

TESTING CNAS L16762

TEST REPORT

Applicant:	Shenzhen Techtion Smart Electronics Co., Ltd
Address:	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
Address:	Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun Factory District, Vanke City Community, Bantian Street, Longgang District, Shenzhen
Production plant:	Shenzhen Techtion Smart Electronics Co., Ltd
Address:	Room 902, 8th Floor, Unit 1, Building No. 2, Xintianxia Chengyun Factory District, Vanke City Community, Bantian Street, Longgang District, Shenzhen
Client Contact Number:	/
Sample name:	All in one Panel PC
Sample Condition:	Intact
Sample Condition.	Intact
Trademark:	/ /
-	/ TS-150ACBJ
Trademark:	/
Trademark: Model /Type:	/ TS-150ACBJ
Trademark: Model /Type: Sample Receiving Date:	/ TS-150ACBJ Aug. 09, 2024&Aug. 26, 2024
Trademark: Model /Type: Sample Receiving Date: Testing Period: Test Method(s): Test Result(s):	/ TS-150ACBJ Aug. 09, 2024&Aug. 26, 2024 Aug. 09, 2024 ~ Aug. 15, 2024



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Test Requirement		Conclusion	
EU RoHS Directive(EU) 2015/863 amer - Lead, Mercury, Cadmium, Hexavalent (PBB), Polybrominated diphenyl ethers (DEHP), Butyl benzyl phthalate (BBP), I phthalate (DIBP)	chromium, Polybrominated biphenyls (PBDE), Bis (2-ethylhexyl) phthalate	Pass	
Note: The judgment rule complies with the	he simple binary judgment rule	1	

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Signature of Authorized Representative



WJ Authorized signatory



1.Tested components

No.	Sample Description	REMARK
1	PCB	SEE THE PHOTO
2	Golden metal socket	SEE THE PHOTO
3	White dry glue	SEE THE PHOTO
4	Off white plastic base	SEE THE PHOTO
5	Silver metal pin	SEE THE PHOTO
6	Chip inductor	SEE THE PHOTO
7	Triode	SEE THE PHOTO
8	White silicone	SEE THE PHOTO
9	Silver metal cover	SEE THE PHOTO
10	Chip	SEE THE PHOTO
11	PCB	SEE THE PHOTO
12	Chip	SEE THE PHOTO
13	Red plastic socket	SEE THE PHOTO
14	White plastic base	SEE THE PHOTO
15	Black plastic cover	SEE THE PHOTO
16	Golden metal pin	SEE THE PHOTO
17	Black plastic base	SEE THE PHOTO
18	Tea colored transparent plastic sheet	SEE THE PHOTO
19	Silver metal stud	SEE THE PHOTO
20	White transparent tape	SEE THE PHOTO
21	Crystal oscillator	SEE THE PHOTO
22	White plastic button	SEE THE PHOTO
23	Silver metal sheet	SEE THE PHOTO
24	Black plastic base	SEE THE PHOTO
25	Chip	SEE THE PHOTO
26	Silver metal shell	SEE THE PHOTO
27	Black plastic base	SEE THE PHOTO
28	Green LED	SEE THE PHOTO
29	Silver metal shell	SEE THE PHOTO

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409-1, building F, Guanghong Meiju, No. 163 North Pingxin Road, Pinghu



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30	Black plastic base	SEE THE PHOTO
31	Silver plastic shell	SEE THE PHOTO
32	Internal rubber plug of capacitor	SEE THE PHOTO
33	Black plastic base	SEE THE PHOTO
34	Golden metal pin	SEE THE PHOTO
35	Silver metal shell	SEE THE PHOTO
36	Black plastic base	SEE THE PHOTO
37	Silver metal plug	SEE THE PHOTO
38	Silver metal shell	SEE THE PHOTO
39	Blue plastic base	SEE THE PHOTO
40	Silver metal shell	SEE THE PHOTO
41	White plastic base	SEE THE PHOTO
42	Black plastic base	SEE THE PHOTO
43	Golden metal terminal	SEE THE PHOTO
44	Black coating	SEE THE PHOTO
45	Metal substrate	SEE THE PHOTO
46	White label sticker	SEE THE PHOTO
47	Black foam pad	SEE THE PHOTO
48	Yellow plastic sheath	SEE THE PHOTO
49	Yellow plastic sheath	SEE THE PHOTO
50	Silver metal shell	SEE THE PHOTO
51	Silver metal conductive sheet	SEE THE PHOTO
52	Black heat shrink sleeve	SEE THE PHOTO
53	Red heat shrink sleeve	SEE THE PHOTO
54	Black plastic wire leather	SEE THE PHOTO
55	Red plastic wire cover	SEE THE PHOTO
56	White plastic plug	SEE THE PHOTO
57	Metal stud substrate with black coating	SEE THE PHOTO
58	Black adhesive tape	SEE THE PHOTO
59	Black coating	SEE THE PHOTO
60	Metal cover substrate	SEE THE PHOTO

