



中国认可
国际互认
检测
TESTING
CNAS L1744

TEST REPORT

LAB NO. : (8824)108-0026
DATE : May 22, 2024
PAGE : 1 OF 18

Applicant Name: SHANTOUSHI CHENGHAIQU WENSHENG PLASTIC TOYS
INDUSTRY CO.,LTD

Applicant Address: DONGHU INDUSTRIAL ZONE, FENGXIANG STREET, CHENGHAI DIS-
TRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

Date of Submission: APR 17, 2024

Test Period: APR 17, 2024 TO MAY 22, 2024

Sample Description: GAME CONSOLE SERIES

Style No. : 627013、WS5368、630941、WS5908A、WS5901、WS5901A、WS5901B、
WS5902、WS5902A、WS5902B、WS5903、WS5903A、WS5903B、WS5905、
WS5905A、WS5905B、WS5906、WS5906A、WS5906B、WS5907、WS5907A、
WS5907B、WS5908、WS5908B、WS5909、WS5909A、WS5909B、WS5910、
WS5910A、WS5910B、WS5911、WS5911A、WS5911B、WS5912、WS5912A、
WS5912B、WS5913、WS5913A、WS5913B、WS5915、WS5915A、WS5915B、
WS5916、WS5916A、WS5916B、WS5917、WS5917A、WS5917B、WS5918、
WS5918A、WS5918B、WS5919、WS5919A、WS5919B、WS5920、WS5920A、
WS5920B、WS5801、WS5802、WS5319、WS5320、WS5321、WS5322、
WS5323、WS5326、WS5329、WS5335、WS5359、WS5360、WS5375-1、
WS5375-2、WS5366-1、WS5366-2、WS5376、8969、WS5367

Sample Size: 2



BUREAU VERITAS SHENZHEN CO.,LTD
DONGGUAN BRANCH

Lisa Bai

Lisa Bai
Analytical lab technical ass. manager

RT/Carmen Xiong

REMARK

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

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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



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Photo of the Submitted Sample



Photo of Test Item(s)



Photo of Test Item(s)

