

TEST REPORT

Applicant: Beijing Ke Yi Technology Co., Ltd.
Address: 8th Floor, Dimeng Building, Huayuan Road, Haidian District, Beijing China

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

Product name: Loona smart toy
Test model: KY004LN01
Serial model: KY004LN02, KY004LN03, KY004LN04, KY004LN05
Trade mark: Loona
Manufacturer: Beijing Ke Yi Technology Co., Ltd.
Address: 8th Floor, Dimeng Building, Huayuan Road, Haidian District, Beijing China

Sample Received Date: Sep. 30, 2022
Testing Period: Sep. 30, 2022~ Oct. 19, 2022

Test Requirement:

As specified by client, to screen the 224 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 Lead , Dodecamethylcyclhexasiloxane (D6) and 1,3-propanesultone 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: Ylsmt

Approved by: Mark Lion Date: 2022-11-15

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	T34	T35	
/	/	All tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%	RL (%)
				T36	
I	4	Cobalt dichloride*	7646-79-9	^N.D.	0.010
IV	37	Cobalt(II) sulphate*	10124-43-3	^N.D.	0.010
IV	38	Cobalt(II) dinitrate*	10141-05-6	^N.D.	0.010
IV	39	Cobalt(II) carbonate*	513-79-1	^N.D.	0.010
IV	40	Cobalt(II) diacetate*	71-48-7	^N.D.	0.010
XIV	164	1,3-propanesultone	1120-71-4	0.148	0.050
/	/	Other tested SVHC in candidate list	/	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%			RL (%)
				T37	T38	T39	
XIX	189	Lead	7439-92-1	2.198	2.394	2.266	0.010
/	/	Other tested SVHC in candidate list	/	N.D.	N.D.	N.D.	/

Batch	No.	Test item(s)	CAS No.	Result(s),%	RL (%)
				T40	
XIX	185	Decamethylcyclopentasiloxane (D5)	541-02-6	0.085	0.050
XIX	187	Dodecamethylcyclohexasiloxane (D6)	540-97-6	0.113	0.050
/	/	Other tested SVHC in candidate list	/	N.D.	/

Group Description:

Group	No.
T1	001+002+003+004+005+006+007+008+010+011
T2	012+013+015+016+017+018+019+020+022+024
T3	026+027+028+071+072+108+120+121+125+126
T4	035+037+039+047+049+052+056+057+058+059
T5	061+062+065+069+074+075+076+078+079
T6	081+082+091+099+102+104+106+110+111+112
T7	088+163
T8	114+115++116+117+118+123+132+133+135+136
T9	137+141+142+148+150+152+153+154+156+165
T10	158+159+160+180+194+195+256+257+270
T11	164+166
T12	167+168+169+171+172+173+174+175+176+177
T13	178+182+183+188+190+191+193+198+199+201
T14	202+205+206+208+212+213+215+218+221
T15	223+229+230+231+232+233+235+236+237+238
T16	240+241+246+247+251+252+253+254+261+264
T17	267+268+272+273+274+275+276+277+278+279
T18	280+283+285+287+288+291+293+296+297+298
T19	300+302+303+304+289+305+309+310+311+313
T20	009+014+021+023+025+029+030+031+032+033
T21	034+036+038+041+044+045+046+048+050
T22	053+054+130+131
T23	051+055+060+063+064+066+067+068+070+073
T24	080+083+084+085+086+087+089+090+092+093
T25	094+095+096+098+100+101+103+105+107+109
T26	113+119+122+124+127+128+129+134+138+139

Group	No.
T27	140+143+144+145+146+147+149+155+157+161
T28	162+170+179+181+184+185+186+187+189+192
T29	196+197+200+204+207+209+210+211+214+216
T30	219+220+222+224+225+226+227+228+234+239
T31	242+244+245+248+250+255+258+259+260+262
T32	265+266+269+271+282+284+286+290+292+294
T33	295+299+301+306+307+308+312
T34	97+151+203+217
T35	243+249+263+281
T36	314
T37	040
T38	042
T39	043
T40	077

Sample Description:

No.	Description	No.	Description
001	White plastic shell(trunk)	002	Black plastic sheet with glue(trunk-white plastic shell)
003	White plastic mesh(trunk-white plastic shell)	004	Black foam (trunk-white plastic shell)
005	Black fabric net(trunk-white plastic shell)	006	Yellow transparent colloid(trunk-white plastic shell)
007	Black rubber button(trunk-white plastic shell)	008	Grey plastic shell(trunk)
009	Black metal screw(trunk)	010	Black plastic frame(large)(trunk)
011	Black plastic frame(small)(trunk)	012	Black plastic sheet(trunk)
013	Black FPC(trunk-black plastic sheet)	014	Silvery metal sheet(trunk)
015	Grey plastic shell(tyre rack)	016	Grey plastic cover(tyre rack)
017	Light grey plastic sheet(tyre rack)	018	White plastic ring(tyre rack)
019	Black plastic rack(large)(tyre rack)	020	Light grey plastic shell(tyre rack)
021	Silvery metal(tyre rack-light grey plastic shell)	022	Beige colloid(tyre rack-light grey plastic shell)
023	Tin solder(tyre rack-light grey plastic shell)	024	White plastic(tyre rack-white terminal)
025	Metal plug pin(tyre rack-white terminal)	026	Black casing tube(tyre rack-white terminal)
027	Red wire jacket(tyre rack-wire rod)	028	Black wire jacket(tyre rack-wire rod)
029	Core of wire(tyre rack-wire rod)	030	Tin solder(tyre rack-wire rod)
031	Black metal screw(long)(tyre rack)	032	Black metal screw(middle)(tyre rack)
033	Black metal screw(short)(tyre rack)	034	Silvery metal screw(tyre rack)
035	Black plastic frame(small)(tyre rack)	036	Black metal screw(tyre rack-small black plastic frame)
037	Transparent plastic frame(tyre rack-motor)	038	Black metal sheet(tyre rack-motor)
039	White plastic gear(tyre rack-motor)	040	Golden metal rod(tyre rack-motor)
041	Black metal screw(tyre rack-motor)	042	Golden metal ring(large)(tyre rack-motor)
043	Golden metal ring(small)(tyre rack-motor)	044	Silvery metal screw(tyre rack-motor)
045	Black metal nut(tyre rack-motor)	046	Silvery metal gear(tyre rack-motor)
047	Brown body(tyre rack-motor-brown resistor)	048	Pin(tyre rack-motor-brown resistor)
049	Black plastic cover(tyre rack-motor)	050	Silvery metal shell(tyre rack-motor)
051	Black magnet(tyre rack-motor)	052	Black rubber sheet with double-sided adhesive tape(tyre rack-motor)
053	Cupreous metal ring(large)(tyre rack-motor)	054	Cupreous metal ring(small)(tyre rack-motor)

No.	Description	No.	Description
055	Tin solder(tyre rack-motor-silvery metal sheet)	056	Carbon block(tyre rack-motor-silvery metal sheet)
057	White plastic ring(tyre rack-motor)	058	Blue plastic ring(tyre rack-motor)
059	Red plastic ring(tyre rack-motor)	060	Silvery metal sheet(tyre rack-motor)
061	Grey plastic ring(tyre rack-motor)	062	Grey plastic frame(tyre rack-motor)
063	Cupreous metal sheet(tyre rack-motor)	064	Tin solder(tyre rack-motor-cupreous metal sheet)
065	Black solid(tyre rack-motor)	066	Silvery metal rod(tyre rack-motor)
067	Silvery silicon steel sheet(tyre rack-motor)	068	Cupreous metal coil(tyre rack-motor)
069	White plastic(tyre rack-motor-white terminal)	070	Metal plug pin(tyre rack-motor-white terminal)
071	Red wire jacket(tyre rack-motor-wire rod)	072	Black wire jacket(tyre rack-motor-wire rod)
073	Core of wire(tyre rack-motor-wire rod)	074	Grey plastic tyre(front wheel)
075	White plastic(front wheel)	076	Grey plastic hub(front wheel)
077	Grey rubber tyre(rear wheel)	078	Grey plastic shell(rear wheel)
079	Yellow colloid(rear wheel)	080	Silvery grey metal block(rear wheel)
081	Grey plastic ring(rear wheel)	082	Grey plastic cover(rear wheel)
083	Silvery metal nut(rear wheel-motor)	084	Silvery magnet(rear wheel-motor)
085	Silvery metal shell(rear wheel-motor)	086	Black magnet(rear wheel-motor)
087	Silvery metal shaft(rear wheel-motor)	088	Green coating(rear wheel-motor)
089	Silvery grey silicon steel sheet(rear wheel-motor)	090	Cupreous metal coil(rear wheel-motor)
091	Black casing tube(rear wheel-motor)	092	Silvery metal outer ring(rear wheel-bearing)
093	silvery metal inner ring(rear wheel-bearing)	094	Silvery metal cover(rear wheel-bearing)
095	Silvery metal rack(rear wheel-bearing)	096	Steel ball(rear wheel-bearing)
097	Green PCB(rear wheel - PCB(791401A-Y130))	098	Black metal screw(rear wheel - PCB(791401A-Y130))
099	Beige plastic(rear wheel-PCB(791401A-Y130)- interface)	100	Metal plug pin(rear wheel - PCB(791401A-Y130)-interface)
101	Tin solder(rear wheel - PCB(791401A-Y130))	102	Blue casing tube(rear wheel - PCB(791401A-Y130))
103	Cupreous wire(rear wheel - PCB(791401A-Y130))	104	White plastic(rear wheel connection harness-terminal)
105	Metal plug pin(rear wheel connection harness-terminal)	106	Black foam with glue(rear wheel connection harness-magnet ring)
107	Magnet core(rear wheel connection harness-magnet ring)	108	Black wire jacket(rear wheel connection harness-wire rod)