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61	Metal mother column substrate	with black coating	SEE THE PHOTO
62	Metal nut substrate with black of	SEE THE PHOTO	
63	Red plastic wire cover		SEE THE PHOTO
64	Red plastic wire belt with black	coating	SEE THE PHOTO
65	White plastic shell		SEE THE PHOTO
66	Black foam with adhesive tape		SEE THE PHOTO
67	Silver metal shell		SEE THE PHOTO
68	White dry glue		SEE THE PHOTO
69	Silver metal solder		SEE THE PHOTO
70	Green PCB		SEE THE PHOTO
71	Silver magnet		SEE THE PHOTO
72	Black plastic film		SEE THE PHOTO
73	Black plastic ring		SEE THE PHOTO
74	Red plastic wire skin		SEE THE PHOTO
75	White plastic wire skin		SEE THE PHOTO
76	Black plastic wire skin		SEE THE PHOTO
77	Plastic base		SEE THE PHOTO
78	Black plastic shell		SEE THE PHOTO
79	Silver metal solder		SEE THE PHOTO
80	Silver metal shell		SEE THE PHOTO
81	Golden metal pin		SEE THE PHOTO
82	Blue plastic		SEE THE PHOTO
83	Silver metal nut		SEE THE PHOTO
84	Silver metal screw		SEE THE PHOTO
85	Red plastic wire skin		SEE THE PHOTO
86	Green plastic wire skin		SEE THE PHOTO
87	White plastic wire skin		SEE THE PHOTO
88	Black plastic wire skin		SEE THE PHOTO
89	Black plastic sheath		SEE THE PHOTO
90	Black plastic heat shrink sleeve	•	SEE THE PHOTO
91	Cable plastic shell		SEE THE PHOTO



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92	White plastic wire skin	SEE THE PHOTO
93	Yellow plastic wire skin	SEE THE PHOTO
94	Red plastic wire skin	SEE THE PHOTO
95	Black plastic wire skin	SEE THE PHOTO
96	Black plastic shell	SEE THE PHOTO
97	Red plastic wire skin	SEE THE PHOTO
98	Black plastic wire skin	SEE THE PHOTO
99	Yellow plastic wire skin	SEE THE PHOTO
100	Beige plastic shell	SEE THE PHOTO
101	Black plastic sheath	SEE THE PHOTO
102	Silver metal solder	SEE THE PHOTO
103	Golden metal shell	SEE THE PHOTO
104	Golden metal gasket	SEE THE PHOTO
105	Golden metal washer	SEE THE PHOTO
106	Black plastic wire skin	SEE THE PHOTO
107	Golden metal pin	SEE THE PHOTO
108	White plastic	SEE THE PHOTO
109	Transparent plastic sheath	SEE THE PHOTO
110	Silver metal solder	SEE THE PHOTO
111	Silver metal nut	SEE THE PHOTO
112	Silver metal shell	SEE THE PHOTO
113	Golden metal terminal	SEE THE PHOTO
114	White plastic	SEE THE PHOTO
115	Red plastic circle	SEE THE PHOTO
116	Black plastic shell	SEE THE PHOTO
117	Golden metal shell	SEE THE PHOTO
118	Light pink transparent plastic sheath	SEE THE PHOTO
119	Black plastic shell	SEE THE PHOTO
120	Silver metal screw	SEE THE PHOTO
121	Metal screw substrate with black coating	SEE THE PHOTO
122	White plastic zip tie	SEE THE PHOTO



