



中国认可
国际互认
检测
TESTING
CNAS L1744

TEST REPORT



LAB NO. : (8824)015-0073
DATE : Jan 27, 2024
PAGE : 1 OF 25

Applicant Name: SHANTOU CITY YOUJIE TECHNOLOGY CO.,LTD
Applicant Address: SHANGXINDONG ROAD,SHANGCUN,LIANXIA TOWN,CHENGHAI DISTRICT,SHANTOU CITY
Date of Submission: JAN 15, 2024
Test Period: JAN 15, 2024 TO JAN 27, 2024
Sample Description: R/C CAR
Style No. : UJ99-Y200、UJ99-Y201、UJ99-Y202、UJ99-Y203、UJ99-P380、UJ99-P381、UJ99-P382、UJ99-P383、UJ99-PY360、UJ99-PY361、UJ99-PY362、UJ99-PY363、UJ99-Q240、UJ99-Q241、UJ99-Q242、UJ99-Q243、UJ99-ZK01、UJ99-ZK02
Sample Size: 1



BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Lisa Bai

Lisa Bai
Analytical lab technical ass. manager

RT/Daisy Cai

REMARK

If there are questions or concerns on this report, please contact the following persons:

Report Enquiry: (86) 0769 89952999 Ext. 8175 CPSAnalytical.DG@bureauveritas.com

Business Contact: (86) 0769 85893595

This report shall not be reproduced except in full, without the written approval of our laboratory.



LAB NO. : (8824)015-0073
DATE : Jan 27, 2024
PAGE : 2 OF 25

SUMMARY OF TEST RESULTS

TEST ON REQUESTED COMPONENT(S)	CONCLUSION	REMARK
European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendment Directive (EU)2015/863 on certain component	PASS	-

Photo of the Submitted Sample



Photo of Test Item(s)

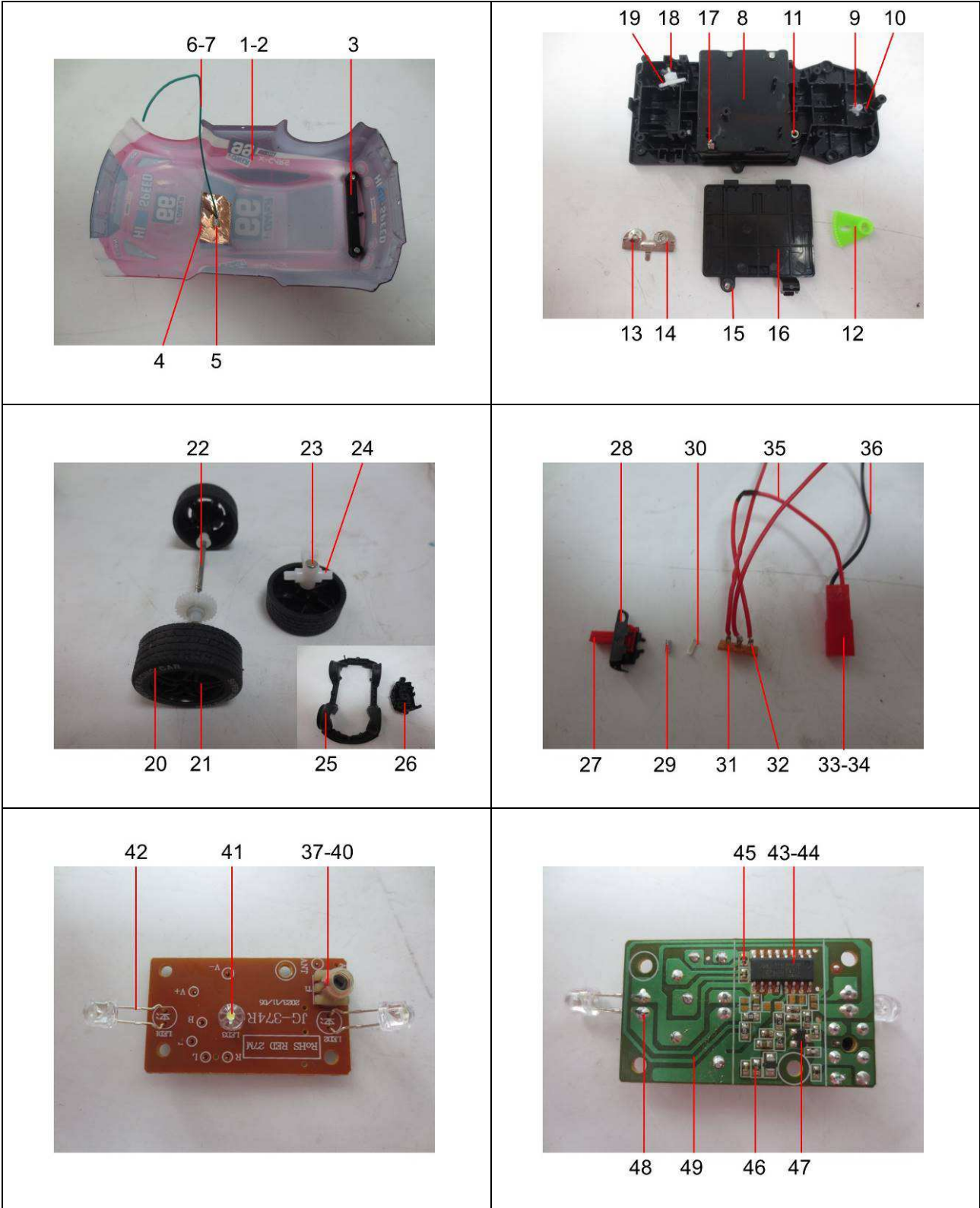


Photo of Test Item(s)

