

# Test Report

Report No.: U00021904241874

Query Password: QW3063

Date: May 27, 2019


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**Applicant:** SHENZHEN ATTEN TECHNOLOGY CO., LTD.**Contact information:** 8F, Building 2, Senyang High-tech Park, 7 West Road High-tech Park, Guangming New District, Shenzhen, China.**The following sample(s) was (were) submitted and identified by client as:**

Sample Name : AT-8502D  
Model No. : AT-8502D  
Sample Received Date : May 7, 2019  
Testing Period : From May 7, 2019 to May 27, 2019  
Test Request : Please refer to next page(s).  
Test Result(s) : Please refer to next page(s).

Signed for and on behalf of Shen Zhen UONE Test Co., LTD.

Prepared by



Anna Li

Checked by



Nora Deng

Approved by



Pascal Shi

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**Summary of test results:****TEST REQUEST**

RoHS Directive 2011/65/EU and its subsequent amendments &amp; Directive (EU) 2015/863

To determine Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)),

(1) Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs)  
content by screening test and chemical test

(2) To determine Phthalates (DBP, BBP, DEHP, DIBP) content by chemical test

**CONCLUSION****PASS****PASS**

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### Test Material List

Material No.	Description (Location)	Photo(s) of tested materials
1	Yellow soft foam(cushion, soldering iron holder)	
2	Silvery metal(screw, soldering iron holder)	
3	Silvery metal(plate, soldering iron holder)	
4	Silvery metal with black coating(shell, soldering iron holder)	
5	Silvery metal(screw, AT-8502D)	
6	Transparent soft plastic(sleeve, soldering pencil)	
7	Silvery metal(nut, soldering pencil)	
8	Silvery metal(tube, soldering pencil)	
9	Silvery metal(soldering tip, soldering pencil)	
10	Black plastic(nut, soldering pencil)	
11	Silvery metal(tube, soldering pencil)	
12	Silvery metal(spring, soldering pencil)	
13	Black soft plastic(sleeve, soldering pencil)	
14	Black plastic with golden coating(shell, soldering pencil)	
15	Black plastic(SR, soldering pencil)	

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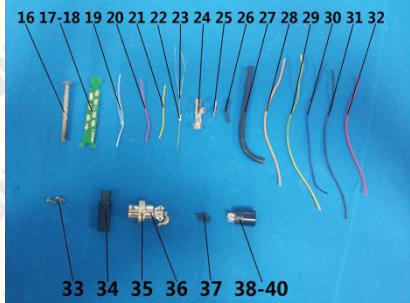
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Material No.	Description (Location)	Photo(s) of tested materials
16	Silvery metal(tube, soldering pencil)	
17	Green PCB	
18	Silvery solder(PCB, soldering pencil)	
19	Transparent soft plastic(sleeve, soldering pencil)	
20	Red soft plastic(wire jacket, soldering pencil)	
21	Yellow soft plastic(wire jacket, soldering pencil)	
22	White ceramic(filling, soldering pencil)	
23	Silvery metal(wire, soldering pencil)	
24	Silvery metal(fixer, soldering pencil)	
25	Silvery metal(terminal, soldering pencil)	
26	Black soft plastic(sleeve, soldering pencil)	
27	Black soft plastic(cable jacket, soldering pencil)	
28	Orange soft plastic(wire jacket, soldering pencil)	
29	Yellow/green soft plastic(wire jacket, soldering pencil)	
30	Black soft plastic(wire jacket, soldering pencil)	
31	Blue soft plastic(wire jacket, soldering pencil)	
32	Red soft plastic(wire jacket, soldering pencil)	
33	Silvery metal(screw, plug, soldering pencil)	
34	Black plastic(SR, soldering pencil)	
35	Silvery metal(nut, connector, soldering pencil)	
36	Silvery metal(connector, soldering pencil)	
37	Black soft plastic(sleeve, connector)	
38	Silvery metal(pin, connector)	
39	Silvery solder(pin, connector)	
40	Black plastic(pin holder, connector)	

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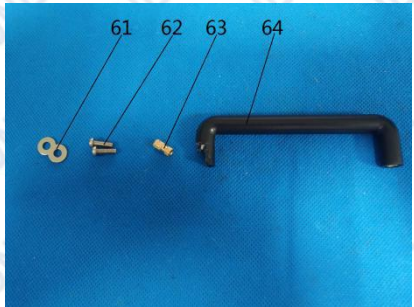
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Material No.	Description (Location)	Photo(s) of tested materials
41	Silvery metal(head, accessory)	 <p>Photograph showing materials 41 through 48. Material 41 is a silvery metal head, 42 is a silvery metal screw, 43 is another silvery metal head, 44 is a silvery metal nut, 45 is a light silvery metal head, 46 is another light silvery metal head, 47 is a silvery metal shell with black coating, and 48 is a silvery metal plate.</p>
42	Silvery metal(screw, accessory)	
43	Silvery metal(head, accessory)	
44	Silvery metal(nut, accessory)	
45	Lt silvery metal(head, accessory)	
46	Lt silvery metal(head, accessory)	
47	Silvery metal with black coating(shell, accessory)	
48	Silvery metal(plate, accessory)	
49	White plastic(frame, power cable)	 <p>Photograph showing materials 49 through 60. Material 49 is a white plastic frame, 50 is a golden metal connector, 51 is a black plastic shell, 52 is a golden metal connector with silvery plating, 53 is a golden metal pin with silvery plating, 54 is a black plastic frame, 55 is a black plastic shell, 56 is a yellow/green soft plastic wire jacket, 57 is a blue soft plastic wire jacket, 58 is a coffee soft plastic wire jacket, 59 is a coppery metal wire, and 60 is a black soft plastic cable jacket.</p>
50	Golden metal(connector, power cable)	
51	Black plastic(shell, power cable)	
52	Golden metal with silvery plating(connector, power cable)	
53	Golden metal with silvery plating(pin, power cable)	
54	Black plastic(frame, power cable)	
55	Black plastic(shell, power cable)	
56	Yellow/green soft plastic(wire jacket, power cable)	
57	Blue soft plastic(wire jacket, power cable)	
58	Coffee soft plastic(wire jacket, power cable)	
59	Coppery metal(wire, power cable)	
60	Black soft plastic(cable jacket, power cable)	
61	Silvery metal(gasket, handle)	 <p>Photograph showing materials 61 through 64. Material 61 is a silvery metal gasket, 62 is a silvery metal screw, 63 is a golden metal nut, and 64 is a black plastic handle.</p>
62	Silvery metal(screw, handle)	
63	Golden metal(nut, handle)	
64	Black plastic(handle)	

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Material No.	Description (Location)	Photo(s) of tested materials	
65	Silvery metal with black coating(plate, AT-8502D)		
66	White adhesive plastic(tape, AT-8502D)		
67	Transparent soft plastic(lens, AT-8502D)		
68	Black plastic(shell, AT-8502D)		
69	Silvery metal(base, AT-8502D)		
70	Silvery metal with black coating(screw, AT-8502D)		
71	Silvery metal(gasket, AT-8502D)		
72	Silvery metal(screw, AT-8502D)		
73	White adhesive plastic with black coating(label, AT-8502D)		
74	White adhesive plastic with black coating(label, AT-8502D)		
75	White adhesive plastic with black coating(label, AT-8502D)		
76	Black plastic(cushion, AT-8502D)		
77	Silvery metal(nut, AT-8502D)		
78	Silvery metal(gasket, AT-8502D)		
79	Silvery metal(gasket, AT-8502D)		
80	Silvery adhesive plastic with black/red coating(label, heat gun)		
81	Silvery metal(screw, heat gun)		
82	White plastic(holder, heat gun)		
83	Silvery metal(terminal, heat gun)		
84	Black plastic(gasket, heat gun)		
85	Black soft plastic(sleeve, heat gun)		
86	Black soft plastic(gasket, heat gun)		
87	Beige plastic(frame, heat gun)		
88	White plastic(nut, heat gun)		
89	White plastic(tube, heat gun)		
90			