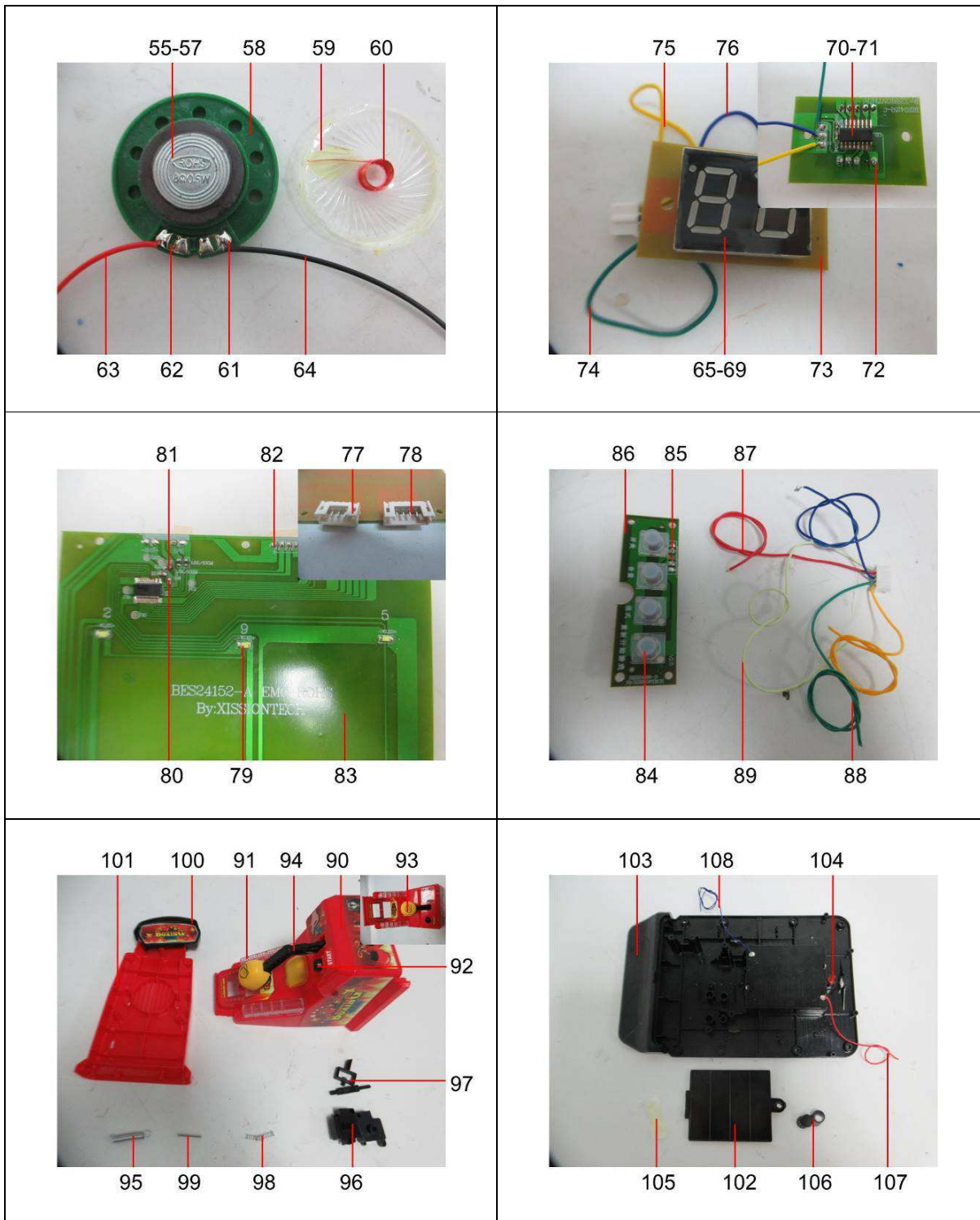
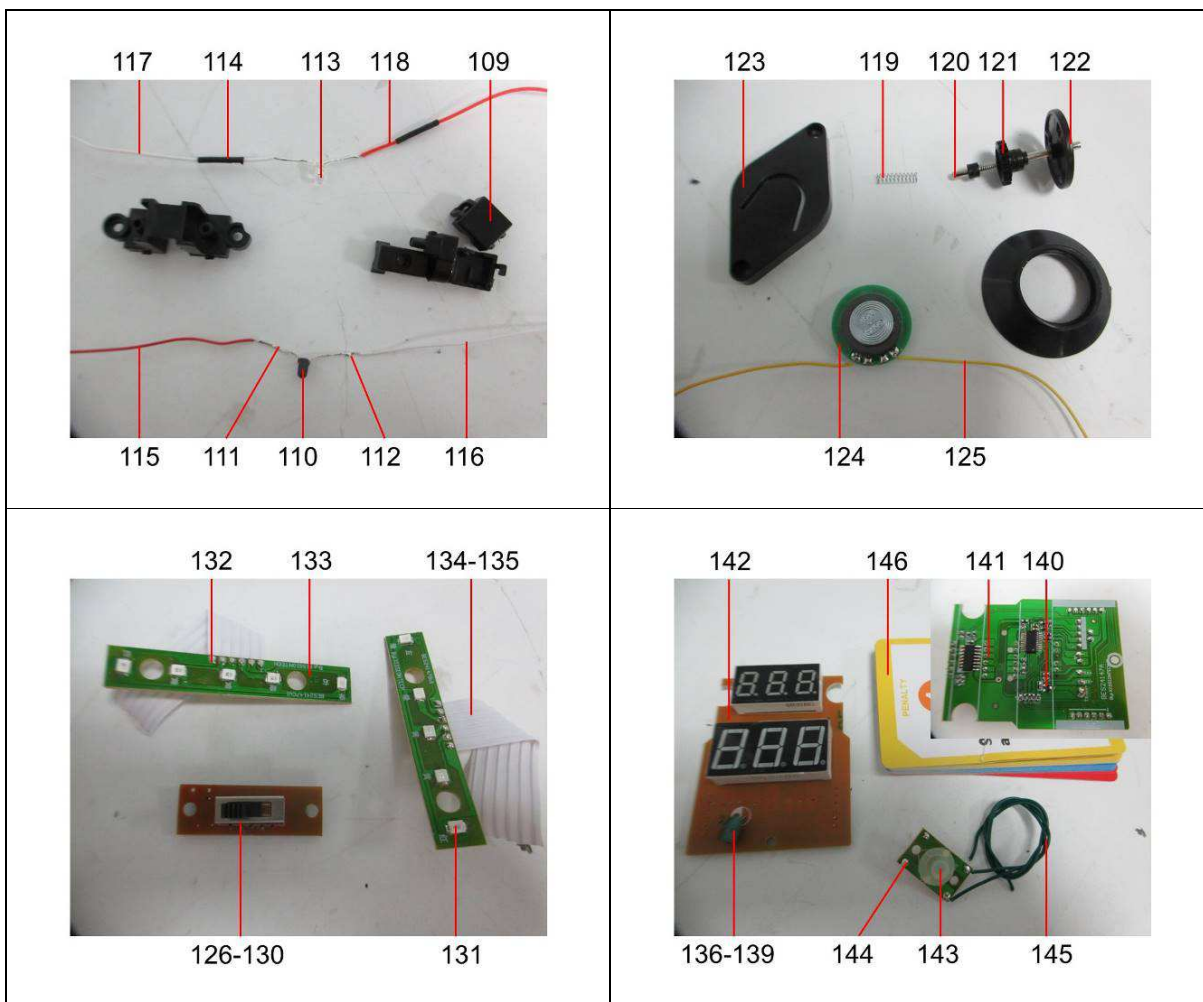