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2.Tested results

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	PBBs	BL			DAGO
1	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
2	PBBs				
2	PBDEs				
	DBP				
-	BBP				
-	DEHP				
-	DIBP				
	Cd	BL			
_	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
3	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	IN		ND	
4	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
r	PBBs				
5	PBDEs				- PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
6	PBBs	BL			PASS
6	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	BL			
7	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		-
	DIBP		BL		-
	Cd	BL			-
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
_	PBBs	BL			
8	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		_
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
9	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			
10	PBDEs	BL			PASS
Ī	DBP		BL		
l l l l l l l l l l l l l l l l l l l	BBP		BL		1
	DEHP		BL		1
	DIBP		BL		1
	Cd	BL			PASS
-	Pb	BL			
-	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
11	PBDEs	BL			
-	DBP		BL		-
-	BBP		BL		-
-	DEHP		BL		_
-	DIBP		BL		-
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			1
-	PBBs	BL			1
12	PBDEs	BL			PASS
-	DBP		BL		1
	BBP		BL		1
	DEHP		BL		1
	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			
10	PBBs	IN		ND	5.00
13	PBDEs	IN		ND	PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		1
	Cd	BL			-
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs	BL			
14	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
15	PBDEs	BL			PASS
-	DBP		BL		
Ē	BBP		BL		
-	DEHP		BL		
Ē	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				
16	PBDEs				PASS
-	DBP				
-	BBP				
-	DEHP				
-	DIBP				
	Cd	BL			
-	Pb	BL			
-	Hg	BL			_
-	Cr(VI)	BL			-
-	PBBs	IN		ND	_
17	PBDEs	IN		ND	- PASS
-	DBP		BL		
-	BBP		BL		-
-	DEHP		BL		-
-	DIBP		BL		_
	Cd	BL			
	Pb	BL			
	Hg	BL			
F	Cr(VI)	BL			
	PBBs	BL			
18	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		7
-	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			
-	Pb	BL			
-	Hg	BL			_
-	Cr(VI)	BL			1
-	PBBs	BL			_
20	PBDEs	BL			- PASS
-	DBP		BL		_
-	BBP		BL		-
-	DEHP		IN	119	-
-	DIBP		BL	<t< td=""><td>-</td></t<>	-
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
21	PBDEs	BL			PASS
	DBP		BL		7
-	BBP		BL		1
F	DEHP		BL		1
-	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			1
22	PBDEs	BL			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)	BL			1
-	PBBs	BL			1
24	PBDEs	BL			PASS
-	DBP		BL		1
-	BBP		BL		1
-	DEHP		BL		1
-	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			
25	PBDEs	BL			PASS
	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			_
-	Cr(VI)	BL			1
-	PBBs				-
26	PBDEs				- PASS
-	DBP				_
-	BBP				_
-	DEHP				_
-	DIBP				-
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			1
-	PBBs	BL			-
27	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]
28	PBDEs	BL			PASS
	DBP		BL		1
	BBP		BL		
	DEHP		BL		1
	DIBP		BL		-
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs				
29	PBDEs				- PASS
-	DBP				
-	BBP				1
-	DEHP				1
-	DIBP				1
	Cd	BL			
	Pb	BL			7
	Hg	BL			7
	Cr(VI)	BL			
	PBBs	BL			_ /
30	PBDEs	BL			PASS
	DBP		BL		
Ē	BBP		BL		
Ē	DEHP		BL		
F	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			
31	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
-	PBBs	BL			_
32	PBDEs	BL			- PASS
-	DBP		BL		_
-	BBP		BL		_
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
F	Cr(VI)	BL			
	PBBs	BL			
33	PBDEs	BL			PASS
	DBP		BL		
F	BBP		BL		
F	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	BL			-
-	Hg	BL			
	Cr(VI)	IN		Negative	-
	PBBs				
35 -	PBDEs				- PASS
-	DBP				_
-	BBP				_
-	DEHP				_
-	DIBP				_
	Cd	BL			
ŀ	Pb	BL			
ŀ	Hg	BL			
-	Cr(VI)	BL			1
1	PBBs	BL			
36	PBDEs	BL			PASS
-	DBP		BL		1
-	BBP		BL		7
-	DEHP		BL		7
-	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				1
37	PBDEs				PASS
-	DBP				_
-	BBP				_
-	DEHP				_
-	DIBP				_
	Cd	BL			
-	Pb	BL			-
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs				
38	PBDEs				PASS
-	DBP				-
-	BBP				_
-	DEHP				_
-	DIBP				-
	Cd	BL			
-	Pb	BL			
	Hg	BL			
F	Cr(VI)	BL			
	PBBs	BL			1
39	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
F	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				
40	PBDEs				PASS
-	DBP				
-	BBP				
-	DEHP				
-	DIBP				
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
-	PBBs	IN		ND	_
41	PBDEs	IN		ND	- PASS
-	DBP		BL		_
-	BBP		BL		-
-	DEHP		BL		-
-	DIBP		BL		-
	Cd	BL			
	Pb	BL			
	Hg	BL			
-	Cr(VI)	BL			
	PBBs	BL			
42	PBDEs	BL			PASS
	DBP		BL		1
