

Test Report

Client	:	Wuxi Fengrui New Energy Power Battery Co., Ltd.
Address	:	No. 5 Jingxin Road, Xibei Town, Xishan District, Wuxi City

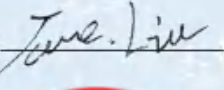
The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client

Sample Name	:	Rack-Mounted LFP Battery Module
Model/P.O. No.	:	FJ48100
Manufacturer	:	Wuxi Fengrui New Energy Power Battery Co., Ltd.
Received Date	:	Jul 07, 2025
Test Period	:	Jul 07, 2025~Jul 17, 2025
Test Requested	:	EU RoHS 2011/65/EU and 2015/863/EU

Conclusion

-	Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr ⁶⁺)	PASS
-	Polybromobiphenyls (PBBs) & Polybromodiphenyl ethers (PBDEs)	PASS
-	DBP, BBP, DEHP, DIBP	PASS

For Further Details, Please Refer To the Following Page(s)

Approved by: 

Date: Jul 30, 2025



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Test Method

Test Item(s)	Test Method	Equipment	MDL
Pb, Cd, Hg, Cr, Br	IEC 62321-3-1:2013	XRF	5mg/kg
Pb, Cd	IEC 62321-5:2013	ICP-OES	5mg/kg
Hg	IEC 62321-4:2013+AMD1:2017	ICP-OES	5mg/kg
Cr ⁶⁺	IEC 62321-7-2:2017	UV-Vis	5mg/kg
	IEC 62321-7-1:2015		0.10µg/cm ²
PBBs & PBDEs	IEC 62321-6:2015	GC-MS	5mg/kg
DBP, BBP, DEHP, DIBP	IEC 62321-8:2017	GC-MS	30mg/kg

Test Result(s)

- Screening test results

Test items	1	2	3	4	5	6	7	8	9
Pb	D	P	D	P	P	P	P	D	P
Cd	D	P	P	P	P	P	P	D	P
Hg	P	P	P	P	P	P	P	P	P
Cr	P	P	D	P	P	P	P	P	P
Br	/	P	/	P	/	P	P	/	P
Conclusion	D	P	D	P	P	P	P	D	P

Test items	10	11	12	13	14	15	16	17	18
Pb	P	P	P	D	P	P	P	P	D
Cd	P	P	P	D	P	P	P	P	P
Hg	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	P	P
Br	P	P	/	/	P	P	/	P	/
Conclusion	P	P	P	D	P	P	P	P	D

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Test items	19	20	21	22	23	24	25	26	27	28
Pb	P	P	P	D	P	P	P	D	P	P
Cd	P	P	P	P	P	P	P	D	P	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	P	P	D
Br	P	P	P	/	P	P	P	/	P	/
Conclusion	P	P	P	D	P	P	P	D	P	D

Test items	29	30	31	32	33	34	35	36	37	38
Pb	P	P	P	P	P	P	P	P	P	P
Cd	P	P	P	P	P	P	P	P	P	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	D	P	P
Br	/	P	D	D	D	D	D	/	D	D
Conclusion	P	P	D	D	D	D	D	D	D	D

Test items	39	40	41	42	43	44	45	46	47	48
Pb	D	P	D	P	P	P	P	P	P	P
Cd	P	P	D	P	P	P	P	P	P	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	D	D	P	P	P	P	P	D	D
Br	/	/	/	P	P	/	P	P	/	/
Conclusion	D	D	D	P	P	P	P	P	D	D

Test items	49	50	51	52	53	54	55	56	57	58
Pb	P	D	P	P	P	P	P	P	P	P
Cd	P	P	P	P	P	P	P	P	P	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	D	P	P	P	P	P	P	P	P
Br	/	/	P	P	P	P	P	P	P	/
Conclusion	P	D	P	P	P	P	P	P	P	P