Photo of Test Item(s)



Component Description List

1.Purple 2.Red

Test Item(s)	Component Description(s)	Location	Style(s)
1	Purple plastic	Housing	1
2	Clear laminated multi-color printed white paper	Sticker, housing	1
3	Transparent plastic	Holder, button, housing	1
4	Clear laminated multi-color printed brown paper	Holder, button, housing	1
5	White coated red plastic	Button, housing	1
6	White coated dark yellow plastic	Button, housing	1
7	White coated purple plastic	Button, housing	1
8	White coated green plastic	Button, housing	1
9	White coated orange plastic	Button, housing	1
10	Yellow plastic	Board, housing	1
11	White plastic	Shaft, housing	1
12	Purple plastic	Frame, housing	1
13	White coated yellow plastic	Holder, button, housing	1
14	White plastic	Button, housing	1
15	Purple plastic	Base, housing	1
16	Black foam with adhesive	Gasket, housing	1
17	Silvery metal	Screw, housing	1-2
18	Bright silvery metal	Screw, housing	1-2
19	Black plastic	Battery cover	1
20	Transparent plastic	Washer, battery cover	1-2
21	Black plastic	Battery holder	1
22	Silvery metal	Spring, battery holder	1-2
23	Silvery metal	Contact plate, battery holder	1-2
24	Silvery solder	Solder, battery holder	1-2
25	Dark green soft plastic	Wire insulation, cable, battery holder	1
26	Dark red soft plastic	Wire insulation, cable, battery holder	1
27	Coppery metal	Wire, cable, battery holder	1
28	White plastic	Retainer, nut, battery holder	1
29	Silvery metal	Nut, battery holder	1-2
30	Silvery metal	Tube, DC plug	1
31	Black plastic	Pin holder, DC plug	1
32	Silvery metal	Pin, DC plug	1
33	Silvery solder	Solder, DC plug	1
34	Black soft plastic	Wire insulation, cable, DC plug	1
35	Green soft plastic	Wire insulation, cable, DC plug	1