	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				
43	PBDEs				PASS
-	DBP				_
-	BBP				_
-	DEHP				-
-	DIBP				
	Cd	BL			
-	Pb	BL			-
-	Hg	BL			_
-	Cr(VI)	BL			-
-	PBBs	BL			_
44	PBDEs	BL			– PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		_
-	DIBP		BL		_
	Cd	BL			
-	Pb	BL			
-	Hg	BL			—
-	Cr(VI)	BL			7
-	PBBs				7
45	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			
46	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			-
-	Hg	BL			_
-	Cr(VI)	BL			1
-	PBBs	BL			_
47	PBDEs	BL			- PASS
-	DBP		BL		_
-	BBP		BL		_
-	DEHP		BL		_
-	DIBP		BL		_
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
-	PBBs	BL			
48	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
F	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)	IN		Negative	-
-	PBBs				
50	PBDEs				- PASS
-	DBP				_
-	BBP				-
-	DEHP				_
-	DIBP				-
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	IN		Negative	1
-	PBBs				
51	PBDEs				PASS
-	DBP				1
-	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		
	BBP		BL		
F	DEHP		BL		
	DIBP		BL		
	Cd	BL			-
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs	BL			
53	PBDEs	BL			- PASS
-	DBP		BL		_
-	BBP		BL		_
-	DEHP		BL		_
-	DIBP		BL		-
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
[PBBs	BL			
54	PBDEs	BL			PASS
F	DBP		BL		1
F	BBP		BL		1
Ē	DEHP		BL		1
-	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			
55	PBDEs	BL			PASS
	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
50	PBBs	BL			
56	PBDEs	BL			- PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
E7	PBBs				
57	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			
58	PBDEs	BL			PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs	BL			
59	PBDEs	BL			- PASS
	DBP		BL		
	BBP		BL		
	DEHP		BL		
-	DIBP		BL		_
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
60	PBDEs				PASS
	DBP				
F	BBP				
Ē	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]
61	PBDEs				PASS
-	DBP				
-	BBP				
-	DEHP				
-	DIBP				
	Cd	BL			-
-	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
62	PBDEs				PASS
-	DBP				-
-	BBP				-
-	DEHP				-
-	DIBP				-
	Cd	BL			
	Pb	BL]
-	Hg	BL			1
-	Cr(VI)	BL			1
-	PBBs	BL			
63	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
ľ	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			
64	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			_
-	PBBs	BL			_
65	PBDEs	BL			- PASS
-	DBP		BL		_
-	BBP		BL		_
-	DEHP		BL		_
-	DIBP		BL		_
	Cd	BL			
	Pb	BL			
Ē	Hg	BL			7
Ē	Cr(VI)	BL			
-	PBBs	BL			
66	PBDEs	BL			PASS
-	DBP		IN	553	
F	BBP		BL		
-	DEHP		BL		7
-	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)	IN		Negative	
	PBBs				
67	PBDEs				PASS
-	DBP				
-	BBP				_
-	DEHP				_
-	DIBP				_
	Cd	BL			
-	Pb	BL			_
-	Hg	BL			
-	Cr(VI)	BL			
-	PBBs	BL			_
68	PBDEs	BL			- PASS
-	DBP		BL		_
-	BBP		BL		_
-	DEHP		BL		_
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
	Hg	BL			1
	Cr(VI)	BL			1
-	PBBs				1
69	PBDEs				PASS
-	DBP				1
-	BBP				1
-	DEHP				7
-	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			
70	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			_
-	Cr(VI)	IN		Negative	_
-	PBBs				_
71	PBDEs				- PASS
-	DBP				_
-	BBP				_
-	DEHP				_
-	DIBP				_
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
-	PBBs	BL			
72	PBDEs	BL			PASS
-	DBP		BL		7
-	BBP		BL		7
-	DEHP		BL		7
-	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			_
-	Cr(VI)	BL			-
-	PBBs	BL			-
74	PBDEs	BL			PASS
-	DBP		BL		_
-	BBP		BL		_
-	DEHP		BL		_
-	DIBP		BL		_
	Cd	BL			
-	Pb	BL			
	Hg	BL			1
-	Cr(VI)	BL			1
-	PBBs	BL			-
75	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			
76	PBDEs	BL			PASS
	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			_
-	Hg	BL			_
-	Cr(VI)	BL			-
-	PBBs	IN		ND	-
77	PBDEs	IN		ND	- PASS
-	DBP		BL		_
-	BBP		BL		_
-	DEHP		BL		_
-	DIBP		BL		_
	Cd	BL			
-	Pb	BL			
	Hg	BL			
-	Cr(VI)	BL			
-	PBBs	BL			
78	PBDEs	BL			PASS
-	DBP		BL		7
-	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				
79	PBDEs				PASS
-	DBP				
-	BBP				
-	DEHP				
-	DIBP				
	Cd	BL			-
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs				
80	PBDEs				PASS
-	DBP				_
-	BBP				
-	DEHP				
-	DIBP				
	Cd	BL			
-	Pb	BL			1
	Hg	BL			
	Cr(VI)	BL			
-	PBBs				
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	BL			
82	PBDEs	BL			PASS
	DBP		BL		_
	BBP		BL		
	DEHP		BL		
-	DIBP		BL		_
	Cd	BL			
-	Pb	BL			_
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs				
83	PBDEs				- PASS
-	DBP				_
-	BBP				_
-	DEHP				_
-	DIBP				_
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs				
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	BL			
	Hg	BL			
	Cr(VI)	BL			
