TEST REPORT

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BEIJING EPSOLAR TECHNOLOGY CO.,LTD.
NO.228, BLOCK A, 2ND FLOOR, BLDG 1, NO.3 STREET, SHANGDI XINXI CHANYE JIDI, HAIDIAN DISTRICT, BEIJING, CHINA

Report on the submitted samples said to be:

Sample Name	:	Inverter/charger
Tested Style/ Items No.①	:	UP5000-M10342
Additional Styles/ Items No.②	:	UP1000-M3212/UP1000-M3222/UP1500-M3222/UP2000-M3322/UP3000-M3322/ UP3000-M2142/UP3000-M6142/UP3000-M6322/UP5000-M6342/UP5000-M8342
Sample Receiving Date	:	February 1, 2019
Testing Period	:	From February 1, 2019 to May 27, 2019
Results	:	Please refer to next page(s).
Remark	:	①The tested Style/ Item No. is tested by the lab. ②The Additional Styles/ Items No. declared in the applicant's declaration are not tested, their materials are the same as the tested parts and the result of the test report is only responsible for the test sample.

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Summary of Test Results:

TEST REQUEST		CONCLUSION
A	RoHS Directive 2011/65/EU and its amendment directives	
	XRF screening test and Wet Chemical Testing (Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs & PBDEs content)	**Pass**
	Phthalates(DBP、BBP、DEHP、DIBP)content	**Pass**

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Signed for and on behalf of BACL

Checked by: _____ Approved by: _____

Jane Xu
Technical Supervisor

Bensen Huang
Laboratory Manager

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Results:

A、RoHS Directive 2011/65/EU and its amendment directives

XRF screening test

Test method: With reference to IEC62321-3-1:2013 screening by X-ray Fluorescence Spectroscopy (XRF)

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
1	Silvery metal(long screw, accessory)	BL	BL	BL	BL	---
2	Lt silvery metal(connector, accessory)	BL	BL	BL	BL	---
3	Grey plastic(sleeve, accessory)	BL	BL	BL	BL	BL
4	Silvery metal(tube, accessory)	BL	BL	BL	BL	---
5*	Red plastic(shell, tube, accessory)	BL	BL	BL	BL	IN
6*	Green plastic(shell, tube, accessory)	BL	BL	BL	BL	IN
7*	Yellow plastic(shell, tube, accessory)	BL	BL	BL	BL	IN
8*	Silvery metal(nut, expansion screws, accessory)	BL	BL	BL	IN	---
9*	Silvery metal(ring, expansion screws)	BL	BL	BL	IN	---
10*	Silvery metal(gasket, expansion screws)	BL	BL	BL	IN	---
11*	Silvery metal(long screw, expansion screws)	BL	BL	BL	IN	---
12*	Silvery metal(tube, expansion screws)	BL	BL	BL	IN	---
13*	Black plastic(plate fixer, accessory)	BL	BL	BL	BL	IN
14	Silvery metal(plate, accessory)	BL	BL	BL	BL	---
15	Green plastic(shell, plug, accessory)	BL	BL	BL	BL	BL
16*[2]	Red glass(diode, plug, accessory)	OL	BL	BL	BL	BL
17	Silvery metal(screw, plug, accessory)	BL	BL	BL	BL	---
18*[1]	Golden metal with silvery plating(nut, plug, accessory)	OL	BL	BL	BL	---
19	Coppery metal with silvery plating(pin, plug, accessory)	BL	BL	BL	BL	---
20	Silvery metal(screw, Inverter)	BL	BL	BL	BL	---
21*	Silvery metal with black coating(screw, Inverter)	BL	BL	BL	IN	---
22	Silvery metal with black coating(long screw, Inverter)	BL	BL	BL	BL	---

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
23	Silvery metal(long screw, Inverter)	BL	BL	BL	BL	---
24	Silvery metal(ring, long screw, Inverter)	BL	BL	BL	BL	---
25	Silvery metal(gasket, long screw, Inverter)	BL	BL	BL	BL	---
26	Silvery metal with grey coating(bottom shell, Inverter)	BL	BL	BL	BL	---
27	Silvery metal with beige coating(front shell, Inverter)	BL	BL	BL	BL	---
28	Transparent adhesive plastic with multicolor coating(label, front shell, Inverter)	BL	BL	BL	BL	BL
29	Translucent soft plastic(sheet, inner, Inverter)	BL	BL	BL	BL	BL
30	Black adhesive foam(cushion, screen, Inverter)	BL	BL	BL	BL	BL
31	Off white plastic(film, screen, Inverter)	BL	BL	BL	BL	BL
32	White plastic(film, screen, Inverter)	BL	BL	BL	BL	BL
33	Transparent plastic(sheet, screen, Inverter)	BL	BL	BL	BL	BL
34	Grey adhesive plastic(film, lens, screen)	BL	BL	BL	BL	BL
35	Transparent adhesive plastic(film, lens, screen)	BL	BL	BL	BL	BL
36	Transparent glass(lens, screen)	BL	BL	BL	BL	BL
37	Yellow body(LED, FPC"RHL1250A0", screen)	BL	BL	BL	BL	BL
38*	White FPC(FPC"RHL1250A0", screen)	BL	BL	BL	BL	IN
39	Silvery solder(FPC"RHL1250A0", screen)	BL	BL	BL	BL	---
40*	Green body(LED, PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	IN
41*	Red body(LED, PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	IN
42	Black plastic(base, LED, PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
43	Black plastic(button, switch"J2", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
44	Black plastic(tube, switch"J2")	BL	BL	BL	BL	BL
45	Silvery metal(foil, switch"J2")	BL	BL	BL	BL	---
46	Black plastic(connector holder, switch"J2")	BL	BL	BL	BL	BL
47	Silvery metal(connector, switch"J2")	BL	BL	BL	BL	---
48	Black soft plastic(film, switch"J2")	BL	BL	BL	BL	BL

