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Applicant Company Name: Nebra Ltd

Applicant Company Address: Unit 4 Bells Yew Green Business Court, Bells Yew Green, Tunbridge Wells,

East Sussex, TN3 9BJ

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Name

Nebra Indoor LoRa Gateway ROCK Pi 4 Version / Nebra Indoor Helium Hotspot

ROCK Pi 4 Version

NEBHNT-HHRK4-433, NEBHNT-HHRK4-470, NEBHNT-HHRK4-868, NEBHNT-HHRK4-915, NEBHNT-HHRK4-433-2, NEBHNT-HHRK4-470-2,

NEBHINI-HIRK4-910, NEBHINI-HIRK4-433-2, NEBHINI-HIRK4-470-2,

Model No. . . . NEBHNT-HHRK4-868-2,NEBHNT-HHRK4-915-2, NEBHNT-HHRK4-433-3, NEBHNT-HHRK4-470-3,NEBHNT-HHRK4-868-3, NEBHNT-HHRK4-915-3,

NEBHNT-HHRK4-433-3, NEBHNT-HHRK4-470-3, NEBHNT-HHRK4-868-3,

NEBHNT-HHRK4-915-3

Sample Receiving Date : February 25, 2022

Testing Period : From February 25, 2022 to March 03, 2022

Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST CONCLUSION

EU RoHS Directive 2011/65/EU and its amendment directives 2015/863/EU (RoHS 2.0)

Shenzhen Deesev Testing International Corp

Approved by:

lab manager

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Results:

1. EU RoHS Directive 2011/65/EU and its amendment directives on XRF

Test method: With reference to IEC 62321-3-1:2013, Screening by X-ray Fluorescence Spectroscopy (XRF)

Seq.	Tested Part(s)	Results					
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br	
1	Black Plastic Sheet	BL	BL	BL	BL	BL	
012	Double Faced Adhesive Tape	BL	BL	BL	BL	BL	
3	Black Coating	BL	BL	BL	BL	BL	
4	Metal Case Substrate	BL	BL	BL	BL	N/A	
5	Gold Metal Nut	Χ	BL	BL	BL	N/A	
6	Grey Silica Gel	BL	BL	BL	BL	BL	
7	White Coating	BL	BL	BL	BL	BL	
8	Metal Case Substrate	BL	BL	BLO	BL	N/A	
9	Transparent Plastic Light Guide	BL	BL	BL	BL	BL	
10	Metal Case Substrate	BL	BL	BL	BL	N/A	
11	Silver Metal Case	BL	BL	BL	BL	N/A	
12	Grey Silica Gel	BL	BL	BL	BL	BL	
13	Brown Silica Gel	BL	BL	BL	BL	BL	
14 🧐	Gold Metal Screw	X	BL	BL	BL	N/A	
15	Gold Metal Needle	X	BL	BL	BL	N/A	
16	Internal White Plastic	BL	BL	BL	BL	BL	
17	Solder Point	BL	BL	BL	BL	N/A	
18	Black Heat Shrink Tube Sleeve	BL	BL	BL	BL	BL	
19	Black Plastic Wire Outer Skin	BL	BL	BL	BL	BL	
20	Wire Internal Metal Wire	BL	BL®	BL	BL	N/A	

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Seq.	Tested Part(s)	Results					
No.	l ested Part(s)	Pb	Cd	Hg	Cr	Br	
21	Gold Metal Terminal	BL	BL	BL	BL	N/A	
22	Gold Metal Gasket	BL	BL	BL	BL	N/A	
23	Gold Metal Nut	X	BL	BL	BL	N/A	
24	Gold Metal Circlip	BL	BL	BL	BL	N/A	
25	Gold Metal Screw	X	BL	BL	BL	N/A	
26	Silver Metal Screw	BL	BL	BL	BL	N/A	
27	Black Metal Screw	BL	BL	BL	BL	N/A	
28	Black Plastic Cover	BL	BL	BL	BL	BL	
29	White Plastic Ring	BL	BL	BL	BL	BL	
30	PCB	BL	BL	BL	BL	X	
31	Solder Point	BL	BL	BLO	BL	N/A	
32	Silver Metal Sheet	BL	BL	BL	BL	N/A	
33	Black Plastic Case	BL	BL	BL	BL	BL	
34	Beige Plastic Button	BL	BL	BL	BL®	BL	
35	Black Ceramic Body Chip	BL	BL	BL	BL	BL	
36	Patch Resistor	BL	BL	BL	BL	BL	
37 💇	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL	
38	Patch Diode	BL	BL	BL	BL	BL	
39	Triode	BL	BL	BL	BL	BL	
40	Crystal Oscillator	BL	BL	BL	BL	N/A	