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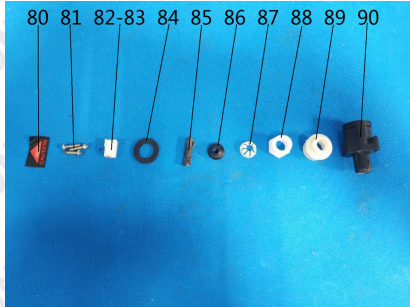
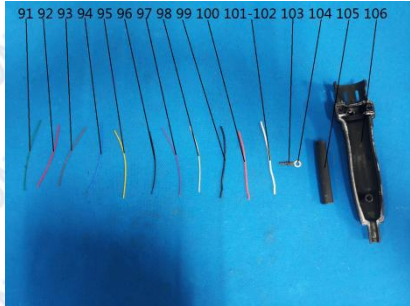
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Material No.	Description (Location)	Photo(s) of tested materials
90	Black plastic(tube, heat gun)	 <p>80 81 82-83 84 85 86 87 88 89 90</p>
91	Green soft plastic(wire jacket, heat gun)	 <p>91 92 93 94 95 96 97 98 99 100 101-102 103 104 105 106</p>
92	Red soft plastic(wire jacket, heat gun)	
93	Grey soft plastic(wire jacket, heat gun)	
94	Blue soft plastic(wire jacket, heat gun)	
95	Yellow soft plastic(wire jacket, heat gun)	
96	Black soft plastic(wire jacket, heat gun)	
97	Purple soft plastic(wire jacket, heat gun)	
98	White soft plastic(wire jacket, heat gun)	
99	Black soft plastic(wire jacket, heat gun)	
100	Red soft plastic(wire jacket, heat gun)	
101	White soft plastic(wire jacket, heat gun)	
102	Coppery metal(wire, heat gun)	
103	Black soft plastic(sleeve, heat gun)	
104	Silvery metal(connector, heat gun)	
105	Black soft plastic(cable jacket, heat gun)	
106	Black plastic(shell, heat gun)	
107	Black plastic with silvery coating(button, heat gun)	
108	Silvery metal(connector, heat gun)	
109	Black plastic(fixer, heat gun)	
110	Black soft plastic(sleeve, heat gun)	
111	Silvery metal(tube, heat gun)	

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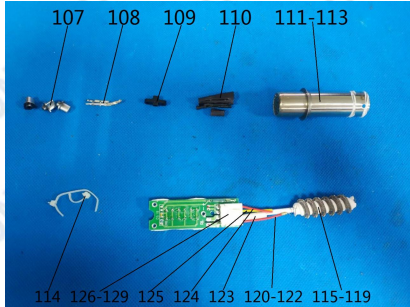
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Material No.	Description (Location)	Photo(s) of tested materials
112	Silvery metal(ring, heat gun)	
113	Silvery paper(tube, heat gun)	
114	Translucent plastic(cable tie, heat gun)	
115	Silvery metal(spring, heat gun)	
116	White ceramic(shaft, heat gun)	
117	Silvery metal(wire, heat gun)	
118	Silvery metal(connector, heat gun)	
119	Silvery metal(fixer, heat gun)	
120	Silvery metal(shaft, heat gun)	
121	Red soft plastic(wire jacket, heat gun)	
122	Golden metal(fixer, heat gun)	
123	White fabric(sleeve, heat gun)	
124	Red soft fabric(sleeve, heat gun)	
125	Yellow soft fabric(sleeve, heat gun)	
126	White plastic(holder, PCB, heat gun)	
127	Silvery metal(connector, PCB, heat gun)	
128	White plastic(holder, PCB, heat gun)	
129	Golden metal with silvery plating(pin, PCB, heat gun)	
130	Green PCB(heat gun)	
131	Silvery solder(PCB, heat gun)	
132	Black plastic(button, switch, PCB)	
133	Silvery metal(cover, switch, PCB)	
134	Silvery metal(foil, switch, PCB)	
135	White plastic(shell, switch, PCB)	
136	Silvery metal(connector, switch, PCB)	

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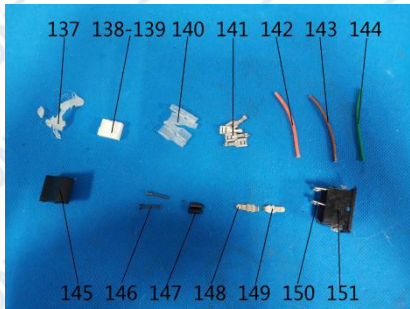
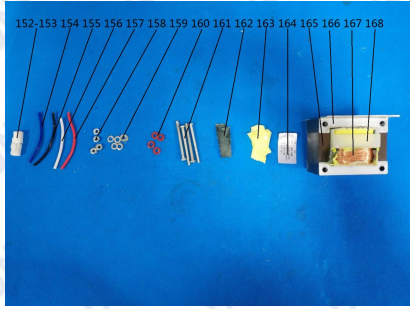
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Material No.	Description (Location)	Photo(s) of tested materials
137	Translucent glue(sticker, AT-8502D)	 <p>137 138-139 140 141 142 143 144</p> <p>145 146 147 148 149 150 151</p>
138	White plastic(holder, power switch)	
139	Silvery metalterminal, power switch)	
140	Translucent soft plastic(sleeve, power switch)	
141	Silvery metal(connector, power switch)	
142	Pink soft plastic(wire jacket, power switch)	
143	Coffee soft plastic(wire jacket, power switch)	
144	Green soft plastic(wire jacket, power switch)	
145	Black plastic(button, power switch)	
146	Dull silvery metal(spring, power switch)	
147	Black plastic(tube, power switch)	
148	Copper metal with silvery plating(contact, power switch)	
149	Silvery metal(connector, power switch)	
150	Silvery metal(connector, power switch)	
151	Black plastic(shell, power switch)	
152	White plastic(holder, big transformer)	 <p>152-153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168</p>
153	Silvery metalterminal, big transformer)	
154	Blue soft plastic(wire jacket, big transformer)	
155	Black soft plastic(wire jacket, big transformer)	
156	White soft plastic(wire jacket, big transformer)	
157	Red soft plastic(wire jacket, big transformer)	
158	Silvery metal(nut, big transformer)	
159	Silvery metal(gasket, big transformer)	
160	Red soft plastic(gasket, big transformer)	
161	Silvery metal(long screw, big transformer)	
162	Atrovirens paper(sheet, big transformer)	
163	Yellow adhesive plastic(tape, big transformer)	