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Test items	59	60	61	62	63	64	65	66	67	68
Pb	P	P	P	P	P	P	P	P	P	P
Cd	P	P	P	P	P	P	P	P	P	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	P	P	P
Br	/	D	D	D	D	/	D	/	/	D
Conclusion	P	D	D	D	D	P	D	P	P	D

Test items	69	70	71	72	73	74	75	76	77	78
Pb	P	P	P	P	P	P	P	P	D	P
Cd	P	P	P	P	P	P	P	P	D	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	P	P	P
Br	/	P	/	/	P	D	/	/	/	P
Conclusion	P	P	P	P	P	D	P	P	D	P

Test items	79	80	81	82	83	84	85	86	87	88
Pb	P	P	P	P	P	P	P	P	D	P
Cd	P	P	P	P	P	P	P	P	P	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	D	P	P	P	P	P	P	P	D	P
Br	/	P	P	/	D	D	D	D	/	D
Conclusion	D	P	P	P	D	D	D	D	D	D

Test items	89	90	91	92	93	94	95	96	97	98
Pb	D	P	P	D	P	D	P	P	P	P
Cd	D	P	P	P	P	P	P	P	P	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	D	P	P	P	P
Br	/	P	P	/	/	/	D	P	P	P
Conclusion	D	P	P	D	P	D	D	P	P	P

Test items	99	100	101	102	103	104	105	106	107	108
Pb	P	D	P	P	P	P	P	P	P	P
Cd	P	P	P	P	P	P	P	P	P	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	P	P	P
Br	P	/	P	P	P	P	P	P	P	P
Conclusion	P	D	P	P	P	P	P	P	P	P

Test items	109	110	111	112	113	114	115	116	117	118
Pb	P	P	P	D	P	P	P	P	D	D
Cd	P	P	P	D	P	P	P	P	D	P
Hg	P	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	P	P	P
Br	P	P	/	/	/	/	/	P	/	/
Conclusion	P	P	P	D	P	P	P	P	D	D

Note:

- It is the result on total Br while testing PBBs and PBDEs by XRF. It is the result on total Cr while testing Hexavalent Chromium by XRF.
- Results are obtained by XRF for primary screening, and chemical testing by ICP (for Cd, Pb, Hg), UV-Vis (for Cr(VI)) and GCMS (for PBBs, PBDEs) is recommended to be performed, if the concentration exceeds the below warning value according to IEC 62321-3-1:2013 (unit: mg/kg)

Element	Polymer	Metal	Composite Materials
Cd	$P \leq 70 - 3\sigma < D < 130 + 3\sigma \leq F$	$P \leq 70 - 3\sigma < D < 130 + 3\sigma \leq F$	$P \leq 50 - 3\sigma < D < 150 + 3\sigma \leq F$
Pb	$P \leq 700 - 3\sigma < D < 1300 + 3\sigma \leq F$	$P \leq 700 - 3\sigma < D < 1300 + 3\sigma \leq F$	$P \leq 500 - 3\sigma < D < 1500 + 3\sigma \leq F$
Hg	$P \leq 700 - 3\sigma < D < 1300 + 3\sigma \leq F$	$P \leq 700 - 3\sigma < D < 1300 + 3\sigma \leq F$	$P \leq 500 - 3\sigma < D < 1500 + 3\sigma \leq F$
Br	$P \leq 300 - 3\sigma < D$	/	$P \leq 250 - 3\sigma < F$
Cr	$P \leq 700 - 3\sigma < D$	$P \leq 700 - 3\sigma < D$	$P \leq 500 - 3\sigma < F$

- P=PASS, F=FAIL, D=DETECTED
- mg/kg = ppm = 0.0001%, /= Not Applicable

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- Chemical test results:

Test results of Pb, Cd, Hg and Cr⁶⁺

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		1	3	8	13	18	
Lead(Pb)	5mg/kg	N.D.	N.D.	N.D.	16603	16435	1000
Cadmium(Cd)	5mg/kg	N.D.	N.D.	N.D.	75	69	100
Mercury(Hg)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Hexavalent Chromium(Cr ⁶⁺)#1	5mg/kg	/	/	/	/	/	1000
Hexavalent Chromium(Cr ⁶⁺)#2	0.10µg/cm ²	N.D.	N.D.	N.D.	N.D.	N.D.	/