05	PBBs	BL			
85	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
	PBBs	BL			
86	PBDEs	BL			- PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		1
-	DIBP		BL		7
	Cd	BL			
	Pb	BL			
	Hg	BL			
F	Cr(VI)	BL			
	PBBs	BL			
87	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
88	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
89	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
	PBDEs	BL			
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		
	Cd	BL			PASS
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
90	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	IN		ND	
91	PBDEs	IN		ND	PASS
	DBP		BL		
	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			1
-	Hg	BL			_
-	Cr(VI)	BL			1
-	PBBs	BL			-
92	PBDEs	BL			- PASS
-	DBP		BL		-
-	BBP		BL		-
-	DEHP		BL		-
-	DIBP		BL		-
	Cd	BL			
	Pb	BL			
	Hg	BL			
ŀ	Cr(VI)	BL			
ŀ	PBBs	BL			
93	PBDEs	BL			PASS
-	DBP		BL		1
-	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			
94	PBDEs	BL			PASS
	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			_
-	Hg	BL			_
-	Cr(VI)	BL			-
-	PBBs	BL			—
95	PBDEs	BL			– PASS
-	DBP		BL		-
-	BBP		BL		_
-	DEHP		BL		-
-	DIBP		BL		_
	Cd	BL			
-	Pb	BL			_
-	Hg	BL			
-	Cr(VI)	BL			-
-	PBBs	IN		ND	-
96	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	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
97	PBDEs	BL			PASS
-	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
-	Cr(VI)	BL			
-	PBBs	BL			
98	PBDEs	BL			- PASS
-	DBP		BL		_
-	BBP		BL		_
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
	Pb	BL			
	Hg	BL			
F	Cr(VI)	BL			
	PBBs	BL			
99	PBDEs	BL			PASS
	DBP		BL		
F	BBP		BL		1
F	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]
100	PBDEs	IN		ND	PASS
	DBP		BL		
-	BBP		BL		1
-	DEHP		BL		1
-	DIBP		BL		1
	Cd	BL			_
-	Pb	BL			
-	Hg	BL			1
-	Cr(VI)	BL			-
-	PBBs	BL			
101	PBDEs	BL			- PASS
-	DBP		BL		-
-	BBP		BL		-
-	DEHP		BL		-
-	DIBP		BL		-
	Cd	BL			
-	Pb	BL			1
-	Hg	BL			1
-	Cr(VI)	BL			1
-	PBBs				1
102	PBDEs				PASS
-	DBP				1
-	BBP				-
-	DEHP				-
-	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		27119##	
	Hg	BL			
	Cr(VI)	BL			
	PBBs				1
103	PBDEs				PASS
	DBP				
-	BBP				1
	DEHP				1
-	DIBP				1
	Cd	BL			_
-	Pb	BL			
-	Hg	BL			1
-	Cr(VI)	BL			-
-	PBBs				
104	PBDEs				- PASS
-	DBP				1
-	BBP				1
-	DEHP				-
	DIBP				-
	Cd	BL			
	Pb	BL			
	Hg	BL			
-	Cr(VI)	BL			1
-	PBBs				1
105	PBDEs				PASS
-	DBP				1
-	BBP				1
-	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			
106	PBDEs	BL			PASS
F	DBP		BL		
	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	OL		26	
-	Pb	OL		34141##	1
-	Hg	BL			_
-	Cr(VI)	BL			-
-	PBBs				
107	PBDEs				- PASS
-	DBP				-
-	BBP				-
-	DEHP				-
-	DIBP				-
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
	PBBs	BL			
108	PBDEs	BL			PASS
F	DBP		BL		
F	BBP		BL		1
Ē	DEHP		BL		1
-	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			
109	PBDEs	BL			PASS
Ī	DBP		BL		
-	BBP		BL		
-	DEHP		BL		
-	DIBP		BL		
	Cd	BL			
-	Pb	BL			
-	Hg	BL			_
-	Cr(VI)	BL			_
-	PBBs				_
110	PBDEs				- PASS
-	DBP				-
-	BBP				_
-	DEHP				-
-	DIBP				-
	Cd	BL			
	Pb	OL		31754##	
Ē	Hg	BL			1
Ē	Cr(VI)	BL			1
-	PBBs				1
111	PBDEs				PASS
-	DBP				
-	BBP				7
-	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				
112	PBDEs				PASS
-	DBP				1
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
-	Pb	BL			
-	Hg	BL			
	Cr(VI)	BL			
	PBBs				
113	PBDEs				- PASS
-	DBP				-
-	BBP				-
-	DEHP				-
-	DIBP				-
	Cd	BL			
	Pb	BL			_
	Hg	BL			
-	Cr(VI)	BL			1
	PBBs	BL			
114	PBDEs	BL			PASS
F	DBP		BL		1
ŀ	BBP		BL		1
F	DEHP		BL		1
ŀ	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				
115	PBDEs	BL			PASS	
	DBP		BL			
	BBP		BL			
-	DEHP		BL			
-	DIBP		BL		1	
	Cd	BL			1	
-	Pb	BL				
-	Hg	BL				
-	Cr(VI)	BL				
	PBBs	BL				
116	PBDEs	BL			PASS	
-	DBP		BL			
-	BBP		BL			
-	DEHP		BL		1	
-	DIBP		BL		1	
	Cd	BL				
	Pb	BL				
-	Hg	BL			1	
-	Cr(VI)	BL			1	
-	PBBs					
117	PBDEs				PASS	
-	DBP				1	
-	BBP				1	
-	DEHP				-	
-	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]	
118	PBDEs	BL			PASS	
	DBP		BL			
	BBP		BL			
-	DEHP		BL			
-	DIBP		BL			
	Cd	BL				
-	Pb	BL			-	
-	Hg	BL				
-	Cr(VI)	BL				
	PBBs	BL				
119	PBDEs	BL			PASS	
-	DBP		BL		-	
-	BBP		BL		-	
-	DEHP		BL		-	
-	DIBP		BL		-	
	Cd	BL				
	Pb	BL			1	
Ē	Hg	BL			1	
F	Cr(VI)	BL			1	
F	PBBs				1	
120	PBDEs				PASS	
-	DBP					
F	BBP				1	
-	DEHP					
F	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			
104	PBBs				
121	PBDEs				PASS
	DBP				
	BBP				
	DEHP				
	DIBP				
	Cd	BL			
	Pb	BL			
	Hg	BL			
	Cr(VI)	BL			
122	PBBs	BL			PASS
122	PBDEs	BL			PA33
	DBP		BL		
	BBP		BL		
	DEHP		BL		
	DIBP		BL		