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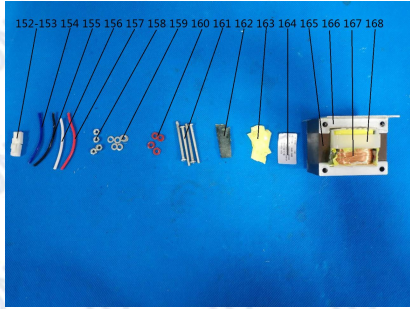
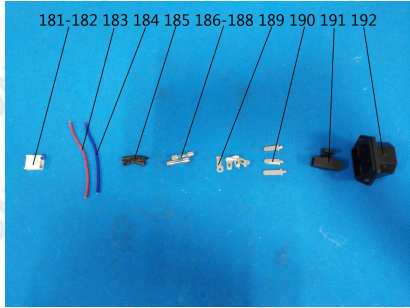
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Material No.	Description (Location)	Photo(s) of tested materials
164	Silvery adhesive plastic with black printing(label, big transformer)	 <p>152-153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168</p>
165	Dull silvery metal(plate, big transformer)	
166	Silvery metal(plate, big transformer)	
167	Coppery metal(coil, big transformer)	
168	Transparent plastic(radiator, big transformer)	
169	Silvery metal(gasket, connector)	
170	Silvery metal(nut, connector)	
171	Black soft plastic(sleeve, connector)	
172	Black soft plastic(wire jacket, connector)	
173	Red soft plastic(wire jacket, connector)	
174	Black soft plastic(wire jacket, connector)	
175	Red soft plastic(wire jacket, connector)	
176	Yellow/green soft plastic(wire jacket, connector)	
177	Silvery metal(connector)	
178	Black plastic(pin holder, connector)	
179	Silvery solder(pin, connector)	
180	Silvery metal(pin, connector)	
181	White plastic(holder, power plug)	 <p>181-182 183 184 185 186-188 189 190 191 192</p>
182	Silvery metal(terminal, power plug)	
183	Coffee soft plastic(wire jacket, power plug)	
184	Blue soft plastic(wire jacket, power plug)	
185	Black soft plastic(sleeve, power plug)	
186	Silvery metal(edge, fuse, power plug)	
187	Transparent glass(shell, fuse, power plug)	
188	Silvery metal(wire, fuse, power plug)	
189	Silvery metal(connector, power plug)	

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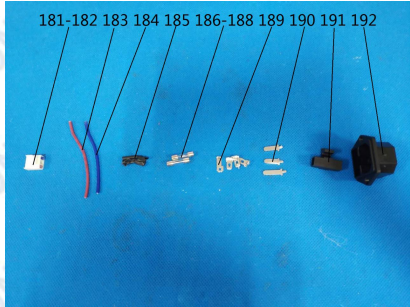

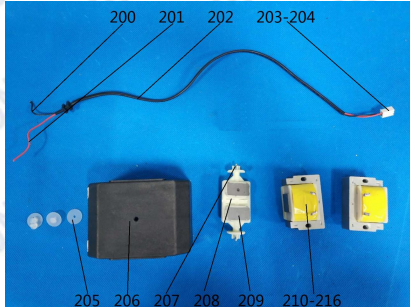
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Material No.	Description (Location)	Photo(s) of tested materials
190	Golden metal with silvery plating(pin, power plug)	 <p>181-182 183 184 185 186-188 189 190 191 192</p>
191	Black plastic(cap, power plug)	
192	Black plastic(shell, power plug)	
193	White plastic(cable tie, big air pump)	 <p>193 194-196 197 198 199</p>
194	Silvery/blue metal(screw, big air pump)	
195	Silvery metal(screw, big air pump)	
196	Silvery metal(gasket, big air pump)	
197	White plastic(gasket, big air pump)	
198	Beige plastic(fixer, big air pump)	
199	White plastic(box, big air pump)	
200	Black soft plastic(wire jacket, big air pump)	 <p>200 201 202 203-204</p> <p>205 206 207 208 209 210-216</p>
201	Red soft plastic(wire jacket, big air pump)	
202	Black soft plastic(cable jacket, big air pump)	
203	White plastic(holder, big air pump)	
204	Silvery metalterminal, big air pump)	
205	Translucent soft plastic(film, big air pump)	
206	Black plastic(shell, big air pump)	
207	Silvery metal(screw, big air pump)	
208	Beige plastic(core holder, big air pump)	
209	Dull grey magnet(core, big air pump)	
210	Yellow adhesive plastic(tape, big air pump)	
211	Yellow adhesive paper(tape, big air pump)	
212	Beige plastic(bobbin, big air pump)	
213	Silvery metal(connector, big air pump)	

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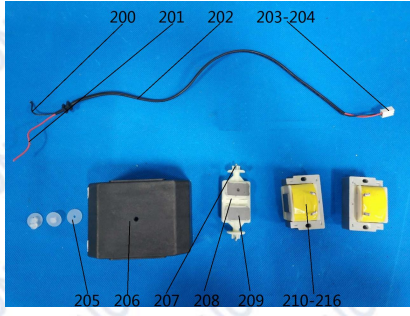

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Material No.	Description (Location)	Photo(s) of tested materials
214	Silvery solder(connector, big air pump)	 <p>200 201 202 203-204 205 206 207 208 209 210-216</p>
215	Silvery metal(plate, big air pump)	
216	Coppery metal(coil, big air pump)	
217	Silvery metal(radiator, PCB)	
218	Golden metal(screw, PCB)	
219	Silvery metal(nut, PCB)	
220	Silvery metal with black coating(frame, screen)	 <p>217 218 219 220 221 222 223 224 225 226 227-228 229 230 231 232 233</p>
221	Dull transparent plastic(film, screen)	
222	Transparent glass(lens, screen)	
223	Grey soft plastic(cushion, screen)	
224	White plastic(film, screen)	
225	White plastic(film, screen)	
226	Transparent plastic(sheet, screen)	
227	Black plastic(pin holder, PCB)	
228	Silvery metal(pin, PCB)	
229	Brown body(capacitor, PCB)	
230	Black body(resistor, PCB)	
231	Transparent body(LED, PCB)	
232	Green PCB	
233	Silvery solder(PCB)	

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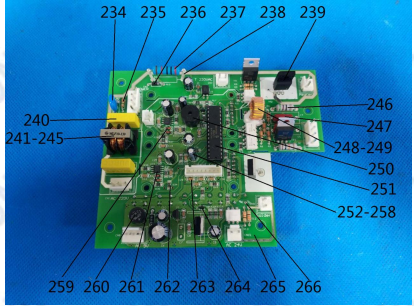
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Material No.	Description (Location)	Photo(s) of tested materials
234	Body body(capacitor, PCB)	
235	Yellow body with multicolor printing(resistor, PCB)	
236	Black body(resistor, PCB)	
237	Blue body with multicolor printing(resistor, PCB)	
238	White fabric(sleeve, PCB)	
239	Black body(triode, PCB)	
240	Yellow body(capacitor, PCB)	
241	Transparent adhesive plastic with black printing(label, inductor, PCB)	
242	Silvery metal(plate, inductor, PCB)	
243	Black plastic(bobbin, inductor, PCB)	
244	Black magnet(core, inductor, PCB)	
245	Coppery metal(coil, inductor, PCB)	
246	Grey body with multicolor printing(resistor, PCB)	
247	Red body(capacitor, PCB)	
248	Coppery metal(coil, inductor, PCB)	
249	Black magnet with yellow coating(core, inductor, PCB)	
250	Black body(buzzer, PCB)	
251	Black body(EC, PCB)	
252	Black plastic with white plating(shell, capacitor, PCB)	
253	Silvery metal(shell, capacitor)	
254	Black soft rubber(base, capacitor)	
255	Brown paper with liquid(film, capacitor)	
256	Silvery metal(foil, capacitor)	
257	Dull silvery metal(foil, capacitor)	
258	Silvery metal(pin, capacitor)	
259	Red body(diode, PCB)	
260	Black body(inductor, PCB)	

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Material No.	Description (Location)	Photo(s) of tested materials
261	Black body(IC, PCB)	
262	Black body(resistor, PCB)	
263	Brown body(capacitor, PCB)	
264	Black body(triode, PCB)	
265	Green PCB	
266	Silvery solder(PCB)	
267	Black plastic with silvery coating(button, PCB)	
268	Black plastic(button, switch, PCB)	
269	Silvery metal(cover, switch, PCB)	
270	Silvery metal(foil, switch, PCB)	
271	White plastic(shell, switch, PCB)	
272	Silvery metal(connector, switch, PCB)	

### Test Result(s):

**(1) Lead (Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls (PBBs) and Polybrominated DiphenylEthers (PBDEs)**

Test Method: IEC62321-3-1: 2013, IEC62321-4: 2013+A1:2017, IEC62321-5: 2013, IEC62321-6: 2015, IEC 62321-7-1:2015, IEC 62321-7-2: 2017, analyzed by EDXRF & ICP-OES & GC-MS & UV-Vis.