No.	Description	No.	Description
109	Core of wire(rear wheel connection harness-wire rod)	110	White plastic gear(ear)
111	White plastic parts(ear)	112	Black plastic shell(ear)
113	Black metal screw(ear)	114	Grey plastic shell(ear)
115	White plastic ring(ear-grey plastic shell)	116	White plastic rack(ear)
117	White plastic shell(ear)	118	Transparent lamp body(ear-light-emitting diode)
119	Metal pin(ear-light-emitting diode)	120	Red wire jacket(ear-light-emitting diode-wire rod)
121	Black wire jacket(ear-light-emitting diode-wire rod)	122	Core of wire(ear-light-emitting diode-wire rod)
123	White plastic(ear-motor-white terminal)	124	Metal plug pin(ear-motor-white terminal)
125	Red wire jacket(ear-motor-wire rod)	126	Black wire jacket(ear-motor-wire rod)
127	Core of wire(ear-motor-wire rod)	128	Silvery metal shell(ear-motor)
129	Black magnet(ear-motor)	130	Golden metal ring(large)(ear-motor)
131	Golden metal ring(small)(ear-motor)	132	Black plastic cover(ear-motor)
133	Grey plastic ring(ear-motor)	134	Silvery metal sheet(ear-motor)
135	White plastic ring(ear-motor)	136	Beige plastic rack(ear-motor)
137	Black solid(ear-motor)	138	Tin solder(ear-motor-black solid)
139	Cupreous metal sheet(ear-motor)	140	Silvery metal screw(ear-motor)
141	Grey plastic shell(ear-motor)	142	Brown body(ear-motor-brown resistor)
143	Pin(ear-motor-brown resistor)	144	Silvery metal sheet(ear-motor)
145	Tin solder(ear-motor-silvery metal sheet)	146	Silvery metal rod (ear-motor)
147	Cupreous metal coil(ear-motor)	148	White plastic frame(ear-motor)
149	Silvery silicon steel sheet(ear-motor)	150	Red plastic frame(ear-motor)
151	Green PCB(ear-PCB)	152	Black plastic shell(ear-PCB-R1 resistor)
153	Grey plastic(ear-PCB-R1 resistor)	154	Brown plastic(ear-PCB-R1 resistor)
155	Metal contact pin(ear-PCB-R1 resistor)	156	White plastic(ear-PCB-white terminal)
157	Metal plug pin(ear-PCB-white terminal)	158	Red wire jacket(ear-PCB-wire rod)
159	White wire jacket(ear-PCB-wire rod)	160	Black wire jacket(ear-PCB-wire rod)
161	Wire core(ear-PCB-wire rod)	162	Tin solder(ear-PCB)
163	Black coating(screen-outside screen)	164	Transparent glass screen(screen-outside screen)
165	Transparent double-sided tape (screen-inner screen)	166	Black glass(screen-inner screen)
167	Black FPC(screen)	168	Brown plastic sheet(screen-black FPC)
169	Silvery conductive cloth(screen)	170	Silvery metal shell(screen)
171	White plastic frame(screen)	172	Frosted white plastic(screen)

No.	Description	No.	Description
173	Translucent plastic sheet(screen)	174	Black tape(screen-translucent plastic sheet)
175	White plastic sheet(screen)	176	Transparent plastic sheet(screen)
177	White tape paper(screen-transparent plastic sheet)	178	Yellow FPC(screen)
179	Black metal screw(long)(speaker)	180	Black foam washer(speaker-black metal screw(long))
181	Black metal screw(short)(speaker)	182	Black plastic shell(speaker)
183	Black plastic frame(speaker)	184	Silvery metal(speaker-black plastic frame)
185	Tin solder(speaker-black plastic frame)	186	Silvery metal sheet(speaker)
187	Silvery magnet(speaker)	188	Sound basin(speaker)
189	Voice coil(speaker)	190	Transparent double-sided tape(speaker)
191	White plastic(speaker-white terminal)	192	Metal plug pin(speaker-white terminal)
193	Grey foam(speaker)	194	Red wire jacket(speaker-wire rod)
195	Black wire jacket(speaker-wire rod)	196	Core of wire(speaker-wire)
197	Silvery grey metal frame (PCB(MAIN-PCB-4.0))	198	Silvery conductive cloth (PCB(MAIN-PCB-4.0)-silvery grey metal frame)
199	Black foam(PCB(MAIN-PCB-4.0)-silvery grey metal frame)	200	Silvery metal shell(PCB(MAIN-PCB-4.0))
201	Grey colloid(PCB(MAIN-PCB-4.0)-silvery metal shell)	202	Grey glue block(PCB(MAIN-PCB-4.0))
203	Green PCB(PCB(MAIN-PCB-4.0))	204	Silvery metal shell (PCB(MAIN-PCB-4.0)-CPU)
205	Green plastic pedestal (PCB(MAIN-PCB-4.0)-CPU)	206	Black plastic((PCBMAIN-PCB-4.0)-black interface)
207	Metal plug pin(PCB(MAIN-PCB-4.0)-black interface)	208	Beige plastic(PCB(MAIN-PCB-4.0)-beige interface)
209	Metal plug pin(PCB(MAIN-PCB-4.0)-beige interface)	210	Black metal screw (PCB(XIAOKEA1-USB-DVT))
211	Silvery metal sheet (PCB(XIAOKEA1-USB-DVT))	212	Black FPC(PCB(XIAOKEA1-USB-DVT))
213	Silvery conductive cloth (PCB(XIAOKEA1-USB-DVT)-FPC)	214	Silvery metal sheet (PCB(XIAOKEA1-USB-DVT)-FPC)
215	Black plastic(PCB(XIAOKEA1-USB-DVT)-FPC-black interface)	216	Metal plug pin (PCB(XIAOKEA1-USB-DVT)-FPC-black interface)

No.	Description	No.	Description
217	Green PCB(PCB(XIAOKEA1-USB-DVT))	218	Beige plastic (PCB(XIAOKEA1-USB-DVT)-beige interface)
219	Metal plug pin (PCB(XIAOKEA1-USB-DVT)-beige interface)	220	Silvery metal shell (PCB(XIAOKEA1-USB-DVT)-Type-C interface)
221	Grey plastic(PCB(XIAOKEA1-USB-DVT)-Type-C interface)	222	Metal plug pin (PCB(XIAOKEA1-USB-DVT)-Type-C interface)
223	White plastic (PCB(XIAOKEA1-USB-DVT)-white interface)	224	metal plug pin (PCB(XIAOKEA1-USB-DVT)-white interface)
225	Silvery nut column (PCB(XIAOKEA1-USB-DVT))	226	Silvery metal shell (PCB(XIAOKEA1-USB-DVT)-button)
227	Golden metal button (PCB(XIAOKEA1-USB-DVT)-button)	228	Metal shrapnel (PCB(XIAOKEA1-USB-DVT)-button)
229	Black plastic pedestal (PCB(XIAOKEA1-USB-DVT)-button)	230	Silvery conductive cloth (PCB(XIAOKEA1-USB-DVT))
231	Black foam(PCB(XIAOKEA1-USB-DVT))	232	Black plastic shell (PCB(MIBOT-LCD2022-7-22)-camera)
233	Lens(PCB(MIBOT-LCD2022-7-22)-camera)	234	Silvery metal plate (PCB(MIBOT-LCD2022-7-22)-camera)
235	Yellow FPC(PCB(MIBOT-LCD2022-7-22)-camera)	236	Black plastic sheet (PCB(MIBOT-LCD2022-7-22)-camera)
237	Black yellow FPC (PCB(MIBOT-LCD2022-7-22)-FPC)	238	Brown plastic sheet (PCB(MIBOT-LCD2022-7-22)-FPC)
239	Silvery metal sheet (PCB(MIBOT-LCD2022-7-22)-FPC)	240	Transparent double-sided tape (PCB(MIBOT-LCD2022-7-22)-FPC)
241	Black rubber sleeve (PCB(MIBOT-LCD2022-7-22))	242	Silvery metal frame (PCB(MIBOT-LCD2022-7-22))
243	Green PCB(PCB(MIBOT-LCD2022-7-22))	244	Magnet core (PCB(MIBOT-LCD2022-7-22)-inductor)
245	Coil(PCB(MIBOT-LCD2022-7-22)-inductor)	246	Black plastic (PCB(MIBOT-LCD2022-7-22)-black white interface)
247	White plastic (PCB(MIBOT-LCD2022-7-22)-black white interface)	248	Metal plug pin (PCB(MIBOT-LCD2022-7-22)-black white interface)

No.	Description	No.	Description
249	Green PCB(PCB(MIBOT-MIC2022-7-26))	250	Silvery metal shell (PCB(MIBOT-MIC2022-7-26))
251	Black rubber sleeve with double-sided tape(PCB(MIBOT-MIC2022-7-26))	252	Black rubber sleeve (PCB(MIBOT-MIC2022-7-26-MIC))
253	Black cloth(PCB(MIBOT-MIC2022-7-26-MIC))	254	Microphone body (PCB(MIBOT-MIC2022-7-26-MIC))
255	Tin solder(PCB(MIBOT-MIC2022-7-26-MIC))	256	Black wire jacket (PCB(MIBOT-MIC2022-7-26-MIC))
257	Red wire jacket (PCB(MIBOT-MIC2022-7-26-MIC))	258	Core of wire (PCB(MIBOT-MIC2022-7-26-MIC))
259	Metal contact pin (PCB(MIBOT-MIC2022-7-26))	260	Silvery nut column (PCB(MIBOT-MIC2022-7-26))
261	White plastic (PCB(MIBOT-MIC2022-7-26)-white terminal)	262	Metal plug pin (PCB(MIBOT-MIC2022-7-26)-white terminal)
263	Green PCB(PCB(MIBOT-MIC2022-7-26)-SMD PCB)	264	Black body(charging diode)
265	Pin(charging diode)	266	Tin solder(charging diode)
267	Black casing tube(charging diode)	268	White plastic(charging diode-white terminal)
269	Metal plug pin(charging diode-white terminal)	270	Red wire jacket(charging diode-white terminal)
271	Core of wire(charging diode-white terminal)	272	Black foam(front wheel filling)
273	Black solid with tape with film (heat dissipation graphene)	274	Transparent double-sided adhesive tape(battery)
275	Black foam with glue(battery)	276	Black plastic jacket with lettering(battery)
277	Black plastic sheets with glue(battery)	278	Black tape(battery)
279	White tape paper(battery)	280	Black double-sided adhesive tape(battery)
281	Black PCB(battery-PCB(LPA2451))	282	Silvery metal sheet (battery-PCB(LPA2451))
283	Blue transparent colloid (battery-PCB(LPA2451))	284	Tin solder(battery-PCB(LPA2451))
285	White plastic(battery-cable-white terminal)	286	Metal plug pin(battery-cable-white terminal)
287	Black wire jacket(battery-cable-white terminal)	288	White wire jacket(battery-cable-white terminal)
289	Red wire jacket(battery-cable-white terminal)	290	Core of wire(battery-cable-white terminal)

No.	Description	No.	Description
291	White plastic shell(data line-USB interface)	292	Silvery metal shell(data line-USB interface)
293	White plastic(data line-USB interface)	294	Metal pin(data line-USB interface)
295	Tin solder(data line-USB interface)	296	Translucent colloid(data line-USB interface)
297	White encapsulation(data line-USB interface)	298	White plastic shell(data line-Type-C interface)
299	Silvery metal shell(data line-Type-C interface)	300	White plastic(data line-Type-C interface)
301	Metal pin(data line-Type-C interface)	302	Blue PCB(data line-Type-C interface)
303	Blue colloid(data line-Type-C interface)	304	White encapsulation(data line-Type-C interface)
305	White exterior wire jacket(data line-wire)	306	Silvery metal mesh(data line-wire rod)
307	Silvery metal foil(data line-wire rod)	308	Silvery metal wire(data line-wire rod)
309	Red inner wire jacket(data line-wire rod)	310	White inner wire jacket(data line-wire rod)
311	Green inner wire jacket(data line-wire rod)	312	Core of wire(data line-wire rod)
313	White rubber ring(data line-tie)	314	Cell(mixed test)(battery-cell)

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*	7789-6-2	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	[®] Sodium peroxometaborate perboric acid, sodium salt*	/	239-172-9/ 234-390-0	0.010
XI	155	[®] 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	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	0.050
XIX	186	[®] Disodium octaborate*	12008-41-2	234-541-0	0.010
XIX	187	Dodecamethylcyclohexasiloxane (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)propane1,3-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

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) 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. ^ As the client's declaration, the content of Cobalt was not from Cobalt dichloride, Cobalt(II) sulphate, Cobalt(II) dinitrate, Cobalt(II) carbonate, Cobalt(II) diacetate.
10. The test results in this report are only responsible for the tested samples. According to the client's statement, series models are the same material as the test models. The series model samples provided by customers have not been tested in this report.

