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Address:



TEST REPORT

Applicant: Shenzhen Techtion Smart Electronics Co., Ltd

> Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun Factory District, Vanke City Community, Bantian Street, Longgang

District, Shenzhen

The following sample(s) and information was/were provided by the client. Dinghua does not assume any responsibility for verifying the accuracy, appropriateness, and/or completeness of the information provided.

Manufacturer: Shenzhen Techtion Smart Electronics Co., Ltd

Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun

Address: Factory District, Vanke City Community, Bantian Street, Longgang

District, Shenzhen

Production plant: Shenzhen Techtion Smart Electronics Co., Ltd

Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun

Factory District, Vanke City Community, Bantian Street, Longgang Address:

District. Shenzhen

Client Contact Number:

Sample name: **Outdoor Reflective Display Terminal**

Sample Condition: Intact

Trademark:

Tel: 0755-28269735

TS-156PHD Model /Type:

Aug. 09, 2024 & Aug. 26, 2024 & Sep. 20, 2024 & Sep. 26, 2024 & Sample Receiving Date:

Sep. 28, 2024 & Oct. 17, 2024

Testing Period: Aug. 09, 2024 ~ Oct. 18, 2024

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

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

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Test Requirement	Conclusion
EU RoHS Directive(EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass
Note: The judgment rule complies with the simple binary judgment rule	1

**************************** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE (S) ********************

Ding Hua International Certification(Shenzhen) Co., Ltd.

Signature of Authorized Representative



WJ Authorized signatory

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1.Tested components

No.	Sample Description	REMARK
1	Silver metal screw base material	SEE THE PHOTO
2	Black coating	SEE THE PHOTO
3	Metal heat dissipation block base material	SEE THE PHOTO
4	Grey silicone	SEE THE PHOTO
5	Black IC	SEE THE PHOTO
6	Black PCB	SEE THE PHOTO
7	Multi color printed white plastic sticker	SEE THE PHOTO
8	Black printed white sticker	SEE THE PHOTO
9	Silver metal screw	SEE THE PHOTO
10	Silver metal block	SEE THE PHOTO
11	Green PCB	SEE THE PHOTO
12	Black printed white sticker	SEE THE PHOTO
13	Silver metal cover	SEE THE PHOTO
14	crystal oscillator	SEE THE PHOTO
15	Black IC	SEE THE PHOTO
16	Black IC	SEE THE PHOTO
17	Black printed white plastic sticker	SEE THE PHOTO
18	Green PCB	SEE THE PHOTO
19	Silver metal screw	SEE THE PHOTO
20	Black plastic base	SEE THE PHOTO
21	Silver metal pin	SEE THE PHOTO
22	Pink plastic shell	SEE THE PHOTO
23	Silver metal terminal	SEE THE PHOTO
24	Silver metal shell	SEE THE PHOTO
25	Black plastic	SEE THE PHOTO
26	Black printed white plastic sticker	SEE THE PHOTO
27	Yellow LED	SEE THE PHOTO
28	Green LED	SEE THE PHOTO
29	Silver metal pin	SEE THE PHOTO

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•	· · · · · · · · · · · · · · · · · · ·	
30	Silver metal shell	SEE THE PHOTO
31	Blue plastic	SEE THE PHOTO
32	Silver metal shell	SEE THE PHOTO
33	Blue plastic	SEE THE PHOTO
34	Silver metal screw	SEE THE PHOTO
35	Silver metal nut	SEE THE PHOTO
36	Off white plastic base	SEE THE PHOTO
37	Silver metal shell	SEE THE PHOTO
38	Black plastic base	SEE THE PHOTO
39	Silver metal shell	SEE THE PHOTO
40	Black plastic shell	SEE THE PHOTO
41	Silver metal pin	SEE THE PHOTO
42	Blue plastic base	SEE THE PHOTO
43	Black printed white adhesive sticker	SEE THE PHOTO
44	Black plastic shell	SEE THE PHOTO
45	Silver metal pin	SEE THE PHOTO
46	Black body	SEE THE PHOTO
47	Silver metal shell	SEE THE PHOTO
48	Black plastic	SEE THE PHOTO
49	Green fiberboard	SEE THE PHOTO
50	IC	SEE THE PHOTO
51	Red printed silver metal shell	SEE THE PHOTO
52	Surface mount capacitor	SEE THE PHOTO
53	White plastic shell	SEE THE PHOTO
54	Green plastic shell	SEE THE PHOTO
55	Golden metal mother pillar	SEE THE PHOTO
56	crystal oscillator	SEE THE PHOTO
57	Black IC	SEE THE PHOTO
58	Black transistor	SEE THE PHOTO
59	The button battery	SEE THE PHOTO
60	Black plastic base	SEE THE PHOTO

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61	Silver metal conductive sheet	SEE THE PHOTO
62	Black IC	SEE THE PHOTO
63	Black printed white plastic sticker	SEE THE PHOTO
64	Beige plastic shell	SEE THE PHOTO
65	Silver metal pin	SEE THE PHOTO
66	Silver metal sheet	SEE THE PHOTO
67	Black buzzer	SEE THE PHOTO
68	Grey inductor	SEE THE PHOTO
69	Off white plastic base	SEE THE PHOTO
70	Silver metal shell	SEE THE PHOTO
71	Black plastic	SEE THE PHOTO
72	Black capacitor	SEE THE PHOTO
73	Black printed white plastic sticker	SEE THE PHOTO
74	Black plastic gasket with adhesive	SEE THE PHOTO
75	Green PCB	SEE THE PHOTO
76	Silver metal solder	SEE THE PHOTO
77	Black coating	SEE THE PHOTO
78	Metal cover substrate	SEE THE PHOTO
79	Light purple silicone	SEE THE PHOTO
80	Grey silicone	SEE THE PHOTO
81	Silver metal screw	SEE THE PHOTO
82	Metal screw substrate with black coating	SEE THE PHOTO
83	Silver metal screw	SEE THE PHOTO
84	Silver metal nut	SEE THE PHOTO
85	Golden metal nut	SEE THE PHOTO
86	Golden metal gasket	SEE THE PHOTO
87	Golden metal washer	SEE THE PHOTO
88	Black plastic shell	SEE THE PHOTO
89	Golden metal	SEE THE PHOTO
90	Silver metal solder	SEE THE PHOTO
91	Golden metal shell	SEE THE PHOTO

