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Applicant: Global Tax Refund Holdings Company Limited

Contact information: 6/F MANULIFE PLACE 348 KWUN TONG ROAD KL

The following sample(s) was (were) submitted and identified by client as:

Sample Name : Balcony Power Station

Model No. : B215

Trade mark :

SunLit

Received Date : Jul. 11, 2023

Testing Period : From Jul. 11, 2023 to Jul. 14, 2023

Test Request : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Shen Zhen UONE Test Co., LTD.

Prepared by

Checked by

Approved by

Max Wu

Thea Ye

Hedy Xu



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Summary of Test Results :		10, 10,	100
TEST REQUEST			CONCLUSION
RoHS Directive 2011/65/EU and its sul To determine Lead (Pb), Cadmiu			
(1) Polybrominated Biphenyls (PBBs content by screening test and che	s) and Polybrominated DiphenylE		PASS
(2) To determine Phthalates (DBP, B	BP, DEHP, DIBP) content by che	mical test	PASS
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Test Material List

Material No.	Description (Location)	Photo(s) of tested materials
101, 101,		
JOHE JOHE	Silvery metal(cover)	
JOHE JOHE	JOHE JOHE JOHE JOHE JOHE	
10112 10111	Silvery metal with white coating(shell)	2 3 4
101111	Silvery metal(plate)	
4	Black plastic	
JOHE JOHE	Transparent plastic(lens)	5
JOHE JOHE		
6	Silvery metal(sheet)	6 7
IONITY IONITY	Silvery metal(rivet)	



Material No.	Description (Location)	Photo(s) of tested materials
8	Gray silicone	0 0 10 11 12 14
9	Silvery metal with black coating(long screw)	8 9 10 11-13 14
10	Silvery metal with black coating(screw)	
0 11 0	Silvery metal(screw)	
12	Silvery metal(gasket)	
13	Silvery metal(ring)	
14	Silvery metal(nut)	
15	Transparent plastic(sheet, screen)	15 16 17 10 10 20 21
16	White plastic(film)	15 16 17 18 19 20-21
17	Silvery adhesive plastic(tape)	
18	Beige white plastic(film)	
19	Black adhesive plastic(tape)	
20	Transparent glass(lens)	
21	Transparent black plastic(film)	
OHE OHE	OHE OHE OHE OHE OHE	22 23
22	Yellow body(LED, PCB)	
ME ME		
10. 10.	10, 10, 10, 10, 10, 1	
23	White PCB	
101, 101,		
24	Blue PCB	de de de d
25	Silvery metal(solder, PCB)	24-25 26 27 28-29
26	Black body(IC, PCB)	0
27	Black body(resistor, PCB)	
28	White plastic(socket)	poquentuminanan o
29	Silvery metal(pin, socket)	
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Material No.	Description (Location)	Photo(s) of tested materials
30	White plastic(terminal holder)	all all all all
31	Silvery metal(terminal)	2, 10, 10, 10,
32	Black soft plastic(sleeve)	30-31 32 33 34 35 36 37 38 39
33	Red soft plastic(wire jacket)	
34	Black plastic(pin holder)	
35	Golden metal(pin)	
36	Silvery metal(connector)	
37	Silvery metal	
38	Black plastic	at all all a
39	Silvery metal(nut)	2, 10, 10, 10,
40	Silvery metal(nut)	de de de de
41	Black soft plastic(gasket)	40 41 42 43 44 45
42	White plastic	
43	Transparent plastic	0000
44	Silvery metal(button)	
45	Silvery metal(shell)	de de de d
46	Silvery metal(spring)	10 10 10 10 10 10
47	White plastic	46 47 48 49 50 51 52 53
48	Transparent green body(LED)	
49	Red plastic	
50	Blue plastic(pin holder)	
51	Golden metal(pin)	
52	White soft plastic(wire jacket)	
53	Black soft plastic(sleeve)	Dr. 10, 10, 10,

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Material No.	Description (Location)	Photo(s) of tested materials
54	Black soft plastic(gasket)	54 55 56 57 58 59
55	Black soft plastic(gasket)	
56	Blue plastic(cap)	
57	Black soft plastic	00
58	Golden metal(pin)	
59	Black plastic	
60	Golden metal(connector)	de de de de
61	Yellow plastic(shell)	60 61 62-63 64 65-66 67 68
62	White plastic(terminal holder)	
63	Silvery metal(terminal)	
64	Black soft plastic(wire jacket)	2, 11 1 1 1
65	Red soft plastic(wire jacket)	
66	Silvery metal(wire)	
67	Black soft plastic(sleeve)	
68	White soft plastic(wire jacket)	St. St. St. St.
69	Silvery metal(connector)	69 70 71
70	White soft plastic(sleeve)	
71	Yellow-green soft plastic(wire jacket)	
72	Black plastic(nut)	72 73 74-75 76
73	Black soft plastic(gasket)	
74	Black plastic(pin holder)	
75	Golden metal(pin)	00 -
76	White soft plastic(wire jacket)	