Sample photo(s):



Fig.1



Fig.2

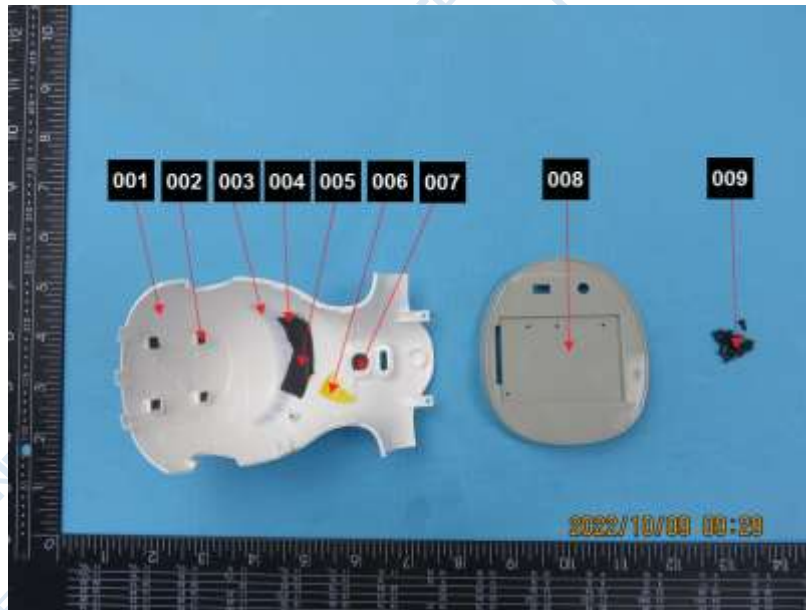


Fig.3

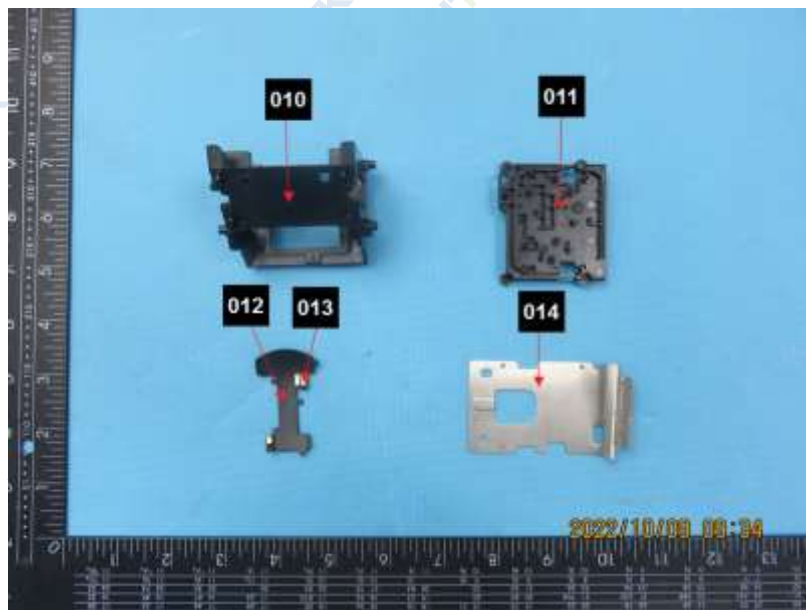


Fig.4



Fig.5

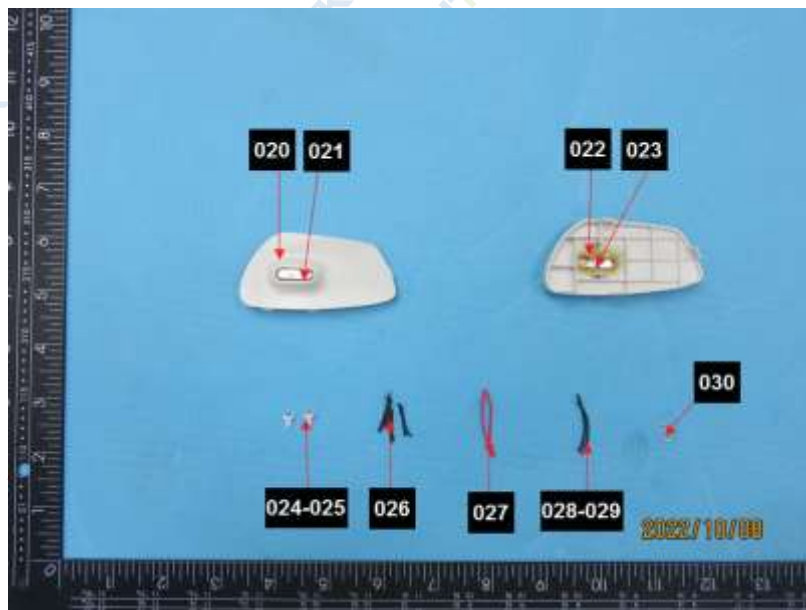


Fig.6

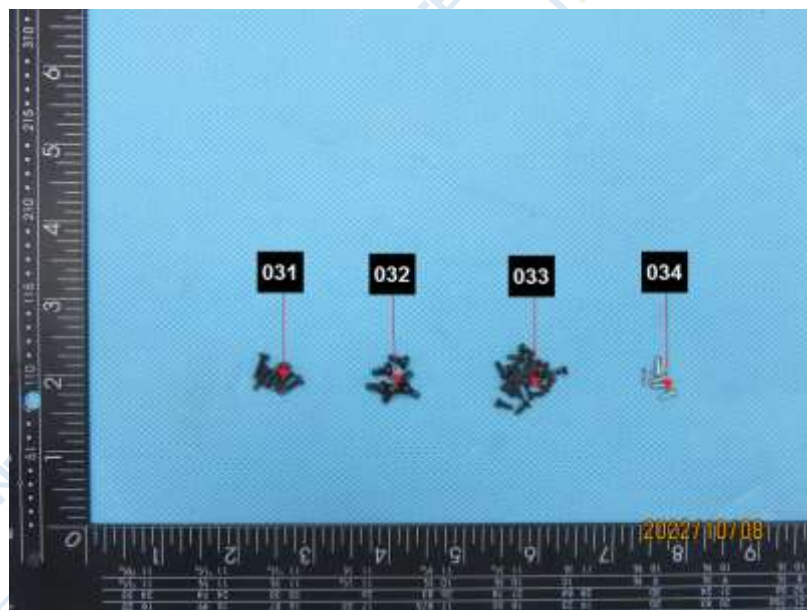


Fig.7

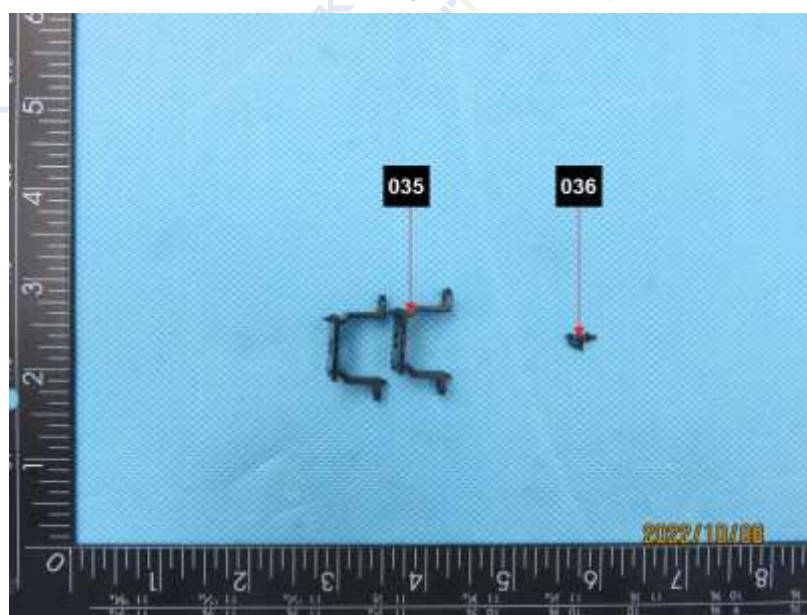


Fig.8

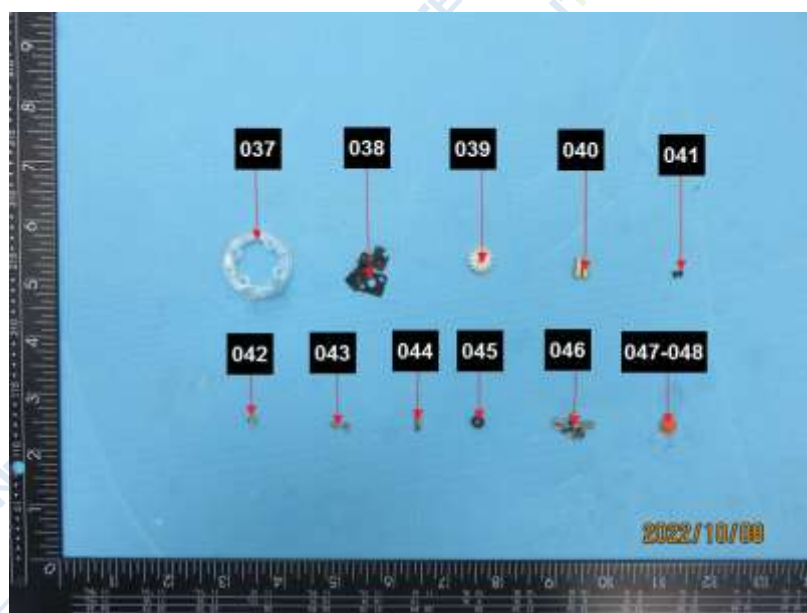


Fig.9

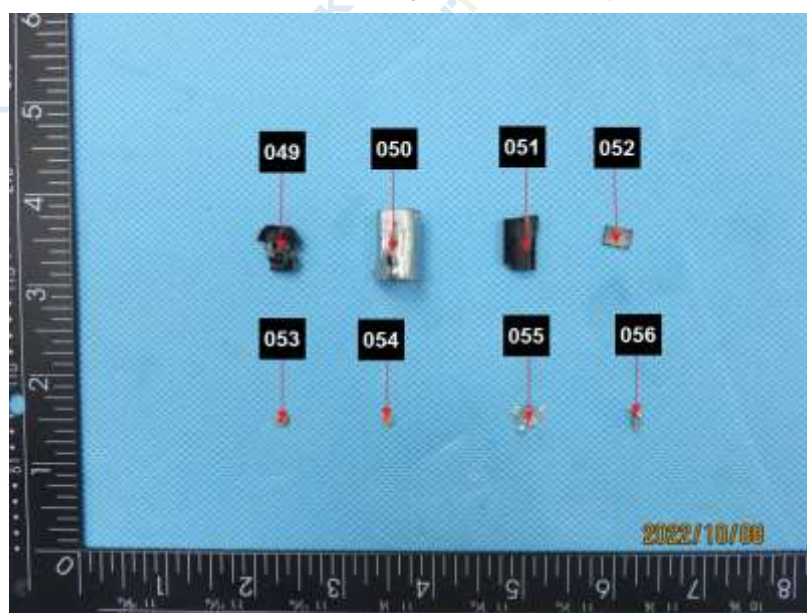


