



TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 1 of 34

Applicant Company Name:Zhejiang Moovi Technology Co., Ltd

Applicant Company Address:No.287, Lingshi Road, West Industry Zone, 321302 YongKang, Zhejiang China

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

Sample Name : Electric Boat
 Model No. : V1
 Manufacturer : Zhejiang Moovi Technology Co., Ltd
 Manufacturer Address : No.287, Lingshi Road, West Industry Zone, 321302 YongKang, Zhejiang China
 Sample Receiving Date : October 24, 2025;November 05, 2025
 Testing Period : From October 24, 2025 to October 30, 2025;
 : From November 05, 2025 to November 11, 2025
 Results : Please refer to next page(s).

Summary of Test Results:

TEST REQUEST

CONCLUSION

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

Pass

Shenzhen Deesev Testing International Corp.

Approved by: Tommy Jiang
Tommy Jiang / Lab Manager

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 2 of 34

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. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
1	Black Translucent Plastic Cover	BL	BL	BL	BL	BL
2	Black Plastic Cover	BL	BL	BL	BL	BL
3	Green Plastic Case	BL	BL	BL	BL	BL
4	Black Sponge	BL	BL	BL	BL	BL
5	Black Plastic Case	BL	BL	BL	BL	BL
6	Silver Metal Frame	BL	BL	BL	BL	N/A
7	Black Plastic Cover	BL	BL	BL	BL	BL
8	Black Plastic Frame	BL	BL	BL	BL	BL
9	Black Soft Plastic	BL	BL	BL	BL	BL
10	Black Coating	BL	BL	BL	BL	BL
11	Metal Case Substrate	BL	BL	BL	BL	N/A
12	Terminal Black Plastic	BL	BL	BL	BL	BL
13	Terminal Silver Metal Needle	BL	BL	BL	BL	N/A
14	PCB	BL	BL	BL	BL	X
15	White Plastic	BL	BL	BL	BL	BL
16	Black Plastic Case	BL	BL	BL	BL	BL
17	Black Metal Sheet	BL	BL	BL	BL	N/A
18	Yellow Viscose	BL	BL	BL	BL	BL
19	Terminal White Plastic	BL	BL	BL	BL	BL
20	Terminal Silver Metal Needle	BL	BL	BL	BL	N/A

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 3 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
21	Transparent Viscose	BL	BL	BL	BL	BL
22	Black Ceramic Body Chip	BL	BL	BL	BL	BL
23	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL
24	Patch Resistor	BL	BL	BL	BL	BL
25	White Plastic Case	BL	BL	BL	BL	BL
26	Silver Metal Needle	BL	BL	BL	BL	N/A
27	Triode	BL	BL	BL	BL	BL
28	Patch Diode	BL	BL	BL	BL	BL
29	LED	BL	BL	BL	BL	BL
30	Patch Coil Inductor	BL	BL	BL	BL	BL
31	Copper Winding	BL	BL	BL	BL	N/A
32	Electrolytic Capacitor Outer Layer Plastic Leather	BL	BL	BL	BL	BL
33	Electrolytic Capacitor Silver Metal Case	BL	BL	BL	BL	N/A
34	Electrolytic Capacitor Internal Sticker	BL	BL	BL	BL	BL
35	Silver Metal Pin	BL	BL	BL	BL	N/A
36	Patch Coil Inductor	BL	BL	BL	BL	BL
37	Copper Winding	BL	BL	BL	BL	N/A
38	Silver Metal Sheet	BL	BL	BL	BL	N/A
39	PCB	BL	BL	BL	BL	X
40	Black Viscose	BL	BL	BL	BL	BL

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 4 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
41	Electrolytic Capacitor Outer Layer Plastic Leather	BL	BL	BL	BL	BL
42	Electrolytic Capacitor Silver Metal Case	BL	BL	BL	BL	N/A
43	Electrolytic Capacitor Internal Sticker	BL	BL	BL	BL	BL
44	Silver Metal Pin	BL	BL	BL	BL	N/A
45	PCB	BL	BL	BL	BL	X
46	Black Ceramic Body Chip	BL	BL	BL	BL	BL
47	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL
48	Patch Resistor	BL	BL	BL	BL	BL
49	Patch Coil Inductor	BL	BL	BL	BL	BL
50	Copper Winding	BL	BL	BL	BL	N/A
51	Triode	BL	BL	BL	BL	BL
52	Patch Diode	BL	BL	BL	BL	BL
53	Transparent Plastic Film	BL	BL	BL	BL	BL
54	Black Plastic Patch	BL	BL	BL	BL	BL
55	Beige Plastic Case	BL	BL	BL	BL	BL
56	Digital tube	BL	BL	BL	BL	BL
57	Silver Metal Pin	BL	BL	BL	BL	N/A
58	PCB	BL	BL	BL	BL	X
59	Black Ceramic Body Chip	BL	BL	BL	BL	BL
60	Multiplayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 5 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
61	Patch Resistor	BL	BL	BL	BL	BL
62	Patch Diode	BL	BL	BL	BL	BL
63	MCPCB	BL	BL	BL	BL	N/A
64	Multilayer Ceramic Chip Capacitors	BL	BL	BL	BL	BL
65	Patch Resistor	BL	BL	BL	BL	BL
66	Terminal Black Plastic	BL	BL	BL	BL	BL
67	Terminal Silver Metal Needle	BL	BL	BL	BL	N/A
68	Metal Cover Substrate	BL	BL	BL	BL	N/A
69	Grey Metal Case	BL	BL	BL	BL	N/A
70	Metal Sheet Substrate	BL	BL	BL	BL	N/A
71	Black Plastic Case	BL	BL	BL	BL	BL
72	Black Plastic Fan Blade	BL	BL	BL	BL	BL
73	Silver Metal Nut	BL	BL	BL	BL	N/A
74	Silver Metal	BL	BL	BL	BL	N/A
75	Black Soft Plastic	BL	BL	BL	BL	BL
76	Copper Metal	BL	BL	BL	BL	N/A
77	White Label	BL	BL	BL	BL	BL
78	Black Plastic	BL	BL	BL	BL	BL
79	Black Plastic Skin	BL	BL	BL	BL	BL
80	White Paper	BL	BL	BL	BL	BL