No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
1	BL	BL	BL	BL	BL	—	—	PASS
2	BL	BL	BL	BL	NA	—	—	PASS
3	BL	BL	BL	BL	NA	—	—	PASS
4	BL	BL	BL	BL	NA	—	—	PASS
5	BL	BL	BL	BL	NA	—	—	PASS
6	BL	BL	BL	BL	BL	—	—	PASS
7	BL	BL	BL	BL	NA	—	—	PASS
8	BL	BL	BL	BL	NA	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
9	BL	BL	BL	BL	NA	—	—	PASS
10	BL	BL	BL	BL	BL	—	—	PASS
11	BL	BL	BL	BL	NA	—	—	PASS
12	BL	BL	BL	BL	NA	—	—	PASS
13	BL	BL	BL	BL	BL	—	—	PASS
14	BL	BL	BL	BL	BL	—	—	PASS
15	BL	BL	BL	BL	BL	—	—	PASS
16	BL	BL	BL	BL	NA	—	—	PASS
17	BL	BL	BL	BL	X	PBBs: N.D. PBDEs: N.D.	—	PASS
18	BL	BL	BL	BL	NA	—	—	PASS
19	BL	BL	BL	BL	BL	—	—	PASS
20	BL	BL	BL	BL	BL	—	—	PASS
21	BL	BL	BL	BL	BL	—	—	PASS
22	BL	BL	BL	BL	BL	—	—	PASS
23	BL	BL	BL	BL	NA	—	—	PASS
24	BL	BL	BL	BL	NA	—	—	PASS
25	BL	BL	BL	BL	NA	—	—	PASS
26	BL	BL	BL	BL	BL	—	—	PASS
27	BL	BL	BL	BL	BL	—	—	PASS
28	BL	BL	BL	BL	BL	—	—	PASS
29	BL	BL	BL	BL	BL	—	—	PASS
30	BL	BL	BL	BL	BL	—	—	PASS
31	BL	BL	BL	BL	BL	—	—	PASS
32	BL	BL	BL	BL	BL	—	—	PASS
33	BL	BL	BL	BL	NA	—	—	PASS
34	BL	BL	BL	BL	BL	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
35	BL	BL	BL	BL	NA	—	—	PASS
36	BL	BL	BL	BL	NA	—	—	PASS
37	BL	BL	BL	BL	BL	—	—	PASS
38	BL	BL	BL	BL	NA	—	—	PASS
39	BL	BL	BL	BL	NA	—	—	PASS
40	BL	BL	BL	BL	BL	—	—	PASS
41	BL	BL	BL	BL	NA	—	—	PASS
42	BL	BL	BL	BL	NA	—	—	PASS
43	BL	BL	BL	BL	NA	—	—	PASS
44	BL	BL	BL	BL	NA	—	—	PASS
45	BL	BL	BL	BL	NA	—	—	PASS
46	BL	BL	BL	BL	NA	—	—	PASS
47	BL	BL	BL	BL	NA	—	—	PASS
48	BL	BL	BL	BL	NA	—	—	PASS
49	BL	BL	BL	BL	BL	—	—	PASS
50	BL	BL	BL	BL	NA	—	—	PASS
51	BL	BL	BL	BL	BL	—	—	PASS
52	BL	BL	BL	BL	NA	—	—	PASS
53	BL	BL	BL	BL	NA	—	—	PASS
54	BL	BL	BL	BL	BL	—	—	PASS
55	BL	BL	BL	BL	BL	—	—	PASS
56	BL	BL	BL	BL	BL	—	—	PASS
57	BL	BL	BL	BL	BL	—	—	PASS
58	BL	BL	BL	BL	BL	—	—	PASS
59	BL	BL	BL	BL	NA	—	—	PASS
60	BL	BL	BL	BL	BL	—	—	PASS
61	BL	BL	BL	BL	NA	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
62	BL	BL	BL	BL	NA	—	—	PASS
63	BL	BL	BL	BL	NA	—	—	PASS
64	BL	BL	BL	BL	BL	—	—	PASS
65	BL	BL	BL	BL	NA	—	—	PASS
66	BL	BL	BL	BL	BL	—	—	PASS
67	BL	BL	BL	BL	BL	—	—	PASS
68	BL	BL	BL	BL	BL	—	—	PASS
69	BL	BL	BL	BL	NA	—	—	PASS
70	BL	BL	BL	BL	NA	—	—	PASS
71	BL	BL	BL	BL	NA	—	—	PASS
72	BL	BL	BL	BL	NA	—	—	PASS
73	BL	BL	BL	BL	BL	—	—	PASS
74	BL	BL	BL	BL	BL	—	—	PASS
75	BL	BL	BL	BL	BL	—	—	PASS
76	BL	BL	BL	BL	BL	—	—	PASS
77	BL	BL	BL	BL	NA	—	—	PASS
78	BL	BL	BL	BL	NA	—	—	PASS
79	BL	BL	BL	BL	NA	—	—	PASS
80	BL	BL	BL	BL	BL	—	—	PASS
81	BL	BL	BL	BL	NA	—	—	PASS
82	BL	BL	BL	BL	BL	—	—	PASS
83	BL	BL	BL	BL	NA	—	—	PASS
84	BL	BL	BL	BL	BL	—	—	PASS
85	BL	BL	BL	BL	BL	—	—	PASS
86	BL	BL	BL	BL	BL	—	—	PASS
87	BL	BL	BL	BL	BL	—	—	PASS
88	BL	BL	BL	BL	BL	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
89	BL	BL	BL	BL	BL	—	—	PASS
90	BL	BL	BL	BL	BL	—	—	PASS
91	BL	BL	BL	BL	BL	—	—	PASS
92	BL	BL	BL	BL	BL	—	—	PASS
93	BL	BL	BL	BL	BL	—	—	PASS
94	BL	BL	BL	BL	BL	—	—	PASS
95	BL	BL	BL	BL	BL	—	—	PASS
96	BL	BL	BL	BL	BL	—	—	PASS
97	BL	BL	BL	BL	BL	—	—	PASS
98	BL	BL	BL	BL	BL	—	—	PASS
99	BL	BL	BL	BL	BL	—	—	PASS
100	BL	BL	BL	BL	BL	—	—	PASS
101	BL	BL	BL	BL	BL	—	—	PASS
102	BL	BL	BL	BL	NA	—	—	PASS
103	BL	BL	BL	BL	BL	—	—	PASS
104	BL	BL	BL	BL	NA	—	—	PASS
105	BL	BL	BL	BL	BL	—	—	PASS
106	BL	BL	BL	BL	BL	—	—	PASS
107	BL	BL	BL	BL	BL	—	—	PASS
108	BL	BL	BL	BL	NA	—	—	PASS
109	BL	BL	BL	BL	BL	—	—	PASS
110	BL	BL	BL	BL	BL	—	—	PASS
111	BL	BL	BL	BL	NA	—	—	PASS
112	BL	BL	BL	BL	NA	—	—	PASS
113	BL	BL	BL	BL	BL	—	—	PASS
114	BL	BL	BL	BL	BL	—	—	PASS
115	BL	BL	BL	BL	NA	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
116	BL	BL	BL	BL	BL	—	—	PASS
117	BL	BL	BL	BL	NA	—	—	PASS
118	BL	BL	BL	BL	NA	—	—	PASS
119	BL	BL	BL	BL	NA	—	—	PASS
120	BL	BL	BL	BL	NA	—	—	PASS
121	BL	BL	BL	BL	BL	—	—	PASS
122	BL	BL	BL	BL	NA	—	—	PASS
123	BL	BL	BL	BL	BL	—	—	PASS
124	BL	BL	BL	BL	BL	—	—	PASS
125	BL	BL	BL	BL	BL	—	—	PASS
126	BL	BL	BL	BL	BL	—	—	PASS
127	BL	BL	BL	BL	NA	—	—	PASS
128	BL	BL	BL	BL	BL	—	—	PASS
129	BL	BL	BL	BL	NA	—	—	PASS
130	BL	BL	BL	BL	X	PBBs: N.D. PBDEs: N.D.	—	PASS
131	BL	BL	BL	BL	NA	—	—	PASS
132	BL	BL	BL	BL	BL	—	—	PASS
133	BL	BL	BL	BL	NA	—	—	PASS
134	BL	BL	BL	BL	NA	—	—	PASS
135	BL	BL	BL	BL	BL	—	—	PASS
136	BL	BL	BL	BL	NA	—	—	PASS
137	BL	BL	BL	BL	BL	—	—	PASS
138	BL	BL	BL	BL	BL	—	—	PASS
139	BL	BL	BL	BL	NA	—	—	PASS
140	BL	BL	BL	BL	BL	—	—	PASS
141	BL	BL	BL	BL	NA	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
142	BL	BL	BL	BL	BL	—	—	PASS
143	BL	BL	BL	BL	BL	—	—	PASS
144	BL	BL	BL	BL	BL	—	—	PASS
145	BL	BL	BL	BL	BL	—	—	PASS
146	BL	BL	BL	BL	NA	—	—	PASS
147	BL	BL	BL	BL	BL	—	—	PASS
148	BL	BL	BL	BL	NA	—	—	PASS
149	BL	BL	BL	BL	NA	—	—	PASS
150	BL	BL	BL	BL	NA	—	—	PASS
151	BL	BL	BL	BL	BL	—	—	PASS
152	BL	BL	BL	BL	BL	—	—	PASS
153	BL	BL	BL	BL	NA	—	—	PASS
154	BL	BL	BL	BL	BL	—	—	PASS
155	BL	BL	BL	BL	BL	—	—	PASS
156	BL	BL	BL	BL	BL	—	—	PASS
157	BL	BL	BL	BL	BL	—	—	PASS
158	BL	BL	BL	BL	NA	—	—	PASS
159	BL	BL	BL	BL	NA	—	—	PASS
160	BL	BL	BL	BL	BL	—	—	PASS
161	BL	BL	BL	BL	NA	—	—	PASS
162	BL	BL	BL	BL	BL	—	—	PASS
163	BL	BL	BL	BL	BL	—	—	PASS
164	BL	BL	BL	BL	BL	—	—	PASS
165	BL	BL	BL	BL	NA	—	—	PASS
166	BL	BL	BL	BL	NA	—	—	PASS
167	BL	BL	BL	BL	NA	—	—	PASS
168	BL	BL	BL	BL	BL	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
169	BL	BL	BL	BL	NA	—	—	PASS
170	BL	BL	BL	BL	NA	—	—	PASS
171	BL	BL	BL	BL	BL	—	—	PASS
172	BL	BL	BL	BL	BL	—	—	PASS
173	BL	BL	BL	BL	BL	—	—	PASS
174	BL	BL	BL	BL	BL	—	—	PASS
175	BL	BL	BL	BL	BL	—	—	PASS
176	BL	BL	BL	BL	BL	—	—	PASS
177	BL	BL	BL	BL	NA	—	—	PASS
178	BL	BL	BL	BL	BL	—	—	PASS
179	BL	BL	BL	BL	NA	—	—	PASS
180	BL	BL	BL	BL	NA	—	—	PASS
181	BL	BL	BL	BL	BL	—	—	PASS
182	BL	BL	BL	BL	NA	—	—	PASS
183	BL	BL	BL	BL	BL	—	—	PASS
184	BL	BL	BL	BL	BL	—	—	PASS
185	BL	BL	BL	BL	BL	—	—	PASS
186	BL	BL	BL	BL	NA	—	—	PASS
187	BL	BL	BL	BL	BL	—	—	PASS
188	BL	BL	BL	BL	NA	—	—	PASS
189	BL	BL	BL	BL	NA	—	—	PASS
190	BL	BL	BL	BL	NA	—	—	PASS
191	BL	BL	BL	BL	BL	—	—	PASS
192	BL	BL	BL	BL	BL	—	—	PASS
193	BL	BL	BL	BL	BL	—	—	PASS
194	BL	BL	BL	BL	NA	—	—	PASS
195	BL	BL	BL	BL	NA	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
196	BL	BL	BL	BL	NA	—	—	PASS
197	BL	BL	BL	BL	BL	—	—	PASS
198	BL	BL	BL	BL	BL	—	—	PASS
199	BL	BL	BL	BL	BL	—	—	PASS
200	BL	BL	BL	BL	BL	—	—	PASS
201	BL	BL	BL	BL	BL	—	—	PASS
202	BL	BL	BL	BL	BL	—	—	PASS
203	BL	BL	BL	BL	BL	—	—	PASS
204	BL	BL	BL	BL	NA	—	—	PASS
205	BL	BL	BL	BL	BL	—	—	PASS
206	BL	BL	BL	BL	BL	—	—	PASS
207	BL	BL	BL	BL	NA	—	—	PASS
208	BL	BL	BL	BL	BL	—	—	PASS
209	BL	BL	BL	BL	BL	—	—	PASS
210	BL	BL	BL	BL	BL	—	—	PASS
211	BL	BL	BL	BL	BL	—	—	PASS
212	BL	BL	BL	BL	BL	—	—	PASS
213	BL	BL	BL	BL	NA	—	—	PASS
214	BL	BL	BL	BL	NA	—	—	PASS
215	BL	BL	BL	BL	NA	—	—	PASS
216	BL	BL	BL	BL	NA	—	—	PASS
217	BL	BL	BL	BL	NA	—	—	PASS
218	BL	BL	BL	BL	NA	—	—	PASS
219	BL	BL	BL	BL	NA	—	—	PASS
220	BL	BL	BL	BL	NA	—	—	PASS
221	BL	BL	BL	BL	BL	—	—	PASS
222	BL	BL	BL	BL	BL	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
223	BL	BL	BL	BL	BL	—	—	PASS
224	BL	BL	BL	BL	BL	—	—	PASS
225	BL	BL	BL	BL	BL	—	—	PASS
226	BL	BL	BL	BL	BL	—	—	PASS
227	BL	BL	BL	BL	BL	—	—	PASS
228	BL	BL	BL	BL	NA	—	—	PASS
229	BL	BL	BL	BL	BL	—	—	PASS
230	BL	BL	BL	BL	BL	—	—	PASS
231	BL	BL	BL	BL	BL	—	—	PASS
232	BL	BL	BL	BL	X	PBBs: N.D. PBDEs: N.D.	—	PASS
233	BL	BL	BL	BL	NA	—	—	PASS
234	BL	BL	BL	BL	BL	—	—	PASS
235	BL	BL	BL	BL	BL	—	—	PASS
236	BL	BL	BL	BL	BL	—	—	PASS
237	BL	BL	BL	BL	BL	—	—	PASS
238	BL	BL	BL	BL	BL	—	—	PASS
239	BL	BL	BL	BL	BL	—	—	PASS
240	BL	BL	BL	BL	BL	—	—	PASS
241	BL	BL	BL	BL	BL	—	—	PASS
242	BL	BL	BL	BL	NA	—	—	PASS
243	BL	BL	BL	BL	BL	—	—	PASS
244	BL	BL	BL	BL	BL	—	—	PASS
245	BL	BL	BL	BL	NA	—	—	PASS
246	BL	BL	BL	BL	BL	—	—	PASS
247	BL	BL	BL	BL	BL	—	—	PASS
248	BL	BL	BL	BL	NA	—	—	PASS