Fig.10

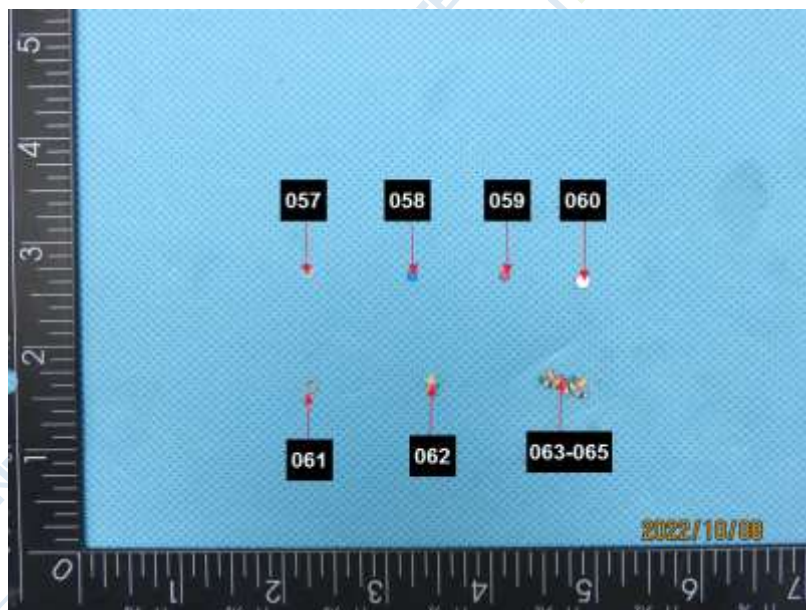


Fig.11

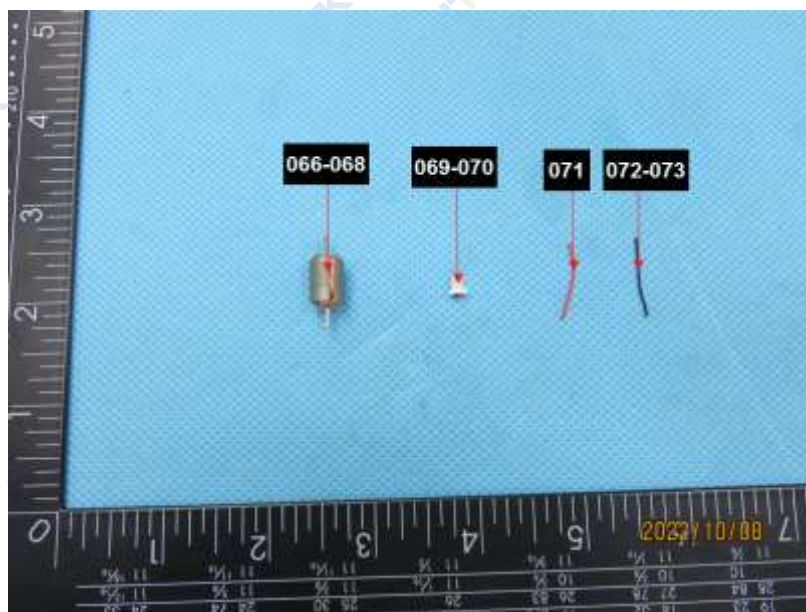


Fig.12

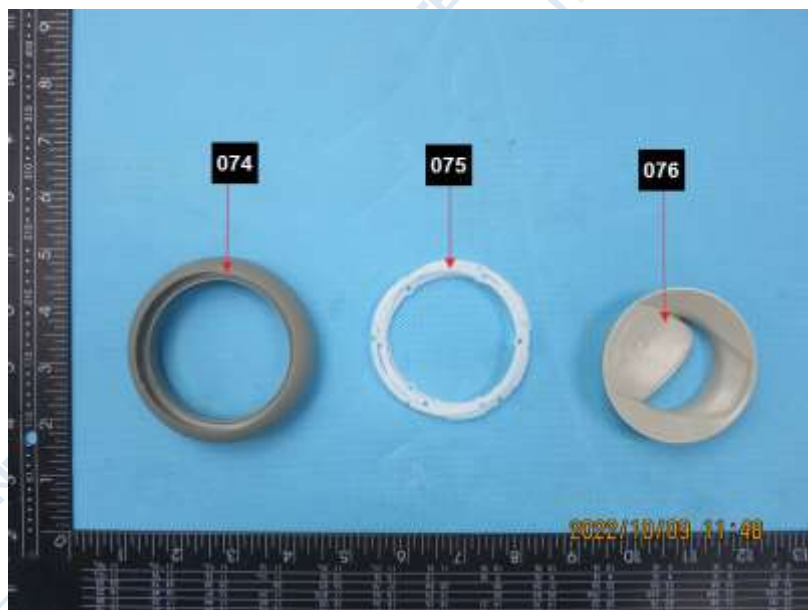


Fig.13

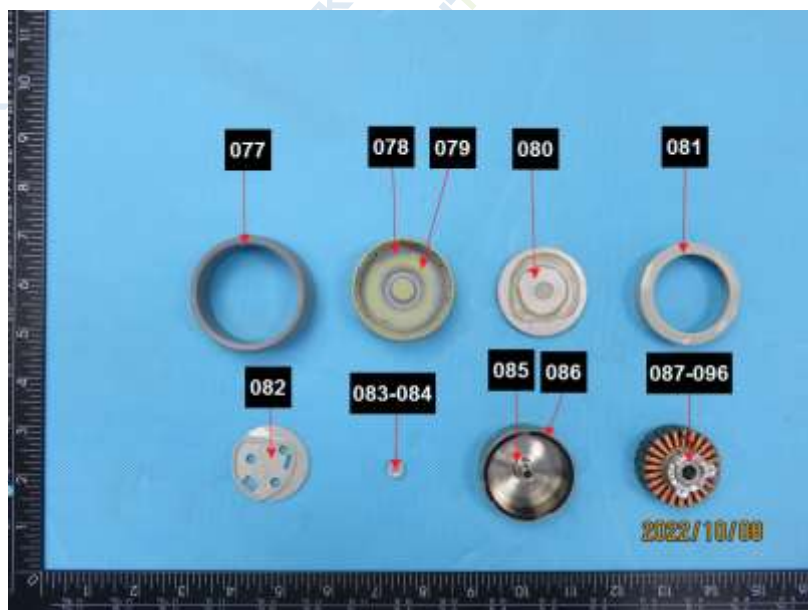


Fig.14

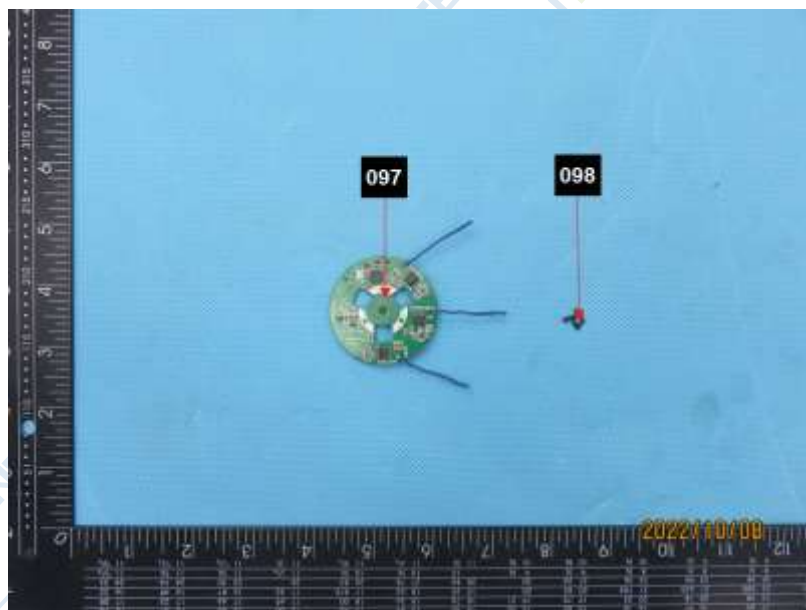


Fig.15

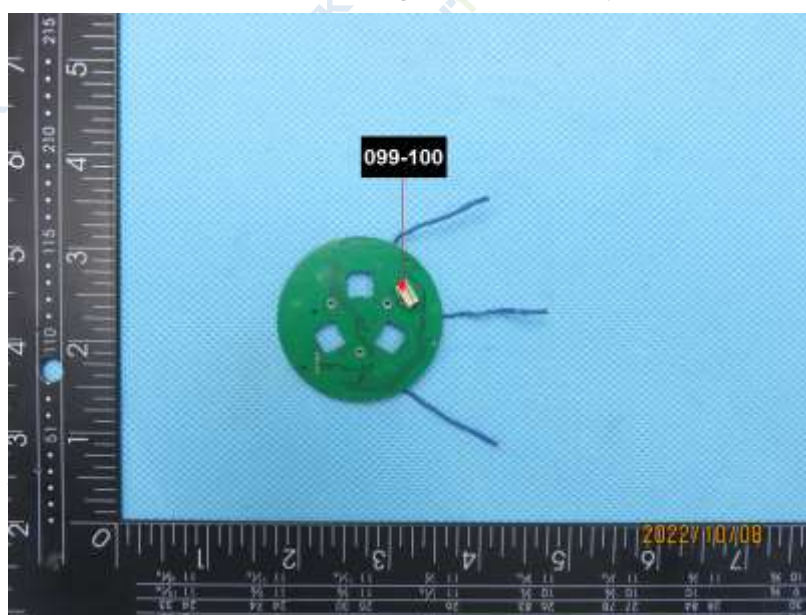


Fig.16

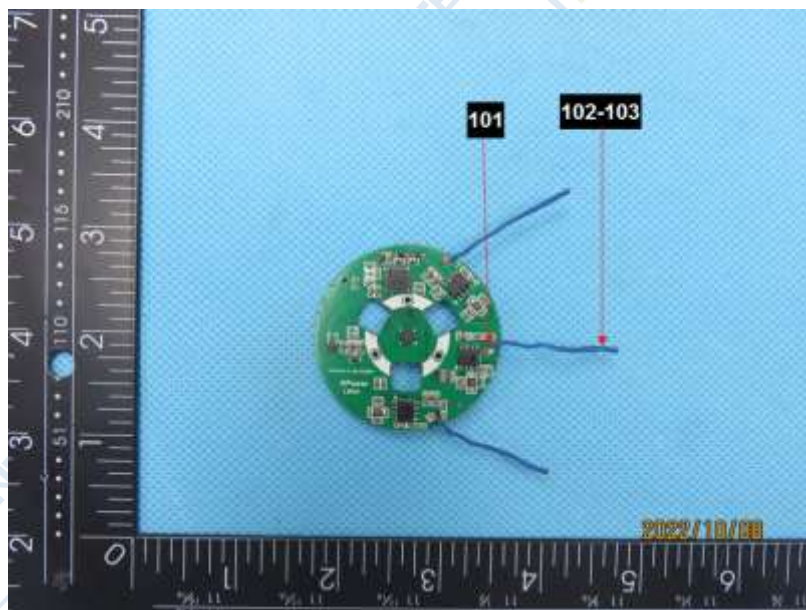