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Seq.	Tested Part(s)	Results					
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br	
41	Silver Metal Case	BL	BL	BL	BL	N/A	
42	Fiberboard	BL	BL	BL	BL	BLO	
43	Black Plastic Shell	BL	BL	BL	BL	BL	
44	Gold Metal Needle	BL	BL	BL	BL	N/A	
45	Silver Metal Case	BL	BL	BL	Χ	N/A	
46	Black Plastic Case	BL	BL	BL	BL	BL	
47	Gold Metal Needle	BL	BL	BL	BL	N/A	
48	Patch Coil Inductor	BL	BL	BL	BL	BL	
49	Copper Winding	BL	BL	BL	BL	N/A	
50	Silver Metal Sheet	BL	BL	BL	X	N/A	
51	Black Plastic Shell	BL	BL	BLO	BL	BL	
52	Black Plastic Button	BL	BL	BL	BL	BL	
53	Silver Metal Sheet	BL	BL	BL	Х	N/A	
54	Yellow Plastic Sticker	BL	BL	BL	BL®	BL	
55	Beige Plastic Case	BL	BL	BL	BL	X	
56	Silver Metal Needle	BL	BL	BL	BL	N/A	
57 🧐	Beige Plastic Case	BL	BL	BL	BL	BL	
58	Black Plastic Cover	BL	BL	BL	BL	Х	
59	Silver Metal Needle	BL	BL	BL	BL	N/A	
60	PCB (Micro)	BL	BL	BL	BL	BL	

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Seq.	Tested Part(s)	Results					
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br	
61	Solder Point	BL	BL	BL	BL	N/A	
62	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL	
63	Patch Resistor	BL	BL	BL	BL	BL	
64	Red Coating	BL	BL	BL	BL	BL	
65	Yellow Coating	BL	BL	BL	BL	BL	
66	Green Coating	BL	BL	BL	BL	BL	
67	Blue Coating	BL	BL	BL	BL	BL	
68	Plastic Case Substrate	BL	BLOT	BL	BL	X	
69	Gold Metal Needle	BL	BL	BL	BL	N/A	
70	Silver Metal Case	BL	BL	BL	BL	N/A	
71	Internal Black Plastic	BL	BL	BLO	BL	BL	
72	Silver Metal Needle	BL	BL	BL	BL	N/A	
73	Silver Metal Case	BL	BL	BL	X	N/A	
74	Internal Blue Plastic	BL	BL	BL	BL®	X	
75	Silver Metal Needle	BL	BL	BL	BL	N/A	
76	Silver Metal Case	BL	BL	BL	BL	N/A	
77 🧐	Internal Black Plastic	BL	BL	BL	BL	X	
78	Gold Metal Needle	BL	BL	BL	BL	N/A	
79	Toroid Inducto	BL	BL	BL	BL	BL	
80	Copper Winding	BL	BL	BL	BL	N/A	

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Seq.	Tested Part(s)	Results					
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br	
81	PCB	BL	BL	BL	BL	X	
82	Solder Point (51)	BL	BL	BL	BL	N/A	
83	Yellow LED	BL	BL	BL	BL	BL	
84	Green LED	BL	BL	BL	BL	BL	
85	Gold Metal Case	X	BL	BL	BL	N/A	
86	Black Plastic Shell	BL	BL	BL	BL	BL	
87	Gold Metal Terminal	BL	BL	BL	BL	N/A	
88	Silver Metal Case	BL	BLOT	BL	BL	N/A	
89	Internal Black Plastic	BL	BL	BL	BL	BL	
90	Silver Metal Needle	BL	BL	BL	BL	N/A	
91	Patch Coil Inductor	BL	BL	BLO	BL	BL	
92	Copper Winding	BL	BL	BL	BL	N/A	
93	Silver Metal Case	BL	BL	BL	X	N/A	
94	Internal Black Plastic	BL	BL	BL	BL®	BL	
95	Silver Metal Needle	BL	BL	BL	BL	N/A	
96	PCB	BL	BL	BL	BL	X	
97 🧐	Solder Point (1)	BL	BL	BL	BL	N/A	
98	Gold Metal Socket	BL	BL	BL	BL	N/A	
99	Black Ceramic Body Chip	BL	BL	BL	BL	BL	
100	Patch Resistor	BL	BL	BL	BL	BL	