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No.	EDXRF Result <sup>(1)</sup>					Chemical Result <sup>(2)</sup> (mg/kg)	Remark <sup>(3)</sup>	Conclusion
	Pb	Cd	Hg	Cr	Br			
249	BL	BL	BL	BL	BL	—	—	PASS
250	BL	BL	BL	BL	BL	—	—	PASS
251	BL	BL	BL	BL	BL	—	—	PASS
252	BL	BL	BL	BL	BL	—	—	PASS
253	BL	BL	BL	BL	NA	—	—	PASS
254	BL	BL	BL	BL	BL	—	—	PASS
255	BL	BL	BL	BL	BL	—	—	PASS
256	BL	BL	BL	BL	NA	—	—	PASS
257	BL	BL	BL	BL	NA	—	—	PASS
258	BL	BL	BL	BL	NA	—	—	PASS
259	BL	BL	BL	BL	BL	—	—	PASS
260	BL	BL	BL	BL	BL	—	—	PASS
261	BL	BL	BL	BL	BL	—	—	PASS
262	BL	BL	BL	BL	BL	—	—	PASS
263	BL	BL	BL	BL	BL	—	—	PASS
264	BL	BL	BL	BL	BL	—	—	PASS
265	BL	BL	BL	BL	X	PBBs: N.D. PBDEs: N.D.	—	PASS
266	BL	BL	BL	BL	NA	—	—	PASS
267	BL	BL	BL	BL	BL	—	—	PASS
268	BL	BL	BL	BL	BL	—	—	PASS
269	BL	BL	BL	BL	NA	—	—	PASS
270	BL	BL	BL	BL	NA	—	—	PASS
271	BL	BL	BL	BL	BL	—	—	PASS
272	BL	BL	BL	BL	NA	—	—	PASS