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Material No.	Description (Location)	Photo(s) of tested materials
77	White plastic(terminal holder)	77-78 79 80
78	Silvery metal(terminal)	
79	Black soft plastic(sleeve)	
80	White soft plastic(wire jacket)	
81	Black body(resistor, PCB)	81 82 83 84 85
82	Brown body(capacitor, PCB)	
83	Blue PCB	
84	Silvery metal(cover)	
85	Black body(triode, PCB)	
86	Green PCB	86-87 88-89 90-91
87	Silvery metal(solder, PCB)	
88	White plastic(socket)	
89	Silvery metal(pin, socket)	
90	White plastic(socket)	
91	Silvery metal(pin, socket)	
92	White plastic(gasket, fan)	
93	Silvery metal(bearing)	92 93 94 95-98 99-101 102 103
94	Silvery metal(spring)	
95	Black plastic(blade)	
96	Silvery metal(shaft)	
97	Gray black magnet(core)	
98	Silvery metal(core holder)	000

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Material No.	Description (Location)	Photo(s) of tested materials
99	Coppery metal(coil)	92 93 94 95-98 99-101 102 103
100	Black plastic(insulator)	
101	Silvery metal(plate)	
102	Silvery adhesive plastic with black printing(label)	
103	Black plastic(frame)	
104	Green PCB	104 105 106 107
105	Silvery metal(solder, PCB)	
106	Black body(diode, PCB)	
107	Black body(IC, PCB)	****
108	Blue soft plastic(wire jacket)	100 100 110 111 112 113 1
109	Yellow soft plastic(wire jacket)	108 109 110 111-112 113-11
110	Red soft plastic(wire jacket)	
111	Black soft plastic(wire jacket)	
112	Silvery metal(wire)	
113	White plastic(terminal holder)	
114	Silvery metal(terminal)	10. 190, 1910, 191
115	Silvery metal(connector)	0. 0. 0.
116	Black body(IC, PCB)	115 116 117-118 119 120-121
117	White adhesive paper with black printing(label)	
118	Gray body(EC, PCB)	2000
119	Gray body(inductor, PCB)	
120	White plastic(socket)	
121	Silvery metal(pin, socket)	0. 0. 0.

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Material No.	Description (Location)	Photo(s) of tested materials
122	Yellow plastic(shell)	THE THE THE THE
123	Golden metal(pin)	2, 10, 10, 10,
124	Silvery metal(shell, capacitor)	OHE OHE OHE OH
125	Black soft rubber(base, capacitor)	0 00 00
126	Brown paper with liquid(film, capacitor)	122 123 124-130 131 132-13
127	Silvery metal(foil, capacitor)	
128	Dull silvery metal(foil, capacitor)	
129	Silvery metal(pin, capacitor)	
130	Black plastic(base, capacitor)	11, 12, 12, 12,
131	Black body(IC, PCB)	CHE CHE CHE
132	Green PCB	2, 12, 12, 12,
133	Silvery metal(solder, PCB)	ONE JOHE JOHE JOH
134	Black soft plastic(sleeve)	134-135 136 137
135	Silvery metal(connector)	
136	Black body(IC, PCB)	
137	Black body(diode, PCB)	111111111111111111111111111111111111111
138	Beige plastic(pipe)	138 139 140
139	Silvery metal(frame)	
140	Gray glue	

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Material No.	Description (Location)	Photo(s) of tested materia
141	Golden metal(pin, plug)	141 142 143 144
142	Yellow plastic(shell, plug)	
143	Black soft plastic(wire jacket)	
144	Red soft plastic(wire jacket)	
145	Black body(temperature sensor)	145 146 147 148 149
146	Red soft plastic(wire jacket)	
147	Black soft plastic(wire jacket)	
148	White soft plastic(sleeve)	
149	White soft plastic(wire jacket)	
150	Silvery metal(radiator)	
151	Black body(triode, PCB)	
152	Pink silicone	
153	Black plastic with white printing(sleeve, capacitor)	
154	Silvery metal(shell, capacitor)	150 151 152 153-159 160-10
155	Black soft rubber(base, capacitor)	
156	Brown paper with liquid(film, capacitor)	
157	Silvery metal(foil, capacitor)	
158	Dull silvery metal(foil, capacitor)	
159	Silvery metal(pin, capacitor)	
160	Yellow adhesive plastic(tape, inductor)	
161	Black plastic(bobbin, inductor)	
162	Black magnet(core, inductor)	
163	Coppery metal(coil, inductor)	