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92	Transparent white plastic sheath	SEE THE PHOTO
93	Golden metal washer	SEE THE PHOTO
94	Golden metal pin	SEE THE PHOTO
95	Golden metal shell	SEE THE PHOTO
96	Red plastic gasket	SEE THE PHOTO
97	Golden metal shell	SEE THE PHOTO
98	Silver metal solder (submitted on Sep. 20, 2024)	SEE THE PHOTO
99	Black plastic heat shrink sleeve	SEE THE PHOTO
100	Black plastic wire leather	SEE THE PHOTO
101	White plastic	SEE THE PHOTO
102	Golden metal terminal	SEE THE PHOTO
103	Silver metal nut	SEE THE PHOTO
104	Silver metal solder (submitted on Sep. 26, 2024)	SEE THE PHOTO
105	Light brown plastic wire skin	SEE THE PHOTO
106	Red plastic wire skin	SEE THE PHOTO
107	Orange plastic wire skin	SEE THE PHOTO
108	Yellow plastic wire skin	SEE THE PHOTO
109	Green plastic wire skin	SEE THE PHOTO
110	Deep blue plastic wire skin	SEE THE PHOTO
111	Purple plastic wire skin	SEE THE PHOTO
112	Grey plastic wire skin	SEE THE PHOTO
113	White plastic wire skin	SEE THE PHOTO
114	Black plastic shell	SEE THE PHOTO
115	Golden metal pin	SEE THE PHOTO
116	Silver metal shell	SEE THE PHOTO
117	Blue plastic	SEE THE PHOTO
118	Black plastic shell	SEE THE PHOTO
119	Black plastic shell (submitted on Oct. 17, 2024)	SEE THE PHOTO
120	Black plastic heat shrink sleeve	SEE THE PHOTO
121	Black plastic sheath	SEE THE PHOTO
122	Red plastic wire skin	SEE THE PHOTO



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	· · · · · · · · · · · · · · · · · · ·	
123	White plastic wire skin	SEE THE PHOTO
124	Black plastic wire skin	SEE THE PHOTO
125	Green plastic wire skin	SEE THE PHOTO
126	Black plastic wire skin	SEE THE PHOTO
127	Red plastic wire skin	SEE THE PHOTO
128	Green plastic wire skin	SEE THE PHOTO
129	White plastic shell	SEE THE PHOTO
130	Black plastic shell	SEE THE PHOTO
131	Black magnetic core	SEE THE PHOTO
132	Black IC	SEE THE PHOTO
133	Yellow printed green plastic outer skin	SEE THE PHOTO
134	Silver metal shell	SEE THE PHOTO
135	Black transistor	SEE THE PHOTO
136	Yellow printed black plastic outer skin	SEE THE PHOTO
137	White dry glue	SEE THE PHOTO
138	White plastic base	SEE THE PHOTO
139	chip resistor	SEE THE PHOTO
140	Black inductor	SEE THE PHOTO
141	Silver metal solder	SEE THE PHOTO
142	Black printed white sticker	SEE THE PHOTO
143	Green PCB	SEE THE PHOTO
144	White plastic shell	SEE THE PHOTO
145	Red plastic wire skin	SEE THE PHOTO
146	Blue plastic wire skin	SEE THE PHOTO
147	Green plastic wire skin	SEE THE PHOTO
148	Black plastic wire skin	SEE THE PHOTO
149	Black plastic heat shrink sleeve	SEE THE PHOTO
150	Silver metal solder	SEE THE PHOTO
151	Silver metal shell (submitted on Oct. 17, 2024)	SEE THE PHOTO
152	Silver metal solder (submitted on Sep. 26, 2024)	SEE THE PHOTO
153	PCB	SEE THE PHOTO
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154	White plastic shell	SEE THE PHOTO
155	Translucent white plastic pad	SEE THE PHOTO
156	Silver metal	SEE THE PHOTO
157	Translucent white plastic button	SEE THE PHOTO
158	Black plastic shell	SEE THE PHOTO
159	Black adhesive tape	SEE THE PHOTO
160	White plastic wire skin	SEE THE PHOTO
161	Yellow plastic wire skin	SEE THE PHOTO
162	Black plastic wire skin	SEE THE PHOTO
163	Red plastic wire skin	SEE THE PHOTO
164	Off white plastic base	SEE THE PHOTO
165	Silver metal heat sink block	SEE THE PHOTO
166	Black IC	SEE THE PHOTO
167	Black plastic	SEE THE PHOTO
168	Silver metal pin	SEE THE PHOTO
169	Beige plastic shell	SEE THE PHOTO
170	Black plastic	SEE THE PHOTO
171	Black IC	SEE THE PHOTO
172	crystal oscillator	SEE THE PHOTO
173	Black inductor	SEE THE PHOTO
174	chip resistor	SEE THE PHOTO
175	Surface mount capacitor	SEE THE PHOTO
176	Black IC	SEE THE PHOTO
177	Black printed white sticker	SEE THE PHOTO
178	Silver metal solder	SEE THE PHOTO
179	Green PCB	SEE THE PHOTO
180	White plastic zip tie	SEE THE PHOTO
L	l	l .