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		22	26	28	36	39	
Lead(Pb)	5mg/kg	N.D.	16866	N.D.	N.D.	59	1000
Cadmium(Cd)	5mg/kg	N.D.	76	N.D.	N.D.	N.D.	100
Mercury(Hg)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Hexavalent Chromium(Cr ⁶⁺)#1	5mg/kg	/	/	/	/	/	1000
Hexavalent Chromium(Cr ⁶⁺)#2	0.10µg/cm ²	N.D.	N.D.	N.D.	N.D.	N.D.	/

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		40	41	47	48	50	
Lead(Pb)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Cadmium(Cd)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	100
Mercury(Hg)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Hexavalent Chromium(Cr ⁶⁺)#1	5mg/kg	/	/	/	/	/	1000
Hexavalent Chromium(Cr ⁶⁺)#2	0.10µg/cm ²	N.D.	N.D.	N.D.	N.D.	N.D.	/

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		77	79	87	89	92	
Lead(Pb)	5mg/kg	102	N.D.	15016	N.D.	N.D.	1000
Cadmium(Cd)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	100
Mercury(Hg)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Hexavalent Chromium(Cr ⁶⁺)#1	5mg/kg	/	/	/	/	/	1000
Hexavalent Chromium(Cr ⁶⁺)#2	0.10µg/cm ²	N.D.	N.D.	N.D.	N.D.	N.D.	/

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		94	100	112	117	118	
Lead(Pb)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Cadmium(Cd)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	100
Mercury(Hg)	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Hexavalent Chromium(Cr ⁶⁺)#1	5mg/kg	/	/	/	/	/	1000
Hexavalent Chromium(Cr ⁶⁺)#2	0.10µg/cm ²	N.D.	N.D.	N.D.	N.D.	N.D.	/

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL); MDL=method detection limit;
- #1: For non-metal materials test.
- #2: For metal materials test:
- "Positive" indicates Cr⁶⁺ in a sample is detected above 0.13µg/cm²;
- "Negative" indicates Cr⁶⁺ in a sample is detected below 0.10µg/cm²;
- According to EU RoHS 2011/65/EU Annex III, the following components were exempt

No.	Exempted substances	Exempted items	Exempted value
13	Copper alloy	Lead(Pb)	4.0%
18	Copper alloy	Lead(Pb)	4.0%
26	Copper alloy	Lead(Pb)	4.0%
87	Copper alloy	Lead(Pb)	4.0%

Test results of PBBs and PBDEs

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		31	32	33	34	35	
Monobromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Dibromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromobiphenyl(PBBs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Monobromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Bibromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromodiphenyl ether(PBDEs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		37	38	60	61	62	
Monobromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Dibromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromobiphenyl(PBBs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Monobromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Bibromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromodiphenyl ether(PBDEs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s)					Limit (mg/kg)
		(mg/kg)					
		63	65	68	74	83	
Monobromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Dibromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromobiphenyl(PBBs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Monobromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Bibromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromodiphenyl ether(PBDEs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		84	85	86	88	95	
Monobromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Dibromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromobiphenyl(PBBs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Monobromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Bibromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tribromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Tetrabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Pentabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Hexabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Heptabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Octabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Nonabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Decabromodiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromodiphenyl ether(PBDEs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL);
- MDL=method detection limit.

Test results of Phthalates

Test Item(s)	MDL	Result(s) (mg/kg)				Limit (mg/kg)
		2	4	6	7	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)				Limit (mg/kg)
		9	10	11	14	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)				Limit (mg/kg)
		15	17	19	20	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)				Limit (mg/kg)
		21	23	24	25	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		27	30	31	32	33	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		34	35	37	38	42	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		43	45	46	51	52	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		53	54	55	56	57	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		60	61	62	63	65	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		68	70	73	74	78	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		80	81	83	84	85	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		86	88	90	91	95	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		96	97	98	99	101	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		102	103	104	105	106	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	Result(s) (mg/kg)					Limit (mg/kg)
		107	108	109	110	116	
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL);
- MDL=method detection limit.

