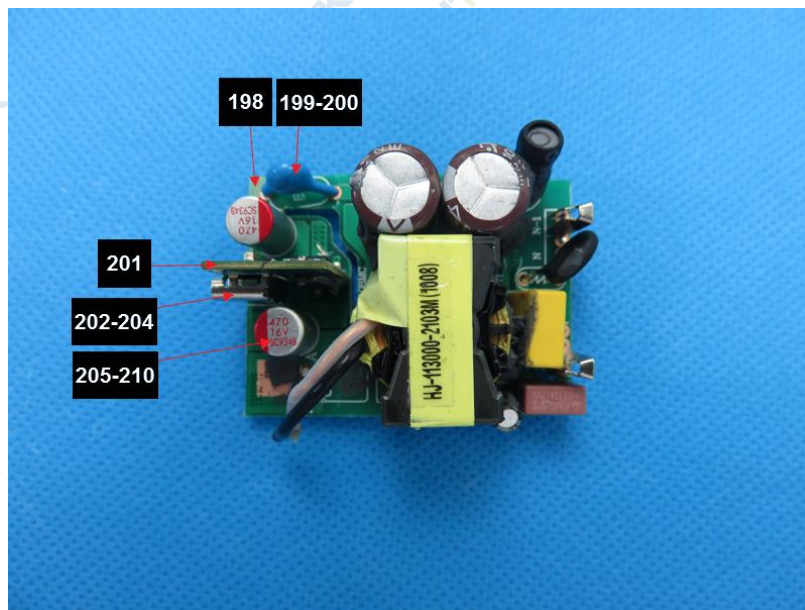


Fig.34



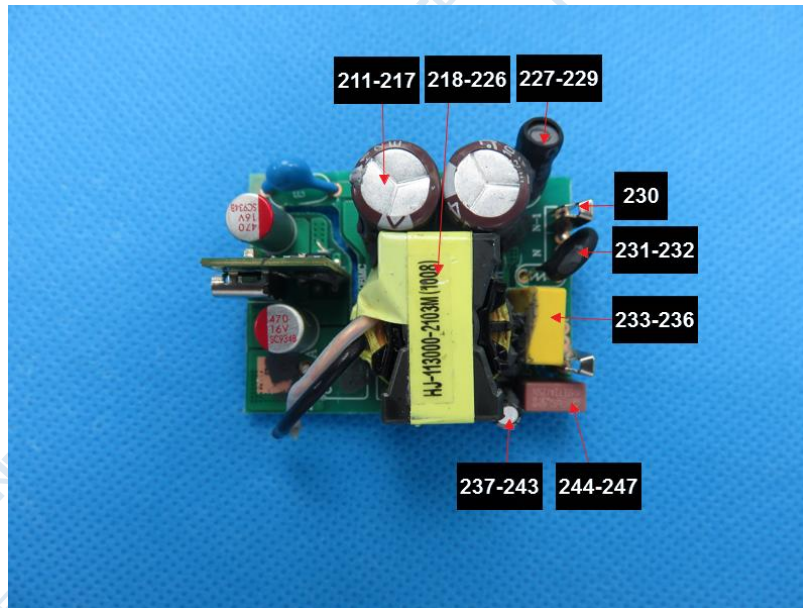


Fig.35



Fig.36

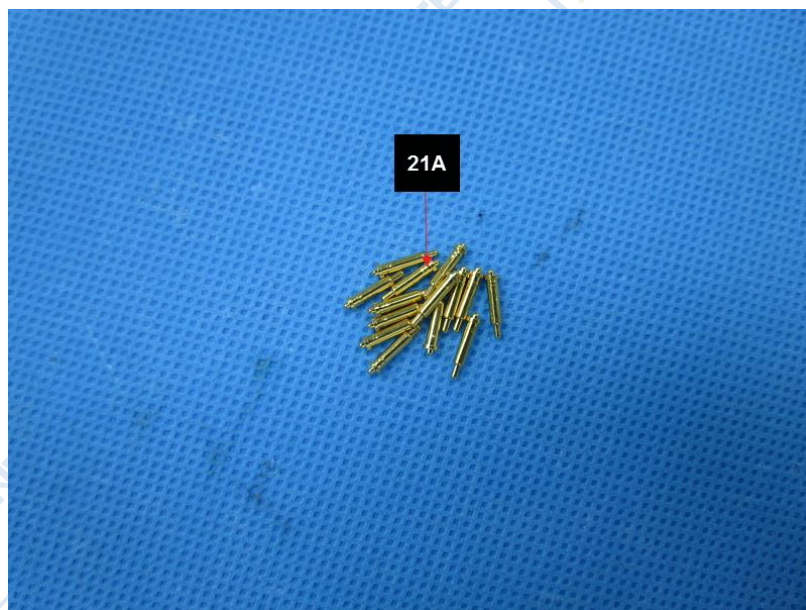


Fig.37