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2.Tested results

2.103104103				Result of	
Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
4	PBBs				DACC
1	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
2	PBBs	BL			
2	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			PASS
3	PBBs				
	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
4	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		1
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
_	PBBs	BL			
5	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			PASS
0	PBBs	IN		ND	
6	PBDEs	IN		ND	
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		1



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
_	PBBs	BL]
7	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
8	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				PASS
9	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
40	PBBs				D4.00
10	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
11	PBBs	IN		ND	
11	PBDEs	IN		ND	
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
12	PBBs	BL			DASS
12	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
13	PBDEs				PASS
	DBP				
	BBP				1
	DEHP				_
	DIBP				
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
14	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		1
	DIBP		BL		1
	Cd	BL			
	Pb	BL			1
	Hg	BL			
	Cr(VI)	BL			PASS
45	PBBs	BL			
15	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
16	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		†
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
4-	PBBs	BL			
17	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
10	PBBs	IN		ND	DACC
18	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		1
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
19	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
00	PBBs	IN		ND	
20	PBDEs	IN		ND	
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
04	PBBs				DAGG
21	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	IN		ND	
22	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
23	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	IN		Negative	
24	PBBs				DASS
24	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	IN		ND	
25	PBDEs	IN		ND	PASS
	DBP		BL		1
-	BBP		BL		1
	DEHP		BL		-
	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs	BL			
26	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
27	PBBs	IN		ND	DA 00
27	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	IN		ND]
28	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
29	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
20	PBBs				PASS
30	PBDEs				
	DBP				
	BBP				1
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	IN		ND	
31	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		1
	Cd	BL			-
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
32	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
20	PBBs	IN		ND	DAGG
33	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
34	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	OL		26529##	
	Hg	BL			
	Cr(VI)	BL			
0.5	PBBs				
35	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
20	PBBs	BL			D.
36	PBDEs	BL			PASS
	DBP		BL		-
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs]
37	PBDEs				PASS
	DBP				
	BBP				
	DEHP				-
	DIBP				
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
38	PBDEs	BL			
	DBP		BL		
	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
20	PBBs				DAGG
39	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	IN		ND	
40	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
4.4	PBBs				
41	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
40	PBBs	BL			DAGG
42	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL]
43	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		-
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
44	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
45	PBBs				PASS
45	PBDEs				
	DBP				
	BBP				
	DEHP				1
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
46	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
4	PBBs				
47	PBDEs				
	DBP				
	BBP				
	DEHP				1
	DIBP				1
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
40	PBBs	IN		ND	DAGG
48	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
49	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
50	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
5 4	PBBs				DAGG
51	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
52	PBDEs	BL			PASS
	DBP		BL		1
	BBP		BL		
	DEHP		BL		_
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
53	PBDEs	BL			
	DBP		BL		
	BBP		BL		1
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	IN		ND	
54	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		1

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	OL		30606##	
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
55	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			-
	Cr(VI)	BL			
	PBBs	BL			
56	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			1
	PBBs	BL			
57	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL]
58	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		_
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	IN		Negative	
	PBBs				
59	PBDEs				
	DBP				
	BBP				
	DEHP				-
	DIBP				-
	Cd	BL			
	Pb	BL]
	Hg	BL]
	Cr(VI)	BL			1
	PBBs	BL			1
60	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
-	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
0.4	PBBs				
61	PBDEs				PASS
	DBP				
	BBP				
	DEHP				-
	DIBP				
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
62	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
63	PBBs	BL			DASS
63	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
64	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
C.F.	PBBs				PASS
65	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
66	PBBs				PASS
00	PBDEs				FASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	IN		ND	
67	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
-	DEHP		BL		_
F	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			PASS
	PBBs	BL			
68	PBDEs	BL			
-	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	IN		ND	7
69	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		1
	DEHP		BL		7
-	DIBP		BL		1

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TO Cd	Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
Hg		Cd	BL			
Cr(VI)		Pb	BL			
PBBs PASS PBBBS		Hg	BL			
70 PBDES PASS DBP		Cr(VI)	IN		Negative	
PBDES		PBBs				1
BBP	70	PBDEs				PASS
DEHP		DBP				
DIBP		BBP				
71		DEHP				-
Pb BL		DIBP				
T1 Hg BL		Cd	BL			PASS
71		Pb	BL			
71		Hg	BL			
PBBS BL PASS PBDES BL PASS DBP BL			BL			
PBDES BL			BL			
BBP BL DEHP BL DIBP BL Cd BL Pb BL Hg BL Cr(VI) BL PBBs BL PBDEs BL DBP BL BBP BL DEHP BL	71	PBDEs	BL			
DEHP BL DIBP BL Cd BL Pb BL Hg BL Cr(VI) BL PBBs BL PBDEs BL DBP BL BBP BL DEHP BL		DBP		BL		-
DIBP		BBP		BL		-
DIBP		DEHP		BL		-
Cd BL Pb BL Hg BL Cr(VI) BL PBBs BL PBDEs BL PASS DBP BL DEHP BL				BL		-
Hg BL Cr(VI) BL PBBs BL PBDEs BL DBP BL BBP BL DEHP BL			BL			
Cr(VI) BL PBBS BL PASS PBDEs BL PASS DBP BL BBP BL DEHP BL		Pb	BL			
Cr(VI) BL PBBS BL PASS PBDEs BL PASS DBP BL BBP BL DEHP BL		Hg	BL			
PBDEs BL PASS DBP BL DEHP BL			BL			
DBP BL BBP BL DEHP BL		PBBs	BL]
BBP BL DEHP BL	72	PBDEs	BL			PASS
DEHP BL		DBP		BL		
		BBP		BL		
		DEHP		BL		
DIBP BL		DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
73	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			- PASS
	Cr(VI)	BL			
7.4	PBBs	BL			
74	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		1
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
75	PBBs	IN		ND	DACC
75	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs]
76	PBDEs				PASS
	DBP				
	BBP				
	DEHP				-
	DIBP				
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
77	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		-
	DIBP		BL		-
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
70	PBBs				DAGG
78	PBDEs				PASS
	DBP				
	BBP				
Ī	DEHP				
	DIBP				