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Material No.	Description (Location)	Photo(s) of tested materials		
164	Black body(IC, PCB)	164 165-166 167-168		
165	Red metal(coil, inductor)			
166	Black magnet(core, inductor)			
167	White plastic(socket)			
168	Silvery metal(pin, socket)			
169	Black body(IC, PCB)	6 6 6 6		
170	Brown body(capacitor, PCB)	169 170 171 172 173 174 175-176		
171	Black body(IC, PCB)			
172	White adhesive paper with black printing(label)			
173	Black body(diode, PCB)	6		
174	Black body(resistor, PCB)			
175	Green PCB	No. of Concession, Name of Street, or other Designation, Name of Street, or other Designation, Name of Street, Original Property and Name of Stree		
176	Silvery metal(solder, PCB)	de de de s		
177	Yellow body(LED, PCB)	177 178-179		
178	Black PCB			
179	Silvery metal(solder, PCB)	Elate assay as 48 48 as as		



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Test Result(s):

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

<u>Test Method:</u> 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.

EDX	EDXRF Result (1)		Chemical Result (2)	0 10 10	10 M. 10 M.			
No.	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark ⁽³⁾	Conclusion
1/1/	BL	BL	BL	BL	NA	OHE - OHE	OHE OHE	PASS
2	BL	BL	BL	BL	NA	200	2 7	PASS
3	BL	BL	BL	BL	NA	all - all	ale -ale	PASS
4	BL	BL	BL	BL	BL	10, 10,	20, 20,	PASS
5	BL	BL	BL	BL	BL	40 - 30	de - de	PASS
6	BL	BL	BL	BL	NA	11012 -1012 "	3012 - 2012	PASS
7	BL	BL	BL	BL	NA	6 6	4 - 4	PASS
8	BL	BL	BL	BL	BL	10HF -10HF	OHP TOHP	PASS
9	BL	BL	BL	BL	NA	0 _0	3 _	PASS
10	BL	BL	BL	BL	NA	ME - ME	WE -WE	PASS
11	BL	BL	BL	BL	NA	120 -720 .	20 70	PASS
12	BL	BL	BL	BL	NA	JE - JE	# - #	PASS
13	BL	BL	BL	BL	NA	10, 10,	10, 70,	PASS
14	BL	BL	BL	BL	NA	& - &	4 - 3	PASS
15	BL	BL	BL	BL	BL	110 th -10 th .	10 pr - 10 pr	PASS
16	BL	BL	BL	BL	BL			PASS
17	BL	BL	BL	BL	BL	10HF -10HF	10 HE TOHE	PASS
18	BL	BL	BL	BL	BL	2. 7.	2 7	PASS
19	BL	BL	BL	BL	BL	ME - ME	Mr -Mr	PASS
20	BL	BL	BL	BL	BL	110 -110	20 20	PASS
21	BL	BL	BL	BL	BL	<u> </u>	JE - JE	PASS
22	BL	BL	BL	BL	BL	10, 10,	30, 90,	PASS
23	BL	BL	BL	BL	BL	4 - 4	4 - 4	PASS

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110 110	EDX	(RF Resu	ılt ⁽¹⁾	100	Chemical Result (2)	5 - (0)	10. 110.	
No.	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark ⁽³⁾	Conclusion
24	BL	BL	BL	BL	BL	10, -10,	20, 20,	PASS
25	BL	BL	BL	BL	NA	4 4.	4 4.	PASS
26	BL	BL	BL	BL	BL	1041 -1041	Olar HOLA	PASS
27	BL	BL	BL	BL	BL			PASS
28	BL	BL	BL	BL	BL	10 Hr - 0 Hr	0HF -0HF	PASS
29	BL	BL	BL	BL	NA	0. 0. 1	2. 0.	PASS
30	BL	BL	BL	BL	BL	ME - ME	ME - ME	PASS
31	BL	BL	BL	BL	NA	110, 110,	20. 70.	PASS
32	BL	BL	BL	BL	BL	<u> </u>	& - &	PASS
33	BL	BL	BL	BL	BL	10, 10,	20, 20,	PASS
34	BL	BL	BL	BL	BL	c.	.u. = .u	PASS
35	BL	BL	BL	BL	NA	10HP -10HP	OFF TOPE	PASS
36	BL	BL	BL	BL	NA			PASS
37	BL	BL	BL	BL	NA	· OHE - OHE	OHE -OHE	PASS
38	BL	BL	BL	BL	BL	72 Tage 1	20 700	PASS
39	BL	BL	BL	BL	NA	# - #	- N	PASS
40	OL	X	BL	BL	NA	Pb: 24200 [#] Cd: 52	Copper alloy	PASS
41	BL	BL	BL	BL	BL	JE - JE	JE - JE	PASS
42	BL	BL	BL	BL	BL	10, -10,	70, 70,	PASS
43	BL	BL	BL	BL	BL	& - &	& - &	PASS
44	BL	BL	BL	BL	NA	110 th -10 th	1012 1-012	PASS
45	BL	BL	BL	BL	NA		7 7.	PASS
46	BL	BL	BL	BL	NA	10HE - OHE	10HE THO.	PASS
47	BL	BL	BL	BL	BL	0 0	2	PASS
48	BL	BL	BL	BL	BL	ME - ME	ME -ME	PASS
49	BL	BL	BL	BL	BL	10 -10 1	20 70	PASS