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Seq.	OTH OTH OTH OTH OTH	Results					
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br	
101	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL	
102	Crystal Oscillator	BL	BL	BL	BL	N/A	
103	Gold Metal Sheet	BL	BL	BL	BL	N/A	
104	PCB	BL	BL	BL	BL	X	
105	Solder Point (51)	BL	BL	BL	BL	N/A	
106	Black Plastic Case	BL	BL	BL	BL	X	
107	Silver Metal Needle	BL	BL	BL	BL	N/A	
108	Black Plastic Case	BL	BLO	BL	BL	BL	
109	Gold Metal Needle	BL	BL	BL	BL	N/A	
110	Black Plastic Case	BL	BL	BL	BL	BL	
111	Gold Metal Needle	BL	BL	BLO	BL	N/A	
112	Black Plastic Cover	BL	BL	BL	BL	X	
113	Internal Silver Metal	BL	BL	BL	BL	N/A	
114	Black Plastic Case	BL	BL	BL	BL®	BL	
115	Silver Metal Case	BL	BL	BL	BL	N/A	
116	Black Plastic Button	BL	BL	BL	BL	BL	
117	Copper Sheet	BL	BL	BL	BL	N/A	
118	Black Ceramic Body Chip	BL	BL	BL	BL	BL	
119	Patch Resistor	BL	BL	BL	BL	BL	
120	Multiplayer Ceramic Chip Capacitors	BLO	BL	BL	BL	BL	

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Seq.	Tested Part(s)	Results					
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br	
121	Triode	BL	BL	BL	BL	BL	
122	Black Plastic Shell	BL	BL	BL	BL	BLO	
123	Yellow LED	BL	BL	BL	BL	BL	
124	Green LED	BL	BL	BL	BL	BL	
125	Gold Metal Pin	BL	BL	BL	BL	N/A	
126	Black Plastic Case	BL	BL	BL	BL	X	
127	Gold Metal Terminal	BL	BL	BL	BL	N/A	
128	Black Plastic Case	BL	BLO	BL	BL	BL	
129	Gold Metal Case	X	BL	BL	BL	N/A	
130	Internal White Plastic	BL	BL	BL	BL	BL	
131	Gold Metal Needle	BL	BL	BLO	BL	N/A	
132	Silver Metal Case	BL	BL	BL	BL	N/A	
133	Silver Metal Mesh	BL	BL	BL	BL	N/A	
134	Pink Heat Shrink Tube Sleeve	BL	BL	BL	BL®	BL	
135	White Plastic Wire Outer Skin	BL	BL	BL	BL	BL	
136	Wire Internal Metal Wire	BL	BL	BL	BL	N/A	
137	Black Soft Plastic	BL	BL	BL	BL	BL	
138	Black Plastic Case	BL	BL	BL	BL	BL	
139	Gold Metal Tube	BL	BL	BL	BL	N/A	
140	Solder Point	BL	BL	BL	BL	N/A	

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Seq.	' I DSTAN PARTIS	(DTI)	(1	Results	s (D)	0
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br
141	Gold Metal Tube	BL	BL	BL	BL	N/A
142	Internal White Soft Plastic	BL	BL	BL	BL	BLO
143	Black Plastic Case	BL	BL	BL	BL	BL
144	Black Plastic Cover	BL	BL	BL	BL	BL
145	Silver Metal Plug	Χ	BL	BL	BL	N/A
146	Black Plastic Sheet	BL	BL	BL	BL	BL
147	Black Plastic Cover	BL	BL	BL	BL	BL
148	Silver Metal Plug	BL	BLOT	BL	BL	N/A
149	Black Plastic Wire Outer Skin	BL	BL	BL	BL	BL
150	Wire Internal Metal Wire	BL	BL	BL	BL	N/A
151	PCBOTIL OTIL OTIL OTIL OTIL	BL	BL	BLO	BL	X
152	Solder Point	BL	BL	BL	BL	N/A
153	Black Ceramic Body Chip	BL	BL	BL	BL	BL
154	Patch Resistor	BL	BL	BL	BL®	BL
155	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL
156	Patch Diode	BL	BL	BL	BL	BL
157	Triode (III) (III) (III) (III) (III) (III) (III)	BL	BL	BL	BL	BL
158	Electrolytic Capacitor Outer Layer Plastic Leather	BL	BL	BL	BL	BL
159	Electrolytic Capacitor Silver Metal Case	BL	BL	BL	BL	N/A
160	Electrolytic Capacitor Internal Sticker	BL	BL	BL	BL	BL