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
70	PBBs	BL			D. 00
79	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		-
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
80	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		1
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
01	PBBs				DACC
81	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
82	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			PASS
00	PBBs				
83	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	OL		61	
	Pb	OL		38569##	
	Hg	BL			
	Cr(VI)	BL			
0.4	PBBs				DAGG
84	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	OL		15556##	
	Hg	BL			
	Cr(VI)	BL			
0.5	PBBs				D4.00
85	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
86	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
87	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
00	PBBs	BL			D4.00
88	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	OL		27181##	
	Hg	BL			
	Cr(VI)	BL			
90	PBBs				PASS
89	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
00	PBBs				DASS
90	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	OL		18497##	
	Hg	BL			
	Cr(VI)	BL			
	PBBs]
91	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				1
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
92	PBDEs	BL			
	DBP		BL		
	BBP		BL		1
-	DEHP		BL		1
-	DIBP		BL		1
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				DAGG
93	PBDEs				PASS
	DBP				
	BBP				
	DEHP				1
	DIBP				1



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	OL		23679##	
	Hg	BL			
	Cr(VI)	BL			
	PBBs]
94	PBDEs				PASS
	DBP				1
	BBP				
	DEHP				
	DIBP				-
	Cd	BL			-
	Pb	OL		28087##	
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
95	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
96	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		-
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	OL		24318##	
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
97	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				1
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
00	PBBs				
98	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
00	PBBs	BL			DAGG
99	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
100	PBBs	BL			
100	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		1
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
404	PBBs	BL			
101	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
-	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	OL		5521##	
	Hg	BL			
	Cr(VI)	BL			
100	PBBs				PASS
102	PBDEs				
	DBP				
	BBP				1
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
103	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
104	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
405	PBBs	BL			DAGG
105	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
106	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			PASS
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
107	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
105	PBBs	BL			D
108	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
109	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
440	PBBs	BL			
110	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
444	PBBs	BL			DACC
111	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
440	PBBs	BL			D4.00
112	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
442	PBBs	BL			DACC
113	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
114	PBBs	BL			DASS
114	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
115	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			PASS
	Hg	BL			
	Cr(VI)	BL			
440	PBBs				
116	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
447	PBBs	BL			D.
117	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		1
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
110	PBBs	BL			
118	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
440	PBBs	BL			
119	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
400	PBBs	BL			DAGG
120	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		1
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
121	PBDEs	BL			PASS
	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			-
-	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
122	PBDEs	BL			PASS
	DBP		BL		
-	BBP		BL		
	DEHP		BL		1
	DIBP		BL		1
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
123	PBDEs	BL			PASS
F	DBP		BL		
	BBP		BL		-
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
404	PBBs	BL			
124	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
405	PBBs	BL			
125	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
400	PBBs	BL			DAGG
126	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
127	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			PASS
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
128	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
400	PBBs	BL			PASS
129	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		1



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
400	PBBs	BL			
130	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
404	PBBs	BL			
131	PBDEs	BL			PASS
	DBP		BL		1
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
400	PBBs	BL			DA 00
132	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
133	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		-
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
134	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
405	PBBs	BL			
135	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
100	PBBs	BL			
136	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
137	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
400	PBBs	BL			DAGG
138	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
139	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		-
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
140	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		1
	DIBP		BL		1
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
444	PBBs				DAGG
141	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
4.40	PBBs	BL			
142	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		_
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
4.40	PBBs	IN		ND	
143	PBDEs	IN		ND	
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
111	PBBs	BL			DAGG
144	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
145	PBDEs	BL			PASS
	DBP		IN	310	
	BBP		BL		
	DEHP		BL		-
	DIBP		BL		
	Cd	BL			
	Pb	BL			PASS
	Hg	BL			
-	Cr(VI)	BL			
4.40	PBBs	BL			
146	PBDEs	BL			
-	DBP		IN	273	
-	BBP		BL		
-	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
447	PBBs	BL			DAGG
147	PBDEs	BL			PASS
	DBP		IN	550	
	BBP		BL		1
	DEHP		BL		
	DIBP		BL		1

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL		-	
	Cr(VI)	BL			
	PBBs	BL]
148	PBDEs	BL			PASS
	DBP		IN	173	
	BBP		BL		
	DEHP		BL		_
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
-	Cr(VI)	BL			
4.40	PBBs	BL			
149	PBDEs	BL			
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
450	PBBs				DAGG
150	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	IN		81	
	Pb	OL		29498##	
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
151	PBDEs				PASS
	DBP				
	BBP				1
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			PASS
	Hg	BL			
	Cr(VI)	BL			
450	PBBs				
152	PBDEs				
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
450	PBBs	IN		ND	D4.00
153	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		1
	DEHP		BL		
	DIBP		BL		7