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## Remark:

- (1) ① Results are obtained by EDXRF for primary screening, and further wet chemical testing by ICP-OES (for Cd, Pb, Hg), UV-VIS (for Cr(VI)) and GC/MS (for PBBs, PBDEs) is recommended to be performed, if an inconclusive result was found (as "X" in below table) (unit: mg/kg).
- ② OL = Over Limit, BL = Below Limit, X = Inconclusive, NA = Not Applicable.
- ③ The EDXRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

Element	Polymer	Metal	Composite Materials
Cd	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$BL \leq (70-3\sigma) < X < (130+3\sigma) \leq OL$	$LOD < X < (150+3\sigma) \leq OL$
Pb	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Hg	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (700-3\sigma) < X < (1300+3\sigma) \leq OL$	$BL \leq (500-3\sigma) < X < (1500+3\sigma) \leq OL$
Br	$BL \leq (300-3\sigma) < X$	NA	$BL \leq (250-3\sigma) < X$
Cr	$BL \leq (700-3\sigma) < X$	$BL \leq (700-3\sigma) < X$	$BL \leq (500-3\sigma) < X$

## Units and limits in EU RoHS Directive 2011/65/EU:

Element	Pb	Cd	Hg	Cr(VI)	PBBs(single)	PBDEs(single)
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Limit	1000	100	1000	1000	1000	1000

- (2) ① mg/kg = ppm = 0.0001%, N.D. = Not Detected (Less than RL).

② Unit and RL (Report limit) in wet chemical test.

Element	Pb	Cd	Hg	Cr(VI)	PBBs(single)	PBDEs(single)
Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
RL	2	2	2	2	5	5

③ According to IEC 62321-7-1:2015, result on Cr(VI) for metal sample is shown as Positive/Negative.

Negative = Absence of Cr(VI) coating, Positive = Presence of Cr(VI) coating.

Storage condition and production date of the tested sample are unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

④ According to IEC 62321-3-1:2013, this column represents the results of wet chem test.

- (3) This column represents the exempted decoration of material or other related testing sample's information.

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## (2) Phthalates (DBP, BBP, DEHP, DIBP) content

Test Method: IEC 62321-8: 2017, analyzed by gas chromatographic- mass spectrometer (GC-MS).

Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit (mg/kg)	1000	1000	1000	1000	
RL (mg/kg)	30	30	30	30	
Material No.	Result (mg/kg)				
6	N.D.	N.D.	N.D.	N.D.	PASS
10	N.D.	N.D.	N.D.	N.D.	PASS
13	N.D.	N.D.	N.D.	N.D.	PASS
14	N.D.	N.D.	N.D.	N.D.	PASS
15	N.D.	N.D.	N.D.	N.D.	PASS
17	N.D.	N.D.	N.D.	N.D.	PASS
19	N.D.	N.D.	N.D.	N.D.	PASS
20	N.D.	N.D.	N.D.	N.D.	PASS
21	N.D.	N.D.	N.D.	N.D.	PASS
26	N.D.	N.D.	N.D.	N.D.	PASS
27	N.D.	N.D.	N.D.	N.D.	PASS
28	N.D.	N.D.	N.D.	N.D.	PASS
29	N.D.	N.D.	N.D.	N.D.	PASS
30	N.D.	N.D.	N.D.	N.D.	PASS
31	N.D.	N.D.	N.D.	N.D.	PASS
32	N.D.	N.D.	N.D.	N.D.	PASS
34	N.D.	N.D.	N.D.	N.D.	PASS
37	N.D.	N.D.	N.D.	N.D.	PASS
40	N.D.	N.D.	N.D.	N.D.	PASS
49	N.D.	N.D.	N.D.	N.D.	PASS
51	N.D.	N.D.	N.D.	N.D.	PASS
54	N.D.	N.D.	N.D.	N.D.	PASS

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Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit (mg/kg)	1000	1000	1000	1000	
RL (mg/kg)	30	30	30	30	
Material No.	Result (mg/kg)				
55	N.D.	N.D.	N.D.	N.D.	PASS
56	N.D.	N.D.	N.D.	N.D.	PASS
57	N.D.	N.D.	N.D.	N.D.	PASS
58	N.D.	N.D.	N.D.	N.D.	PASS
60	N.D.	N.D.	N.D.	N.D.	PASS
64	N.D.	N.D.	N.D.	N.D.	PASS
66	N.D.	N.D.	N.D.	N.D.	PASS
67	N.D.	N.D.	N.D.	N.D.	PASS
68	N.D.	N.D.	N.D.	N.D.	PASS
73	N.D.	N.D.	N.D.	N.D.	PASS
74	N.D.	N.D.	N.D.	N.D.	PASS
75	N.D.	N.D.	N.D.	N.D.	PASS
76	N.D.	N.D.	N.D.	N.D.	PASS
80	N.D.	N.D.	N.D.	N.D.	PASS
82	N.D.	N.D.	N.D.	N.D.	PASS
84	N.D.	N.D.	N.D.	N.D.	PASS
85	N.D.	N.D.	N.D.	N.D.	PASS
86	N.D.	N.D.	N.D.	N.D.	PASS
87	N.D.	N.D.	N.D.	N.D.	PASS
88	N.D.	N.D.	N.D.	N.D.	PASS
89	N.D.	N.D.	N.D.	N.D.	PASS
90	N.D.	N.D.	N.D.	N.D.	PASS
91	N.D.	N.D.	N.D.	N.D.	PASS
92	N.D.	N.D.	N.D.	N.D.	PASS