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Test components:

1	White-coated metal casing	2	Grey plastic
3	Silver metal screw	4	White label adhesive tape
5	Black metal handle	6	Red plastic
7	Red plastic	8	Silver metal
9	Black plastic	10	Black plastic
11	Black plastic	12	Silver metal screw
13	Silver metal	14	Transparent plastic
15	Red plastic	16	Silver metal
17	Red plastic	18	Silver metal
19	Red plastic	20	Black plastic
21	White plastic	22	Silver metal
23	Grey plastic	24	White plastic
25	Black plastic	26	Golden metal
27	Black plastic	28	Silver metal
29	Silver metal	30	Black plastic
31	Black plastic	32	White plastic
33	Red plastic	34	White plastic
35	Green PCB	36	Silver metal screw
37	Green plastic	38	White plastic
39	Golden metal	40	Silver metal
41	Silver metal	42	Red plastic
43	Red plastic	44	Copper wire core
45	Black plastic	46	Black plastic
47	Silver metal	48	Silver metal
49	Silver metal	50	Silver metal
51	Black adhesive tape	52	Blue plastic
53	Orange plastic	54	Black plastic
55	Yellow plastic	56	White plastic
57	Red plastic	58	Silver metal
59	Silver metal	60	Surface mount resistor

61	Black plastic	62	Black plastic
63	Yellow plastic	64	Silver metal
65	Black plastic	66	Silver metal
67	Copper-colored metal	68	Black plastic
69	Silver metal	70	White plastic
71	Silver metal	72	Silver metal
73	Black plastic	74	Black plastic
75	Silver metal	76	Silver metal
77	Silver metal (solder)	78	Yellow plastic
79	Silver metal	80	White ceramic
81	White latex	82	Silver metal
83	Black plastic	84	Surface mount capacitor
85	Diode	86	Yellow glue
87	Golden metal	88	Black plastic
89	Silver metal	90	Black plastic
91	Transparent plastic	92	Copper coil
93	Black metal	94	Silver metal
95	Blue PCB	96	Silver label adhesive tape
97	Yellow plastic	98	Black plastic
99	Blue plastic	100	Silver metal
101	Yellow adhesive tape	102	Green adhesive tape
103	Transparent plastic	104	Transparent plastic
105	White plastic diaphragm	106	Negative electrode powder
107	Positive electrode powder	108	Beige plastic
109	Blue plastic	110	Black plastic
111	Silver metal	112	Silver metal
113	Copper-colored metal	114	Negative electrode ear
115	Copper foil	116	Black plastic
117	Aluminum foil	118	Positive electrode ear