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
154	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		1
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
455	PBBs	BL			
155	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	IN		Negative	
450	PBBs				DAGG
156	PBDEs				PASS
	DBP				
	BBP				1
	DEHP				
-	DIBP				



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
453	PBBs	BL			D. 00
157	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
450	PBBs	IN		ND]
158	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		7
	DIBP		BL		7
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
150	PBBs	BL			DAGG
159	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
160	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
404	PBBs	BL			DAGG
161	PBDEs	BL			PASS
	DBP		BL		1
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
160	PBBs	BL			DAGG
162	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion	
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL				
	PBBs	BL				
163	PBDEs	BL			PASS	
	DBP		BL			
	BBP		BL			
	DEHP		BL			
	DIBP		BL			
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL				
404	PBBs	IN		ND	D. 00	
164	PBDEs	IN		ND	PASS	
	DBP		BL			
	BBP		BL			
	DEHP		BL			
	DIBP		BL			
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL				
405	PBBs				DAGG	
165	PBDEs				PASS	
	DBP					
	BBP					
	DEHP					
	DIBP					

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion	
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL				
400	PBBs	BL				
166	PBDEs	BL			PASS	
	DBP		BL			
	BBP		BL			
	DEHP		BL			
	DIBP		BL			
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL				
407	PBBs	IN		ND]	
167	PBDEs	IN		ND	PASS	
	DBP		BL			
	BBP		BL			
	DEHP		BL		1	
	DIBP		BL			
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL				
400	PBBs				DAGG	
168	PBDEs				PASS	
	DBP					
	BBP					
	DEHP				1	
-	DIBP				1	



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL]
169	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
4.70	PBBs	BL			D. 00
170	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
F	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
474	PBBs	BL			DA 00
171	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
-	DIBP		BL		

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Part No Test Item Results Screening Results Result of Result of Result of PHTH	of Chemical Conclusion
Cd BL	
Pb BL	
Hg BL	
Cr(VI) BL	
PBBs	
172 PBDEs	PASS
DBP	
BBP	
DEHP	
DIBP	
Cd BL	
Pb BL	
Hg BL	
Cr(VI) BL	
PBBs BI	
173 PBDEs BL	PASS
DBP BL	
BBP BL	
DEHP BL	
DIBP BL	
Cd BL	
Pb BL	
Hg BL	
Cr(VI) BL	
PBBs BL	
PBDEs BL	PASS
DBP BL	
BBP BL	
DEHP BL	
DIBP BL	



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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
475	PBBs	BL			D4.00
175	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
176	PBBs	BL			DAGG
176	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
177	PBBs	BL			PASS
177	PBDEs	BL			FA33
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		

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Part No	Test Item	Results of EDXRF	Screening Result of PHTH	Result of Wet Chemical Testing (mg/kg)	Conclusion	
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL				
	PBBs					
178	PBDEs				PASS	
	DBP					
	BBP					
	DEHP				1	
	DIBP					
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL			+	
	PBBs	IN		ND	1	
179	PBDEs	IN		ND	PASS	
	DBP		BL			
	BBP		BL		+	
-	DEHP		BL		+	
	DIBP		BL		+	
	Cd	BL				
	Pb	BL				
	Hg	BL				
	Cr(VI)	BL			7	
	PBBs	BL			1	
180	PBDEs	BL			PASS	
	DBP		BL		1	
	BBP		BL		1	
	DEHP		BL		1	
	DIBP		BL		+	

Note:

BL = Below Limit

OL= Limit exceeded

--- = No Testing Required

mg/kg = milligram per kilogram

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IN = Inconclusive

ND = Not Detected (lower than MDL)

Negative = Result indicates the absence of hexavalent chromium in the tested sample.

= According to the product specification provided from client, specimen No. 35、55、84、85、89、91、94、95、97、102、151 of the submitted sample are copper alloy containing up to 40000 mg/kg Lead by weight which is exempted by RoHS regulatory (Directive 2015/863/EU amending Annex II to Directive 2011/65/EU of The European Parliament and of The Council of 31 March 2015).

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Remark:

1. (a) There are the results on total Br while test items on restricted substances are PBBs and PBDEs. There is the result on total Cr while test item on restricted substances is Cr(VI).

(b) Results are obtained by EDXRF for primary screening, and further 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 the concentration exceeds the below warning value according to IEC62321-3-1:2013 (unit: mg/kg).

Element	Unit	Polymer	Metal	Composite Material
Cd	mg/kg	BL \leq (70-3 σ) $<$ IN $<$ (130+3 σ) \leq OL	BL \leq (70-3 σ) $<$ IN $<$ (130+3 σ) \leq OL	LOD < IN< (150+3σ) ≤ OL
Pb	mg/kg	BL \leq (700-3 σ) $<$ IN $<$ (1300+3 σ) \leq OL	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	BL \leq (500-3 σ) $<$ IN $<$ (1500+3 σ) \leq OL
Hg	mg/kg	BL \leq (700-3 σ) $<$ IN $<$ (1300+3 σ) \leq OL	$BL \le (700-3\sigma) < IN < (1300+3\sigma) \le OL$	BL ≤ (500-3σ) < IN < (1500+3σ) ≤ OL
Br	mg/kg	BL ≤ (300-3σ) < IN		BL ≤ (250-3σ) < IN
Cr	mg/kg	BL ≤ (700-3σ) < IN	BL ≤ (700-3σ) < IN	BL ≤ (500-3σ) < IN

BL = Below Limit

OL = Over Limit

IN = Inconclusive

LOD = Limit of Detection

mg/kg=ppm= milligram per kilogram

(c) Screening results of PHTH are for hybrid test by GC-MS, and further chemical testing by GC-MS (for DBP, BBP, DEHP and DIBP) are recommended to be performed if the concentration exceeds the below warning value (unit: mg/kg).