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 6 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
81	Black Plastic Wire Outer Skin	BL	BL	BL	BL	BL
82	Red Plastic Wire Outer Skin	BL	BL	BL	BL	BL
83	White Plastic Wire Outer Skin	BL	BL	BL	BL	BL
84	Pink Plastic Wire Outer Skin	BL	BL	BL	BL	BL
85	Purple Plastic Wire Outer Skin	BL	BL	BL	BL	BL
86	Brown Plastic Wire Outer Skin	BL	BL	BL	BL	BL
87	Grey Plastic Wire Outer Skin	BL	BL	BL	BL	BL
88	Wire Internal Metal Wire	BL	BL	BL	BL	N/A
89	Black Plastic Wire Outer Skin	BL	BL	BL	BL	BL
90	Red Plastic Wire Outer Skin	BL	BL	BL	BL	BL
91	Wire Internal Metal Wire	BL	BL	BL	BL	N/A
92	Black Plastic Wire Outer Skin	BL	BL	BL	BL	BL
93	Red Plastic Wire Outer Skin	BL	BL	BL	BL	BL
94	Blue Plastic Wire Outer Skin	BL	BL	BL	BL	BL
95	Yellow Plastic Wire Outer Skin	BL	BL	BL	BL	BL
96	Wire Internal Metal Wire	BL	BL	BL	BL	N/A
97	Black Plastic Case	BL	BL	BL	BL	BL
98	Black Viscose	BL	BL	BL	BL	BL
99	Black Plastic Skin	BL	BL	BL	BL	BL
100	Black Plastic Wire Outer Skin	BL	BL	BL	BL	BL

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 7 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
101	Red Plastic Wire Outer Skin	BL	BL	BL	BL	BL
102	Wire Internal Metal Wire	BL	BL	BL	BL	N/A
103	Red Plastic Case	BL	BL	BL	BL	BL
104	Black Plastic	BL	BL	BL	BL	BL
105	Silver Metal Magnet	BL	BL	BL	BL	N/A
106	Red Soft Plastic	BL	BL	BL	BL	BL
107	Silver Metal Sheet	BL	BL	BL	BL	N/A
108	Black Plastic Hook	BL	BL	BL	BL	BL
109	Black Plastic Shaft	BL	BL	BL	BL	BL
110	Black Plastic Buckle	BL	BL	BL	BL	BL
111	Black Plastic Case	BL	BL	BL	BL	BL
112	Silver Metal Frame	BL	BL	BL	BL	N/A
113	Silver Metal Cover	BL	BL	BL	BL	N/A
114	White Plastic	BL	BL	BL	BL	BL
115	White Lubricating Oil	BL	BL	BL	BL	BL
116	Silver Metal Case	BL	BL	BL	BL	N/A
117	Silver Metal Shaft	BL	BL	BL	BL	N/A
118	Silver Metal Bearing	BL	BL	BL	BL	N/A
119	Silver Metal Base	BL	BL	BL	BL	N/A
120	Black Metal Washer	BL	BL	BL	BL	N/A

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 8 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
121	Black Metal Calipers	BL	BL	BL	BL	N/A
122	Silver Metal Washer	BL	BL	BL	BL	N/A
123	Black Plastic Case	BL	BL	BL	BL	BL
124	Black Plastic Cover	BL	BL	BL	BL	BL
125	Red Soft Plastic	BL	BL	BL	BL	BL
126	Silver Metal	BL	BL	BL	BL	N/A
127	Black Plastic Case	BL	BL	BL	BL	BL
128	Silver Metal Sheet	BL	BL	BL	BL	N/A
129	Silver Metal Shaft	BL	BL	BL	BL	N/A
130	Black Plastic Cover	BL	BL	BL	BL	BL
131	Black Metal Screw	BL	BL	BL	BL	N/A
132	Silver Metal Nut	BL	BL	BL	BL	N/A
133	Silver Metal Shaft	BL	BL	BL	BL	N/A
134	White Plastic	BL	BL	BL	BL	BL
135	Silver Metal	BL	BL	BL	BL	N/A
136	Beige Plastic	BL	BL	BL	BL	BL
137	Black Soft Plastic	BL	BL	BL	BL	BL
138	Silver Metal Nut	BL	BL	BL	BL	N/A
139	Black Plastic Case	BL	BL	BL	BL	BL
140	Black Plastic Nut	BL	BL	BL	BL	BL

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 9 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
141	Black Metal Screw	BL	BL	BL	BL	N/A
142	White Plastic	BL	BL	BL	BL	BL
143	Silver Metal Shaft	BL	BL	BL	BL	N/A
144	Silver Metal Bearing	BL	BL	BL	BL	N/A
145	Black Plastic Case	BL	BL	BL	BL	BL
146	Black Soft Plastic	BL	BL	BL	BL	BL
147	Black Plastic Button	BL	BL	BL	BL	BL
148	Silver Metal Square Plug	BL	BL	BL	BL	N/A
149	Silver Metal Screw	BL	BL	BL	BL	N/A
150	Silver Metal Washer	BL	BL	BL	BL	N/A