Test Item(s)	Component Description(s)	Location	Style(s)
36	Red soft plastic	Wire insulation, cable, DC plug	1
37	Light yellow/white soft plastic	Wire insulation, cable, DC plug	1
38	Dark yellow soft plastic	Wire insulation, cable, DC plug	1
39	Blue soft plastic	Wire insulation, cable, DC plug	1
40	White plastic	Socket, cable, DC plug	1
41	Silvery metal	Pin, socket, cable, DC plug	1
42	Purple plastic	Connector	1
43	Brown/orange coating	Coating, connector	1
44	Black plastic	Base, connector	1
45	Purple plastic	Holder, display screen	1
46	Black plastic	Case, DC plug, connector	1
47	Silvery metal	Contact plate, DC plug, connector	1
48	Silvery metal	Pin, DC plug, connector	1
49	Silvery solder	Solder, DC plug, connector	1
50	Dark blue soft plastic	Wire insulation, cable, DC plug, connector	1
51	Yellow soft plastic	Wire insulation, cable, DC plug, connector	1
52	Green soft plastic	Wire insulation, cable, DC plug, connector	1
53	Black soft plastic	Wire insulation, cable, DC plug, connector	1
54	White soft plastic	Wire insulation, cable, DC plug, connector	1
55	Silvery metal	Ring, speaker	1-2
56	Black magnet	Magnet, speaker	1-2
57	Silvery metal	Base, magnet, speaker	1-2
58	Green plastic	Case, speaker	1
59	Transparent plastic with yellow glue	Diaphragm, speaker	1-2
60	Red metal	Coil, speaker	1-2
61	Silvery solder	Solder, PCB, speaker	1-2
62	Green PCB	PCB, speaker	1-2
63	Red soft plastic	Wire insulation, cable, speaker	1
64	Black soft plastic	Wire insulation, cable, speaker	1
65	Translucent plastic	Diaphragm, display screen	1-2
66	Black coated white plastic	Display screen	1-2
67	Transparent glue	Glue, display screen	1-2
68	Black plastic	Board, display screen	1-2
69	Silvery metal	Pin, display screen	1-2
70	Black body	IC, PCB	1-2
71	Silvery/coppery metal	Plate, IC, PCB	1-2
72	Silvery solder	Solder, PCB	1
73	Green/brown PCB	PCB	1
74	Light green soft plastic	Wire insulation, cable, PCB	1



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Test Item(s)	Component Description(s)	Location	Style(s)
75	Yellow soft plastic	Wire insulation, cable, PCB	1
76	Blue soft plastic	Wire insulation, cable, PCB	1
77	Brown plastic	Socket, PCB	1
78	Silvery metal	Pin, socket, PCB	1
79	Yellow body	SMD LED, PCB	1
80	Black printed white body	SMD resistor, PCB	1-2
81	Brown body	SMD capacitor, PCB	1-2
82	Silvery solder	Solder, PCB	1
83	Green/brown PCB	PCB	1
84	Transparent/black plastic	Button, PCB	1
85	Silvery solder	Solder, PCB	1
86	Green/brown PCB	PCB	1
87	Red soft plastic	Wire insulation, cable, PCB	1
88	Blue soft plastic	Wire insulation, cable, PCB	1
89	Light yellow/white soft plastic	Wire insulation, cable, PCB	1
90	Red plastic	Housing	2
91	Transparent plastic	Lamp holder, housing	2
92	Black plastic	Button, housing	2
93	Black coated yellow soft plastic	Button, housing	2
94	Black plastic with transparent oil	Shaft, button, housing	2
95	Bright silvery metal	Spring, button, housing	2
96	Black plastic	Connector, housing	2
97	Black plastic	Fitting, housing	2
98	Silvery metal	Spring, housing	2
99	Silvery metal	Shaft, housing	2
100	Black plastic	Fitting, housing	2
101	Red plastic	Base, housing	2
102	Black plastic	Battery cover	2
103	Black plastic	Battery holder	2
104	Translucent red plastic	Retainer, nut, battery holder	2
105	Beige paper	Adhesive tape, battery holder	2
106	Black soft plastic	Gasket, battery holder	2
107	Dark blue soft plastic	Wire insulation, cable, battery holder	2
108	Red soft plastic	Wire insulation, cable, battery holder	2
109	Black plastic	Holder, LED	2
110	Translucent black plastic	LED	2
111	Silvery metal	Pin, LED	2
112	Silvery solder	Solder, LED	2
113	Transparent plastic	LED	2