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Seq.	[DTI] [DTI] [DTI] [DTI] [DTI]	(DTI)	(1	Results	6 (D)	D
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br
161	Silver Metal Pin	BL	BL	BL	BL	N/A
162	Blue Ceramic Capacitors	BL	BL	BL	BL	BLO
163	Silver Metal Pin	BL	BL	BL	BL	N/A
164	Electrolytic Capacitor Silver Metal Case	BL	BL	BL	BL	BL
165	Electrolytic Capacitor Internal Sticker	BL	BL	BL	BL	BL
166	Silver Metal Pin	BL	BL	BL	BL	N/A
167	Yellow Plastic Sticker	BL	BL	BL	BL	BL
168	Black Square Magnetic Ring	BL	BL	BL	BL	BL
169	Transformer Ceramic Frame	BL	BL	BL	BL	BL
170	Transformer Copper Winding	BL	BL	BL	BL	N/A
171	Silver Metal Pin	BL	BL	BL	BL	N/A
172	White Viscose	BL	BL	BL	BL	BL
173	Toroid Inductor	BL	BL	BL	BL	BL
174	Copper Winding	BL	BL	BL	BL®	N/A
175	Silver Metal Case	BL	BL	BL	BL	N/A
176	Black Ceramic Capacitors	BL	BL	BL	BL	BL
177	Silver Metal Pin	BL	BL	BL	BL	N/A
178	Black Plastic Case	BL	BL	BL	BL	BL
179	Silver Metal Fuse	BL	BL	BL	BL	N/A
180	Safety Gauge Capacitance	BLO	BL	BL	BL	X

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Seq.	Total Ports	(DTI)	(1	Results	s OT	7)
No.	Tested Part(s)	Pb	Cd	Hg	Cr	Br
181	Silver Metal Pin	BL	BL	BL	BL	N/A
182	Silver Metal Frame	BL	BL	BL	Х	N/A
183	Yellow Plastic Sticker	BL	BL	BL	BL	BL
184	Black Square Magnetic Ring	BL	BL	BL	BL	BL
185	Transformer Ceramic Frame	BL	BL	BL	BL	BL
186	Transformer Copper Winding	BL	BL	BL	BL	N/A
187	Silver Metal Pin	BL	BL	BL	BL	N/A
188	Black Soft Plastic	BL	BLOT	BL	BL	BL
189	Silver Metal Case	BL	BL	BL	Х	N/A
190	Internal Black Plastic	BL	BL	BL	BL	BL
191	Silver Metal Needle	BL	BL	BLO	BL	N/A
192	РСВ	BL	BL	BL	BL	Х
193	Solder Point	BL	BL	BL	BL	N/A
194	Black Plastic Wire Outer Skin	BL	BL	BL	BL®	BL
195	Red Plastic Wire Outer Skin	BL	BL	BL	BL	BL
196	Wire Internal Metal Wire	BL	BL	BL	BL	N/A
197	Black Plastic Skin	BL	BL	BL	BL	BL
198	Black Plastic Fasteners	BL	BL	BL	BL	BL

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Remark:

(1) Results were obtained by XRF for primary screening, and further chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GC-MS (for PBBs, PBDEs) are recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013.