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110	110	EDX	(RF Resu	ılt ⁽¹⁾	110	Chemical Result (2)	(2)	10. 10.
No.	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark ⁽³⁾	Conclusion
50	BL	BL	BL	BL	BL	10, -10,	70, 70,	PASS
51	BL	BL	BL	BL	NA	4 4.	4 4.	PASS
52	BL	BL	BL	BL	BL	104 -104	1014 1-014	PASS
53	BL	BL	BL	BL	BL			PASS
54	BL	BL	BL	BL	BL	OHE - OHE	OHE OHE	PASS
55	BL	BL	BL	BL	BL	0 0	2 7	PASS
56	BL	BL	BL	BL	BL	all - all	- NE	PASS
57	BL	BL	BL	BL	BL	10, 10,	20, 20,	PASS
58	OL	BL	BL	BL	NA	Pb: 26800#	Copper alloy	PASS
59	BL	BL	BL	BL	X	PBBs: N.D. PBDEs: N.D.	101 701	PASS
60	OL	BL	BL	BL	NA	Pb: 25180#	Copper alloy	PASS
61	BL	BL	BL	BL	X	PBBs: N.D. PBDEs: N.D.	101 701.	PASS
62	BL	BL	BL	BL	BL	4 4.	4 4.	PASS
63	BL	BL	BL	BL	NA	10 ps -10 ps 1	10 ps 1-0 ps	PASS
64	BL	BL	BL	BL	BL	7 7.		PASS
65	BL	BL	BL	BL	BL	10HF -10HF	10 THO TO THE	PASS
66	BL	BL	BL	BL	NA	0 0	0 0	PASS
67	BL	BL	BL	BL	BL	ME - ME	ME -ME	PASS
68	BL	BL	BL	BL	BL	110 -110	20 70	PASS
69	BL	BL	BL	BL	NA	<u> </u>	JE - JE	PASS
70	BL	BL	BL	BL	BL	10, 10,	20, 20,	PASS
71	BL	BL	BL	BL	BL	4	J J.	PASS
72	BL	BL	BL	BL	BL	104 -104	10/4 TOLE	PASS
73	BL	BL	BL	BL	BL			PASS
74	BL	BL	BL	BL	Х	PBBs: N.D. PBDEs: N.D.	1401. TONE	PASS
75	OL	BL	BL	BL	NA	Pb: 20180#	Copper alloy	PASS



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110	100	EDX	(RF Resu	ılt ⁽¹⁾	110	Chemical Result (2)	D : (2)	20 110
No.	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark ⁽³⁾	Conclusion
76	BL	BL	BL	BL	BL	10, -10, 1	0, 40,	PASS
77	BL	BL	BL	BL	BL	J J.	J J.	PASS
78	BL	BL	BL	BL	NA	10/10/10/10/10	0 19 TO 19 T	PASS
79	BL	BL	BL	BL	BL			PASS
80	BL	BL	BL	BL	BL	· OHF - OHF	0HF -0HF	PASS
81	BL	BL	BL	BL	BL	0 0	2	PASS
82	BL	BL	BL	BL	BL	alle - alle	NF - NF	PASS
83	BL	BL	BL	BL	BL	10, 70, 1	0. 70.	PASS
84	BL	BL	BL	BL	NA	& - &	JE - JE	PASS
85	BL	BL	BL	BL	BL	10, -10, 1	01- 901-	PASS
86	BL	BL	BL	BL	Х	PBBs: N.D. PBDEs: N.D.	40 - 40	PASS
87	BL	BL	BL	BL	NA	1012 -1012	OL TOLE	PASS
88	BL	BL	BL	BL	BL	7 7.	/ /.	PASS
89	BL	BL	BL	BL	NA	10HF -10HF	0HF -10HF	PASS
90	BL	BL	BL	BL	BL	2 2		PASS
91	BL	BL	BL	BL	NA	WE - WE	Mr - Mr	PASS
92	BL	BL	BL	BL	BL	12 -12 1	20 70	PASS
93	BL	BL	BL	BL	NA	JE - JE	JE - JE	PASS
94	BL	BL	BL	BL	NA	10, 10, 1	0, 20,	PASS
95	BL	BL	BL	BL	Х	PBBs: N.D. PBDEs: N.D.	JE - JE	PASS
96	BL	BL	BL	BL	NA	10, -10, 1	0, 90,	PASS
97	BL	BL	BL	BL	NA	.00.	.uu	PASS
98	BL	BL	BL	BL	NA	10 Hr -10 Hr 1	0HV 10HV	PASS
99	BL	BL	BL	BL	NA	2 2	, -	PASS
100	BL	BL	BL	BL	BL	OHE - OHE	OHE OHE	PASS
101	BL	BL	BL	BL	NA	2 - 2 0	200	PASS