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 10 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
151	Metal Sheet Substrate	BL	BL	BL	BL	N/A
152	Silver Metal Screws	BL	BL	BL	BL	N/A
153	Black Plastic Cover	BL	BL	BL	BL	BL
154	Black Plastic Cover	BL	BL	BL	BL	BL
156	Blue Viscose	BL	BL	BL	BL	BL
157	Black Heat Shrink Tube Sleeve	BL	BL	BL	BL	BL
158	Silver Metal Sheet	BL	BL	BL	BL	N/A
159	Copper Wire	BL	BL	BL	BL	N/A
160	Silver Metal Sheet	BL	BL	BL	BL	N/A
161	Silver Metal Shaft	BL	BL	BL	BL	N/A
162	Black Plastic Cover	BL	BL	BL	BL	BL
163	Black Plastic Cover	BL	BL	BL	BL	BL
164	Black Metal Sheet	BL	BL	BL	BL	N/A
165	White Plastic	BL	BL	BL	BL	BL
166	Silver Metal Shaft	BL	BL	BL	BL	N/A
167	Silver Metal Gears	BL	BL	BL	BL	N/A
169	Solder Point	BL	BL	BL	BL	N/A
170	Black Ceramic Body Chip	BL	BL	BL	BL	BL

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 11 of 34

Seq. No.	Tested Part(s)	Results				
		Pb	Cd	Hg	Cr	Br
171	Patch Diode	X	BL	BL	BL	BL
172	Transparency Viscose	BL	BL	BL	BL	BL
173	Solder Point	BL	BL	BL	BL	N/A
174	Coppery Metal Sheet	BL	BL	BL	BL	N/A
175	Black Plastic Cover	BL	BL	BL	BL	BL
176	Black Plastic Case	BL	BL	BL	BL	BL
178	Black Soft Plastic Ring	BL	BL	BL	BL	BL
179	Silver Metal Nut	BL	BL	BL	BL	N/A
180	Silver Metal Screws	BL	BL	BL	BL	N/A

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 12 of 34

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	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 70 - 3\sigma < X < 130 + 3\sigma \leq OL$	$BL \leq 50 - 3\sigma < X < 150 + 3\sigma \leq OL$
Pb	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Hg	mg/kg	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 700 - 3\sigma < X < 1300 + 3\sigma \leq OL$	$BL \leq 500 - 3\sigma < X < 1500 + 3\sigma \leq OL$
Cr	mg/kg	$BL \leq 700 - 3\sigma < X$	$BL \leq 700 - 3\sigma < X$	$BL \leq 500 - 3\sigma < X$
Br	mg/kg	$BL \leq 300 - 3\sigma < X$	--	$BL \leq 250 - 3\sigma < X$

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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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 13 of 34

(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
Polybrominate ddiphenylethers (PBDEs)	≤1000
Di-2-ethylhexyl phthalate (DEHP)	≤1000
Benzyl-n-butyl phthalate (BBP)	≤1000
Di-n-butyl phthalate (DBP)	≤1000
Di-iso-butyl phthalate (DIBP)	≤1000

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 14 of 34

2、 The Test Results of Chemical Method:

Test method:

Lead, Cadmium, Mercury Content:

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

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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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 15 of 34

1) The test results of Pb

Item	Unit	MDL	Results	Limit
			171	
Lead(Pb)	mg/kg	2	11073*	≤1000
Conclusion	/	/	Pass	/

Note:

- ND = Not Detected
- MDL = Method Detection Limit
- mg/kg = ppm
- *=According to the declaration from the client, Lead (Pb) in the sample is exempted by EU RoHS Directive 2011/65/EU based on 7(c)-I:Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors.

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 16 of 34

2) The test results of PBBs & PBDEs

Item	Unit	MDL	Results				Limit
			14	39	45	58	
Polybrominated Biphenyls (PBBs)							
Monobromobiphenyl	mg/kg	5	ND	ND	ND	ND	/
Dibromobiphenyl	mg/kg	5	ND	ND	ND	ND	/
Tribromobiphenyl	mg/kg	5	ND	ND	ND	ND	/
Tetrabromobiphenyl	mg/kg	5	ND	ND	ND	ND	/
Pentabromobiphenyl	mg/kg	5	ND	ND	ND	ND	/
Hexabromobiphenyl	mg/kg	5	ND	ND	ND	ND	/
Heptabromobiphenyl	mg/kg	5	ND	ND	ND	ND	/
Octabromobiphenyl	mg/kg	5	ND	ND	ND	ND	/
Nonabromodiphenyl	mg/kg	5	ND	ND	ND	ND	/
Decabromodiphenyl	mg/kg	5	ND	ND	ND	ND	/
Total content	mg/kg	/	ND	ND	ND	ND	≤1000
Polybrominated Diphenylethers (PBDEs)(Mon-Deca)							
Monobromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Dibromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Tribromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Pentabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Hexabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Heptabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Octabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Nonabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Decabromodiphenyl ether	mg/kg	5	ND	ND	ND	ND	/
Total content	mg/kg	/	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	/

Note:

- ND = Not Detected
- mg/kg = ppm
- MDL = Method Detection Limit

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 17 of 34

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

Item	Unit	MDL	Results					Limit
			1	2	3	4	5	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			7	8	9	10	12	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			14	15	16	18	19	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 18 of 34

Item	Unit	MDL	Results					Limit
			21	22	23	24	25	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			27	28	29	30	32	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			34	36	39	40	41	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 19 of 34