Compound	Polymer
DBP	BL ≤ 600< IN
BBP	BL ≤ 600< IN
DEHP	BL ≤ 600< IN
DIBP	BL ≤ 600< IN

mg/kg = milligram per kilogram 1% = 10000 mg/kg = 10000 ppm

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2. Test Method

Tested Item(s)	Test Method	Measured Equipment(s)
Lead (Pb)	IEC62321-5:2013	ICP-OES
Cadmium (Cd)	IEC62321-5:2013	ICP-OES
Mercury (Hg)	IEC 62321-4:2013+AMD1:2017	ICP-OES
Hexavalent chromium (Cr(VI)) for plastic	IEC62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
Hexavalent chromium (Cr(VI)) for coating on metals	IEC62321-7-1:2015 and/or determination of Total Chromium by IEC 62321-5:2013	UV-Vis/ICP-OES
Polybrominated Biphenyls (PBBs)	IEC62321-6:2015	GC-MS
Polybrominated Diphenyl Ethers (PBDEs)	IEC62321-6:2015	GC-MS
Phthalates (DBP, BBP, DEHP, DIBP)	IEC62321-8:2017	GC-MS

3. RoHS Requirement

Unit:mg/kg

Restricted substances	Cd	Pb	Hg	Cr(VI)	PBBs	PBDEs	BBP	DBP	DEHP	DIBP
MDL	10	10	10		100	100	100	100	100	100
RoHS limit	100	1000	1000	1000	1000	1000	1000	1000	1000	1000

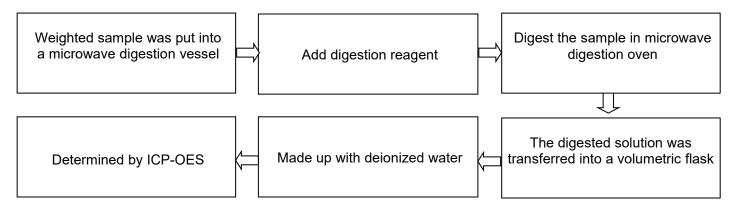
MDL of Cr(VI) for polymer, composite and leather sample is 10 mg/kg. MDL of Cr(VI) for metal sample is $0.10\mu g/cm^2$



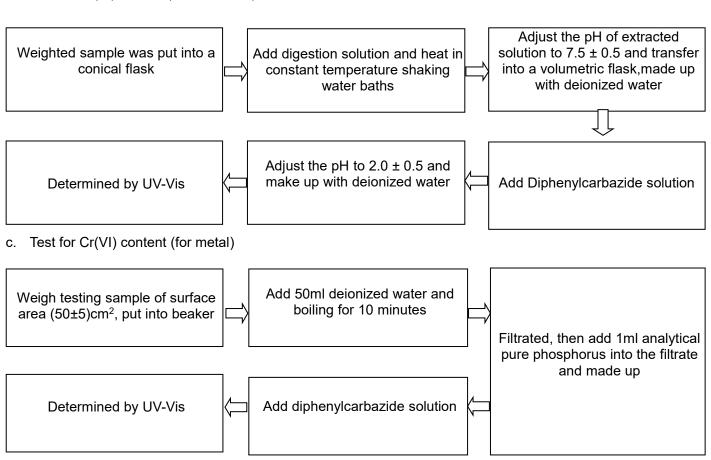
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4. Measurement Flowchart

a. Test for Cd / Pb /Hg contents)



b. Test for Cr(VI) content (for non-metal)



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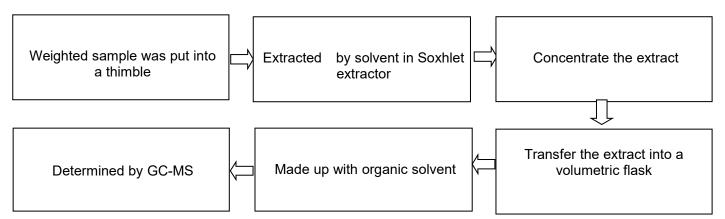
Tel: 0755-28269735

409-1, building F, Guanghong Meiju, No. 163 North Pingxin Road, Pinghu Street, Longgang District, Shenzhen, Guangdong, China Web: http://www.dhia.com.cn



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d. Test for PBBs,PBDEs,DBP,BBP,DEHP,DIBP



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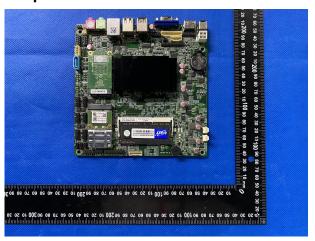
5. Photo(s) of the sample(s)

Below are provided photos by the client and do not test:

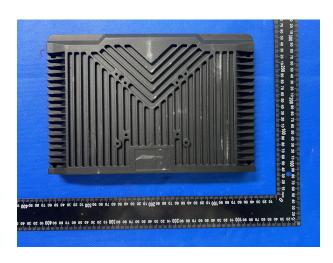


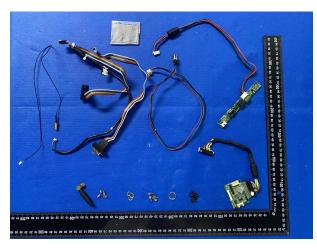


Sample Photo:









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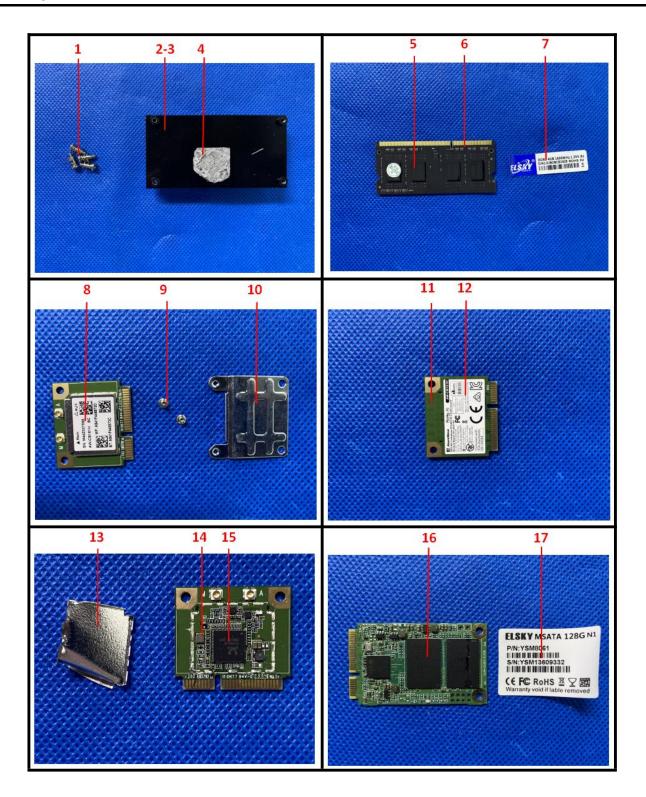
E-mail: dhia@dhia.com.cn

Tel: 0755-28269735

409-1, building F, Guanghong Meiju, No. 163 North Pingxin Road, Pinghu Street, Longgang District, Shenzhen, Guangdong, China Web: http://www.dhia.com.cn

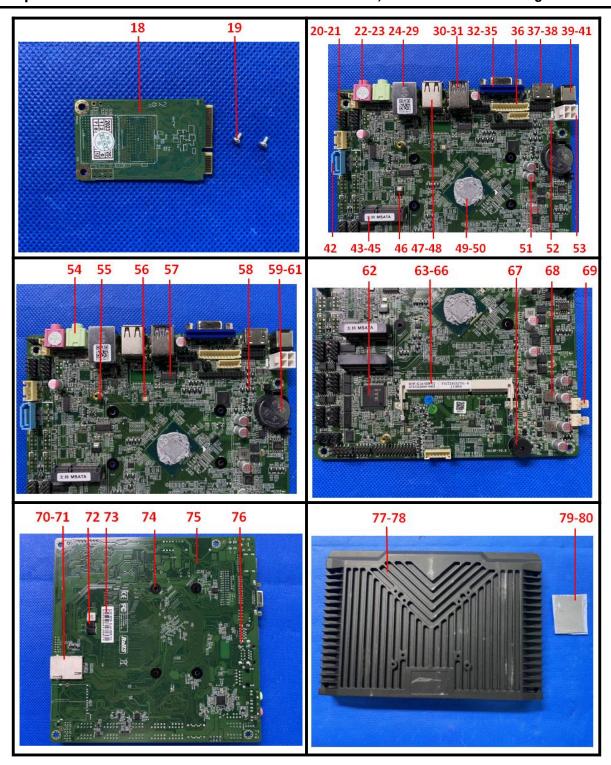


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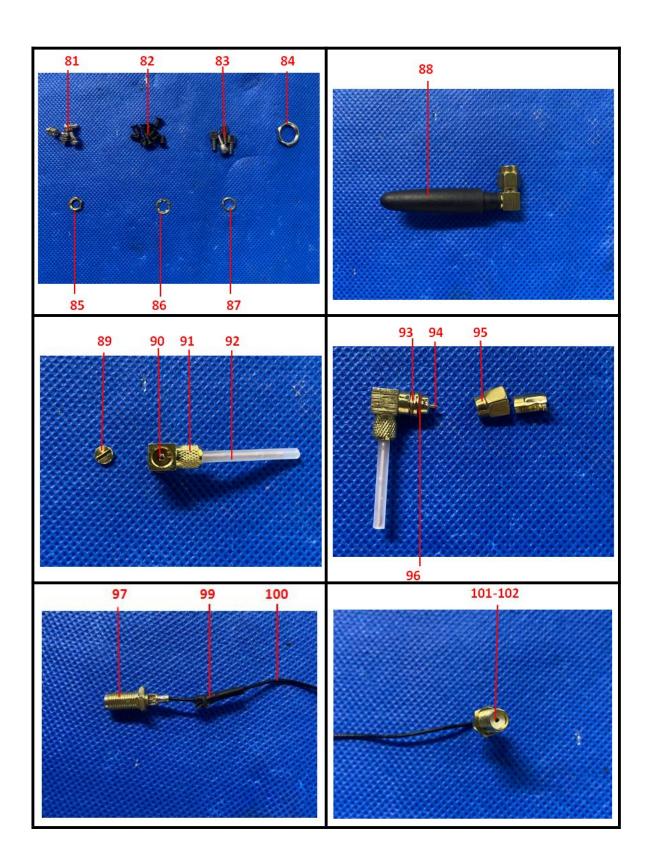