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
49	Black plastic(shell, buzzer"BZ1", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
50	Black magnet(core, buzzer"BZ1")	BL	BL	BL	BL	BL
51	Black plastic(sealing, buzzer"BZ1")	BL	BL	BL	BL	BL
52	Silvery metal(foil, buzzer"BZ1")	BL	BL	BL	BL	---
53	Lt silvery metal(foil, buzzer"BZ1")	BL	BL	BL	BL	---
54	Coppery metal with blue coating(coil, buzzer"BZ1")	BL	BL	BL	BL	---
55	Silvery metal(bobbin, buzzer"BZ1")	BL	BL	BL	BL	---
56	Black body(triode, micro PCB, buzzer"BZ1")	BL	BL	BL	BL	BL
57	Black body with white printing(resistor, micro PCB, buzzer"BZ1")	BL	BL	BL	BL	BL
58*	Green PCB(micro PCB, buzzer"BZ1")	BL	BL	BL	BL	IN
59	Silvery solder(micro PCB, buzzer"BZ1")	BL	BL	BL	BL	---
60	White plastic(pin holder, socket"P1", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
61	Golden metal with silvery plating(pin, socket"P1")	BL	BL	BL	BL	---
62	Black body(diode"D12", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
63	White adhesive paper with black printing(label, PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
64	White adhesive paper with blue printing(label, PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
65	Black plastic(base, crystal"Y1", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
66	Silvery body(crystal"Y1", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
67	Black body(IC"U1", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
68	Brown body(capacitor"C2", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
69	Black body with white printing(resistor"R18", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
70	Black body(triode"Q5", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
71	Grey body(inductor"L2", PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL
72	Green PCB(PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	BL

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Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
73	Silvery solder(PCB"Up-Central Control Unit_V1.3.0")	BL	BL	BL	BL	---
74*	Silvery metal with black coating(screw, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	IN	---
75*	Silvery metal with black coating(gasket, screw, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	IN	---
76*	Silvery metal with black coating(ring, screw, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	IN	---
77*	Black plastic(long fixer, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	IN
78	Grey plastic with white printing(sleeve, capacitor"E1_1", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
79	Blue plastic with white printing(sleeve, capacitor"E7")	BL	BL	BL	BL	BL
80	Silvery metal(shell, capacitor"E7")	BL	BL	BL	BL	---
81	Black rubber(base, capacitor"E7")	BL	BL	BL	BL	BL
82	Transparent soft plastic(film, capacitor"E7")	BL	BL	BL	BL	BL
83	Brown paper with liquid(film, capacitor"E7")	BL	BL	BL	BL	BL
84	Silvery metal(foil, capacitor"E7")	BL	BL	BL	BL	---
85	Dull silvery metal(foil, capacitor"E7")	BL	BL	BL	BL	---
86	Silvery metal(connector, capacitor"E7")	BL	BL	BL	BL	---
87	Silvery metal(pin, capacitor"E7")	BL	BL	BL	BL	---
88*	Black body(triode"D30", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	IN
89	Blue body(capacitor"C2", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
90	Black plastic(pin holder, connector, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
91	Golden metal with silvery plating(pin, connector, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	---
92	Golden metal with silvery plating(connector, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	---
93	Beige plastic(cushion, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
94	White plastic(pin holder, socket"P2", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
95	Golden metal with silvery plating(pin, socket"P2", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	---

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
96	White soft glue(cover, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
97*[2]	Red body(diode"D2", PCB"UPMPT10420AN-POWER-VER3-2-1")	OL	BL	BL	BL	BL
98*	Black body(diode"D9_1", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	IN
99	White adhesive paper with black printing(label, PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
100	Black body(IC"U10", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
101	Brown body(capacitor"C55", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
102	Black body with white printing(resistor"82", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
103	Black body(triode"Q5", PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	BL
104*	Green PCB(PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	IN
105	Silvery solder(PCB"UPMPT10420AN-POWER-VER3-2-1")	BL	BL	BL	BL	---
106	Black plastic(shell, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
107	Black magnet(core, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
108	Black plastic(sealing, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
109*	Silvery metal(foil, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	IN	---
110*	Lt silvery metal(foil, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	IN	---
111	Coppery metal with blue coating(coil, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	---
112	Silvery metal(bobbin, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	---
113	Black body(triode, micro PCB, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
114	Black body with white printing(resistor, micro PCB, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
115*	Green PCB(micro PCB, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	IN
116	Silvery solder(micro PCB, buzzer"SP1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	---
117*	Red body(LED"D7", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	IN
118	Black plastic(base, LED"D7", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
119	Green plastic(pin holder, socket"J1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
120	Golden metal with silvery plating(pin, socket"J1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	---
121	Black magnet(core, inductor"L1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
122	Coppery metal(coil, inductor"L1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	---
123	Black plastic(base, crystal"Y1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
124	Silvery body(crystal"Y1", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
125	Black body(IC"U10", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
126	Brown body(capacitor"C10", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
127	Black body with white printing(resistor"R78", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
128	Black body(diode"D22", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
129	Black body(triode"Q2", PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	BL
130*	Green PCB(PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	IN
131	Silvery solder(PCB"UPMPT-MCU-EM-VER3-2-1")	BL	BL	BL	BL	---
132	Silvery metal(big radiator, Inverter)	BL	BL	BL	BL	---
133	Pink soft silicone(radiator, big radiator, Inverter)	BL	BL	BL	BL	BL
134	Green soft silicone(radiator, big radiator, Inverter)	BL	BL	BL	BL	BL
135	Grey soft silicone(radiator, big radiator, Inverter)	BL	BL	BL	BL	BL
136	White plastic(sheet, big radiator, Inverter)	BL	BL	BL	BL	BL
137*[1]	Golden metal(screw, big radiator, Inverter)	OL	BL	BL	BL	---
138	Black plastic(screw/nut holder, big radiator, Inverter)	BL	BL	BL	BL	BL
139*[1]	Golden metal(screw, screw/nut holder, big radiator)	OL	BL	BL	BL	---
140*[1]	Golden metal(nut, screw/nut holder, big radiator)	OL	BL	BL	BL	---
141	Coppery metal with red coating(big coil, big radiator, Inverter)	BL	BL	BL	BL	---
142	Transparent adhesive plastic(tape, big coil, big radiator)	BL	BL	BL	BL	BL
143	Yellow adhesive plastic(tape, big coil, big radiator)	BL	BL	BL	BL	BL