Fig.17

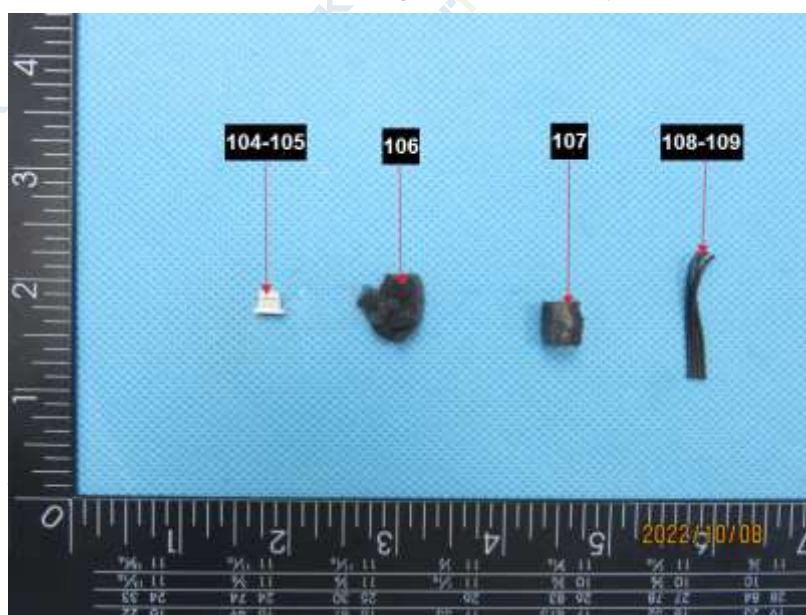


Fig.18



Fig.19

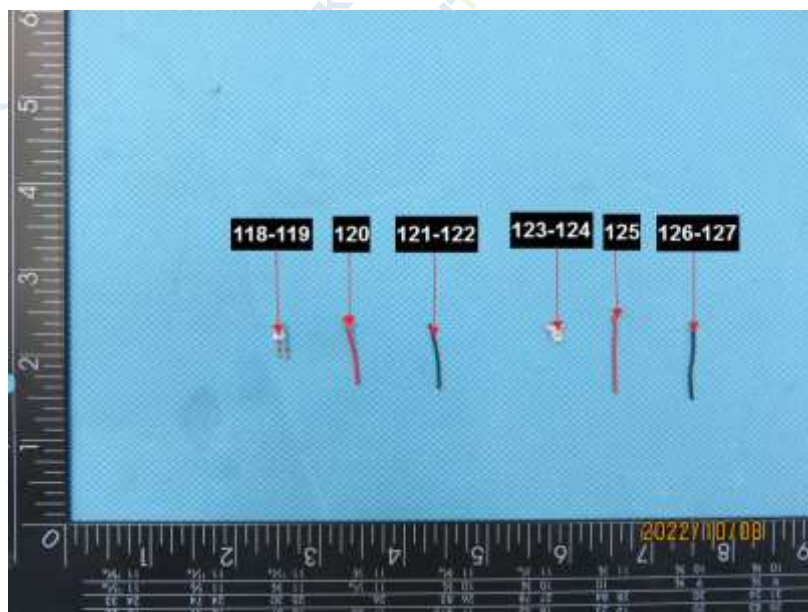


Fig.20

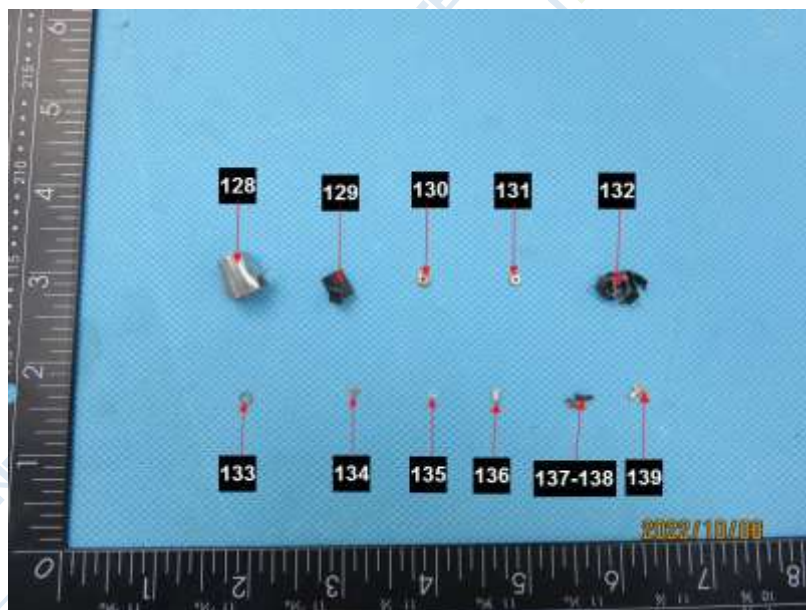


Fig.21

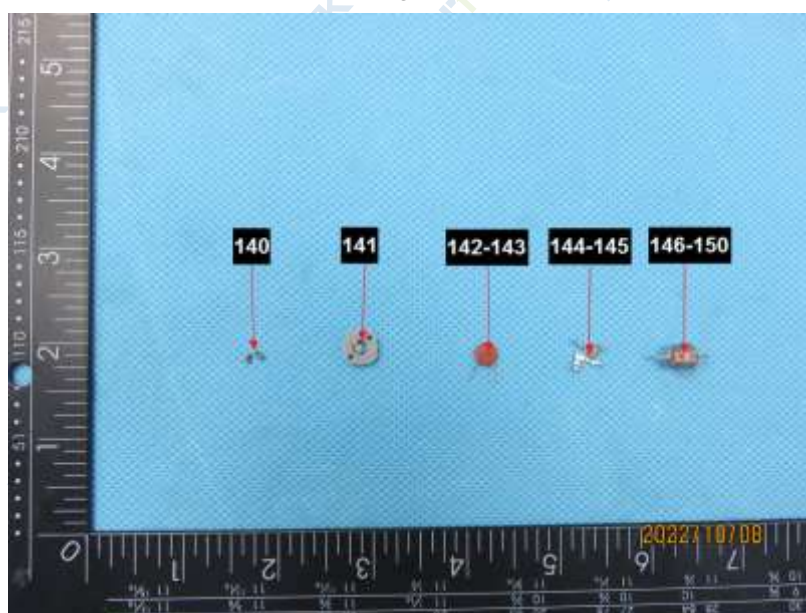


Fig.22

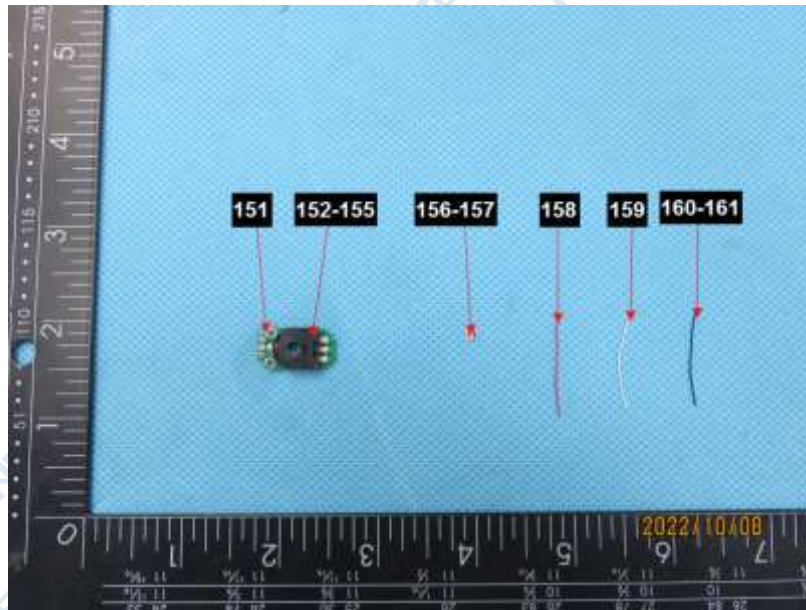


Fig.23

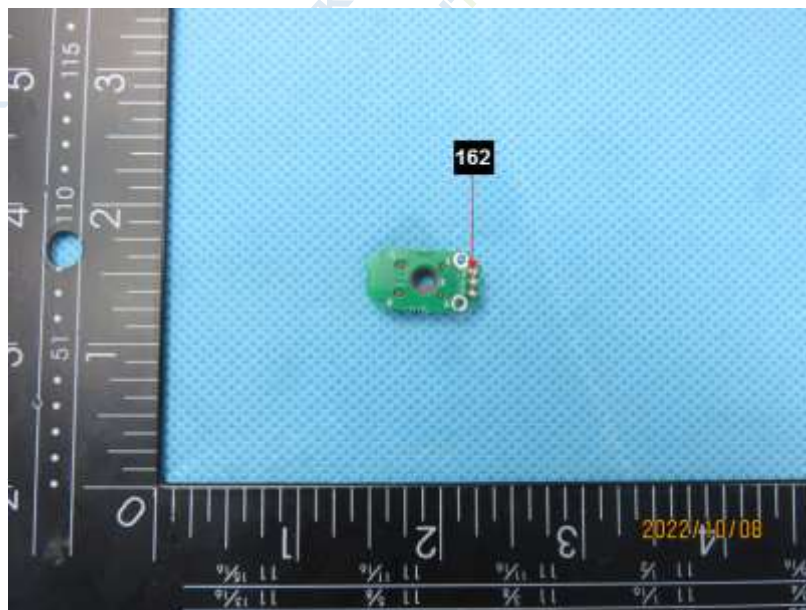


Fig.24

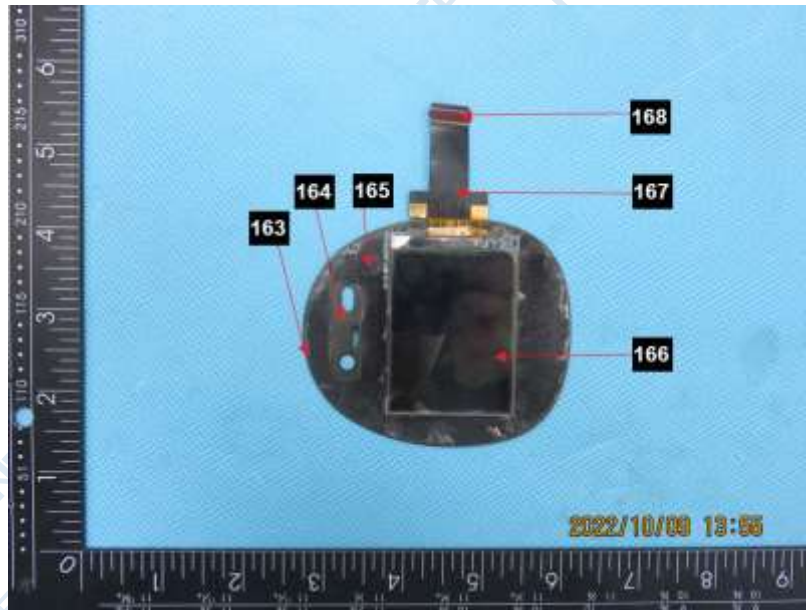


Fig.25