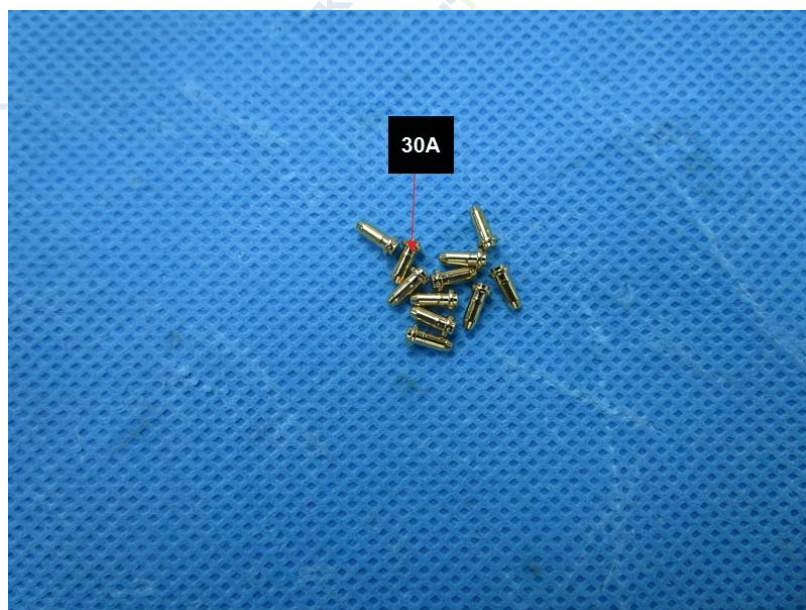


Fig.38



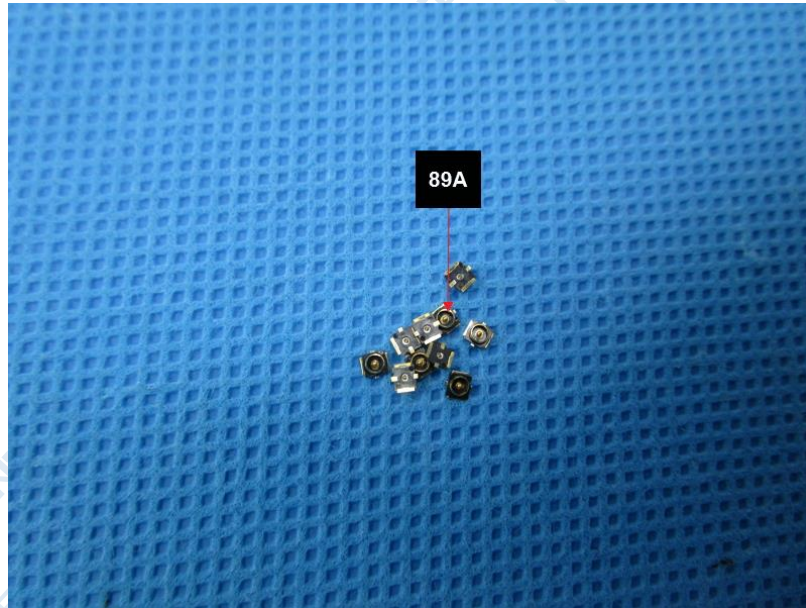


Fig.39

\*\*\*\*End of Report\*\*\*\*

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