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
144	Black soft glue(sealing, big coil, big radiator)	BL	BL	BL	BL	BL
145	Transparent soft glue(sealing, big coil, big radiator)	BL	BL	BL	BL	BL
146	White plastic(cable tie, cable, big coil)	BL	BL	BL	BL	BL
147	White soft plastic(sleeve, cable, big coil)	BL	BL	BL	BL	BL
148	Red soft plastic(sleeve, cable, big coil)	BL	BL	BL	BL	BL
149	Black soft plastic with white printing(sleeve, cable, big coil)	BL	BL	BL	BL	BL
150	Brown adhesive plastic(tape, cable, big coil)	BL	BL	BL	BL	BL
151	Coppery metal(connector, cable, big coil)	BL	BL	BL	BL	---
152	Silvery metal(tie, cable, big coil)	BL	BL	BL	BL	---
153	Silvery solder(tie, cable, big coil)	BL	BL	BL	BL	---
154	Black soft silicone with white printing(cable jacket, cable, big coil)	BL	BL	BL	BL	BL
155	Coppery metal with silvery plating(wire, cable, big coil)	BL	BL	BL	BL	---
156	Silvery adhesive plastic with black printing(label, Inverter)	BL	BL	BL	BL	BL
157	White adhesive plastic with black printing(label, Inverter)	BL	BL	BL	BL	BL
158	Black plastic(tube, side shell, Inverter)	BL	BL	BL	BL	BL
159*	Black plastic(frame, fan)	BL	BL	BL	BL	IN
160*	Black plastic(blade, fan)	BL	BL	BL	BL	IN
161	Red soft plastic(wire jacket, fan)	BL	BL	BL	BL	BL
162	Black soft plastic(wire jacket, fan)	BL	BL	BL	BL	BL
163	Coppery metal with silvery plating(wire, fan)	BL	BL	BL	BL	---
164	White plastic(terminal holder, wire, fan)	BL	BL	BL	BL	BL
165	Silvery metal(terminal, wire, fan)	BL	BL	BL	BL	---
166	White plastic with black/green printing(label, fan)	BL	BL	BL	BL	BL
167*	Silvery metal(shaft, motor, fan)	BL	BL	BL	IN	---
168	Silvery metal(magnet housing, motor, fan)	BL	BL	BL	BL	---
169	Dull grey magnet(core, motor, fan)	BL	BL	BL	BL	BL

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
170*	Silvery metal(bearing, motor, fan)	BL	BL	BL	IN	---
171	White plastic(gasket, motor, fan)	BL	BL	BL	BL	BL
172*	Silvery metal(spring, motor, fan)	BL	BL	BL	IN	---
173	Silvery metal with black coating(shaft fixer, motor, fan)	BL	BL	BL	BL	---
174	Coppery metal(coil, motor)	BL	BL	BL	BL	---
175	Coppery metal with red plating(coil, motor)	BL	BL	BL	BL	---
176	Silvery metal(plate, motor)	BL	BL	BL	BL	---
177*	Black plastic(insulator, motor)	BL	BL	BL	BL	IN
178*[2]	Red body(diode"Z1", PCB"E464633", fan)	OL	BL	BL	BL	BL
179	Black body(IC"U2", PCB"E464633", fan)	BL	BL	BL	BL	BL
180	Black body(diode"D1", PCB"E464633", fan)	BL	BL	BL	BL	BL
181	Black body(triode"Q3", PCB"E464633", fan)	BL	BL	BL	BL	BL
182	Brown body(capacitor"C2", PCB"E464633", fan)	BL	BL	BL	BL	BL
183	Black body with white printing(resistor"R2", PCB"E464633", fan)	BL	BL	BL	BL	BL
184*	Navy PCB(PCB"E464633", fan)	BL	BL	BL	BL	IN
185	Silvery solder(PCB"E464633", fan)	BL	BL	BL	BL	---
186*	Black plastic with white printing(key, power switch, Inverter)	BL	BL	BL	BL	IN
187	Black plastic(shell, power switch, Inverter)	BL	BL	BL	BL	BL
188	Silvery metal(tube, power switch, Inverter)	BL	BL	BL	BL	---
189	Dull silvery metal(spring, power switch, Inverter)	BL	BL	BL	BL	---
190	Golden metal with silvery plating(connector, power switch, Inverter)	BL	BL	BL	BL	---
191	Coppery metal with silvery plating(contact, connector, power switch)	BL	BL	BL	BL	---
192	Silvery solder(connector, power switch, Inverter)	BL	BL	BL	BL	---
193	Red soft plastic(wire jacket, power switch, Inverter)	BL	BL	BL	BL	BL
194	Red soft plastic with black coating(wire jacket, power switch, Inverter)	BL	BL	BL	BL	BL
195	Coppery metal(wire, power switch, Inverter)	BL	BL	BL	BL	---