Chemical Test Process

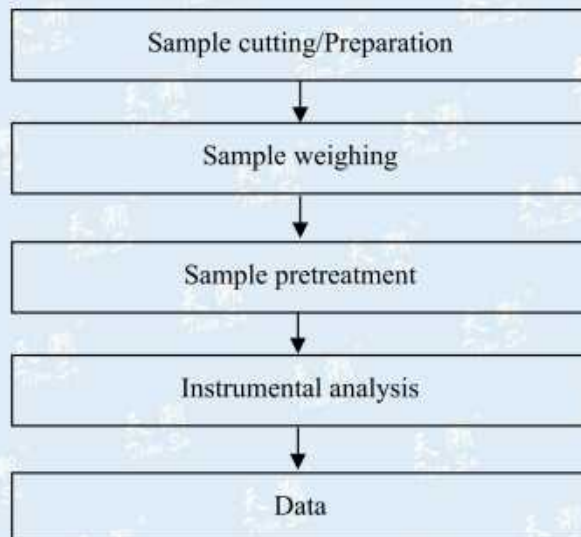


Photo of the sample

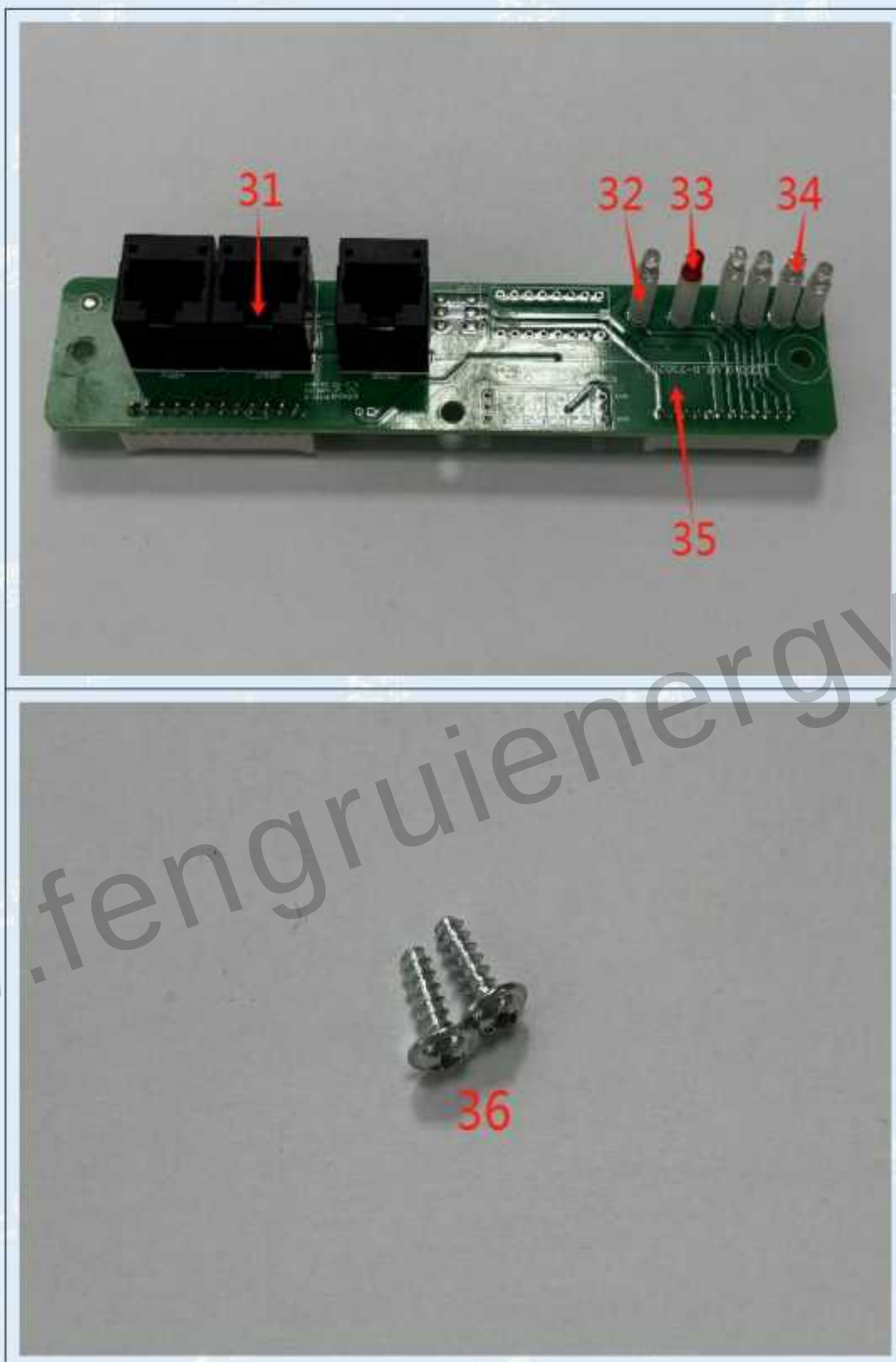