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110		EDXRF Result (1)		Chemical Result (2)	D (3)	Complication		
No.	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark ⁽³⁾	Conclusion
102	BL	BL	BL	BL	BL	10, -10,	20, 20,	PASS
103	BL	BL	BL	BL	Х	PBBs: N.D. PBDEs: N.D.	J J.	PASS
104	BL	BL	BL	BL	X	PBBs: N.D. PBDEs: N.D.	201, 201,	PASS
105	BL	BL	BL	BL	NA	<u> </u>	16 - 16	PASS
106	BL	BL	BL	BL	BL	1012 -1012 '	2012 2012	PASS
107	BL	BL	BL	BL	BL	4 - 4	6 - 6	PASS
108	BL	BL	BL	BL	BL	10HL -10HL	,0HP . TON'	PASS
109	BL	BL	BL	BL	BL	\(\frac{1}{2}\)		PASS
110	BL	BL	BL	BL	BL	ME - ME	ME - ME	PASS
111	BL	BL	BL	BL	BL	12 72	20 70	PASS
112	BL	BL	BL	BL	NA	<u> </u>	JE - JE	PASS
113	BL	BL	BL	BL	BL	10, -10,	20, 20,	PASS
114	BL	BL	BL	BL	NA	de - de	40 - 40	PASS
115	BL	BL	BL	BL	NA	10 10 10 In 1	1010 1010 1	PASS
116	BL	BL	BL	BL	BL	- t		PASS
117	BL	BL	BL	BL	BL	10HF -10HF	0HF -0HF	PASS
118	BL	BL	BL	BL	BL	0 0	2	PASS
119	BL	BL	BL	BL	BL	Mr - Mr	ME - ME	PASS
120	BL	BL	BL	BL	BL	110 -110	20 70	PASS
121	BL	BL	BL	BL	NA	& - &	JE - JE	PASS
122	BL	BL	BL	BL	Х	PBBs: N.D. PBDEs: N.D.	10, 70,	PASS
123	OL	BL	BL	BL	NA	Pb: 15060#	Copper alloy	PASS
124	BL	BL	BL	BL	NA	101 -101 '	10, 40,	PASS
125	BL	BL	BL	BL	BL	4 4.	4 - 4	PASS
126	BL	BL	BL	BL	BL	10Hr -10Hr	10 HI 10 HI	PASS
127	BL	BL	BL	BL	NA	_		PASS



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110	110	EDX	(RF Resu	ılt ⁽¹⁾	10	Chemical Result (2)	D (2)	10. 10.
No.	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark ⁽³⁾	Conclusion
128	BL	BL	BL	BL	NA	10, -10, 1	20, 20,	PASS
129	BL	BL	BL	BL	NA	4 4.	4 4.	PASS
130	BL	BL	BL	BL	BL	10 Hr -10 Hr.	OP 170P	PASS
131	BL	BL	BL	BL	BL			PASS
132	BL	BL	BL	BL	Х	PBBs: N.D. PBDEs: N.D.	0HF .10HF	PASS
133	BL	BL	BL	BL	NA			PASS
134	BL	BL	BL	BL	BL	Wife - Wife	ONE -ONE	PASS
135	BL	BL	BL	BL	NA	02 02 1	200	PASS
136	BL	BL	BL	BL	BL	<u> </u>	- H	PASS
137	BL	BL	BL	BL	BL	10, -10, 1	20, 20,	PASS
138	BL	BL	BL	BL	BL	de - de	40 - 40	PASS
139	BL	BL	BL	BL	NA	11012 -1012	OF 201	PASS
140	BL	BL	BL	BL	BL	7 7.		PASS
141	OL	BL	BL	BL	NA	Pb: 15230#	Copper alloy	PASS
142	BL	BL	BL	BL	Х	PBBs: N.D. PBDEs: N.D.		PASS
143	BL	BL	BL	BL	BL	10HF -10HF	0HF -0HF	PASS
144	BL	BL	BL	BL	BL	0 0	2	PASS
145	BL	BL	BL	BL	BL	ME - ME	Mr - Mr	PASS
146	BL	BL	BL	BL	BL	110 -110	20 70	PASS
147	BL	BL	BL	BL	BL	de - de	JE - JE	PASS
148	BL	BL	BL	BL	BL	10, -10,	10, 40,	PASS
149	BL	BL	BL	BL	BL	J J.	J J.	PASS
150	BL	BL	BL	BL	NA	1014 -1014 V	10 HI TONI	PASS
151	BL	BL	BL	BL	BL			PASS
152	BL	BL	BL	BL	BL	10HF - 0HF	OHE OHE	PASS
153	BL	BL	BL	BL	BL	0 0 1	0	PASS