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
196	Black soft plastic(sleeve, wire, power switch)	BL	BL	BL	BL	BL
197	White plastic(terminal holder, wire, power switch)	BL	BL	BL	BL	BL
198	Silvery metal(terminal, wire, power switch)	BL	BL	BL	BL	---
199	Brown/red soft plastic with black printing(sleeve, flat cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
200	White soft plastic with red printing(wire jacket, flat cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
201	White soft plastic with blue printing(wire jacket, flat cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
202	Coppery metal with silvery plating(wire, flat cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	---
203*	Black soft plastic(sleeve, flat cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	IN
204*	Red soft plastic(sleeve, flat cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	IN
205	Silvery metal(tube, sleeve, flat cable)	BL	BL	BL	BL	---
206	White plastic(terminal holder, flat cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
207	Silvery metal(terminal, flat cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	---
208	Green plastic(pin holder, plug, cable, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
209*[1]	Golden metal with silvery plating(nut, plug, cable)	OL	BL	BL	BL	---
210	Silvery metal(screw, plug, cable)	BL	BL	BL	BL	---
211	Coppery metal with silvery plating(pin, plug, cable)	BL	BL	BL	BL	---
212	Green plastic(pin holder, socket"P1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
213	Golden metal with silvery plating(pin, socket"P1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	---
214	White plastic(pin holder, socket"P5", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
215	Golden metal with silvery plating(pin, socket"P5", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	---
216*	Red plastic(shell, switch"S1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	IN
217	White plastic(key, switch"S1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
218*	Black plastic(pin holder, switch"S1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	IN
219	Silvery metal(pin, switch"S1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	---
220	Silvery metal(shell, socket"J1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	---
221*	Black plastic(pin holder, socket"J1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	IN
222	Golden metal with silvery plating(pin, socket"J1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	---
223	White adhesive paper with black printing(label, PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
224	Black body(IC"U2", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
225	Black body with golden printing(fuse"F1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
226	Black body(diode"D1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
227	Black body(triode"Q1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
228	Brown body(capacitor"C1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
229	Black body with white printing(resistor"R1", PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	BL
230*	Green PCB(PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	IN
231	Silvery solder(PCB"Up_Common_Board_V1.4.2")	BL	BL	BL	BL	---
232	Silvery metal(base, breaker, Inverter)	BL	BL	BL	BL	---
233	Golden metal(fixer tube, breaker, Inverter)	BL	BL	BL	BL	---
234	Transparent plastic(gasket, fixer tube, breaker)	BL	BL	BL	BL	BL
235*	Silvery metal(shaft, breaker)	BL	BL	BL	IN	---
236	Blue plastic with white printing(handle, breaker)	BL	BL	BL	BL	BL
237	Blue plastic(fixer, shell, breaker)	BL	BL	BL	BL	BL
238*	Grey plastic with black/blue printing(shell, breaker)	BL	BL	BL	BL	IN
239	Coppery metal(plate, breaker)	BL	BL	BL	BL	---
240	Silvery metal(double plate, breaker)	BL	BL	BL	BL	---
241	Coppery metal(wire, breaker)	BL	BL	BL	BL	---

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
242	Coppery metal with silvery plating(plate, breaker)	BL	BL	BL	BL	---
243	Coppery metal with red plating(coil, breaker)	BL	BL	BL	BL	---
244*	Silvery metal(spring, breaker)	BL	BL	BL	IN	---
245*	Beige plastic(tube, coil, breaker)	BL	BL	BL	BL	IN
246	Silvery metal(wire fixer, breaker)	BL	BL	BL	BL	---
247	Silvery metal(screw, wire fixer, breaker)	BL	BL	BL	BL	---
248	Silvery/cyan metal(pin, coil, breaker)	BL	BL	BL	BL	---
249	Silvery/cyan metal(tube, coil, breaker)	BL	BL	BL	BL	---
250	Beige plastic(pin holder, coil, breaker)	BL	BL	BL	BL	BL
251	Silvery metal with black coating(screw, breaker)	BL	BL	BL	BL	---
252	Golden metal(nut, screw, breaker)	BL	BL	BL	BL	---
253	Silvery metal(plate, arc chamber, breaker)	BL	BL	BL	BL	---
254	Dark green paper(sheet, arc chamber, breaker)	BL	BL	BL	BL	BL
255*	Red plastic with green plastic(indicator, breaker)	BL	BL	BL	BL	IN
256	Silvery metal(spring, indicator, breaker)	BL	BL	BL	BL	---
257*	Silvery metal(rod, indicator, breaker)	BL	BL	BL	IN	---
258	Coffee plastic(lever, breaker)	BL	BL	BL	BL	BL
259	Beige plastic(lever, breaker)	BL	BL	BL	BL	BL
260	White plastic(lever, breaker)	BL	BL	BL	BL	BL
261	Beige plastic(sheet, breaker)	BL	BL	BL	BL	BL
262*	Silvery metal(plate, sheet, breaker)	BL	BL	BL	IN	---
263	Golden metal with silvery plating(connector, earth wire, Inverter)	BL	BL	BL	BL	---
264	Blue plastic(sleeve, earth wire, Inverter)	BL	BL	BL	BL	BL
265	Silvery metal(nut, earth wire, Inverter)	BL	BL	BL	BL	---
266	Silvery metal(gasket, nut, earth wire)	BL	BL	BL	BL	---
267*	Green plastic(sleeve, earth wire)	BL	BL	BL	BL	IN