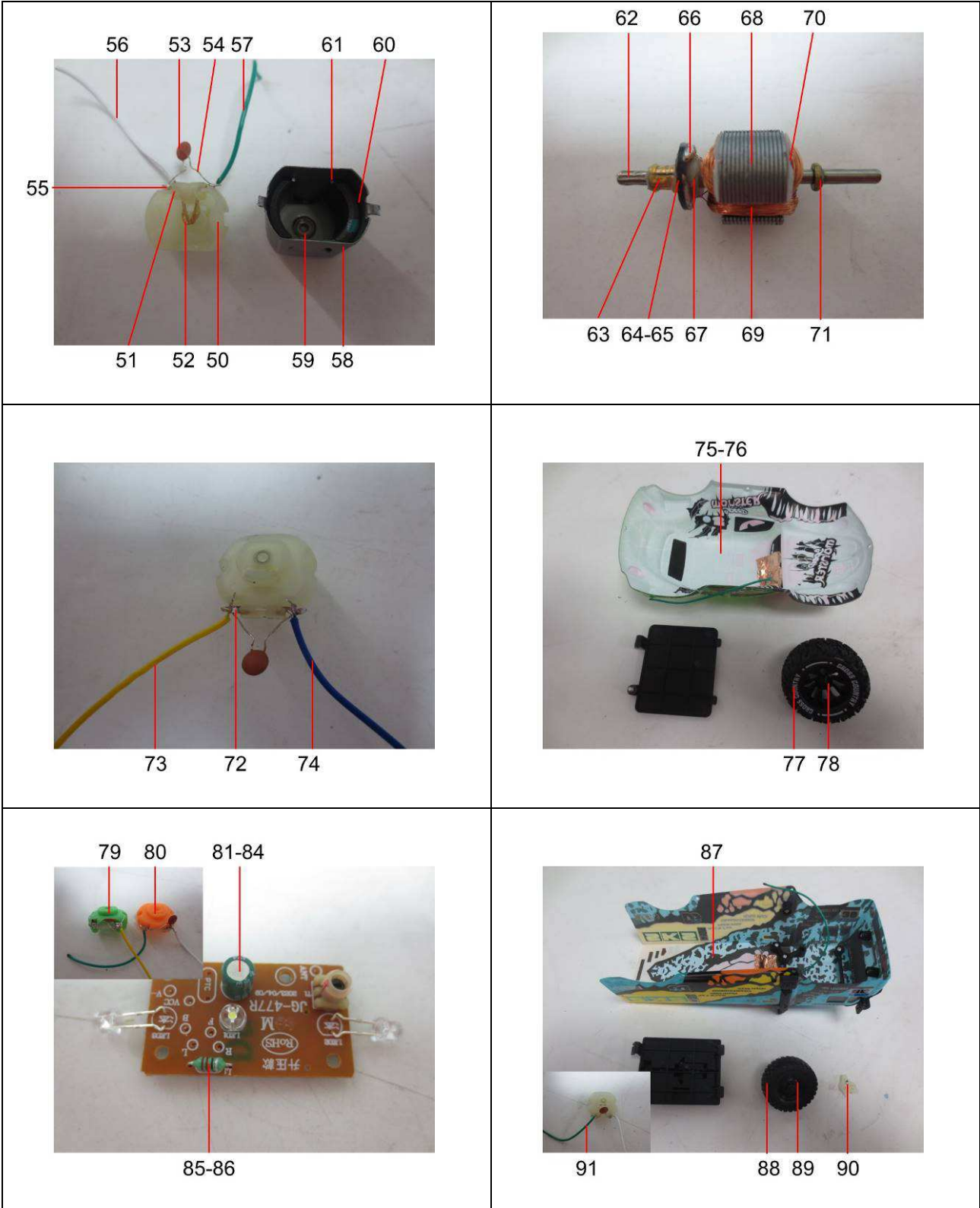


Photo of Test Item(s)