Note:

BL = Below Limit

OL= Limit exceeded

--- = No Testing Required

mg/kg = milligram per kilogram

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.**103**, **107**, **111**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).



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 ≤ (70-3σ) < IN < (130+3σ) ≤ OL	$\begin{array}{llllllllllllllllllllllllllllllllllll$	$LOD < IN < (150+3\sigma) \le OL$
Pb	mg/kg	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	$\begin{array}{l} BL \leq (500\text{-}3\sigma) < IN < (1500\text{+}3\sigma) \\ \leq OL \end{array}$
Hg	mg/kg	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	BL ≤ (700-3σ) < IN < (1300+3σ) ≤ OL	$\begin{array}{l} BL \leq (500\text{-}3\sigma) < IN < (1500\text{+}3\sigma) \\ \leq OL \end{array}$
Br	mg/kg	BL ≤ (300-3σ) < IN		BL ≤ <i>(250-</i> 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



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

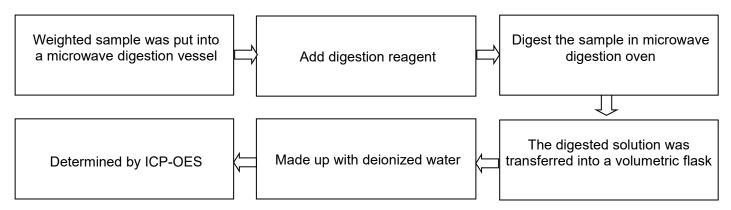
Restricted substances	Cd	Pb	Hg	Cr(VI)	PBBs	PBDEs	BBP	DBP	DEHP	DIBP
MDL	10	10	10		100	100	100	100	100	100
RoHS limit	100	1000	1000	1000	1000	1000	1000	1000	1000	1000