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
268	Silvery metal(wire fixer, sleeve, earth wire)	BL	BL	BL	BL	---
269	Yellow/green soft plastic(wire jacket, earth wire)	BL	BL	BL	BL	BL
270	Coppery metal with silvery plating(wire, earth wire)	BL	BL	BL	BL	---
271	Yellow plastic(sheet, bottom shell, Inverter)	BL	BL	BL	BL	BL
272	Lt silvery metal(plate, yellow sheet, bottom shell)	BL	BL	BL	BL	---
273	Black plastic(cushion, bottom shell)	BL	BL	BL	BL	BL
274	Silvery metal(division plate, Inverter)	BL	BL	BL	BL	---
275	Grey plastic(shell, big connector, division plate)	BL	BL	BL	BL	BL
276	Coppery metal with silvery plating(long pin, big connector, division plate)	BL	BL	BL	BL	---
277*[1]	Golden metal with silvery plating(nut, big connector, division plate)	OL	BL	BL	BL	---
278	Silvery/cyan metal(fixer, big connector, division plate)	BL	BL	BL	BL	---
279*	Silvery/cyan metal(screw, big connector, division plate)	BL	BL	BL	IN	---
280	Grey plastic(shell, small connector, division plate)	BL	BL	BL	BL	BL
281	Yellow plastic(shell, small connector, division plate)	BL	BL	BL	BL	BL
282	Coppery metal with silvery plating(long pin, small connector, division plate)	BL	BL	BL	BL	---
283*[1]	Golden metal with silvery plating(nut, small connector, division plate)	OL	BL	BL	BL	---
284	Silvery/cyan metal(screw, small connector, division plate)	BL	BL	BL	BL	---
285	Black soft plastic with white printing(sleeve, big cable, big connector)	BL	BL	BL	BL	BL
286	Brown/red soft plastic with black printing(sleeve, big cable, big connector)	BL	BL	BL	BL	BL
287*	Black soft plastic(sleeve, big cable, big connector)	BL	BL	BL	BL	IN
288	Red soft plastic(sleeve, big cable, big connector)	BL	BL	BL	BL	BL
289	Black soft plastic with white printing(cable jacket, big cable, big connector)	BL	BL	BL	BL	BL
290	Red soft plastic with black printing(cable jacket, big cable, big connector)	BL	BL	BL	BL	BL
291	Coppery metal(wire, big cable, big connector)	BL	BL	BL	BL	---

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
292	Silvery metal(wire fixer, big cable, big connector)	BL	BL	BL	BL	---
293	Coppery metal(terminal, big cable, big connector)	BL	BL	BL	BL	---
294	Silvery metal(lager screw, big cable, big connector)	BL	BL	BL	BL	---
295	Silvery metal(ring, lager screw, big cable)	BL	BL	BL	BL	---
296	Silvery metal(gasket, lager screw, big cable)	BL	BL	BL	BL	---
297	Black soft plastic(wire jacket, temperature sensor, radiator)	BL	BL	BL	BL	BL
298	Coppery metal with silvery plating(wire, temperature sensor, radiator)	BL	BL	BL	BL	---
299	Black soft plastic(sleeve, temperature sensor, radiator)	BL	BL	BL	BL	BL
300	Black body(temperature sensor, radiator)	BL	BL	BL	BL	BL
301	Coppery metal(terminal, wire, temperature sensor)	BL	BL	BL	BL	---
302	White plastic(terminal holder, wire, temperature sensor)	BL	BL	BL	BL	BL
303	Silvery metal(terminal, wire, temperature sensor)	BL	BL	BL	BL	---
304	Translucent plastic(gasket, radiator)	BL	BL	BL	BL	BL
305*	Silvery metal(fixer, triode, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	IN	---
306	Silvery metal(long screw, triode, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
307	Silvery metal(ring, long screw, triode, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
308	Silvery metal(gasket, long screw, triode, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
309	Black soft plastic with white printing(wire jacket, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
310	Red soft plastic with black printing(wire jacket, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
311	Coppery metal with silvery plating(wire, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
312	Transparent soft plastic(sleeve, wire, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
313*	Black plastic(nut fixer, radiator)	BL	BL	BL	BL	IN
314*[1]	Golden metal(nut, nut fixer, radiator)	OL	BL	BL	BL	---
315	Black plastic(radiator fixer, radiator)	BL	BL	BL	BL	BL

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
316*	Black soft plastic(wire jacket, temperature sensor, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	IN
317	Coppery metal with silvery plating(wire, temperature sensor, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
318	Black body(temperature sensor, PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
319	Green body(resistor"R1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
320	Silvery metal(pin, resistor"R1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
321	Tan body(resistor"RV1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
322	Blue body(capacitor"C69", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
323	White adhesive paper with black printing(label, fuse"F1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
324	Silvery metal(edge, fuse"F1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
325	White ceramic(shell, fuse"F1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
326	Silvery metal(wire, fuse"F1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
327*	Black plastic(shell, relay"K1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	IN
328	Coppery metal(foil, relay"K1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
329	silvery metal(contact, relay"K1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
330	Silvery metal(plate, relay"K1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
331	Silvery metal(bobbin, relay"K1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
332	Coppery metal(coil, relay"K1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
333	Blue body with multicolor printing(resistor"R3", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
334*	Yellow body with black printing(capacitor"C1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	IN
335	Silvery metal(edge, EC"FDG1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
336	White ceramic with black printing(shell, EC"FDG1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
337	Transparent adhesive plastic(tape, inductor"L3", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
338	White adhesive paper with black printing(label, inductor"L3", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
339	Coppery metal(coil, inductor"L3", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
340	Black magnet with green coating(core, inductor"L3", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
341	Yellow plastic(sheet, inductor"L3", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
342*	Blue plastic with black printing(shell, EC"U1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	IN
343*	Black plastic(frame, EC"U1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	IN
344	Black glue(sealing, EC"U1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
345	Transparent adhesive plastic(tape, EC"U1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
346*	White plastic(bobbin, EC"U1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	IN
347	Coppery metal(coil, EC"U1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
348	Silvery magnet(core, EC"U1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
349	Brown/red body(capacitor"C33", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
350	Blue body with multicolor printing(resistor"R2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
351	Silvery metal(pin, resistor"R2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
352	Blue plastic with white printing(sleeve, capacitor"C38", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
353	Black plastic with white printing(sleeve, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
354	Silvery metal(shell, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
355	Black rubber(base, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
356	Transparent soft plastic(film, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
357	Brown paper with liquid(film, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
358	Silvery metal(foil, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
359	Dull silvery metal(foil, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
360	Silvery metal(connector, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
361	Silvery metal(pin, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---