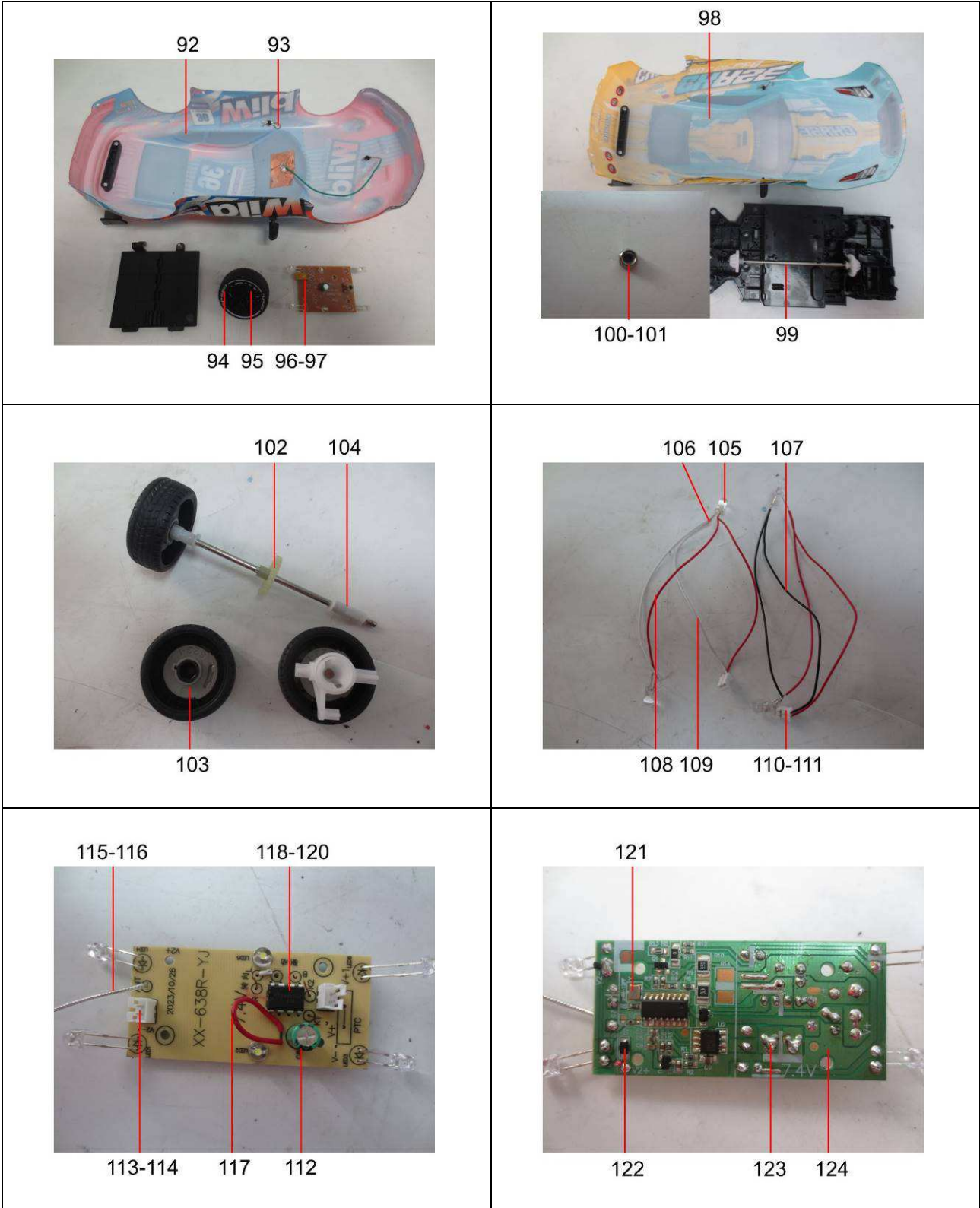


Photo of Test Item(s)

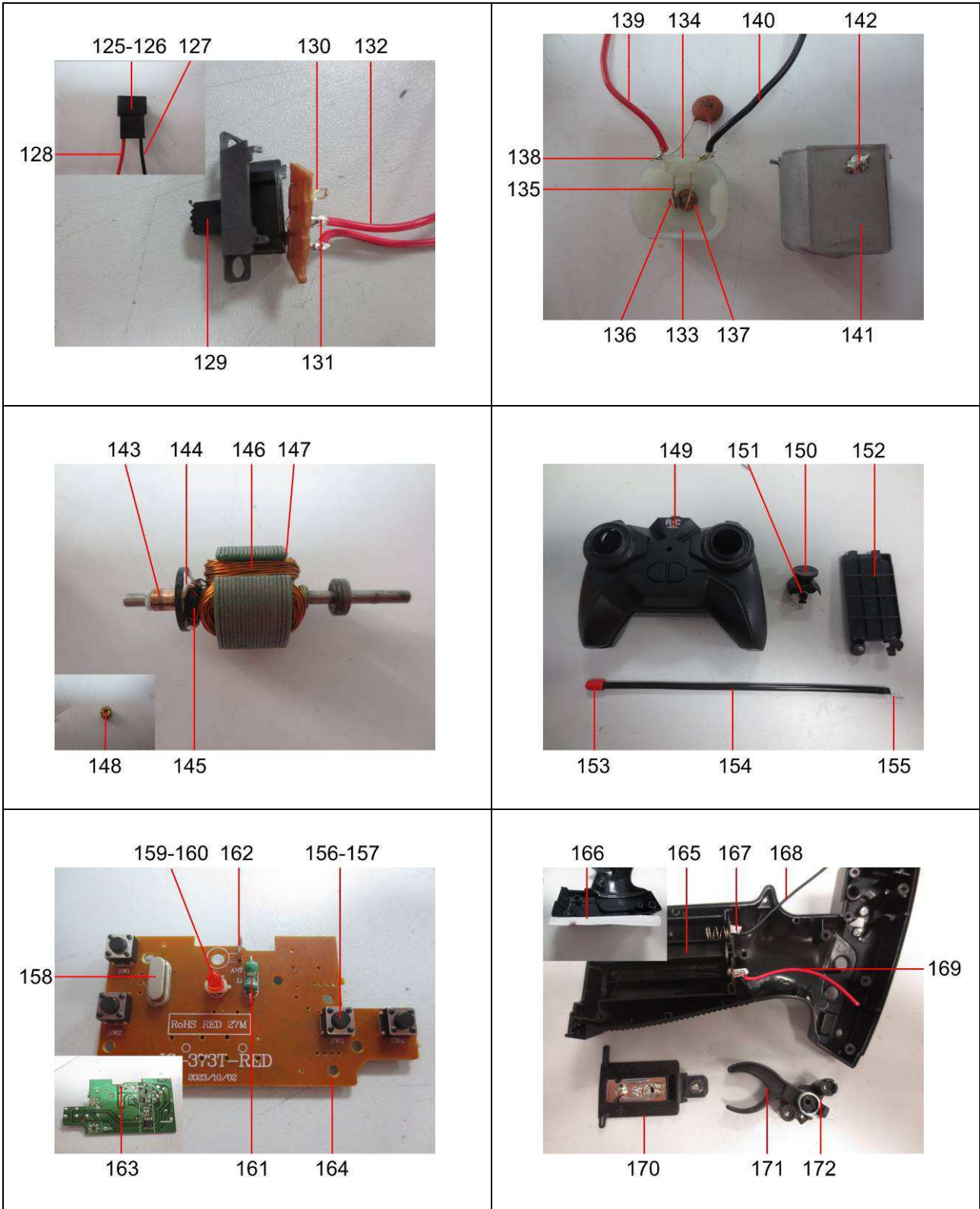


Photo of Test Item(s)