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Test Item(s)	Component Description(s)	Location	Style(s)
114	Black soft plastic	Heat shrinkable tube, cable, LED	2
115	Dark red soft plastic	Wire insulation, cable, LED	2
116	White soft plastic	Wire insulation, cable, LED	2
117	Off-white soft plastic	Wire insulation, cable, LED	2
118	Red soft plastic	Wire insulation, cable, LED	2
119	Bright silvery metal	Spring, motor	2
120	Bright silvery metal	Shaft, motor	2
121	Black plastic	Gear, motor	2
122	Black plastic	Ring, motor	2
123	Black plastic	Holder, speaker	2
124	Green plastic	Case, speaker	2
125	Yellow soft plastic	Wire insulation, cable, speaker	2
126	Black plastic	Button, toggle switch, PCB	2
127	Silvery metal	Case, toggle switch, PCB	2
128	Bright silvery metal	Contact plate, toggle switch, PCB	2
129	Brown plastic	Base, toggle switch, PCB	2
130	Silvery metal	Pin, toggle switch, PCB	2
131	White body	SMD LED, PCB	2
132	Silvery solder	Solder, PCB	2
133	Green/brown PCB	PCB	2
134	White soft plastic	Wire insulation, cable, LED	2
135	Silvery metal	Wire, cable, LED	2
136	Grey printed green soft plastic	Sleeve, electrolytic capacitor, PCB	2
137	Silvery body	Electrolytic capacitor, PCB	2
138	Black soft plastic	Base, electrolytic capacitor, PCB	2
139	Silvery metal	Pin, electrolytic capacitor, PCB	2
140	Black body	SMD transistor, PCB	2
141	Silvery solder	Solder, PCB	2
142	Green/brown PCB	PCB	2
143	Translucent/black soft plastic	Button, PCB	2
144	Silvery solder	Solder, PCB	2
145	Dark green soft plastic	Wire insulation, cable, PCB	2
146	Multi-color printed white paper	Card	2

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	BL	BL*	BL*	BL*	BL*	PASS
5	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
6	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
7	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	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	BL	BL*	BL*	BL*	BL*	PASS
11	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
12	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
13	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
14	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	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	BL	NA	NA	NA	NA	NA	PASS
23	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
24	BL	BL	BL	BL	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	PASS
28	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
29	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
30	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS



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-	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	NA	NA	NA	NA	NA	PASS
34	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	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	BL	BL*	BL*	BL*	BL*	PASS
39	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
40	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
41	100*	BL	BL*	BL	NA	NA	NA	NA	NA	PASS
42	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
43	BL	BL	BL	BL	BL	BL*	BL*	60*	BL*	PASS
44	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	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	NA	NA	NA	NA	NA	PASS
48	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
49	BL	BL	BL	BL	NA	NA	NA	NA	NA	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	BL	BL*	BL*	BL*	BL*	PASS
53	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
54	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
55	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
56	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
57	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
58	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
59	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	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	BL*	BL*	BL*	BL*	BL*	PASS
63	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
64	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
65	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
66	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
67	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS
68	BL	BL	BL	BL	BL*	BL*	BL*	BL*	BL*	PASS



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-	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)	-	-	-	-	-	-	-	-	-	-
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	NA	NA	NA	NA	NA	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	NA	NA	NA	NA	NA	PASS
83	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
84	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
85	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
86	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	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	BL	BL*	BL*	BL*	BL*	PASS
94	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
95	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
96	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
97	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
98	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
99	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
100	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	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*	80*	BL*	PASS
106	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS



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-	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)	-	-	-	-	-	-	-	-	-	-
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	NA	NA	NA	NA	NA	PASS
113	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
114	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
115	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
116	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	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	BL	BL*	BL*	BL*	BL*	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	BL	BL*	BL*	BL*	BL*	PASS
127	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS
128	BL	BL	BL	BL	NA	NA	NA	NA	NA	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	BL	BL*	BL*	BL*	BL*	PASS
132	BL	BL	BL	BL	NA	NA	NA	NA	NA	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	BL	BL*	BL*	BL*	BL*	PASS
138	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
139	BL	BL	BL	BL	NA	NA	NA	NA	NA	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	BL	BL*	BL*	BL*	BL*	PASS
143	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
144	BL	BL	BL	BL	NA	NA	NA	NA	NA	PASS



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-	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)	-	-	-	-	-	-	-	-	-	-
145	BL	BL	BL	BL	BL	BL*	BL*	BL*	BL*	PASS
146	BL	BL	BL	BL	BL	BL*	BL*	160*	BL*	PASS

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)				Maximum Allowable Limit (mg/kg)
		X-ray fluorescence (XRF) ^[a]			Wet Chemistry	
		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 ^[i]	Each 1000



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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).	
[h]	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 ***