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Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
362	Black plastic(sheet, capacitor"C18", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
363	Silvery metal with black printing(shell, capacitor"C26", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
364	Black plastic(base, capacitor"C26", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
365	Yellow adhesive plastic(tape, transformer"T1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
366	Transparent adhesive plastic with black printing(label, transformer"T1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
367	Black magnet(core, transformer"T1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
368	Black plastic(bobbin, transformer"T1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
369	Coppery metal(coil, transformer"T1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
370*	Black body(rectifier"D1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	IN
371	Black body(triode"Q1", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
372	Green plastic(shell, fuse"F4", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
373	Silvery metal(connector, fuse"F4", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
374	Black magnet(core, inductor"L4", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
375	Coppery metal with dull red plating(coil, inductor"L4", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
376	Yellow plastic(sheet, inductor"L4", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
377	Yellow adhesive plastic(tape, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
378	Transparent adhesive plastic with black printing(label, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
379	White adhesive paper with blue printing(label, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
380	Silvery metal(plate, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
381	Black magnet(core, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
382	Black plastic(bobbin, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
383	Coppery metal(coil, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
384	Coppery metal(foil, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
385	Silvery solder(foil, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
386	Transparent soft plastic(sleeve, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
387	Coppery metal with silvery plating(connector, transformer"T2", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
388	Brown body(capacitor"C54", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
389	Black body with white printing(resistor"R8", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
390	Black body(diode"D6", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
391	Black body(IC"U5", PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	BL
392*	Green PCB(PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	IN
393	Silvery solder(PCB"UP-ACDC4830-MC-V1.0.0")	BL	BL	BL	BL	---
394*	Black plastic(pin holder, connector"P2", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	IN
395*[1]	Golden metal with silvery plating(pin, connector"P2", PCB"UP-ACDC4815-ARM-V1.0.2")	OL	BL	BL	BL	---
396	Brown body(capacitor"C8", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
397	Black body with white printing(resistor"R9", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
398	Black body(IC"U2", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
399	Black body(diode"D1", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
400	Black body(triode"D7", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
401	Black body(inductor"L1", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
402	Black plastic(base, crystal"Y1", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
403	Silvery body(crystal"Y1", PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
404	Green PCB(PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	BL
405	Silvery solder(PCB"UP-ACDC4815-ARM-V1.0.2")	BL	BL	BL	BL	---
406	Black body(triode"Q12", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
407	Brown/red body(capacitor"CF1", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
408	Black plastic(sleeve, capacitor"CF1", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL

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Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
409*	Grey body with black printing(capacitor"C72", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	IN
410*	Grey body(capacitor"C110", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	IN
411	Blue body(capacitor"C92", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
412	Black body(transformer"T3", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
413	Green plastic(wire jacket, transformer"T3", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
414	Coppery metal with silvery plating(wire, transformer"T3", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	---
415	Blue body(fuse"F10", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
416	White body(IC"U1", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
417	Black body(diode"D6", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
418	Brown body(capacitor"84", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
419	Black body with white printing(resistor"40", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
420	Silvery body(crystal"Y1", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
421	Black plastic(base, crystal"Y1", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
422	Black body(inductor"L4", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
423	Black body(triode"28", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
424	Black body(IC"U10", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
425	Transparent body(LED"D5", PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	BL
426*	Green PCB(PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	IN
427	Silvery solder(PCB"UP5000-G-PB-V1.0")	BL	BL	BL	BL	---
428	White adhesive paper(tape, transformer"T4", PCB"IP2000-PB-V1.01")	BL	BL	BL	BL	BL

- The test result of sample (59) is shown retest result, and the retest sample was provided by client on March 21, 2019.
- The test results of samples (193), (194) are shown retest result, and the retest samples were provided by client on May 22, 2019.

Remark:
(1)

--- = Not Conducted

* = Results were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(Ⅵ)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC62321-3-1:2013.

Element	Unit	Polymers	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ< X <130+3σ≤OL	BL≤70-3σ< X <130+3σ≤OL	LOD < X <150+3σ≤OL
Pb	mg/kg	BL≤700-3σ< X <1300+3σ≤OL	BL≤700-3σ< X <1300+3σ≤ OL	BL≤500-3σ< X <1500+3σ≤OL
Hg	mg/kg	BL≤700-3σ< X <1300+3σ≤OL	BL≤700-3σ< X <1300+3σ≤OL	BL≤500-3σ< X <1500+3σ≤OL
Cr	mg/kg	BL≤700-3σ< X	BL≤700-3σ< X	BL≤500-3σ< X
Br	mg/kg	BL≤300-3σ< X	---	BL≤250-3σ< X

BL = Below Limit

OL = Over Limit

IN = Inconclusive

LOD = Limit of Detection

*1 = As claimed by the material declaration submitted by the client, the materials of the sample No. 18、137、139、140、209、277、283、314、395 are copper alloy. And according to RoHS directive2011/65/EU and its amendments, Lead is exempted as an alloying element in Copper containing up to 4% (40000ppm) by weight.