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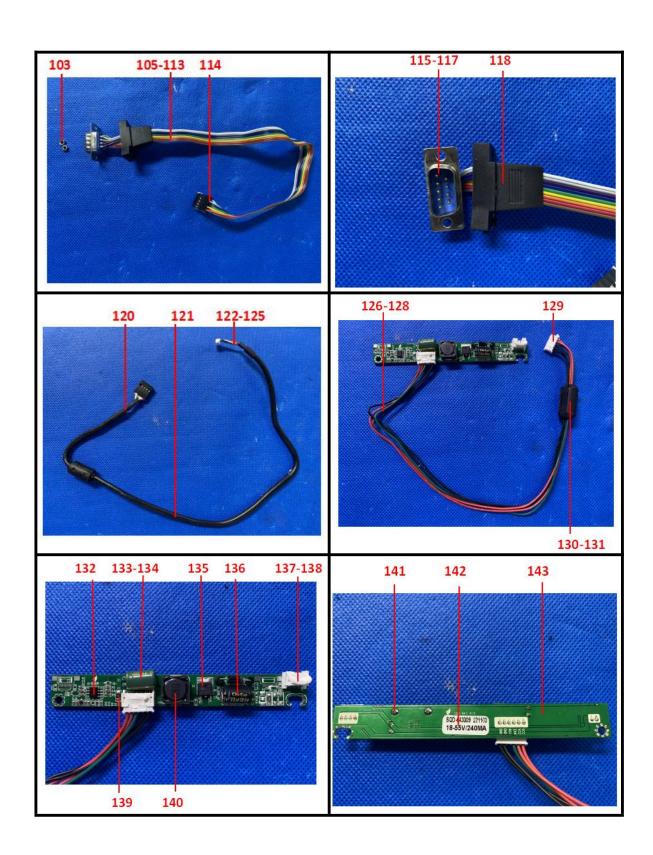


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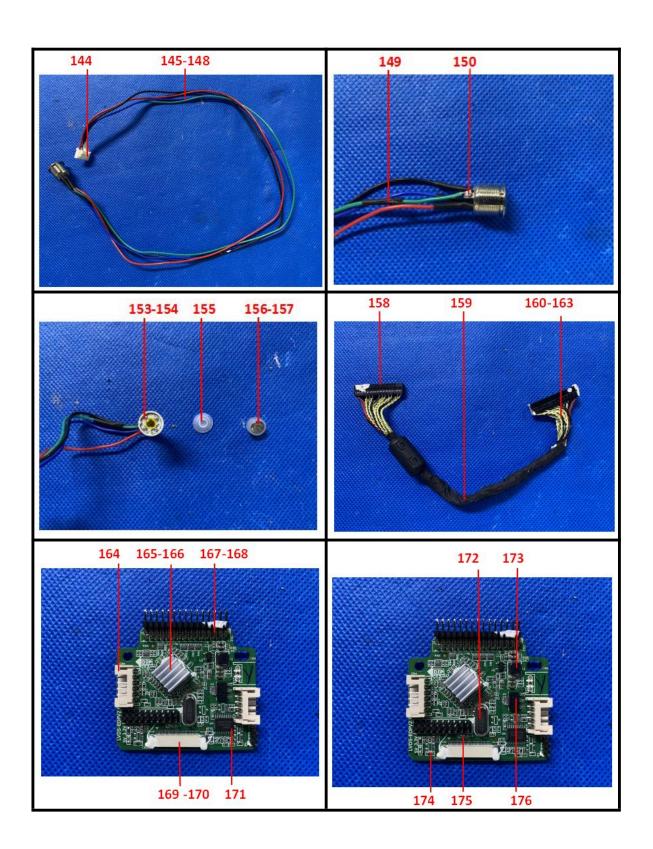


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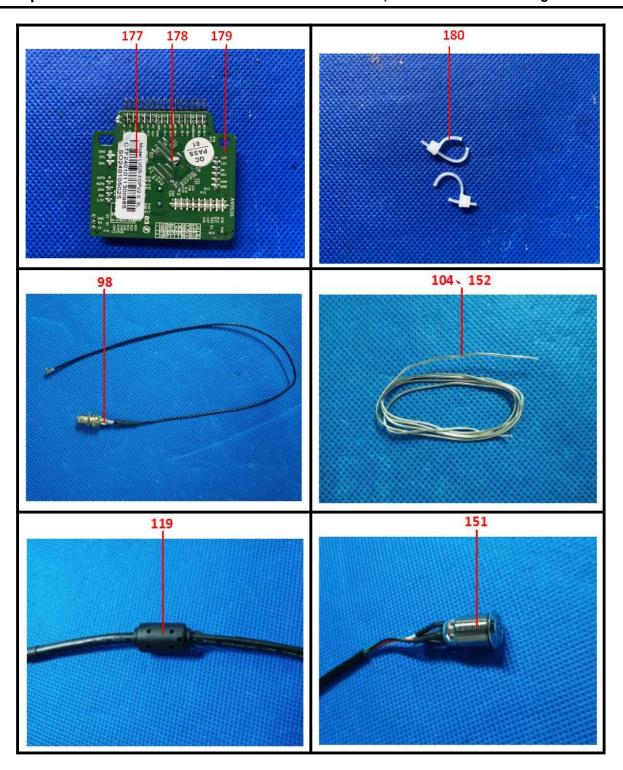


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The results of this report apply only to samples received. Without written authorization, any copy of this report for propaganda is invalid.

.....End of Report.....