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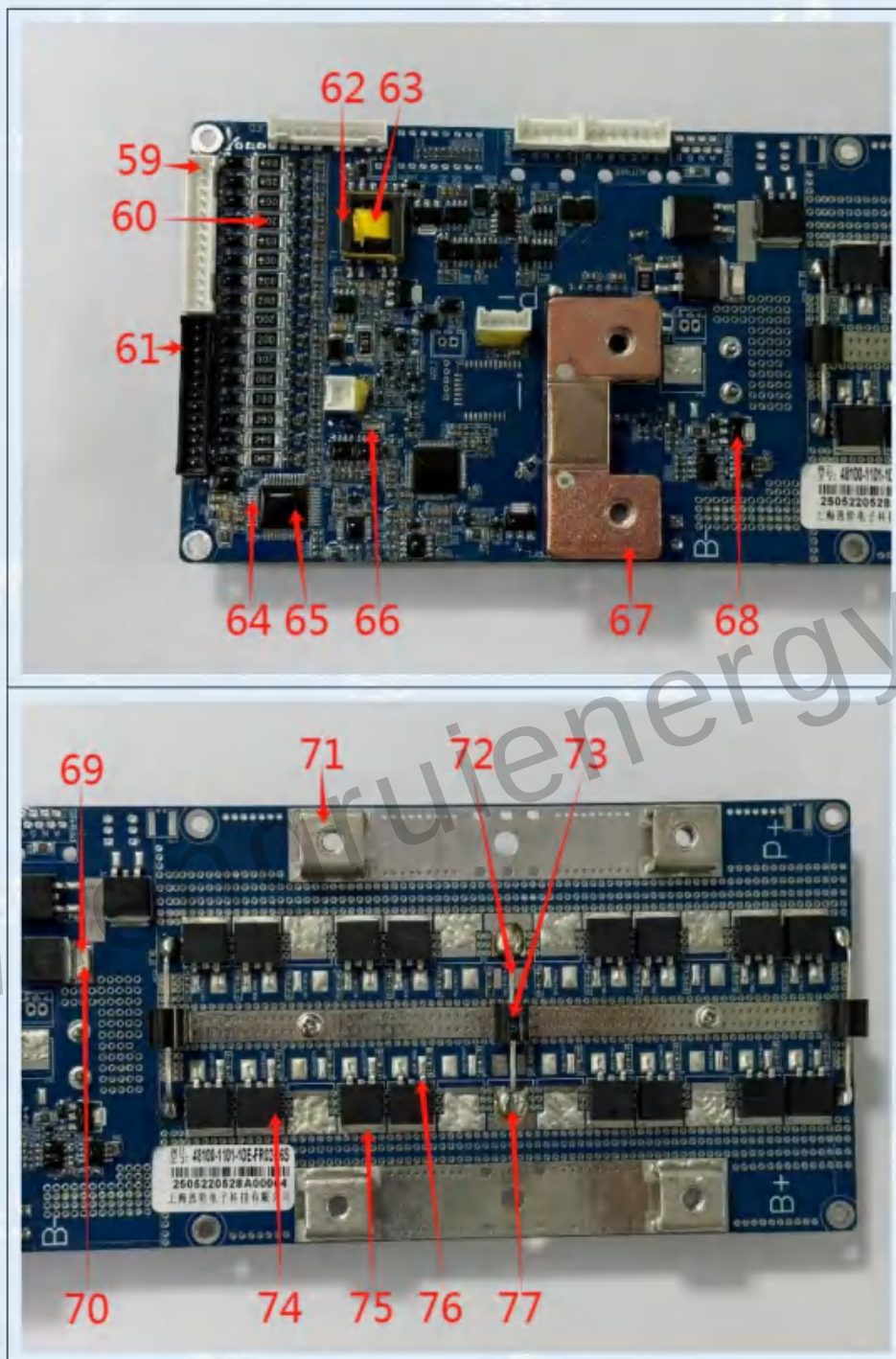