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110		EDX	(RF Resu	ult ⁽¹⁾		Chemical Result (2)	D . (2)	100 110
No.	Pb	Cd	Hg	Cr	Br	(mg/kg)	Remark ⁽³⁾	Conclusion
154	BL	BL	BL	BL	NA	10, -10, 13	0, 40,	PASS
155	BL	BL	BL	BL	BL	4 4.	4 4.	PASS
156	BL	BL	BL	BL	BL	10 HI - 10 HI 1	Olar TOLAR	PASS
157	BL	BL	BL	BL	NA			PASS
158	BL	BL	BL	BL	NA	OHE -OHE	0HF -0HF	PASS
159	BL	BL	BL	BL	NA	0. 0. 0	2	PASS
160	BL	BL	BL	BL	BL	ME - ME	NE -NE	PASS
161	BL	BL	BL	BL	BL	10, 70, 3	0. 70.	PASS
162	BL	BL	BL	BL	NA	de - de	<u> </u>	PASS
163	BL	BL	BL	BL	NA	10, 10, 1	0, 90,	PASS
164	BL	BL	BL	BL	BL	4 - 4	4 4	PASS
165	BL	BL	BL	BL	NA	10HD -10HD	0HP 40HP	PASS
166	BL	BL	BL	BL	NA			PASS
167	BL	BL	BL	BL	BL	WE - OHE	OHE -OHE	PASS
168	BL	BL	BL	BL	NA	20 To 13	720	PASS
169	BL	BL	BL	BL	BL	all - all	11 - 11 - 11 - 11 - 11 - 11 - 11 - 11	PASS
170	BL	BL	BL	BL	BL	10, 70, 1	0. 70.	PASS
171	BL	BL	BL	BL	BL	36 - 36	de - de	PASS
172	BL	BL	BL	BL	BL	110141014. 18	OL . 20LP.	PASS
173	BL	BL	BL	BL	BL	4 - 6	6 - 6	PASS
174	BL	BL	BL	BL	BL	10HF -10HF	OHP TOHP	PASS
175	BL	BL	BL	BL	Х	PBBs: N.D. PBDEs: N.D.		PASS
176	BL	BL	BL	BL	NA	10HF -10HF	0HF -0HF	PASS
177	BL	BL	BL	BL	BL	0 0	2	PASS
178	BL	BL	BL	BL	BL	ME - ME	Mr - Mr	PASS
179	BL	BL	BL	BL	NA	10 -10 1	20 720	PASS



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Remark:

- (1) ①Results 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).
 - ②OL = Over Limit, BL = Below Limit, X = Inconclusive, NA = Not Applicable.
 - ③The 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 ≤(70-3σ)< X <(130+3σ)≤ OL	BL ≤(70-3σ)< X <(130+3σ)≤ OL	LOD < X <(150+3σ)≤ OL
DI-	BL ≤(700-3σ)< X <(1300+3σ)≤	BL ≤(700-3σ)< X <(1300+3σ)≤	BL ≤(500-3σ)< X
Pb	OL (& & OL & &	<(1500+3σ)≤ OL
101	BL ≤(700-3σ)< X <(1300+3σ)≤	BL ≤(700-3σ)< X <(1300+3σ)≤	BL ≤(500-3σ)< X
Hg	OL	OL	<(1500+3σ)≤ OL
Br	BL ≤ (300-3σ)< X	NA	BL ≤ (250-3σ)< X
Cr	BL ≤ (700-3σ)< X	BL ≤ (700-3σ)< X	BL ≤ (500-3σ)< 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 MDL).
 - ②Unit and MDL (Method detection 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
MDL	2	2	2	8	5	5

③According 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.

- 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. According to the declaration from the client, Lead in specimen(s) is exempted by EU RoHS Directive 2011/65/EU and its amendment Directive EU 2015/863 base on:
 - Copper alloy containing up to 4 % lead by weight.