Item	Unit	MDL	Results					Limit
			43	45	46	47	48	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			49	51	52	53	54	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			55	56	58	59	60	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 20 of 34

Item	Unit	MDL	Results					Limit
			61	62	64	65	66	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			71	72	75	77	78	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			79	80	81	82	83	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 21 of 34

Item	Unit	MDL	Results					Limit
			84	85	86	87	89	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			90	92	93	94	95	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			97	98	99	100	101	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 22 of 34

Item	Unit	MDL	Results					Limit
			103	104	106	108	109	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			110	111	114	115	123	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			124	125	127	130	134	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 23 of 34

Item	Unit	MDL	Results					Limit
			136	137	139	140	142	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			145	146	147	153	154	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results					Limit
			156	157	162	163	165	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 24 of 34

Item	Unit	MDL	Results					Limit
			170	171	172	175	176	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	ND	ND	ND	ND	≤1000
Conclusion	/	/	Pass	Pass	Pass	Pass	Pass	/

Item	Unit	MDL	Results	Limit
			178	
Di-2-ethylhexyl phthalate (DEHP)	mg/kg	30	ND	≤1000
Benzyl-n-butyl phthalate (BBP)	mg/kg	30	ND	≤1000
Di-n-butyl phthalate (DBP)	mg/kg	30	ND	≤1000
Di-iso-butyl phthalate (DIBP)	mg/kg	30	ND	≤1000
Conclusion	/	/	Pass	/

Note:

- ND = Not Detected
- 0.1%=1000mg/kg
- mg/kg = ppm
- MDL = Method Detection Limit
- The customer selects the testing site, and the chemical testing conclusion only applies to the selected part.
- Decision rule: According to DTI-CX-39 《Decision rule for conformity of the test results》
- Flow chart appendix is included.
- Photo appendix is included.

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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

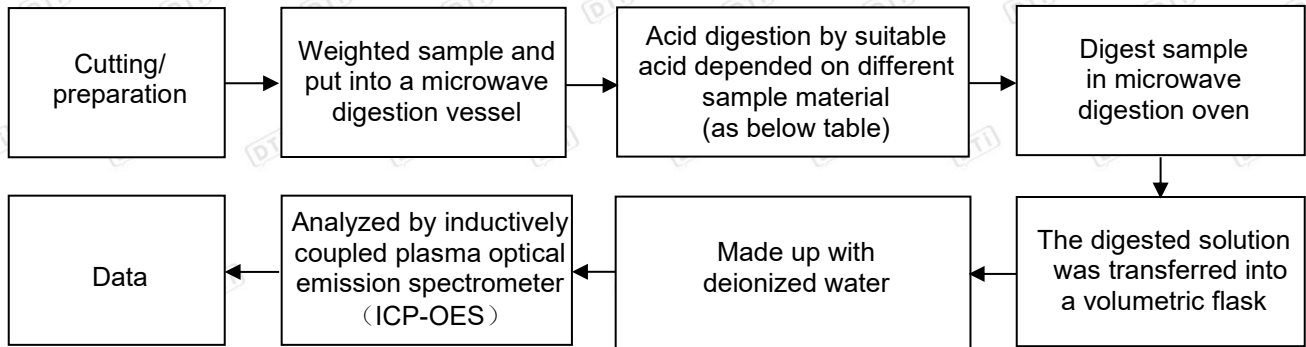
Page 25 of 34

Appendix I

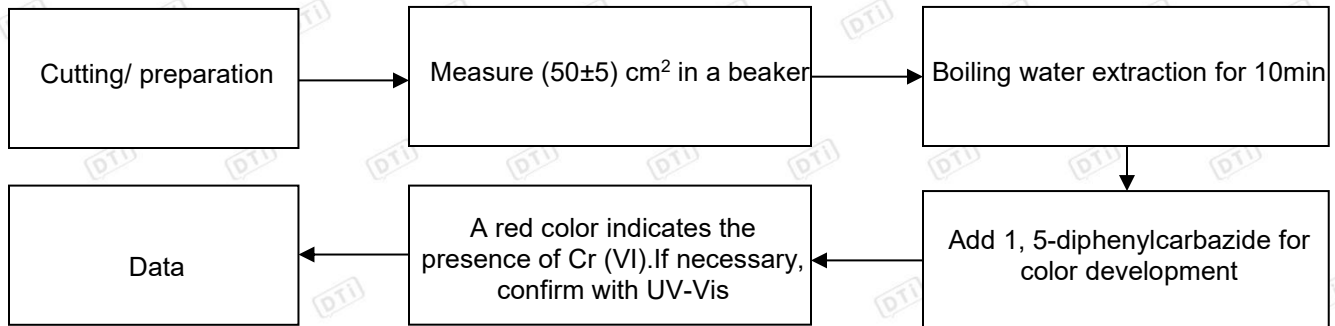
Test Flow chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.