*2 = As claimed by the material declaration submitted by the client, the materials of the sample No.16、97、178 is glass. And according to RoHS directive 2011/65/EU and its amendments, Lead is exempted in glass of cathode ray tubes, electronic components and fluorescent tubes.

(2) The XRF screening test for RoHS elements – The reading may be different to the actual content in the sample be of non-uniformity composition.

(3) The maximum permissible limit is quoted from RoHS directive 2011/65/EU:

RoHS Restricted Substances	**Maximum Concentration Value (mg/kg) (by weight in homogenous materials)**
Cadmium(Cd)	100
Lead(Pb)	1000
Mercury (Hg)	1000
Hexavalent Chromium (Cr(Ⅵ))	1000
Polybrominated biphenyls (PBBs)	1000
Polybrominate ddiphenylethers (PBDEs)	1000

(4) As requested by applicant, only components shown in this report were screened by XRF spectroscopy for 2011/65/EU and its amendment directives, other components were not screened included in this report.

(5) Photo appendix is included.

Disclaimers:

This XRF Screening report is for reference purposes only. The applicant shall make its/his/her own judgment as to whether the information provided in this XRF screening report is sufficient for its/his/her purposes.

The result shown in this XRF screening report will differ based on various factors, including but not limited to, the sample size, thickness, area, surface flatness, equipment parameters and matrix effect (e.g. plastic, rubber, metal, glass, ceramic etc.). Further wet chemical pre-treatment with relevant chemical equipment analysis are required to obtain quantitative data.

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Wet Chemical Testing：

Test method:

Lead Content:
With reference to IEC62321-5:2013, by acid digestion and analysis was performed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) or Atomic Absorption Spectrometry (AAS).

Hexavalent Chromium Content (For metal material):
With reference to IEC 62321-7-1:2015, by boiling-water-extraction and analysis was performed by UV-visible spectrophotometer (UV-Vis)

PBBs & PBDEs Content:
With reference to IEC 62321-6:2015, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

1) The test results of Pb

Item	Unit	MDL	Results			
			18	137	139	140
Lead (Pb) Content	mg/kg	10	13569	23029	8460	29006

Item	Unit	MDL	Results				
			209	277	283	314	395
Lead (Pb) Content	mg/kg	10	9435	4710	25120	6481	8162

2) The test results of Cr (Ⅵ)

Item	Unit	MDL	Results					Limit
			8	9	10	11	12	
Hexavalent Chromium (Cr(Ⅵ))	μg/cm^2	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	**
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results					Limit
			21	74	75	76	109	
Hexavalent Chromium (Cr(Ⅵ))	μg/cm^2	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	**
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results					Limit
			110	167	170	172	235	
Hexavalent Chromium (Cr(Ⅵ))	μg/cm^2	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	**
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results					Limit
			244	257	262	279	305	
Hexavalent Chromium (Cr(Ⅵ))	μg/cm^2	0.10	N.D.	N.D.	N.D.	N.D.	N.D.	**
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- ** =

a. The sample is positive for Cr^{VI} if the Cr^{VI} concentration is greater than 0.13μg/cm^2. The sample coating is considered to contain Cr^{VI}
b. The sample is negative for Cr^{VI} if Cr^{VI} is ND (concentration less than 0.10μg/cm^2). The coating is considered a non-Cr^{VI} based coating
c. The result between 0.10μg/cm^2 and 0.13μg/cm^2 is considered to be inconclusive -unavoidable coating variations may influence the determination

For corrosion protection coatings on metals: Information on storage conditions and production date of the tested sample is unavailable and thus results of Cr(VI) represent status of the sample at the time of testing.

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3) The test results of PBBs & PBDEs

Item	Unit	MDL	Results				Limit
			5	6	7	13	
Polybrominated Biphenyls							
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers							
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	/

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Item	Unit	MDL	Results					Limit
			38	40	41	58	77	
Polybrominated Biphenyls								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

TEST REPORT

Item	Unit	MDL	Results					Limit
			88	98	104	115	117	
Polybrominated Biphenyls								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results					Limit
			130	159	160	177	184	
Polybrominated Biphenyls								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

TEST REPORT

Item	Unit	MDL	Results					Limit
			186	203	204	216	218	
Polybrominated Biphenyls								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results					Limit
			221	230	238	245	255	
Polybrominated Biphenyls								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results					Limit
			267	287	313	316	327	
Polybrominated Biphenyls								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results					Limit
			334	342	343	346	370	
Polybrominated Biphenyls								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

TEST REPORT

Item	Unit	MDL	Results					Limit
			392	394	409	410	426	
Polybrominated Biphenyls								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Polybrominated Diphenylethers								
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- The results less than MDL are not taken into account while calculating the sum contents.
- mg/kg = ppm
- Photo is included.

Phthalates(DBP、BBP、DEHP、DIBP)content

Test method: With reference to IEC 62321-8:2017, by gas chromatographic-mass spectrometer (GC-MS)

Item	Unit	MDL	Results				Limit
			3+5+6	7+15+28	13+42+49	16+36+37	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			29+31+32	30+142+150	33+60+93	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			34+35+143	38+58+72	40+41+43	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			44+46+48	50+56+57	51+77+90	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			62+63+64	65+66+67	68+69+70	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			71+78+79	81+82+83	88+89+97	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			94+96+136	98+99+100	101+102+103	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			104+115+184	106+108+118	107+113+114	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			117+121+122	119+212+342	123+124+125	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			126+127+128	129+169+171	130+271+341	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			133+134+135	138+149+158	144+145+146	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			147+148+154	156+157+166	159+187+218	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			160+177+186	161+162+201	164+197+245	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			178+179+180	181+182+183	193	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	0.005	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			194	196	199+200+309	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	0.005	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	0.015	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			203+204+285	206+208+214	216+217+234	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			221+273+289	223+224+225	226+227+228	
Dibutyl Phthalate (DBP)	%	0.003	0.011	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			229+300+318	230+376+392	236+237+238	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			250+377+386	254+404+426	255+258+267	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			259+260+261	264+269+275	280+281+413	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			286+288+290	287+382+394	297+299	
Dibutyl Phthalate (DBP)	%	0.003	0.012	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			302+346+372	304+310+312	313+315+343	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			316+344	323+325+327	333+334+336	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			337+338+340	345+348+349	350+352+353	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			355+356+357	362+364+365	366+367+368	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			370+371+374	378+379+381	388+389+390	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			391+396+397	398+399+400	401+402+403	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