Element	Unit	Non-metal	Metal	Composite Material
Cd	mg/kg	BL≤70-3σ< X <130+3σ≤OL	BL≤70-3σ< X <130+3σ≤OL	BL≤50-3σ< X <150+3σ≤OL
Pb	mg/kg	BL≤700-3σ< X <1300+3σ≤OL	BL≤700-3σ< X <1300+3σ≤ OL	BL≤500-3σ< X <1500+3σ≤OL
Hg	mg/kg	BL≤700-3σ< X <1300+3σ≤OL	BL≤700-3σ< X <1300+3σ≤OL	BL≤500-3σ< X <1500+3σ≤OL
Cr	mg/kg	BL≤700-3σ< X	BL≤700-3σ< X	BL≤500-3σ< X
Br	mg/kg	BL≤300-3σ< X		BL≤250-3σ< X

Note:

BL = Below Limit

OL = Over Limit

X = Inconclusive

N/A = Not Applicable

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

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(3) The maximum permissible limit is quoted from the document 2011/65/EU and its amendment directives 2015/863/EU:

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

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2. The Test Results of Chemical Method:

Test method:

Lead, Cadmium, Mercury Content:

With reference to IEC 62321-5:2013 and IEC62321-4:2013+AMD1:2017, by acid digestion and analysis was performed by Inductively Coupled Plasma- Atomic Emission Spectrophotometer (ICP-AES)

Hexavalent Chromium Content (For metal material):

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

Hexavalent Chromium Content (For non-metal material):

With reference to IEC 62321-7-2:2017, by alkaline digestion and analysis was performed by UV-visible spectrophotometer (UV-Vis)

PBBs & PBDEs Content:

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

DEHP, BBP, DBP&.DIBP content:

With reference to IEC 62321-8:2017 by solvent extraction and analysis was performed by gas chromatographic -mass spectrometer (GC-MS)

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1) The test results of Cr (VI)

lt a m	l lmi4	MDL	Results							
(brillem	Unit	MDL	45	50	53 🧐	73 🧑	93 🧭	Limit		
Hexavalent Chromium (Cr (VI)) (Metal material)	μg/cm ²	1	Negative	Negative	Negative	Negative	Negative	#		
Conclusion	/	1	Pass	Pass	Pass	Pass	Pass	1		

(pri)	DTO Hair	OTI	Dril (Dril Re	sults of	(Dříl)
Item	Item Unit M	MDL	182	189	Limit
Hexavalent Chromium (Cr (VI)) (Metal material)	μg/cm ²	1	Negative	Negative	#
Conclusion	/	/	Pass	Pass	/
oril (oril	DTI	(DTI)	(DTI) (DTI)	DTII DTII DTII	OTI

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- Negative= Sample Cr(VI) concentration is less than 0.10 μg/cm²
 Positive = Sample Cr(VI) concentration is greater than 0.13 μg/cm²
- #=

Positive indicates the presence of Cr(VI) on the tested areas and the test results are considered to be incompatible with Directive 2011/65/EU (RoHS 2.0) requirement.

Negative indicates the absence of Cr(VI) on the tested areas and the test results are considered to be consistent with Directive 2011/65/EU (RoHS 2.0) requirement.

- mg/kg = ppm

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2) The test results of Pb

ltom	l lmi4	Unit MDL		Results						
Item	Unit	MIDL	5^	14^	15^	23^	Limit			
Lead(Pb)	mg/kg	2	14326	15079	12451	13508	≤1000			
Conclusion	/	/	Pass	Pass	Pass	Pass	/			

lt a m	Unit	MDI		Limit			
Item	Unit	Unit MDL	25^	85^	129^	145^	Limit
Lead(Pb)	mg/kg	2 01	12816	16702	16915	10963	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- ^= the weight of lead in the copper alloy does not exceed 4%(40000ppm).

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3) The test results of PBBs & PBDEs

Itam	l lmi4	MDL			Results			Limit
Item	Unit	MDL	30	55	58	68	74	Limit
Polybrominated Biphenyls (PBBs)								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl	_ mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	Y
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Heptabromobiphenyl	mg/kg	5 🧐	N.D.	N.D.	N.D.	N.D.	N.D.	(DTI)
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	0 / 00
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Polybrominated Diphenylethers (PBI	DEs)(Mon	-Deca)						
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	h
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	(0)
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Pentabromodiphenyl ether	mg/kg	501	N.D.	N.D.	N.D.	N.D.	N.D.	(DT1) / (F
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	OTI
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	101	/	Pass	Pass	Pass	Pass	Pass	(0,1)

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Shenzhen Deesev Testing International Corp. 深圳市德泽威技术检测有限公司