1. Test Flowchart for Cd / Pb /Hg content



2. Test Flowchart for Cr⁶⁺ content (Metal material)



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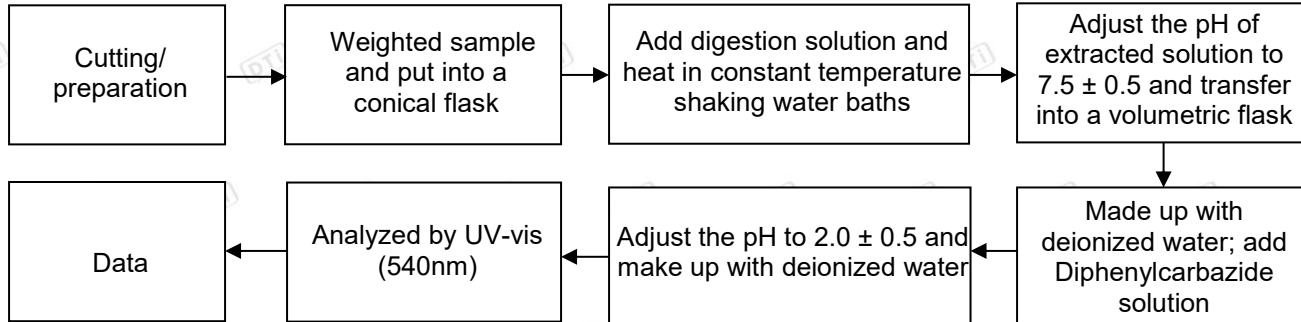
TEST REPORT

REPORT No.:DTI2025EE061024-1A

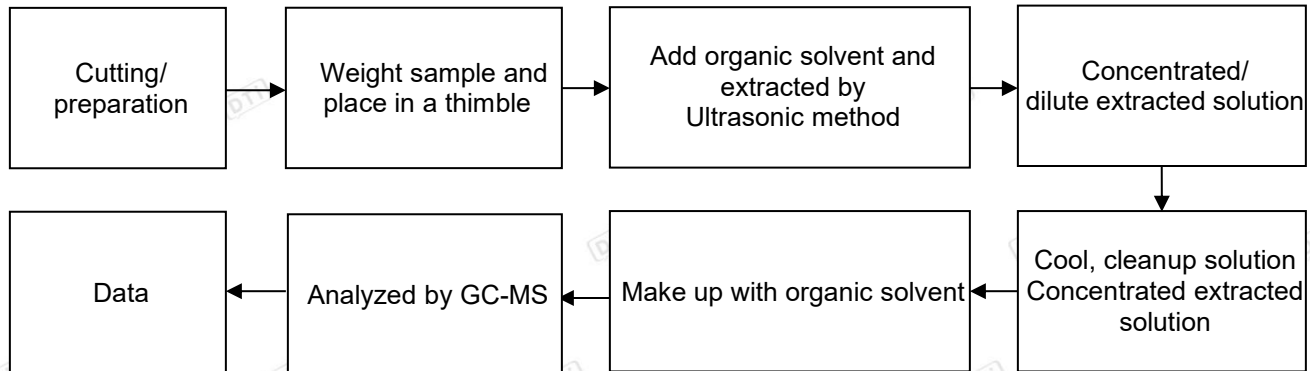
Date: 2025-11-11

Page 26 of 34

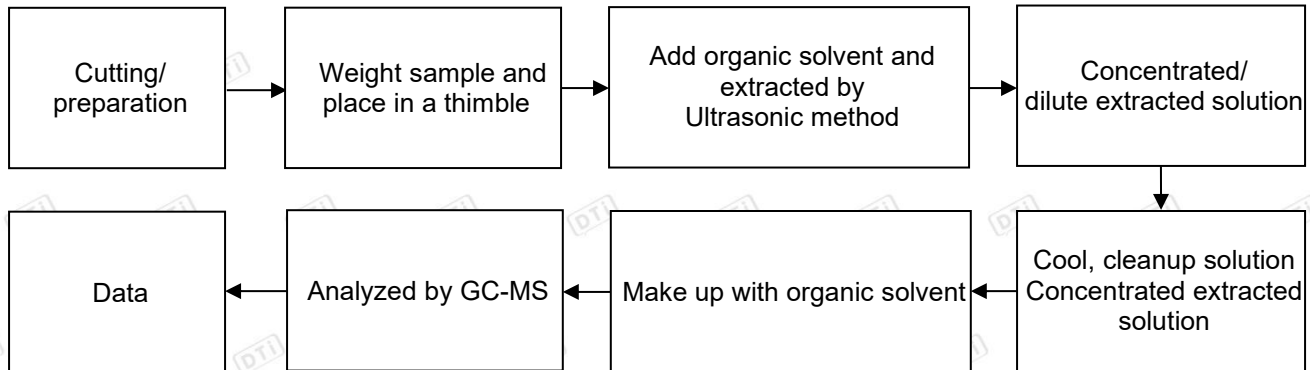
3. Test Flowchart for Cr⁶⁺ content (Non-metal material)



4. Test Flowchart for PBBs & PBDEs content



5. Test Flowchart for DEHP, BBP, DBP & DIBP content



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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 27 of 34

Table:

Sample material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, 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 , HCl

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Tel: +86-755-32936716 E-mail: DTI@deesev.cn URL: www.deesev.com