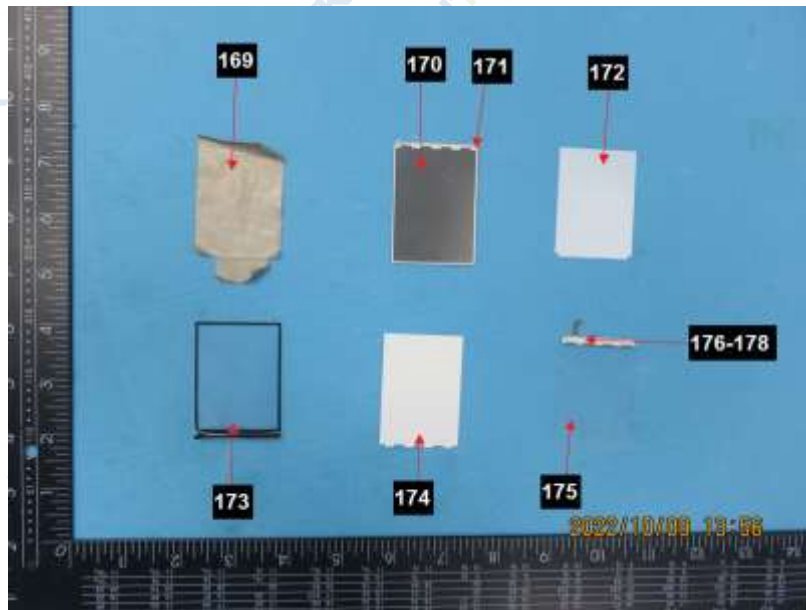


Fig.26

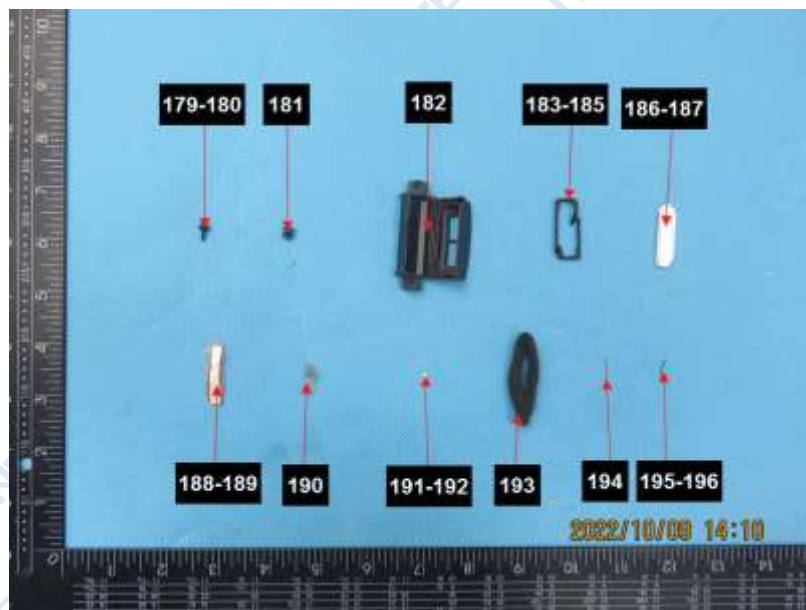


Fig.27

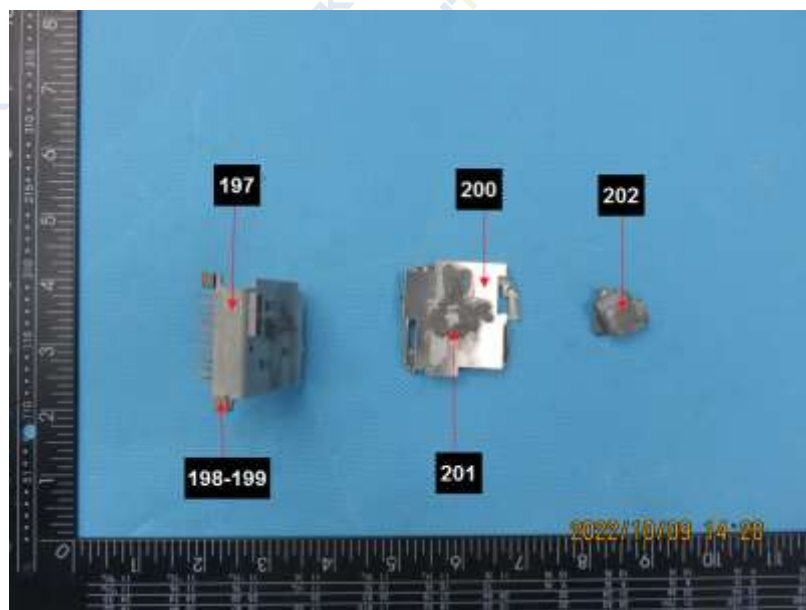


Fig.28

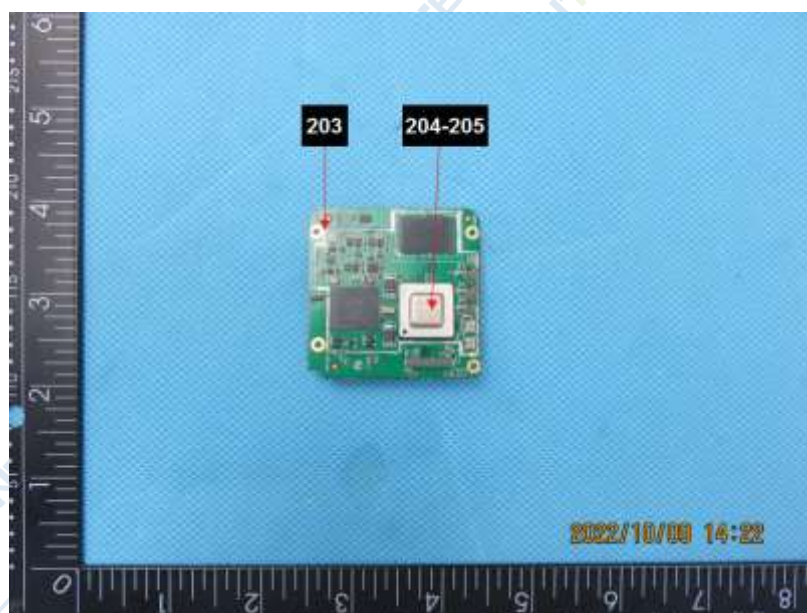


Fig.29

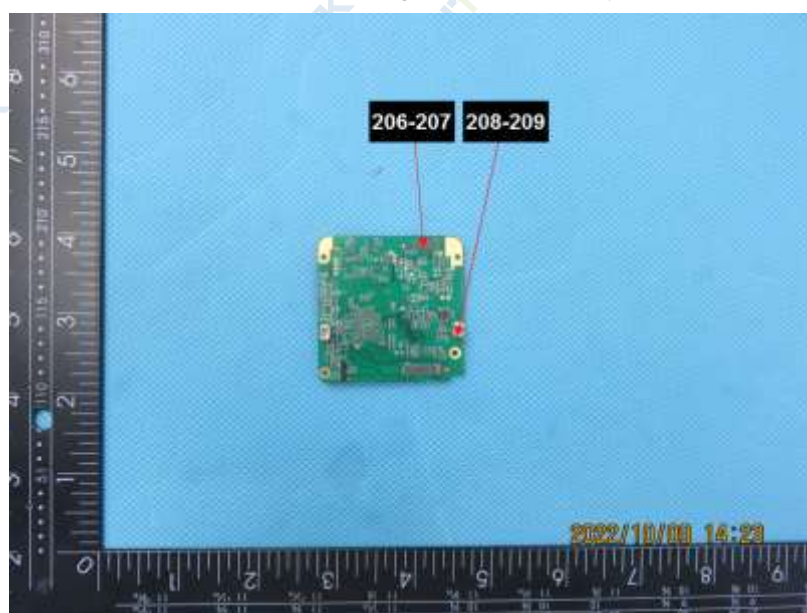


Fig.30

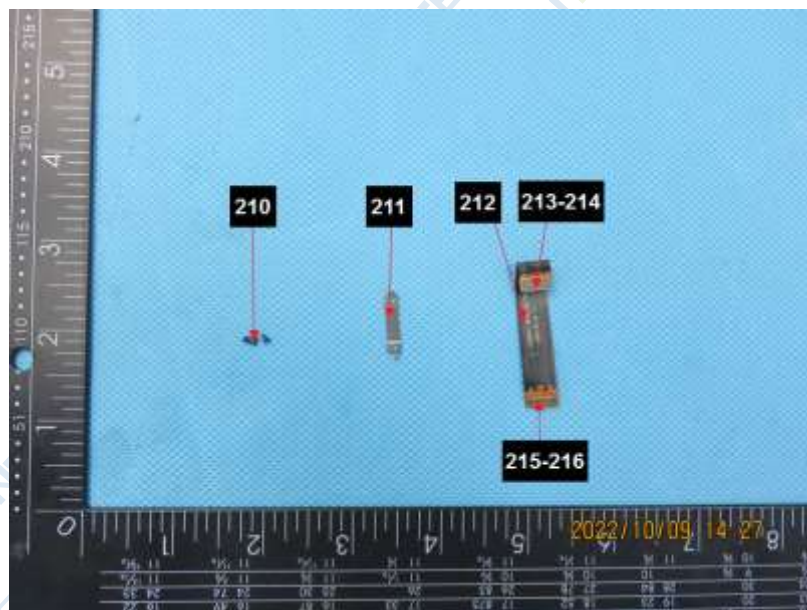


Fig.31

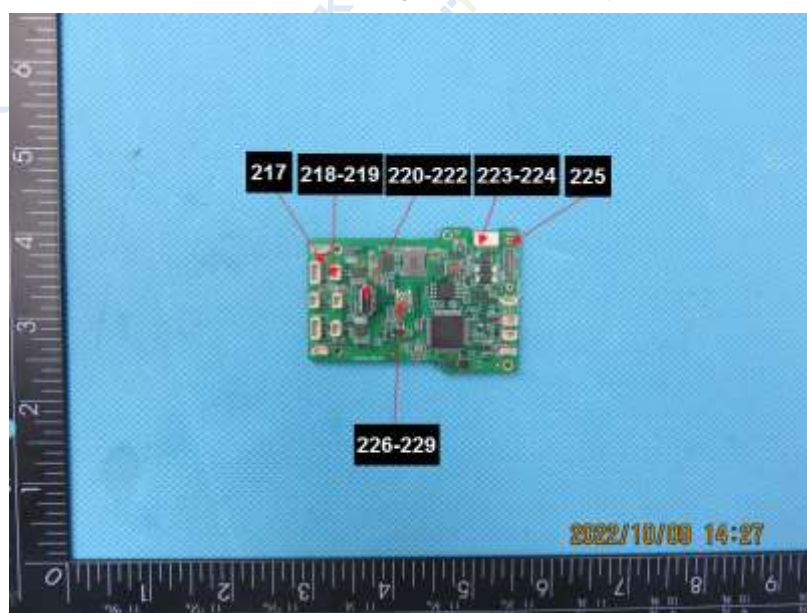


Fig.32



Fig.33