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ALI OINT NO DIIDWZUZZUZUS	<u> </u>		Date. 20	JZZ-03-0.	,		ıας	Je 10 01 34
Item (1)	Unit	MDL		113	Results			Limit
meni (pro (pro (pro	Onio	WIDL	77	81	96	104	106	Ellill
Polybrominated Biphenyls (PBBs)								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	OTI) / (0
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	҈N.D.	N.D.	N.D.	STI
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	(0)111
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Polybrominated Diphenylethers (PB	DEs)(Mon	-Deca)						
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	(1)
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Heptabromodiphenyl ether	mg/kg	501	N.D.	N.D.	N.D.	N.D.®	N.D.	(0)10 1 (
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	(ofi)
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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to OTI OTI OTI	Unidor	MDL	DTI	DTI	Results	711	OTI	Limit
Item	Unit	MIDL	112	126	151	180	192	Limit
Polybrominated Biphenyls (PBBs)								
Monobromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	60 / 6
Dibromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Tribromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Pentabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	V.
Hexabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Octabromobiphenyl	mg/kg	5 (N.D.	N.D.	N.D.	N.D.	N.D.	(DTI) /
Nonabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Total content	mg/kg	(1)	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Polybrominated Diphenylethers (PB	DEs)(Mon	-Deca)						
Monobromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Dibromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	(0)
Tetrabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromodiphenyl ether	mg/kg	501	N.D.	N.D.	N.D.	N.D.	N.D.	DTII /
Heptabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	(170)
Decabromodiphenyl ether	mg/kg	5	N.D.	N.D.	N.D.	N.D.	N.D.	1
Total content	mg/kg	/	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	1	/	Pass	Pass	Pass	Pass	Pass	_/

Note:

N.D. = Not Detected or less than MDL

Shenzhen Deesev Testing International Corp.

- mg/kg = ppm
- MDL = Method Detection Limit

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4) The test results of DEHP, BBP, DBP & DIBP

Item	I Imit	MDI			Limit			
item (pri) (pri)	Unit	MDL	1 (2	3	6011	7	OTIL
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/ori	1	Pass	Pass	Pass	Pass	Pass	(170)

Itom	Unit	MDL			Limit			
Item	Ofil	OTI	9 01	12	13	16	18	3
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	1	1	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL			Limit			
nem	Onit	WIDL	19	28	29	30	33	Lillin
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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ltem		MDL	OTIL	OTI	- Limit			
item	Unit	MIDL	34	35	36	37	38	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item (pri) (pri)	n (oTi)	MDL	10	oril	Limit			
item	Unit	MIDL	39	42	43	46	48	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	1	1	Pass	Pass	Pass	Pass	Pass	

Item of of of of	I India	MDI	\		Results			1 haris
	Unit	MDL	51	52	54	55	57	≤1000 ≤1000 ≤1000
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	101	1	Pass	Pass	Pass	Pass	Pass	(OFI)

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Item	Unit	MDI	DTII	(DTI)	Results	(1)	DTI	Limit
	Unit	MDL	58	60	62	63	64	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item (pri) (pri)	OTI	MDI	11)	OTI	Results)	oril	OTI
	Unit	MDL	65	66	67	68	71	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	1	1	Pass	Pass	Pass	Pass	Pass	1

Item [pri] [pri]	1164	MDI	1	-FI)	Results	/4	1	1) has is
	Unit	MDL	74	77	79	81	83	≤1000 ≤1000 ≤1000 ≤1000
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	101	1	Pass	Pass	Pass	Pass	Pass	(OZII)

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Item		MDL	OTI	(DTI)	Results	(1)	OTI	Limit
	Unit	MDL	84	86	89	91	94	Liiiiit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item (DTI) (DTI)	. OTI	MDI	11)	OTI	Results)	oril	(571)
	Unit	MDL	96	99	100	101	104	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	1	1	Pass	Pass	Pass	Pass	Pass	1

Item [pri] [pri]	I India	MDL	\		Results			A Danie
	Unit	MDL	106	108	110	112	114	Limit ≤1000 ≤1000 ≤1000 ≤1000
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	101) /	Pass	Pass	Pass	Pass	Pass	OFIL

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Item (pt)	Unit	MDL	OTI	(DTI)	Results	(1)	(DTI)	(DTI)
	Onit	MIDL	116	118	119	120	121	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item (DTI) (DTI)	OTI	MDI	(1)	OTI	Results)	oril	OTI
	Unit	MDL	122	123	124	126	128	Limit ≤1000 ≤1000 ≤1000 ≤1000
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	1	1	Pass	Pass	Pass	Pass	Pass	/