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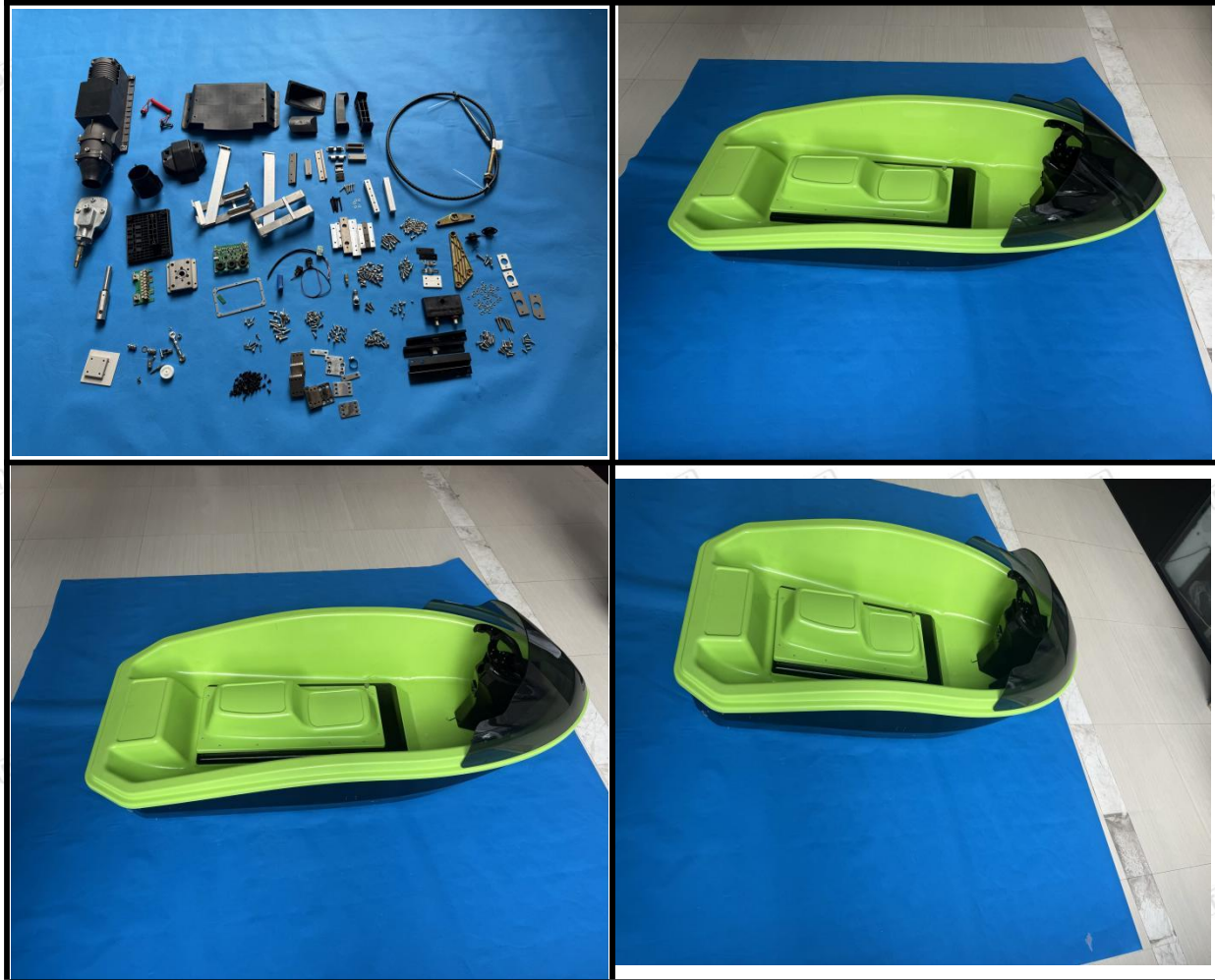
REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 28 of 34

Appendix II

Photograph of Sample



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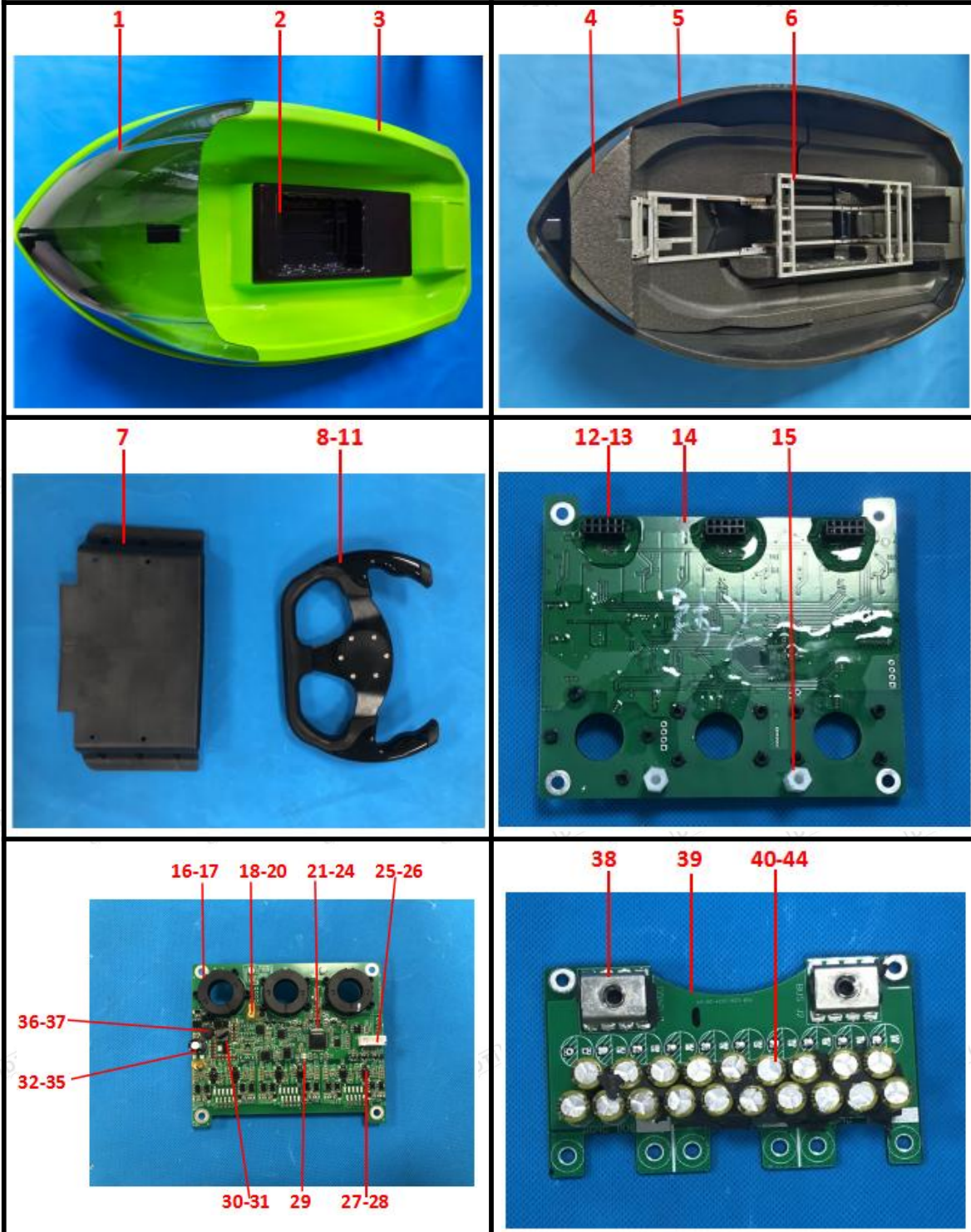
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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 29 of 34