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

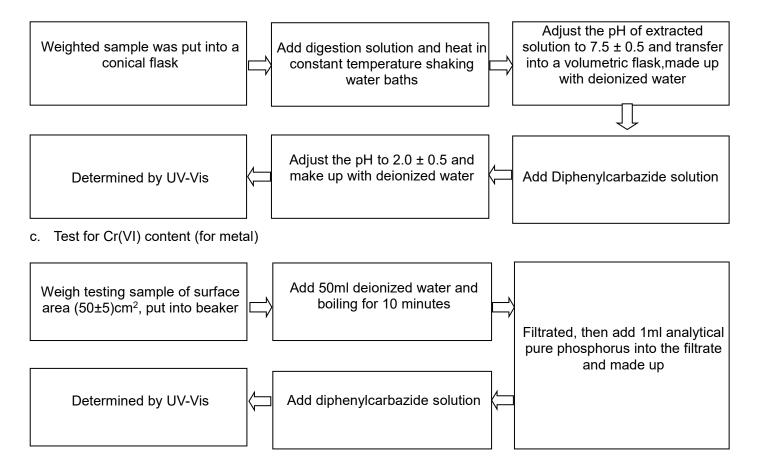


4. Measurement Flowchart

a. Test for Cd / Pb /Hg contents)



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



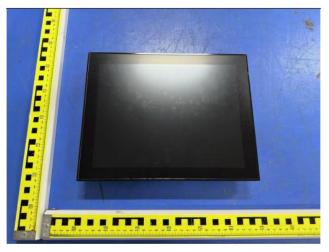


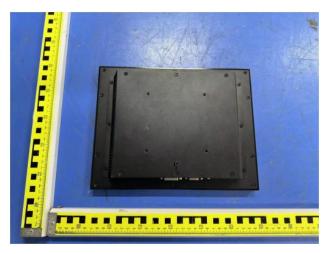
Report No.: DH2024080011 Date: Sept. 02, 2024 Page 51 of 55 d. Test for PBBs,PBDEs,DBP,BBP,DEHP,DIBP Weighted sample was put into a thimble Extracted by solvent in Soxhlet extractor Concentrate the extract Determined by GC-MS Made up with organic solvent Transfer the extract into a volumetric flask



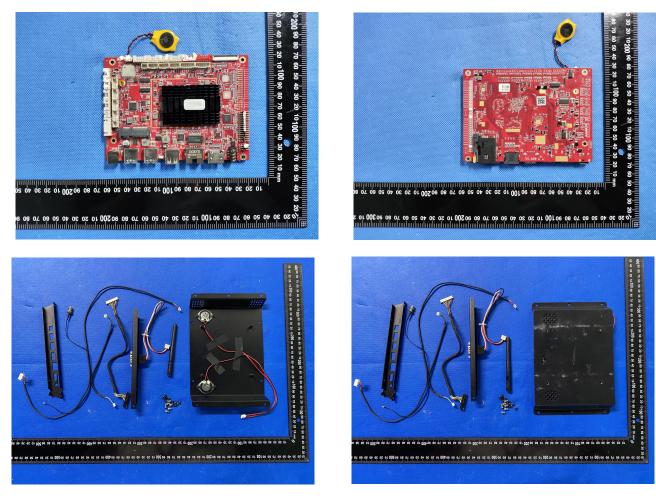
5. Photo(s) of the sample(s)

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





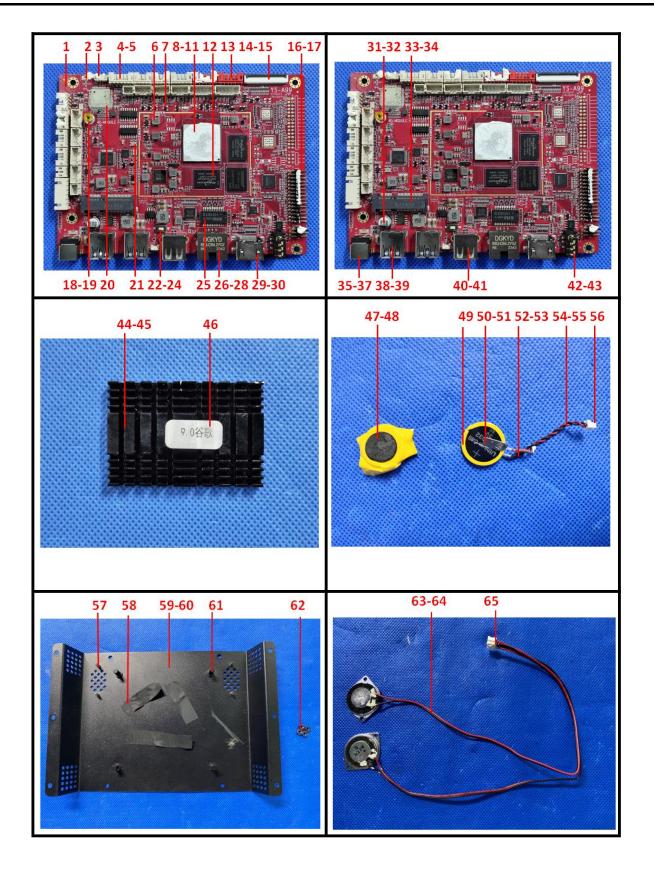
Sample Photo:



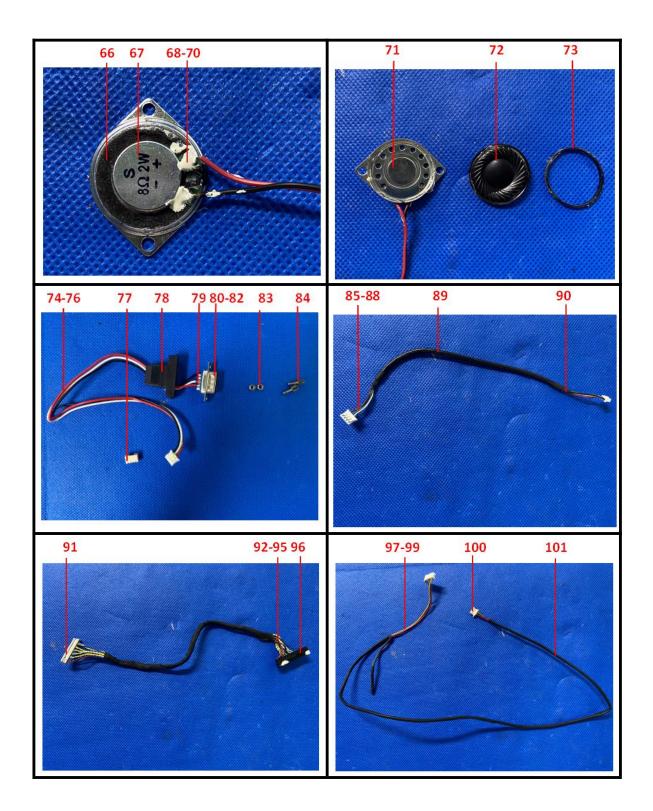
Ding Hua International Certification (Shenzhen) Co. LTD

E-mail: dhia@dhia.com.cn



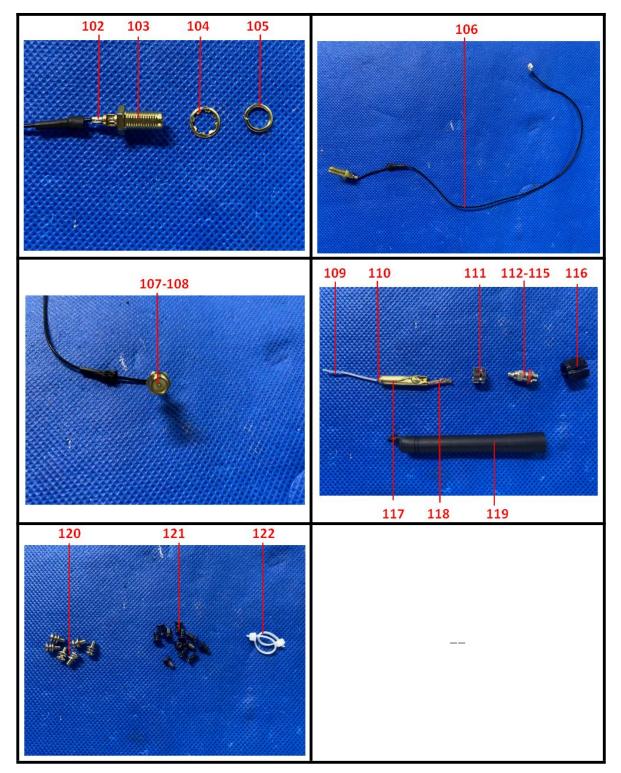








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The results of this report apply only to samples received, Without written authorization, any copy of this report for propaganda is invalid.End of Report.....

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