Item of lot of l	Hait	MDI	\		Results			1
	Unit	MDL	130	134	135	137	138	Limit ≤1000 ≤1000 ≤1000 ≤1000
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	101	1	Pass	Pass	Pass	Pass	Pass	(OFI)

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Item		MDI	OTI	(DTI)	Results		OTI	(DTI)
	Unit	MDL	142	143	144	146	147	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item (DTI) (DTI)	n (oTi)	MDI	10	OTI	Results		oril	(OTI)
	Unit	MDL	149	151	153	154	155	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	1	1	Pass	Pass	Pass	Pass	Pass	

Item of li	Unit M	MDI	\		1 Insta			
Item [pri]		Unit MDL	156	157	158	160	162	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	101	1	Pass	Pass	Pass	Pass	Pass	(OFI)

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Item (DTI)	Unit	MDL	OTI	OTI				
			164	165	167	168	169	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Hom (DTI) (DTI) (DTI)	(ori	MDI (0	10	OTI				
Item	Unit MDL	MIDL	172	173	176	178	180	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	1	1	Pass	Pass	Pass	Pass	Pass	

Item of li	Unit	MDI	\		Alleria.			
Item 6111 6111		MDL	183	184	185	188	190	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	101	1	Pass	Pass	Pass	Pass	Pass	(OFI)

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Item	07	MDI	Results					OTI
	Unit	MDL	192	194	195	197	198	Limit
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Note:

- N.D. = Not Detected or less than MDL
- mg/kg = ppm
- MDL = Method Detection Limit
- Decision rule: According to DTI-CX-39-2020 《Decision rule for conformity of the test results》

- Flow chart appendix is included.
- Photo appendix is included.

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(pri) (pri) (pri)

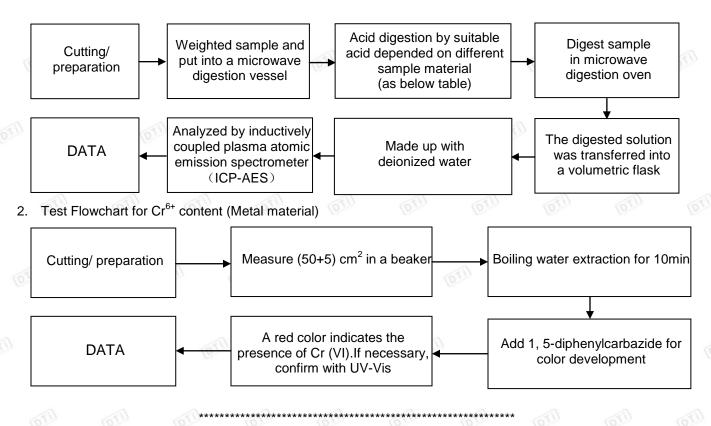


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Appendix I

Test Flow chart

Test Flowchart for Cd / Pb /Hg content
 These samples were dissolved totally by pre-conditioning method according to below flow chart.



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REPORT No.: DTIBW20220259-3 Date: 2022-03-03 Page 29 of 34 3. Test Flowchart for Cr⁶⁺ content (Non-metal material) Adjust the pH of Add digestion solution and Weighted sample extracted solution to Cutting/ and put into a heat in constant temperature 7.5 ± 0.5 and transfer preparation conical flask shaking water baths into a volumetric flask Made up with Analyzed by UV-vis Adjust the pH to 2.0 ± 0.5 and deionized water; add DATA (540nm) make up with deionized water Diphenylcarbazide solution Test Flowchart for PBBs & PBDEs content Add organic solvent and Concentrated/ Cutting/ Weight sample and extracted by place in a thimble dilute extracted solution preparation Ultrasonic method Cool, cleanup solution Concentrated extracted Make up with organic solvent ◀ Data Analyzed by GC-MS solution 5. Test Flowchart for DEHP, BBP, DBP & DIBP content Add organic solvent and Cutting/ Weight sample and Concentrated/ extracted by place in a thimble dilute extracted solution preparation Ultrasonic method Cool, cleanup solution Analyzed by GC-MS Make up with organic solvent ◀ Concentrated extracted Data solution

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Table:

Sample material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCI, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCI
Others	Any acid to total digestion

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Appendix II

Photograph of Sample



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*** End of Report ***

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