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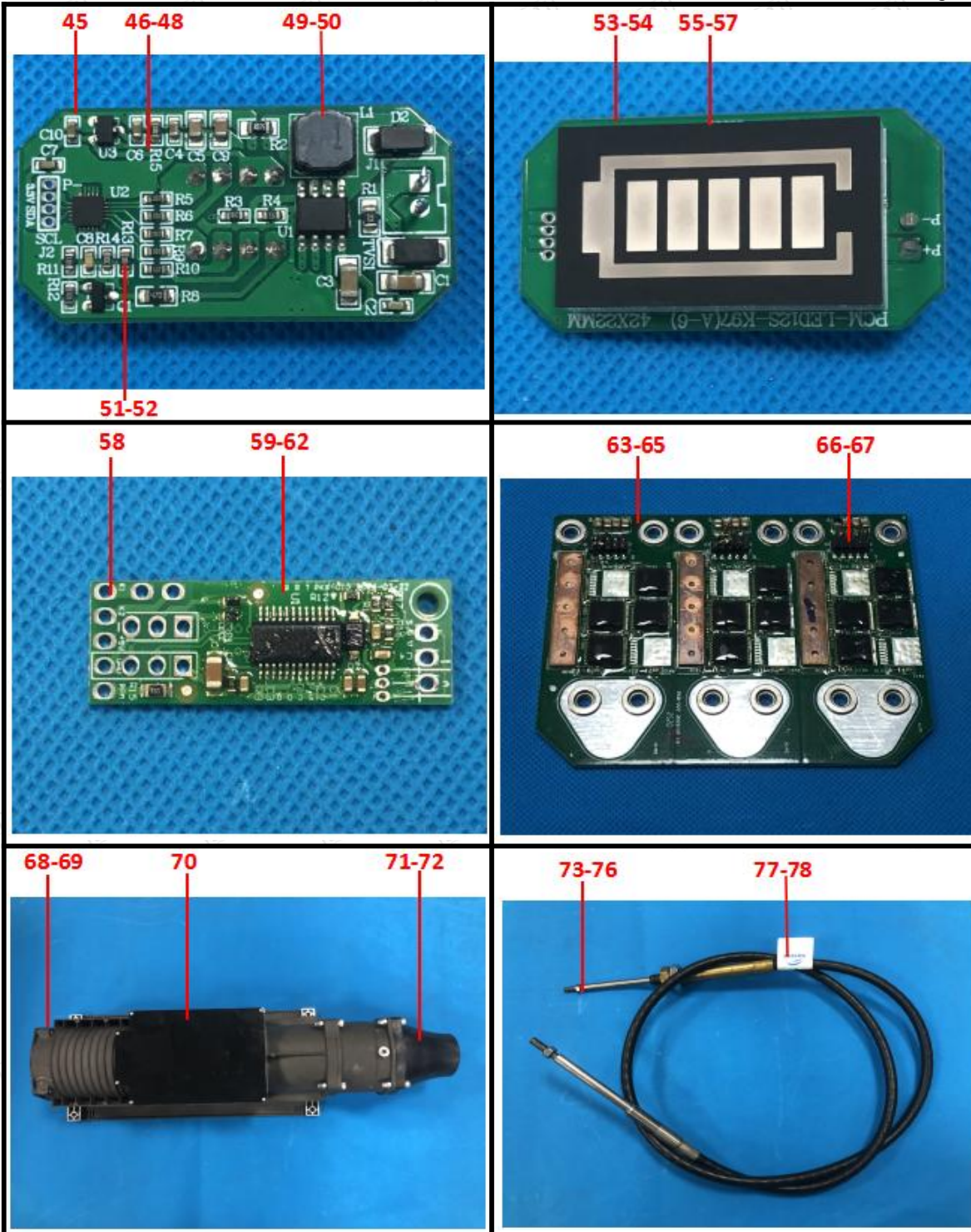


TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 30 of 34



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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 31 of 34



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TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 32 of 34