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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	0 0
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	all all
Limit (mg/kg)	1000	1000	1000	1000	Conclusion
MDL (mg/kg)	20	20	20	20	A 3
Material No.	POLE POLE	Result	(mg/kg)	Ola NOLA	nous nous
4	N.D.	N.D.	N.D.	N.D.	PASS
0 N 5	N.D.	N.D.	N.D.	N.D.	PASS
8	N.D.	N.D.	N.D.	N.D.	PASS
15	N.D.	N.D.	N.D.	N.D.	PASS
16	N.D.	N.D.	N.D.	N.D.	PASS
17	N.D.	N.D.	N.D.	N.D.	PASS
18	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
22	N.D.	N.D.	N.D.	N.D.	PASS
23	N.D.	N.D.	N.D.	N.D.	PASS
24	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
30	N.D.	N.D.	N.D.	N.D.	PASS
32	N.D.	N.D.	N.D.	N.D.	PASS
33	N.D.	N.D.	N.D.	N.D.	PASS
34	N.D.	N.D.	N.D.	N.D.	PASS
38	N.D.	N.D.	N.D.	N.D.	PASS

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Substances	DBP	BBP	DEHP	DIBP	20 20
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	all a
Limit (mg/kg)	1000	1000	1000	1000	Conclusion
MDL (mg/kg)	20	20	20	20	de s
Material No.	10h, 10h,	Result	(mg/kg)	1011, 1011	1014, 10
41	N.D.	N.D.	N.D.	N.D.	PASS
42	N.D.	N.D.	N.D.	N.D.	PASS
43	N.D.	N.D.	N.D.	N.D.	PASS
47	N.D.	N.D.	N.D.	N.D.	PASS
48	N.D.	N.D.	N.D.	N.D.	PASS
49	N.D.	N.D.	N.D.	N.D.	PASS
50	N.D.	N.D.	N.D.	N.D.	PASS
52	N.D.	N.D.	N.D.	N.D.	PASS
53	N.D.	N.D.	N.D.	N.D.	PASS
54	N.D.	N.D.	N.D.	N.D.	PASS
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
59	N.D.	N.D.	N.D.	N.D.	PASS
61	N.D.	N.D.	N.D.	N.D.	PASS
62	N.D.	N.D.	N.D.	N.D.	PASS
64	N.D.	N.D.	N.D.	N.D.	PASS
65	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
70	N.D.	N.D.	N.D.	N.D.	PASS
% 71 %	N.D.	N.D.	N.D.	N.D.	PASS
72	N.D.	N.D.	N.D.	N.D.	PASS
73	N.D.	N.D.	N.D.	N.D.	PASS

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Substances	DBP	ВВР	DEHP	DIBP	20 20
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	all a
Limit (mg/kg)	1000	1000	1000	1000	Conclusion
MDL (mg/kg)	20	20	20	20	de l
Material No.	10h, 10h,	Result	(mg/kg)	1011 1011	1014, 10
74	N.D.	N.D.	N.D.	N.D.	PASS
76	N.D.	N.D.	N.D.	N.D.	PASS
77	N.D.	N.D.	N.D.	N.D.	PASS
79	N.D.	N.D.	N.D.	N.D.	PASS
80	N.D.	N.D.	N.D.	N.D.	PASS
81	N.D.	N.D.	N.D.	N.D.	PASS
82	N.D.	N.D.	N.D.	N.D.	PASS
83	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
88	N.D.	N.D.	N.D.	N.D.	PASS
90	N.D.	N.D.	N.D.	N.D.	PASS
92	N.D.	N.D.	N.D.	N.D.	PASS
95	N.D.	N.D.	N.D.	N.D.	PASS
100	N.D.	N.D.	N.D.	N.D.	PASS
102	N.D.	N.D.	N.D.	N.D.	PASS
103	N.D.	N.D.	N.D.	N.D.	PASS
104	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
108	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
2 111	N.D.	N.D.	N.D.	N.D.	PASS

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Substances	DBP	BBP	DEHP	DIBP	120 120
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	all all
Limit (mg/kg)	1000	1000	1000	1000 20	Conclusion
MDL (mg/kg)	20	20	20		4. 3
Material No.	104, 104,	Result	(mg/kg)	OH 10H	104, 104
113	N.D.	N.D.	N.D.	N.D.	PASS
116	N.D.	N.D.	N.D.	N.D.	PASS
117	N.D.	N.D.	N.D.	N.D.	PASS
118	N.D.	N.D.	N.D.	N.D.	PASS
119	N.D.	N.D.	N.D.	N.D.	PASS
120	N.D.	N.D.	N.D.	N.D.	PASS
122	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
130	N.D.	N.D.	N.D.	N.D.	PASS
131	N.D.	N.D.	N.D.	N.D.	PASS
132	N.D.	N.D.	N.D.	N.D.	PASS
134	N.D.	N.D.	N.D.	N.D.	PASS
136	N.D.	N.D.	N.D.	N.D.	PASS
137	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
146	N.D.	N.D.	N.D.	N.D.	PASS
147	N.D.	N.D.	N.D.	N.D.	PASS
148	N.D.	N.D.	N.D.	N.D.	PASS