Item	Unit	MDL	Results			Limit
			406+407+408	409+410+411	412+415+416	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	**Pass**	/

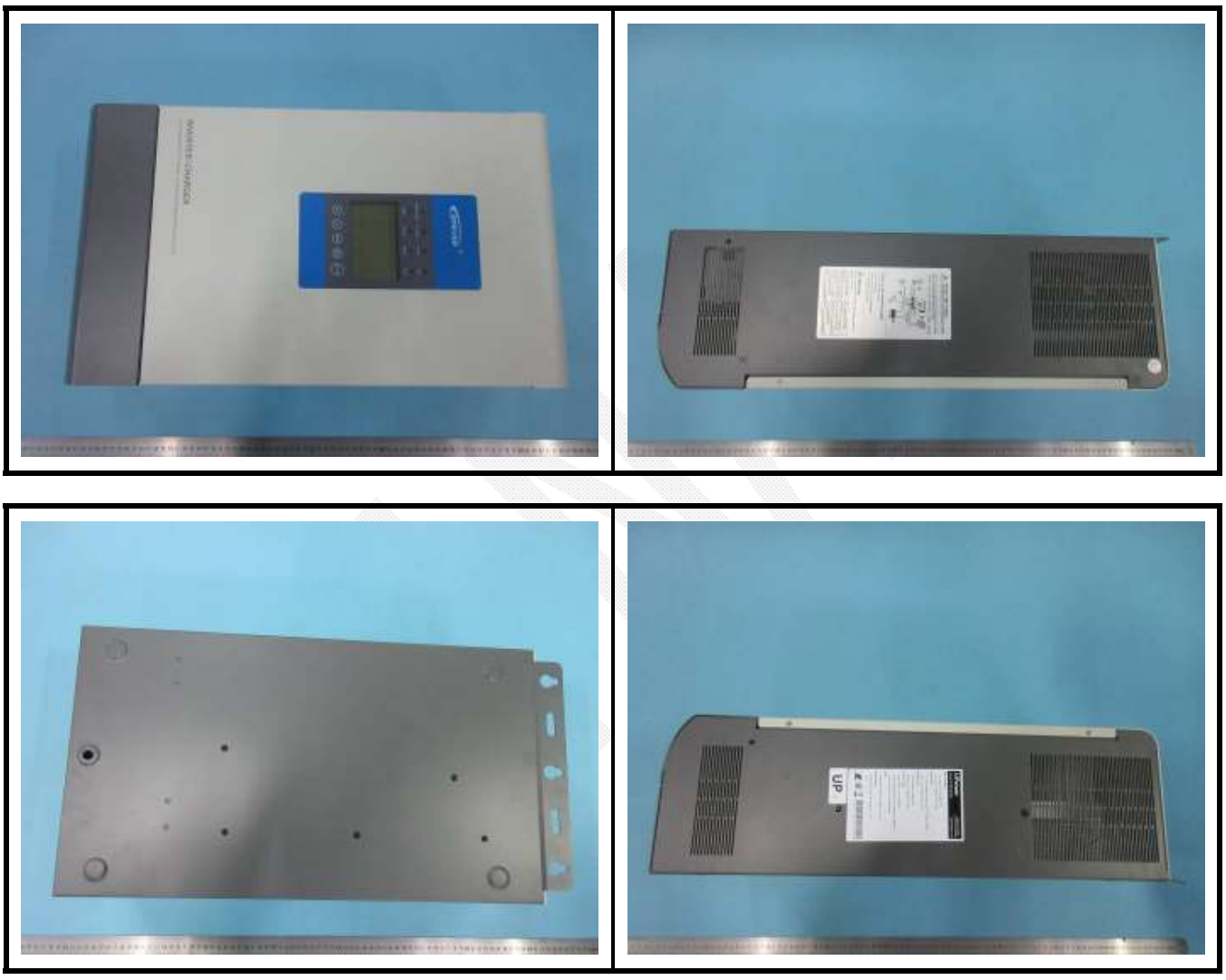
Item	Unit	MDL	Results		Limit
			417+418+419	420+421+422	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	/

Item	Unit	MDL	Results		Limit
			423+424	425+428	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	0.1
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	0.1
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	0.1
Diisobutyl Phthalate(DIBP)	%	0.003	N.D.	N.D.	0.1
Conclusion	/	/	**Pass**	**Pass**	/

Note:

- The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- The test result of sample (59) is shown retest result, and the retest sample was provided by client on March 21, 2019.
- The test results of samples (193), (194) are shown retest result, and the retest samples were provided by client on May 22, 2019.
- "+"= Mixed, The admixture of specimen is tested as a whole(part) which according to the applicant's request, the result of report as average value because of the whole specimen is regarded as constituting from the homogeneous material. If the testing of specimen may have the obvious difference, and the result may exceed the number in this report. The applicant will undertake all differences and risk.
- Photo is included.

Photograph of Sample



BACL authenticate the photo on original report only

*** End of Report ***