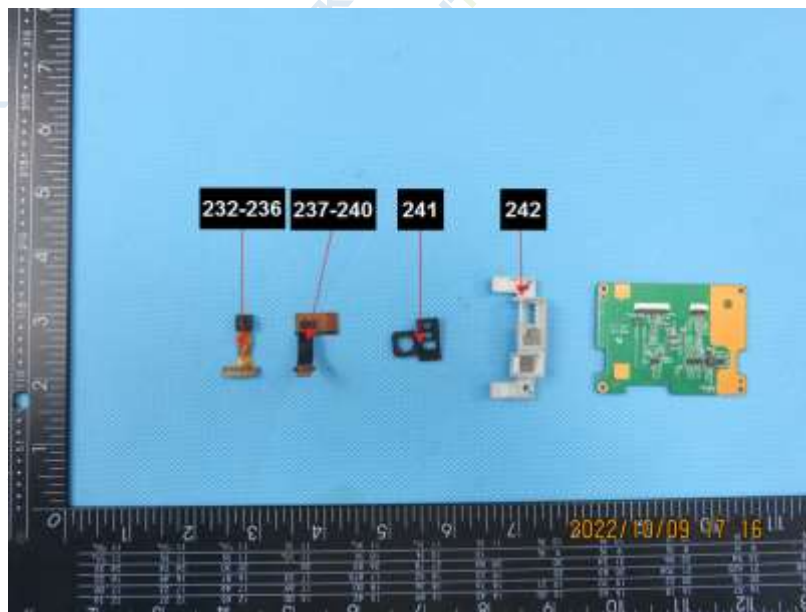


Fig.34

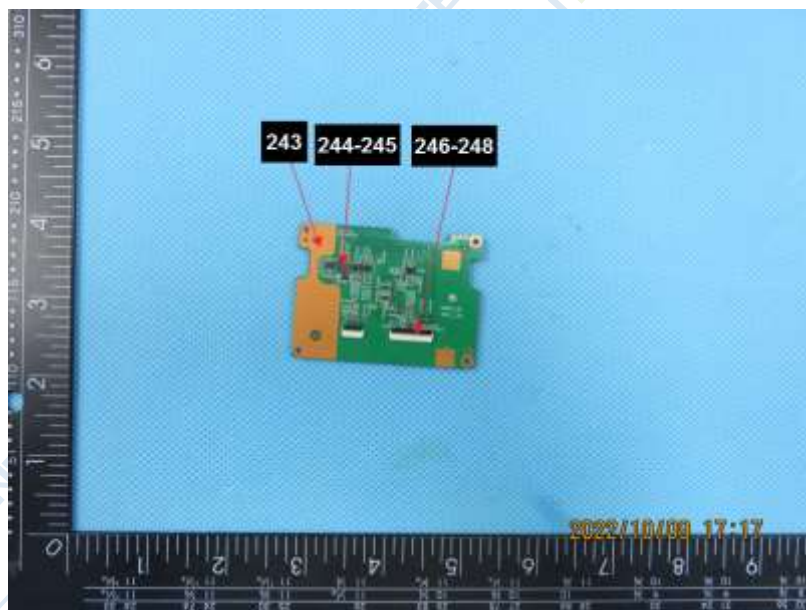


Fig.35

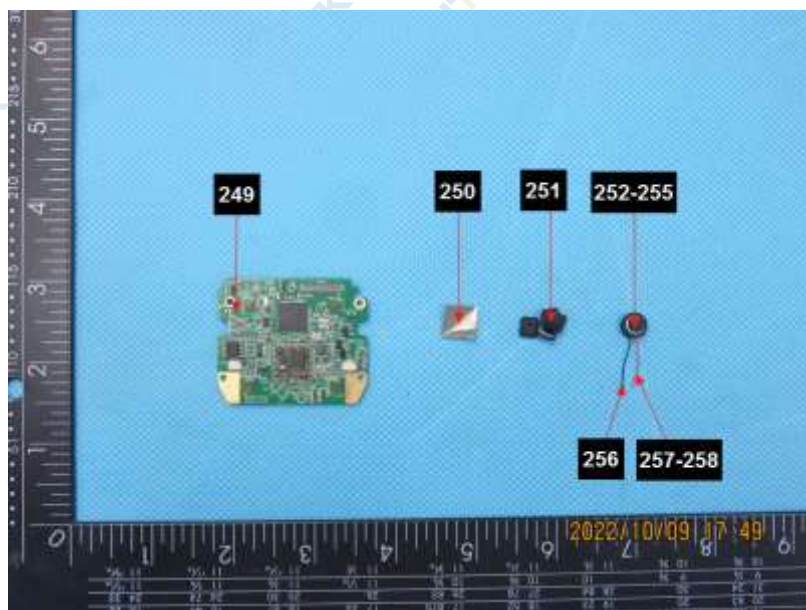


Fig.36

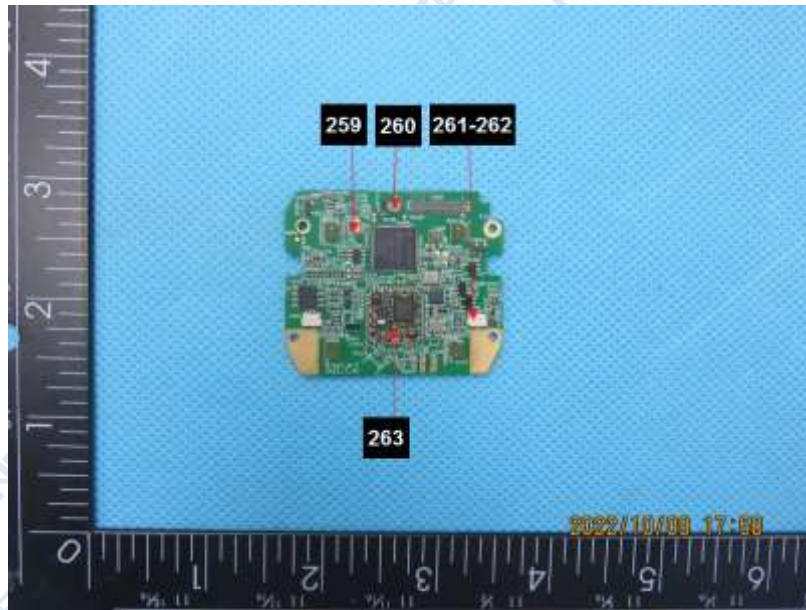


Fig.37

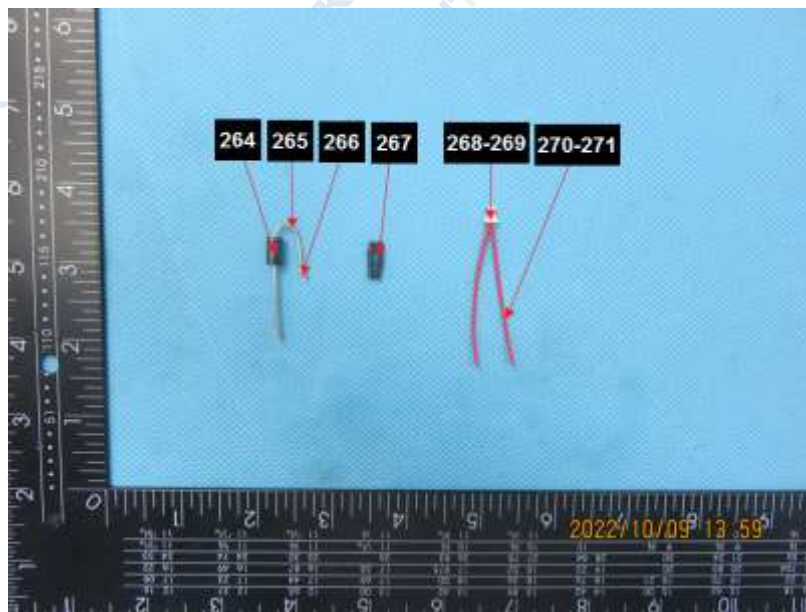


Fig.38

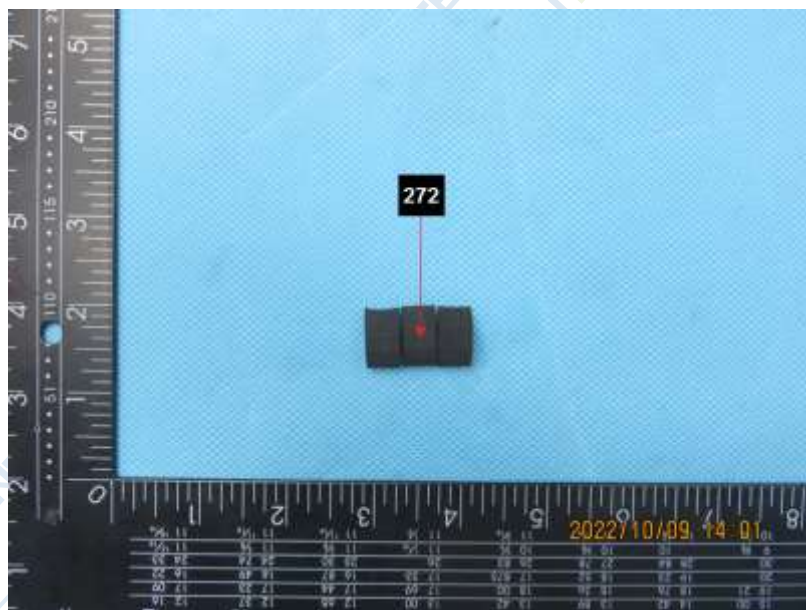


Fig.39

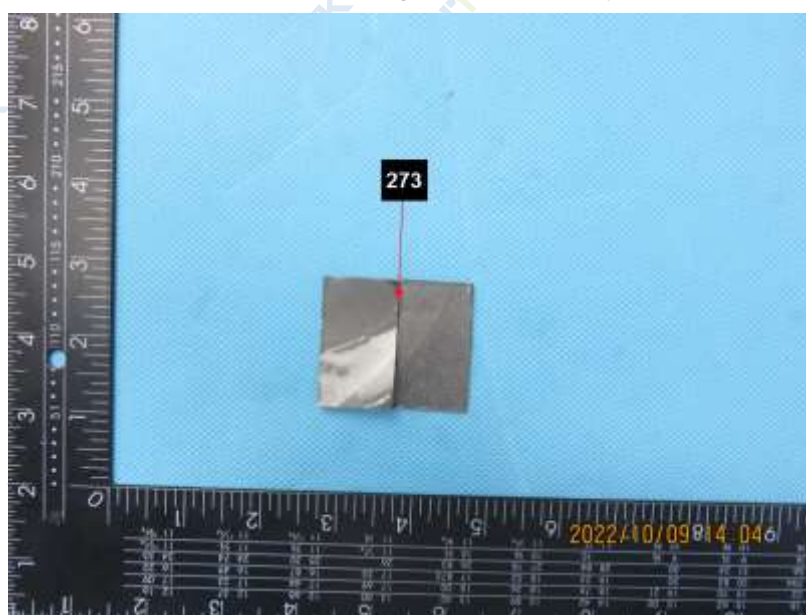


Fig.40



Fig.41