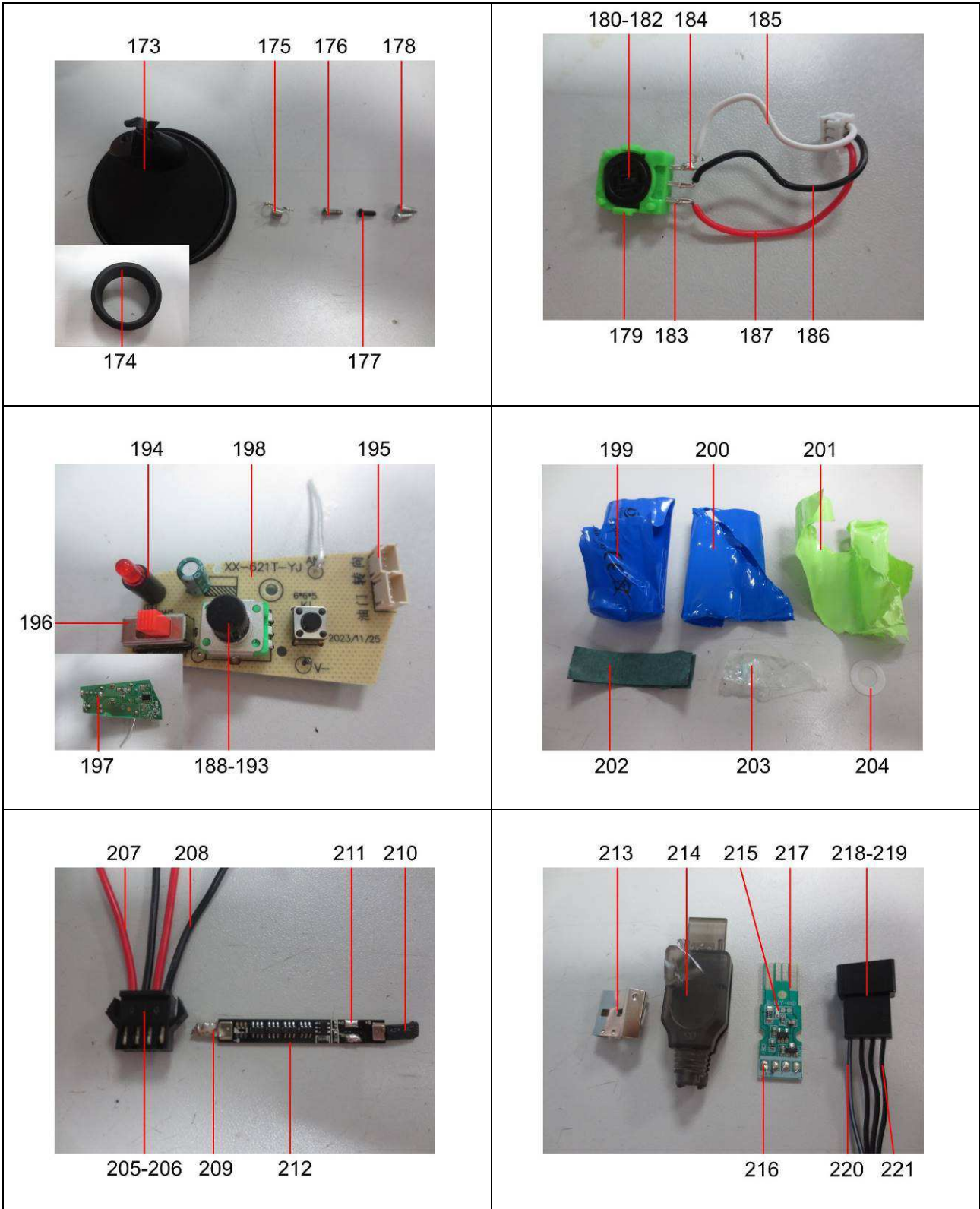
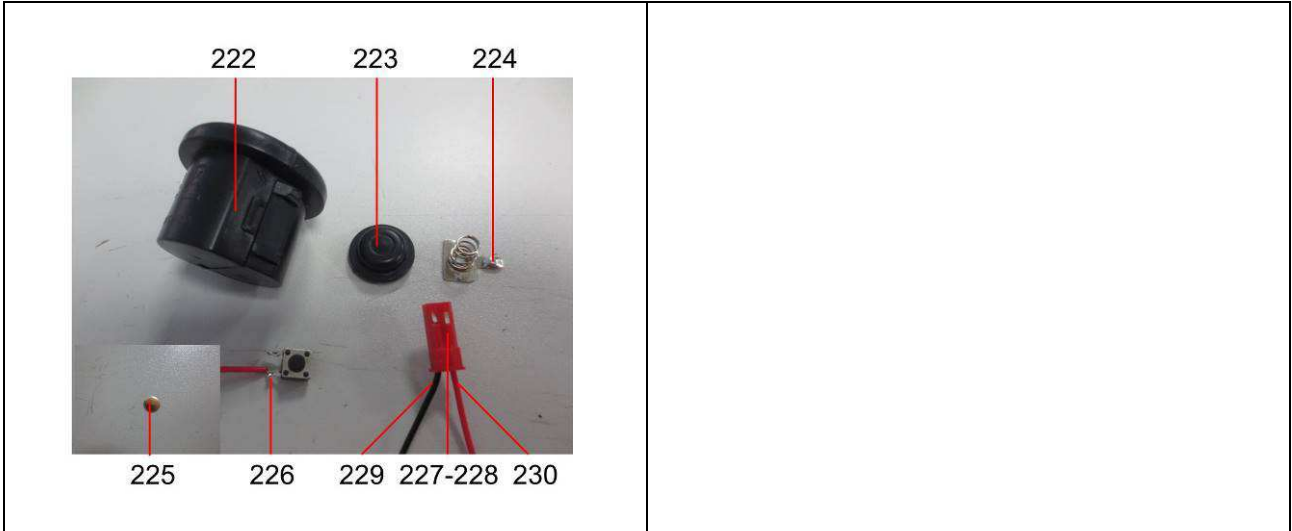


Photo of Test Item(s)