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Substances CAS No. Limit (mg/kg) MDL (mg/kg)	DBP 84-74-2 1000 20	85-68-7 1000 20	DEHP 117-81-7 1000 20	DIBP 84-69-5 1000 20	Conclusion						
						Material No. Result (mg/kg)					101/11/101
						149	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						
153	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						
160	N.D.	N.D.	N.D.	N.D.	PASS						
161	N.D.	N.D.	N.D.	N.D.	PASS						
164	N.D.	N.D.	N.D.	N.D.	PASS						
167	N.D.	N.D.	N.D.	N.D.	PASS						
169	N.D.	N.D.	N.D.	N.D.	PASS						
170	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						
174	N.D.	N.D.	N.D.	N.D.	PASS						
175	N.D.	N.D.	N.D.	N.D.	PASS						
177	N.D.	N.D.	N.D.	N.D.	PASS						
178	N.D.	N.D.	N.D.	N.D.	PASS						

Note:

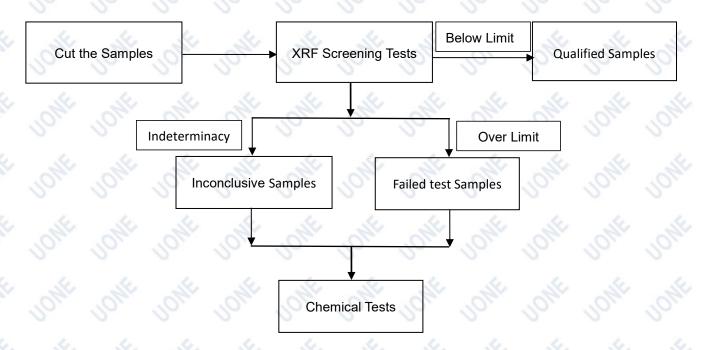
- 1. mg/kg = milligram per kilogram (ppm).
- 2. MDL= method detection limit.
- N.D.=not detected(less than MDL).



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Test Process Flow

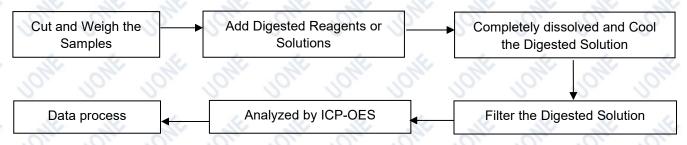
1. XRF scan



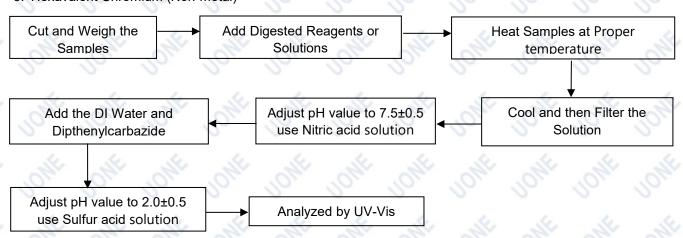


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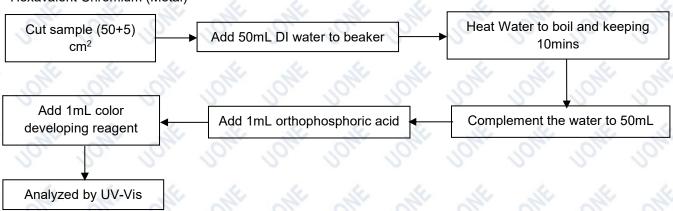
2. Lead, Cadmium, Mercury



3. Hexavalent Chromium (Non-metal)



Hexavalent Chromium (Metal)



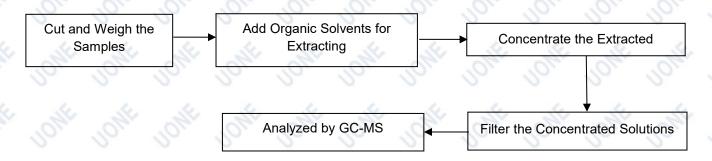
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4. PBBs & PBDEs, Phthalates



Remark: The test result(s) is(are) copied from the test report No. U00901230711610-5E, dated Jul. 14, 2023.

Photo(s) of Sample:

The following photo(s) is(are) provided by the customer:



End of Report



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Statement

- The information as listed on the first page of this test report was all provided by the client except the
 received date, testing period, test result(s) and test request. The client shall be responsible for the
 representativeness of sample and authenticity of materials, for which UONE shall bear no
 responsibilities.
- Unless otherwise stated the results shown in this report refer only the sample(s) tested and does not bear other joint and several liabilities.
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