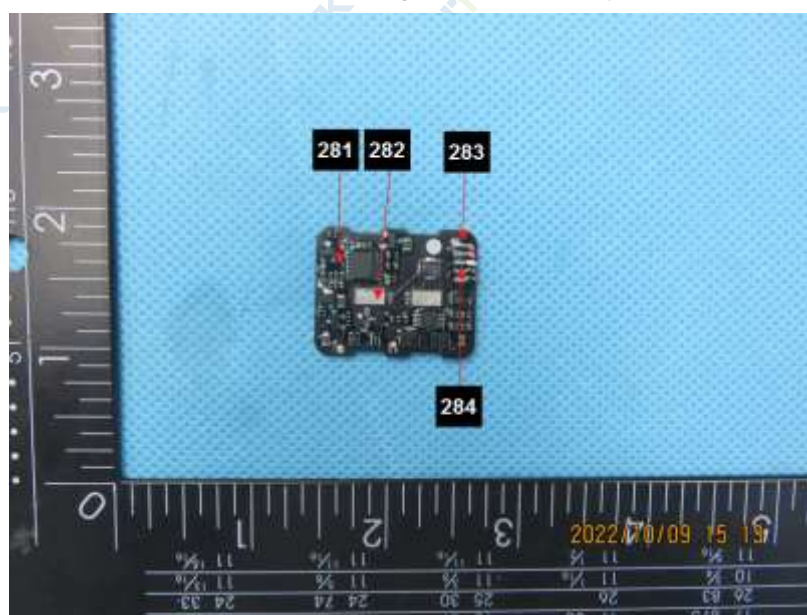


Fig.42

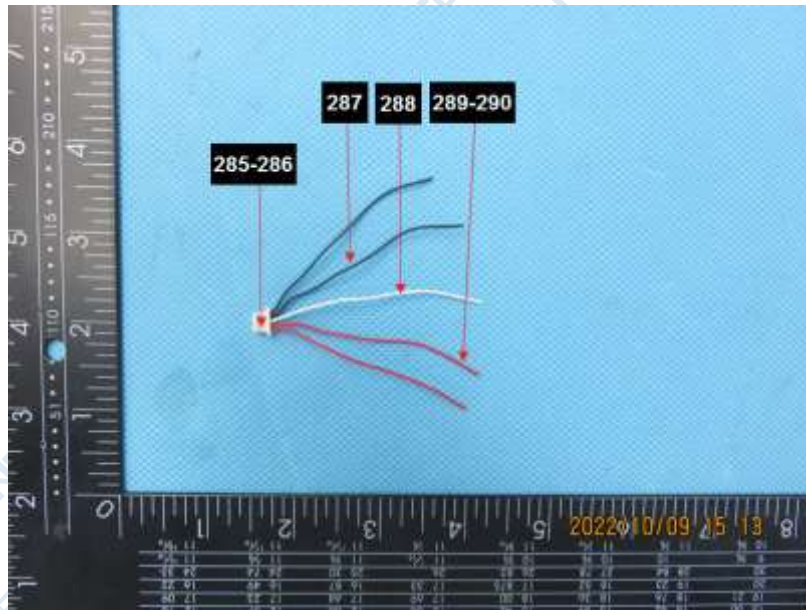


Fig.43

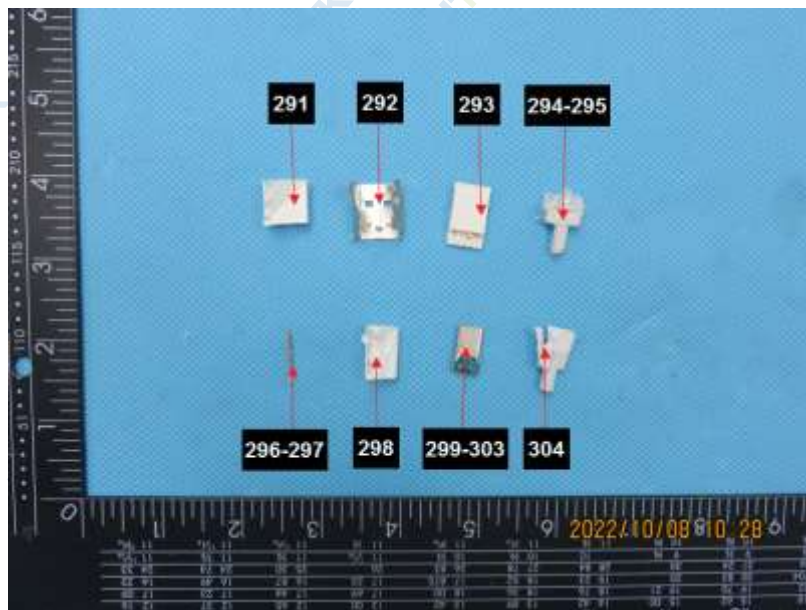


Fig.44

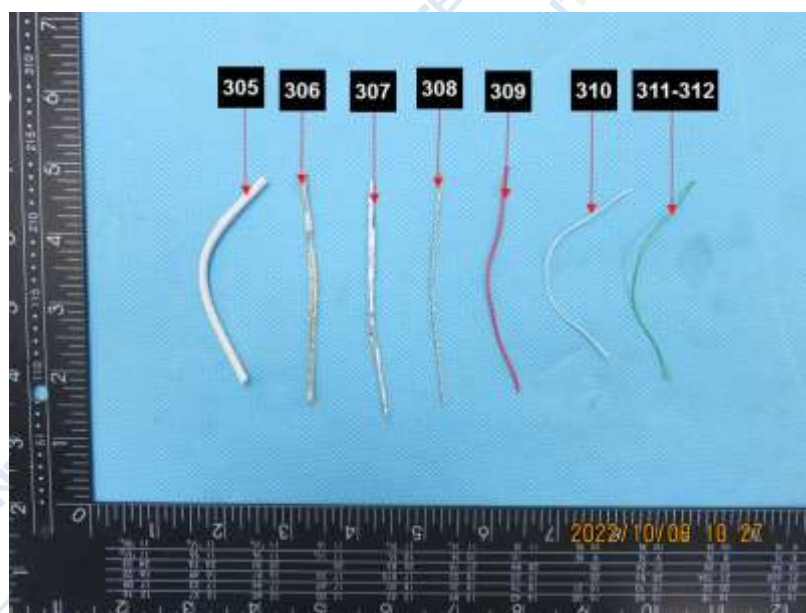


Fig.45

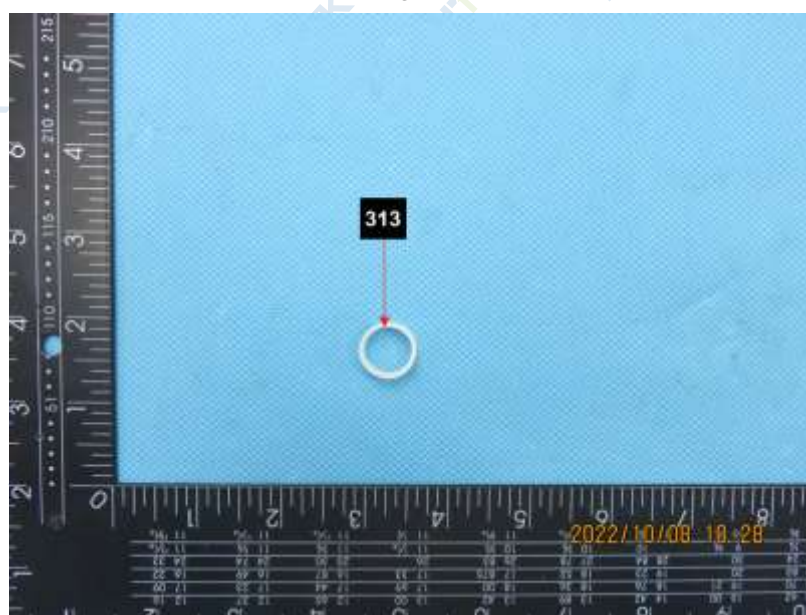


Fig.46

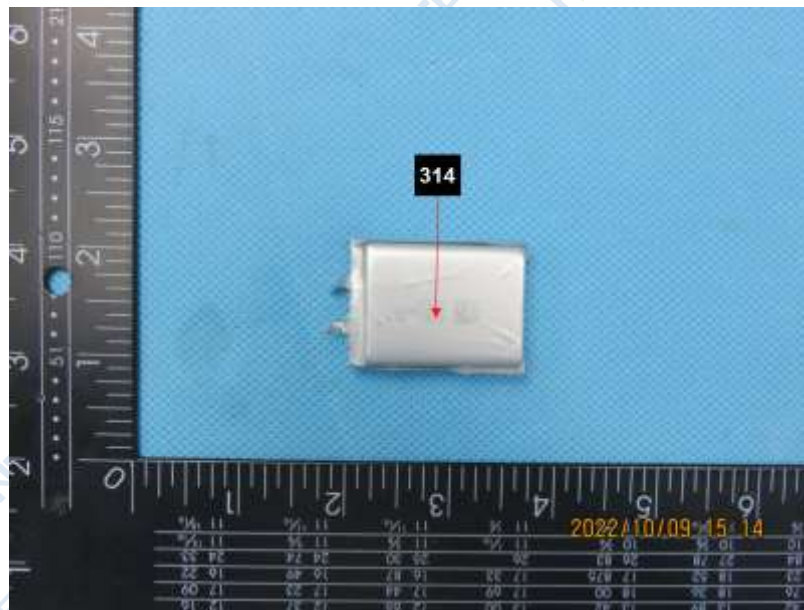


Fig.47

****End of Report****

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