LAB NO. : (8824)015-0073
 DATE : Jan 27, 2024
 PAGE : 10 OF 25

Component Description List

Test Item(s)	Component Description(s)	Location	Style(s)
1	Multi colors coating	Coating, housing	-
2	Transparent plastic	Housing	-
3	Black plastic	Empennage, housing	-
4	Coppery metal	Foil	-
5	Silvery solder	Solder, foil	-
6	Green soft plastic	Wire insulation, cable, foil	-
7	Coppery metal	Wire, cable, foil	-
8	Black plastic	Battery holder	-
9	White plastic	Pointer, battery holder	-
10	Silvery metal	Spring, pointer, battery holder	-
11	Silvery metal	Nut, battery holder	-
12	Yellow plastic	Gear, battery holder	-
13	Silvery metal	Contact plate, battery holder	-
14	Silvery metal	Spring, battery holder	-
15	Transparent plastic	Washer, battery cover	-
16	Black plastic	Battery cover	-
17	Silvery solder	Solder, battery holder	-
18	Silvery metal	Shaft, gear	-
19	White plastic with oil	Gear	-
20	White coated black soft plastic	Tire, wheel	-
21	Black plastic	Wheel	-
22	Silvery metal	Shaft, wheel	-
23	Silvery metal	Shaft, connector, wheel	-
24	White plastic	Connector, wheel	-
25	Black plastic	Holder, housing	-
26	Black plastic	Lid, motor	-
27	Red plastic	Button, toggle switch	-
28	Black plated silvery metal	Case, toggle switch	-
29	Silvery metal	Spring, toggle switch	-
30	Silvery metal	Contact plate, toggle switch	-
31	Brown plastic	Base, toggle switch	-
32	Silvery solder	Solder, toggle switch	-
33	Red plastic	Socket	-
34	Silvery metal	Pin, socket	-
35	Red soft plastic	Wire insulation, cable, socket	-
36	Black soft plastic	Wire insulation, cable, socket	-
37	Beige plastic	Coil holder, inductor, PCB	-
38	Coppery metal	Coil, inductor, PCB	-
39	Black metal	Core, inductor, PCB	-
40	Silvery metal	Pin, inductor, PCB	-



LAB NO. : (8824)015-0073
 DATE : Jan 27, 2024
 PAGE : 11 OF 25

Test Item(s)	Component Description(s)	Location	Style(s)
41	Transparent/yellow plastic	LED, PCB	-
42	Silvery metal	Pin, LED, PCB	-
43	Black body	IC, PCB	-
44	Silvery/coppery metal	Plate, IC, PCB	-
45	Brown body	SMD capacitor, PCB	-
46	Black printed white body	SMD resistor, PCB	-
47	Black body	SMD transistor, PCB	-
48	Silvery solder	Solder, PCB	-
49	Green/brown PCB	PCB	-
50	Beige plastic	Terminal, motor	-
51	Beige plastic	Frame, terminal, motor	-
52	Coppery metal	Brush, terminal, motor	-
53	Black printed brown body	Ceramic capacitor, terminal, motor	-
54	Silvery metal	Pin, ceramic capacitor, terminal, motor	-
55	Silvery solder	Solder, terminal, motor	-
56	White soft plastic	Wire insulation, cable, motor	-
57	Green soft plastic	Wire insulation, cable, motor	-
58	Silvery metal	Case, motor	-
59	Grey metal	Bearing, motor	-
60	Black magnet	Magnet, motor	-
61	Silvery metal	Spring, motor	-
62	Silvery metal	Shaft, motor	-
63	Coppery metal	Connector, motor	-
64	Red paper	Ring, shaft, motor	-
65	Black ceramic	Ring, shaft, motor	-
66	Silvery solder	Solder, motor	-
67	Beige plastic	Commutator, motor	-
68	Silvery metal	Plate, motor	-
69	Coppery metal	Coil, motor	-
70	White plastic	Insulator, motor	-
71	Golden metal	Ring, shaft, motor	-
72	Silvery solder	Solder, terminal, motor	-
73	Yellow soft plastic	Wire insulation, cable, motor	-
74	Blue soft plastic	Wire insulation, cable, motor	-
75	Multi colors coating	Coating, housing	-
76	Transparent soft plastic	Housing	-
77	White coated black soft plastic	Tire, wheel	-
78	Black plastic	Wheel	-
79	Green plastic	Terminal, motor	-
80	Orange plastic	Terminal, motor	-
81	Grey printed green soft plastic	Sleeve, electrolytic capacitor, PCB	-



LAB NO. : (8824)015-0073
DATE : Jan 27, 2024
PAGE : 12 OF 25

Test Item(s)	Component Description(s)	Location	Style(s)
82	Silvery body	Electrolytic capacitor, PCB	-
83	Black soft plastic	Base, electrolytic capacitor, PCB	-
84	Silvery metal	Pin, electrolytic capacitor, PCB	-
85	Multi-color printed green body	Carbon film inductor, PCB	-
86	Silvery metal	Pin, carbon film inductor, PCB	-
87	Multi colors coating	Coating, housing	-
88	Black soft plastic	Tire, wheel	-
89	Black plastic	Wheel	-
90	Translucent glue	Glue	-
91	Dull green soft plastic	Wire insulation, cable, motor	-
92	Multi colors coating	Coating, housing	-
93	Silvery metal	Clip	-
94	Snow white coated black soft plastic	Tire, wheel	-
95	Bright black plastic	Wheel	-
96	Yellow body	Ceramic capacitor, PCB	-
97	Silvery metal	Pin, ceramic capacitor, PCB	-
98	Multi colors coating	Coating, housing	-
99	Silvery metal	Shaft	-
100	Silvery metal	Nut, wheel	-
101	Grey plastic	Filler, nut, wheel	-
102	Beige plastic	Gear	-
103	Red/silvery coated grey plastic	Connector, wheel	-
104	White plastic	Connector, wheel	-
105	Transparent plastic	LED	-
106	Silvery solder	Solder, LED	-
107	Black soft plastic	Wire insulation, cable, LED	-
108	Red soft plastic	Wire insulation, cable, LED	-
109	White soft plastic	Wire insulation, cable, LED	-
110	White plastic	Socket, cable	-
111	Silvery metal	Pin, socket, cable	-
112	Black printed green soft plastic	Sleeve, electrolytic capacitor, PCB	-
113	White plastic	Socket, PCB	-
114	Silvery metal	Pin, socket, PCB	-
115	Transparent soft plastic	Wire insulation, cable, PCB	-
116	Silvery metal	Wire, cable, PCB	-
117	Red soft plastic	Wire insulation, cable, PCB	-
118	Black body	IC, PCB	-
119	Silvery solder	Solder, IC, PCB	-
120	Silvery metal	Pin, IC, PCB	-
121	Silvery/golden body	EC, PCB	-
122	Black body	SMD diode, PCB	-