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# Test Report

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Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit (mg/kg)	1000	1000	1000	1000	
RL (mg/kg)	30	30	30	30	
Material No.	Result (mg/kg)				
93	N.D.	N.D.	N.D.	N.D.	PASS
94	N.D.	N.D.	N.D.	N.D.	PASS
95	N.D.	N.D.	N.D.	N.D.	PASS
96	N.D.	N.D.	N.D.	N.D.	PASS
97	N.D.	N.D.	N.D.	N.D.	PASS
98	N.D.	N.D.	N.D.	N.D.	PASS
99	N.D.	N.D.	N.D.	N.D.	PASS
100	N.D.	N.D.	N.D.	N.D.	PASS
101	N.D.	N.D.	N.D.	N.D.	PASS
103	N.D.	N.D.	N.D.	N.D.	PASS
105	N.D.	N.D.	N.D.	N.D.	PASS
106	N.D.	N.D.	N.D.	N.D.	PASS
107	N.D.	N.D.	N.D.	N.D.	PASS
109	N.D.	N.D.	N.D.	N.D.	PASS
110	N.D.	N.D.	N.D.	N.D.	PASS
113	N.D.	N.D.	N.D.	N.D.	PASS
114	N.D.	N.D.	N.D.	N.D.	PASS
116	N.D.	N.D.	N.D.	N.D.	PASS
121	N.D.	N.D.	N.D.	N.D.	PASS
123	N.D.	N.D.	N.D.	N.D.	PASS
124	N.D.	N.D.	N.D.	N.D.	PASS
125	N.D.	N.D.	N.D.	N.D.	PASS
126	N.D.	N.D.	N.D.	N.D.	PASS
128	N.D.	N.D.	N.D.	N.D.	PASS

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# Test Report

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Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit (mg/kg)	1000	1000	1000	1000	
RL (mg/kg)	30	30	30	30	
Material No.	Result (mg/kg)				
130	N.D.	N.D.	N.D.	N.D.	PASS
132	N.D.	N.D.	N.D.	N.D.	PASS
135	N.D.	N.D.	N.D.	N.D.	PASS
138	N.D.	N.D.	N.D.	N.D.	PASS
140	N.D.	N.D.	N.D.	N.D.	PASS
142	N.D.	N.D.	N.D.	N.D.	PASS
143	N.D.	N.D.	N.D.	N.D.	PASS
144	N.D.	N.D.	N.D.	N.D.	PASS
145	N.D.	N.D.	N.D.	N.D.	PASS
147	N.D.	N.D.	N.D.	N.D.	PASS
151	N.D.	N.D.	N.D.	N.D.	PASS
152	N.D.	N.D.	N.D.	N.D.	PASS
154	N.D.	N.D.	N.D.	N.D.	PASS
155	N.D.	N.D.	N.D.	N.D.	PASS
156	N.D.	N.D.	N.D.	N.D.	PASS
157	N.D.	N.D.	N.D.	N.D.	PASS
160	N.D.	N.D.	N.D.	N.D.	PASS
162	N.D.	N.D.	N.D.	N.D.	PASS
163	N.D.	N.D.	N.D.	N.D.	PASS
164	N.D.	N.D.	N.D.	N.D.	PASS
168	N.D.	N.D.	N.D.	N.D.	PASS
171	N.D.	N.D.	N.D.	N.D.	PASS
172	N.D.	N.D.	N.D.	N.D.	PASS
173	N.D.	N.D.	N.D.	N.D.	PASS

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# Test Report

Report No.: U00021904241874

Query Password: QW3063

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Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit (mg/kg)	1000	1000	1000	1000	
RL (mg/kg)	30	30	30	30	
Material No.	Result (mg/kg)				
174	N.D.	N.D.	N.D.	N.D.	PASS
175	N.D.	N.D.	N.D.	N.D.	PASS
176	N.D.	N.D.	N.D.	N.D.	PASS
178	N.D.	N.D.	N.D.	N.D.	PASS
181	N.D.	N.D.	N.D.	N.D.	PASS
183	N.D.	N.D.	N.D.	N.D.	PASS
184	N.D.	N.D.	N.D.	N.D.	PASS
185	N.D.	N.D.	N.D.	N.D.	PASS
187	N.D.	N.D.	N.D.	N.D.	PASS
191	N.D.	N.D.	N.D.	N.D.	PASS
192	N.D.	N.D.	N.D.	N.D.	PASS
193	N.D.	N.D.	N.D.	N.D.	PASS
197	N.D.	N.D.	N.D.	N.D.	PASS
198	N.D.	N.D.	N.D.	N.D.	PASS
199	N.D.	N.D.	N.D.	N.D.	PASS
200	N.D.	N.D.	N.D.	N.D.	PASS
201	N.D.	N.D.	N.D.	N.D.	PASS
202	N.D.	N.D.	N.D.	N.D.	PASS
203	N.D.	N.D.	N.D.	N.D.	PASS
205	N.D.	N.D.	N.D.	N.D.	PASS
206	N.D.	N.D.	N.D.	N.D.	PASS
208	N.D.	N.D.	N.D.	N.D.	PASS
209	N.D.	N.D.	N.D.	N.D.	PASS
210	N.D.	N.D.	N.D.	N.D.	PASS

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Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit (mg/kg)	1000	1000	1000	1000	
RL (mg/kg)	30	30	30	30	
Material No.	Result (mg/kg)				
211	N.D.	N.D.	N.D.	N.D.	PASS
212	N.D.	N.D.	N.D.	N.D.	PASS
221	N.D.	N.D.	N.D.	N.D.	PASS
222	N.D.	N.D.	N.D.	N.D.	PASS
223	N.D.	N.D.	N.D.	N.D.	PASS
224	N.D.	N.D.	N.D.	N.D.	PASS
225	N.D.	N.D.	N.D.	N.D.	PASS
226	N.D.	N.D.	N.D.	N.D.	PASS
227	N.D.	N.D.	N.D.	N.D.	PASS
229	N.D.	N.D.	N.D.	N.D.	PASS
230	N.D.	N.D.	N.D.	N.D.	PASS
231	N.D.	N.D.	N.D.	N.D.	PASS
232	N.D.	N.D.	N.D.	N.D.	PASS
234	N.D.	N.D.	N.D.	N.D.	PASS
235	N.D.	N.D.	N.D.	N.D.	PASS
236	N.D.	N.D.	N.D.	N.D.	PASS
237	N.D.	N.D.	N.D.	N.D.	PASS
238	N.D.	N.D.	N.D.	N.D.	PASS
239	N.D.	N.D.	N.D.	N.D.	PASS
240	N.D.	N.D.	N.D.	N.D.	PASS
241	N.D.	N.D.	N.D.	N.D.	PASS
243	N.D.	N.D.	N.D.	N.D.	PASS
244	N.D.	N.D.	N.D.	N.D.	PASS
246	N.D.	N.D.	N.D.	N.D.	PASS

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Substances	DBP	BBP	DEHP	DIBP	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	
Limit (mg/kg)	1000	1000	1000	1000	
RL (mg/kg)	30	30	30	30	
Material No.	Result (mg/kg)				
247	N.D.	N.D.	N.D.	N.D.	PASS
249	N.D.	N.D.	N.D.	N.D.	PASS
250	N.D.	N.D.	N.D.	N.D.	PASS
251	N.D.	N.D.	N.D.	N.D.	PASS
252	N.D.	N.D.	N.D.	N.D.	PASS
254	N.D.	N.D.	N.D.	N.D.	PASS
255	N.D.	N.D.	N.D.	N.D.	PASS
259	N.D.	N.D.	N.D.	N.D.	PASS
260	N.D.	N.D.	N.D.	N.D.	PASS
261	N.D.	N.D.	N.D.	N.D.	PASS
262	N.D.	N.D.	N.D.	N.D.	PASS
263	N.D.	N.D.	N.D.	N.D.	PASS
264	N.D.	N.D.	N.D.	N.D.	PASS
265	N.D.	N.D.	N.D.	N.D.	PASS
267	N.D.	N.D.	N.D.	N.D.	PASS
268	N.D.	N.D.	N.D.	N.D.	PASS
271	N.D.	N.D.	N.D.	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. RL = report limit.
  3. N.D.=not detected(less than RL).