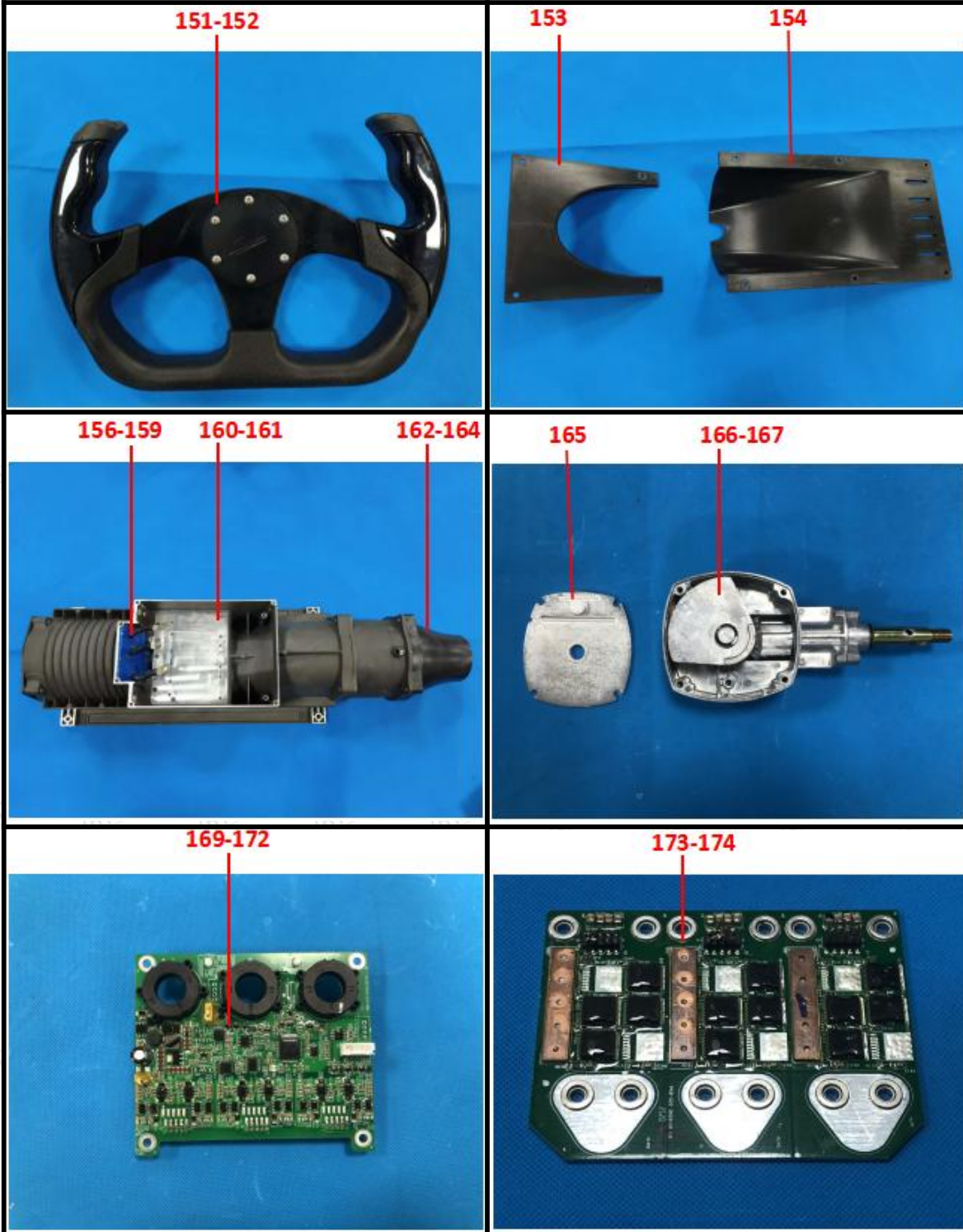
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Page 33 of 34



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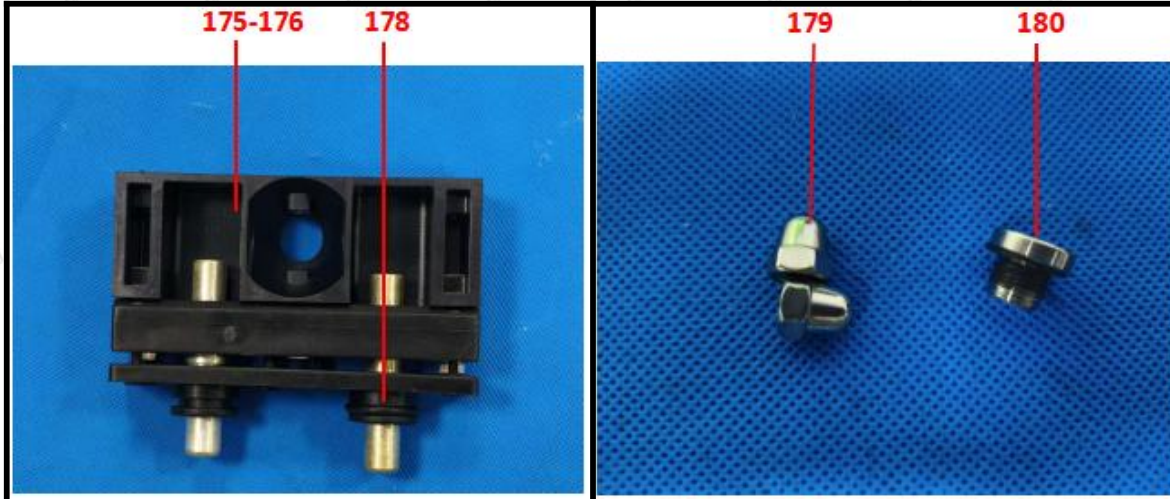


TEST REPORT

REPORT No.:DTI2025EE061024-1A

Date: 2025-11-11

Page 34 of 34



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