LAB NO. : (8824)015-0073
 DATE : Jan 27, 2024
 PAGE : 13 OF 25

Test Item(s)	Component Description(s)	Location	Style(s)
123	Silvery solder	Solder, PCB	-
124	Green/yellow PCB	PCB	-
125	Black plastic	Socket, cable	-
126	Silvery metal	Pin, socket, cable	-
127	Black soft plastic	Wire insulation, cable, socket	-
128	Red soft plastic	Wire insulation, cable, socket	-
129	Black plastic	Button, toggle switch	-
130	Silvery metal	Pin, toggle switch	-
131	Silvery solder	Solder, toggle switch	-
132	Red soft plastic	Wire insulation, toggle switch	-
133	Beige plastic	Terminal, big motor	-
134	Beige plastic	Frame, terminal, big motor	-
135	Coppery metal	Brush, terminal, big motor	-
136	Black carbon	Fitter, brush, terminal, big motor	-
137	Coppery metal	Bearing, terminal, big motor	-
138	Silvery solder	Solder, terminal, big motor	-
139	Red soft plastic	Wire insulation, cable, big motor	-
140	Black soft plastic	Wire insulation, cable, big motor	-
141	Silvery metal	Case, big motor	-
142	Silvery solder	Solder, case, big motor	-
143	Coppery metal	Connector, big motor	-
144	Silvery solder	Solder, big motor	-
145	Black plastic	Commutator, big motor	-
146	Coppery metal	Coil, big motor	-
147	Green coating	Coating, plate, big motor	-
148	Coppery metal	Gear, big motor	-
149	Silvery coated black plastic	Housing, remote control	-
150	Black plastic	Rocker, remote control	-
151	Silvery metal	Spring, remote control	-
152	Black plastic	Battery cover, remote control	-
153	Red plastic	Terminal, antenna, remote control	-
154	Black soft plastic	Sleeve, antenna, remote control	-
155	Silvery metal	Antenna, remote control	-
156	Black plastic	Touch switch, PCB, remote control	-
157	Silvery metal	Touch switch, PCB, remote control	-
158	Silvery body	Crystal, PCB, remote control	-
159	Red/transparent plastic	LED, PCB, remote control	-
160	Beige plastic	Pin holder, LED, PCB, remote control	-
161	Multi-color printed dark green body	Carbon film inductor, PCB, remote control	-
162	Silvey metal	Contact plate, PCB, remote control	-
163	Silvery solder	Solder, PCB, remote control	-



LAB NO. : (8824)015-0073
DATE : Jan 27, 2024
PAGE : 14 OF 25

Test Item(s)	Component Description(s)	Location	Style(s)
164	Green/brown PCB	PCB, remote control	-
165	Black plastic	Housing, remote control	-
166	Clear laminated multi colors printed white paper with adhesive	Sticker, remote control	-
167	Silvery solder	Solder, battery holder, remote control	-
168	Black soft plastic	Wire insulation, cable, battery holder, remote control	-
169	Red soft plastic	Wire insulation, cable, battery holder, remote control	-
170	Black plastic	Battery cover, remote control	-
171	Black plastic	Switch, remote control	-
172	Bright silvery metal	Spring, remote control	-
173	Black plastic	Ring, remote control	-
174	Black foam	Ring, remote control	-
175	Silvery metal	Spring, remote control	-
176	Silvery metal	Screw	-
177	Black plated silvery metal	Screw	-
178	Bright silvery metal	Screw	-
179	Green plastic	Case, flank, switch, remote control	-
180	Black plastic	Insulator, flank, switch, remote control	-
181	Silvery metal	Contact plate, flank, switch, remote control	-
182	White printed brown plastic	Board, flank, switch, remote control	-
183	Silvery metal	Pin, flank, switch, remote control	-
184	Silvery solder	Solder, flank, switch, remote control	-
185	White soft plastic	Wire insulation, cable, flank, switch, remote control	-
186	Black soft plastic	Wire insulation, cable, flank, switch, remote control	-
187	Red soft plastic	Wire insulation, cable, flank, switch, remote control	-
188	Black plastic	Button, switch, PCB, remote control	-
189	Silvery metal	Case, switch, PCB, remote control	-
190	Green plastic	Base, switch, PCB, remote control	-
191	Bright silvery metal	Contact plate, switch, PCB, remote control	-
192	White printed dark brown plastic	Board, switch, PCB, remote control	-
193	Silvery metal	Pin, switch, PCB, remote control	-
194	Black plastic	Pin holder, LED, PCB, remote control	-
195	Beige plastic	Socket, PCB, remote control	-
196	Silvery metal	Case, toggle switch, PCB, remote control	-
197	Silvery solder	Solder, PCB, remote control	-
198	Green/light brown PCB	PCB, remote control	-
199	Black coated blue soft plastic	Sleeve, battery	-
200	Blue soft plastic	Sleeve, battery	-