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# Test Report

Report No.: U00021904241874

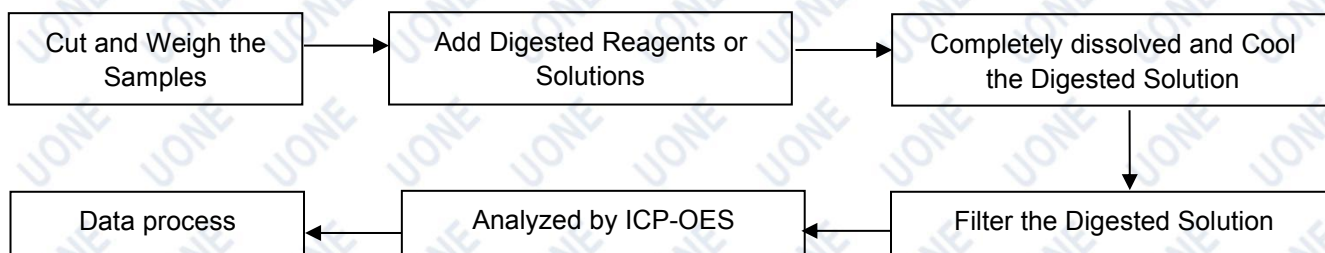
Query Password: QW3063

Date: May 27, 2019

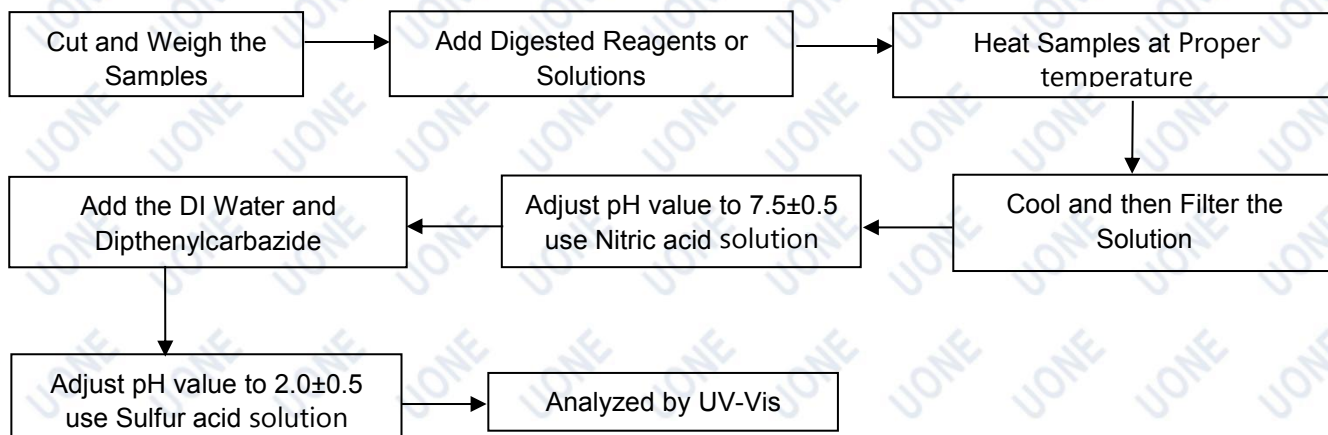
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## Test Process Flow

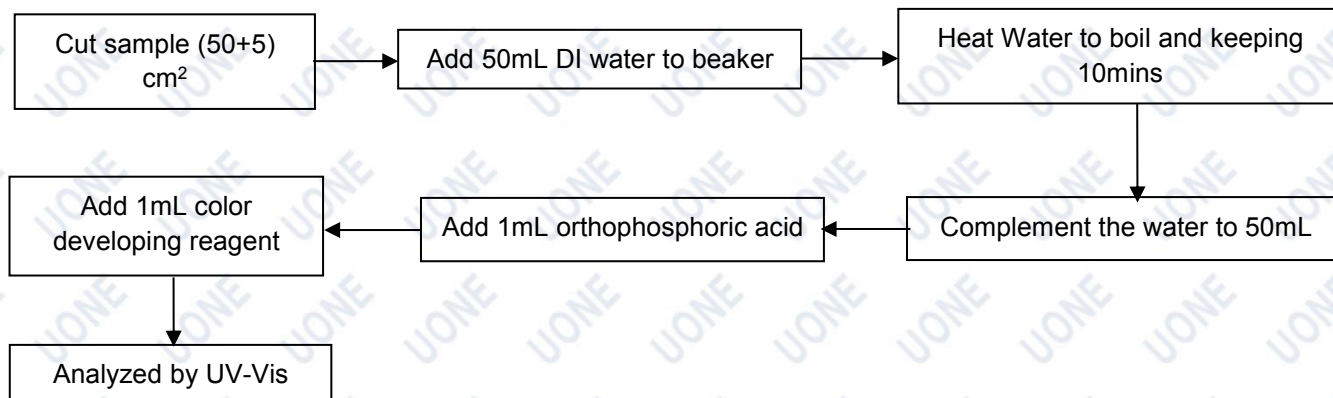
### 1. Lead, Cadmium, Mercury



### 2. Hexavalent Chromium (Non-metal)



### Hexavalent Chromium (Metal)



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## Test Report

Report No.: U000021904241874

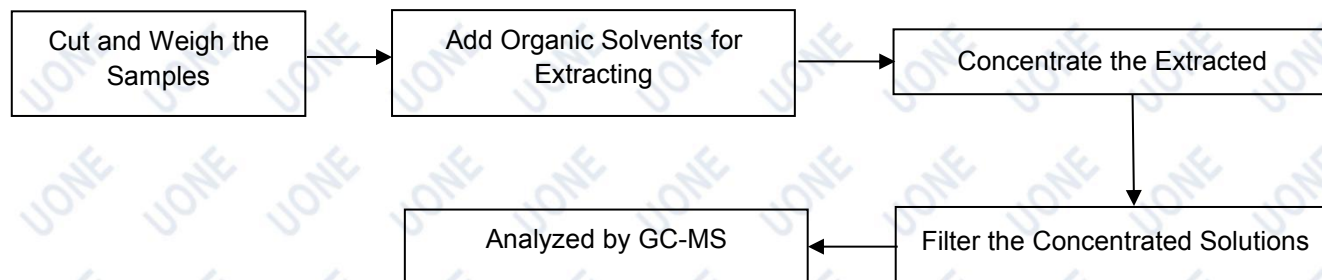
Query Password: QW3063

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### Test Process Flow (Continued):

#### 3. PBBs & PBDEs, Phthalates



### Photo(s) of Sample:



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

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