LAB NO. : (8824)015-0073
DATE : Jan 27, 2024
PAGE : 15 OF 25

Test Item(s)	Component Description(s)	Location	Style(s)
201	Green soft plastic	Sleeve, battery	-
202	Green paper with adhesive	Tape, battery	-
203	Transparent plastic with adhesive	Adhesive tape, battery	-
204	White plastic	Ring, battery	-
205	Black plastic	Socket, battery	-
206	Silvery metal	Pin, socket, battery	-
207	Red soft plastic	Wire insulation, cable, battery	-
208	Black soft plastic	Wire insulation, cable, battery	-
209	Silvery metal	Contact plate, PCB, battery	-
210	Black soft plastic	Heat shrinkable tube, battery	-
211	Silvery solder	Solder, PCB, battery	-
212	Black PCB	PCB, battery	-
213	Silvery metal	Contact plate, USB plug, USB cable	-
214	Black/translucent plastic	Housing, PCB, USB cable	-
215	Transparent/white body	SMD LED, PCB, USB cable	-
216	Silvery solder	Solder, PCB, USB cable	-
217	Green/yellow PCB	PCB, USB cable	-
218	Black plastic	Socket, USB cable	-
219	Silvery metal	Pin, socket, USB cable	-
220	Black/white soft plastic	Wire insulation, USB cable	-
221	Black soft plastic	Wire insulation, USB cable	-
222	Black plastic	Housing	-
223	Black plastic	Button, housing	-
224	Silvery solder	Solder, contact plate	-
225	Silvery/coppery metal	Contact plate, tough switch	-
226	Silvery solder	Solder, tough switch	-
227	Red plastic	Socket	-
228	Silvery metal	Pin, socket	-
229	Black soft plastic	Wire insulation, cable, socket	-
230	Red soft plastic	Wire insulation, cable, socket	-



LAB NO. : (8824)015-0073
 DATE : Jan 27, 2024
 PAGE : 16 OF 25

TEST RESULT

Compliance Test – European Parliament and Council Directive 2011/65/EU on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) with its Amendment Directive (EU)2015/863

Test Method : See Appendix.

-	Result (s)									
Parameter	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr VI)	PBBs & PBDEs	BBP	DBP	DEHP	DIBP	Conclusion
Unit	mg/kg									-
Test Item(s)	-	-	-	-	-	-	-	-	-	-
1	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
2	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
3	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
4	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
5	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
6	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
7	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
8	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
9	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
10	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
11	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
12	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
13	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
14	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
15	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
16	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
17	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
18	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
19	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
20	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
21	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
22	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS
23	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
24	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
25	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
26	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
27	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
28	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
29	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
30	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS



LAB NO.

: (8824)015-0073

DATE

: Jan 27, 2024

PAGE

: 17 OF 25

-	Result (s)									
Parameter	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr VI)	PBBs & PBDEs	BBP	DBP	DEHP	DIBP	Conclusion
Unit	mg/kg									
Test Item(s)	-	-	-	-	-	-	-	-	-	-
31	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
32	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
33	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
34	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
35	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
36	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
37	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
38	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
39	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
40	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
41	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
42	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
43	BL*	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
44	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
45	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
46	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
47	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
48	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
49	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
50	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
51	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
52	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
53	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
54	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
55	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
56	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
57	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
58	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
59	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
60	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
61	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
62	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
63	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
64	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
65	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
66	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
67	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
68	BL	BL	BL	Negative*	NA	NA	NA	NA	NA	PASS



LAB NO. : (8824)015-0073
 DATE : Jan 27, 2024
 PAGE : 18 OF 25

Parameter	Result (s)									Conclusion
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr VI)	PBBs & PBDEs	BBP	DBP	DEHP	DIBP	
Unit	mg/kg									-
Test Item(s)	-	-	-	-	-	-	-	-	-	-
69	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
70	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
71	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
72	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
73	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
74	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
75	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
76	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
77	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
78	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
79	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
80	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
81	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
82	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
83	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
84	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
85	17*	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
86	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
87	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
88	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
89	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
90	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
91	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
92	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
93	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
94	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
95	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
96	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
97	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
98	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
99	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
100	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
101	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
102	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
103	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
104	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
105	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
106	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS



LAB NO. : (8824)015-0073
 DATE : Jan 27, 2024
 PAGE : 19 OF 25

Parameter	Result (s)									Conclusion
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr VI)	PBBs & PBDEs	BBP	DBP	DEHP	DIBP	
Unit	mg/kg									-
Test Item(s)	-	-	-	-	-	-	-	-	-	-
107	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
108	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
109	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
110	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
111	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
112	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
113	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
114	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
115	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
116	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
117	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
118	BL*	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
119	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
120	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
121	BL	BL	BL	BL*	BL	BL*	BL*	BL*	BL*	PASS
122	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
123	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
124	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
125	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
126	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
127	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
128	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
129	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
130	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
131	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
132	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
133	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
134	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
135	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
136	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
137	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
138	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
139	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
140	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
141	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
142	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
143	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
144	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS



LAB NO. : (8824)015-0073
 DATE : Jan 27, 2024
 PAGE : 20 OF 25

Parameter	Result (s)									Conclusion
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr VI)	PBBs & PBDEs	BBP	DBP	DEHP	DIBP	
Unit	mg/kg									-
Test Item(s)	-	-	-	-	-	-	-	-	-	-
145	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
146	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
147	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
148	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
149	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
150	BL	BL	BL	BL	PBDE: 110*	BL*	BL*	BL*	BL*	PASS
151	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
152	BL	BL	BL	BL	PBDE: 150*	BL*	BL*	BL*	BL*	PASS
153	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
154	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
155	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
156	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
157	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
158	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
159	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
160	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
161	BL*	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
162	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
163	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
164	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
165	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
166	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
167	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
168	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
169	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
170	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
171	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
172	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
173	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
174	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
175	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
176	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
177	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
178	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
179	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
180	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS



LAB NO. : (8824)015-0073
 DATE : Jan 27, 2024
 PAGE : 21 OF 25

Parameter	Result (s)									Conclusion
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr VI)	PBBs & PBDEs	BBP	DBP	DEHP	DIBP	
Unit	mg/kg									-
Test Item(s)	-	-	-	-	-	-	-	-	-	-
181	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
182	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
183	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
184	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
185	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
186	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
187	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
188	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
189	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
190	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
191	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
192	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
193	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
194	BL	BL	BL	BL	PBDE: 140*	BL*	BL*	BL*	BL*	PASS
195	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
196	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
197	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
198	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
199	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
200	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
201	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
202	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
203	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
204	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
205	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
206	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
207	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
208	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
209	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
210	BL	BL	BL	BL	BL	BL*	BL*	80*	BL*	PASS
211	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
212	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
213	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
214	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
215	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
216	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
217	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS



BUREAU VERITAS

LAB NO.

: (8824)015-0073

DATE

: Jan 27, 2024

PAGE

: 22 OF 25

-	Result (s)									
Parameter	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr VI)	PBBs & PBDEs	BBP	DBP	DEHP	DIBP	Conclusion
Unit	mg/kg									-
Test Item(s)	-	-	-	-	-	-	-	-	-	-
218	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
219	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
220	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
221	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
222	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
223	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
224	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
225	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
226	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
227	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
228	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
229	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
230	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS



LAB NO. : (8824)015-0073
DATE : Jan 27, 2024
PAGE : 23 OF 25

Note / Key:

BL = Below limit OL = Over limit ND = Not detected NA = Not applicable
mg/kg = milligram(s) per kilogram = ppm = part(s) per million
Detection Limit : See Appendix.

Remark:

- *Denotes as reported result(s) was (were) performed by wet chemistry method. Others were screened by XRF. For XRF screening, the result(s) of Cr VI was (were) reported as total chromium and the result(s) of PBBs and PBDEs was (were) reported as total bromine. Also, the XRF result(s) may be different to the actual content based on various factors including, but not limit to, sample size, thickness, area, non-uniformity composition, surface flatness.
- *Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Council Directive 2011/65/EU, Article 4(1).
- According to European Council Directive 2011/65/EU, Article 5 "Adaptation of the Annexes to scientific and technical progress", exemption(s) should be granted to the materials and components of Test Item(s) in the lists in Annexes III and IV of this directive.
- At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).

APPENDIX

List of Analytes and their Corresponding Test Methods, Detection Limit and Maximum Allowable Limit							
[Compliance Test for European Parliament and Council Directive 2011/65/EU] :							
No.	Name of Analytes	Detection Limit(mg/kg)				Wet Chemistry	Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF)^[a]					
		Plastic	Metal/Glass/ Ceramic	Others			
1	Lead (Pb)	100	200	200	10 ^[b]	1000	
2	Cadmium (Cd)	50	50	50	10 ^[b]	100	
3	Mercury (Hg)	100	200	200	10 ^[c]	1000	
4	Chromium (Cr)	100	200	200	NA	NA	
5	Chromium VI (Cr VI)	NA	NA	NA	See ^[d] /10 ^[e] /3 ^[f,g]	1000 / Negative ^[h]	
6	Bromine (Br)	200	NA	200	NA	NA	
7	Polybromobiphenyls (PBBs) - Bromobiphenyl (MonoBB) - Dibromobiphenyl (DiBB) - Tribromobiphenyl (TriBB) - Tetrabromobiphenyl (TetraBB) - Pentabromobiphenyl (PentaBB) - Hexabromobiphenyl (HexaBB) - Heptabromobiphenyl (HeptaBB) - Octabromobiphenyl (OctaBB) - Nonabromobiphenyl (NonaBB) - Decabromobiphenyl (DecaBB)	NA	NA	NA	Each 50 ^[i]	Sum 1000	
8	Polybromodiphenyl ethers (PBDEs) - Bromodiphenyl ether (MonoBDE) - Dibromodiphenyl ether (DiBDE) - Tribromodiphenyl ether (TriBDE) - Tetrabromodiphenyl ether (TetraBDE) - Pentabromodiphenyl ether (PentaBDE) - Hexabromodiphenyl ether (HexaBDE) - Heptabromodiphenyl ether (HeptaBDE) - Octabromodiphenyl ether (OctaBDE) - Nonabromodiphenyl ether (NonaBDE) - Decabromodiphenyl ether (DecaBDE)	NA	NA	NA	Each 50 ^[i]	Sum 1000	
9	- Dibutyl phthalate (DBP) - Butyl benzyl phthalate (BBP) - Di-2-ethylhexyl phthalate (DEHP) - Diisobutyl phthalate (DIBP)	NA	NA	NA	Each 50 ^[j]	Each 1000	



LAB NO. : (8824)015-0073
DATE : Jan 27, 2024
PAGE : 25 OF 25

NA = Not applicable IEC = International Electrotechnical Commission

- [a] Test method with reference to International Standard IEC 62321-3-1: 2013.
 - [b] Test method with reference to International Standard IEC 62321-5: 2013.
 - [c] Test method with reference to International Standard IEC 62321-4:2013+A1:2017.
 - [d] Metal - Test method with reference to International Standard IEC 62321-7-1: 2015.
 - [e] Polymers and Electronics - Test method with reference to European Standard EN 62321-7-2: 2017.
 - [f] Leather - Test method International Standard ISO 17075-1:2017.
 - [g] Other Than Metal, Leather, Polymers and Electronics - Test method with reference to International Standard ISO 17075-1:2017.
- Result(s) of Cr VI for metallic material(s) was (were) expressed in term of positive and negative. Negative means the absence of Cr VI on the tested areas and the result(s) was (were) regarded as in compliance with European Parliament and Council Directive 2011/65/EU, Article 4(1). While, positive means the presence of Cr VI on tested areas and the result(s) was (were) regarded as in conflict with European Parliament and Council Directive 2011/65/EU, Article 4(1).
- [i] Test method with reference to International Standard IEC 62321-6: 2015.
 - [j] Test method with reference to International Standard IEC 62321-8: 2017.

Testing Approach [Compliance Test for European Parliament and Council Directive 2011/65/EU] :

The testing approach was with reference to the following document(s).

- 1 International Standards IEC 62321-1: 2013 and IEC 62321-2: 2021
- 2 "RoHS Enforcement Guidance Document Version 1" by EU RoHS Enforcement Authorities Informal Network. (May 2006)
- 3 "RoHS Regulations - Government Guidance Notes" by United Kingdom Department for Business Innovation & Skills. (February 2011)
- 4 "Final Report to RoHS substances (Hg, Pb, Cr(VI), Cd, PBB and PBDE) in electrical and electronic equipment in Belgium" by Belgium Federal Public Service Health, Food Chain Safety and Environment. (November 2005)

*** End of Report ***