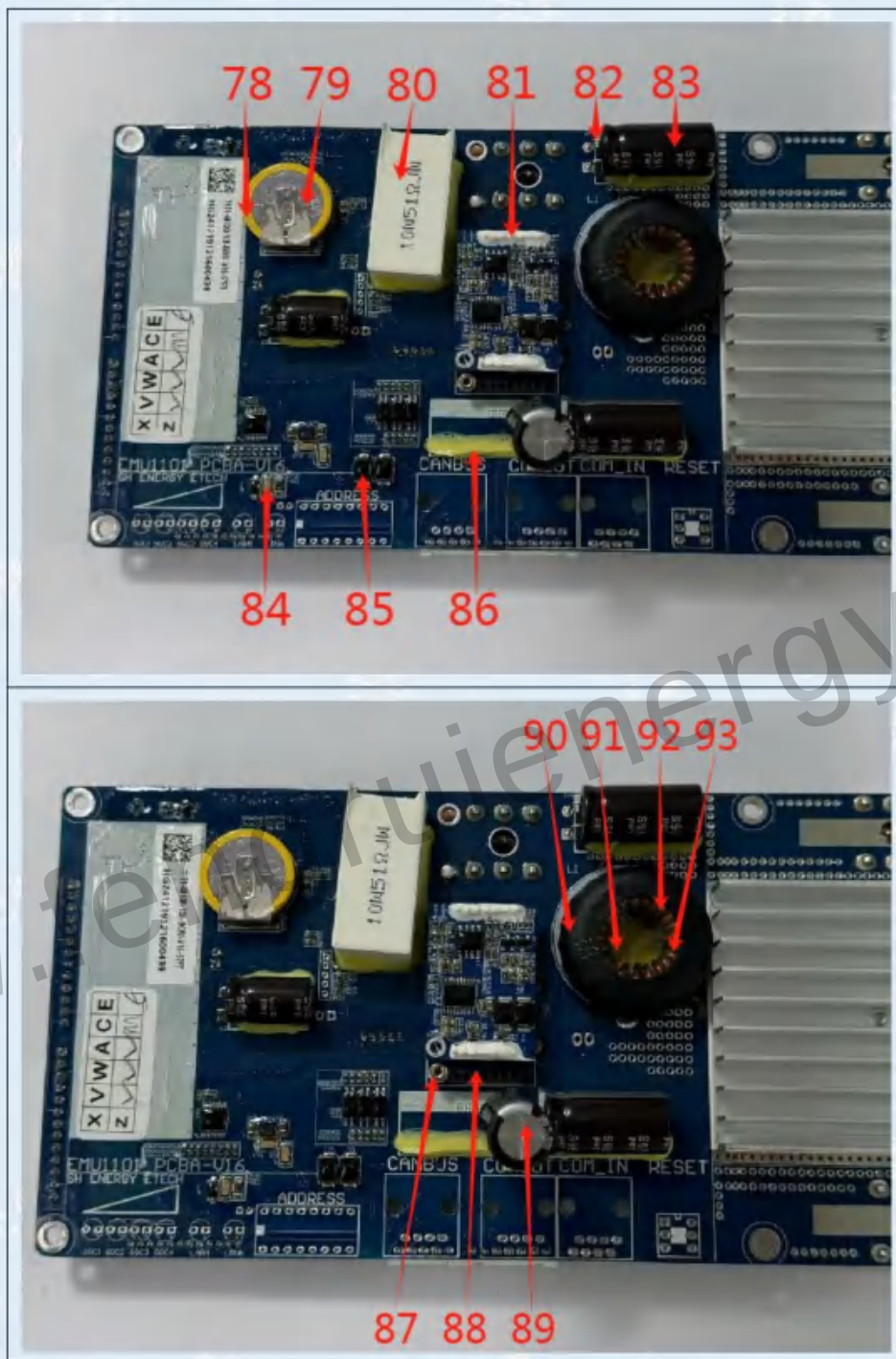






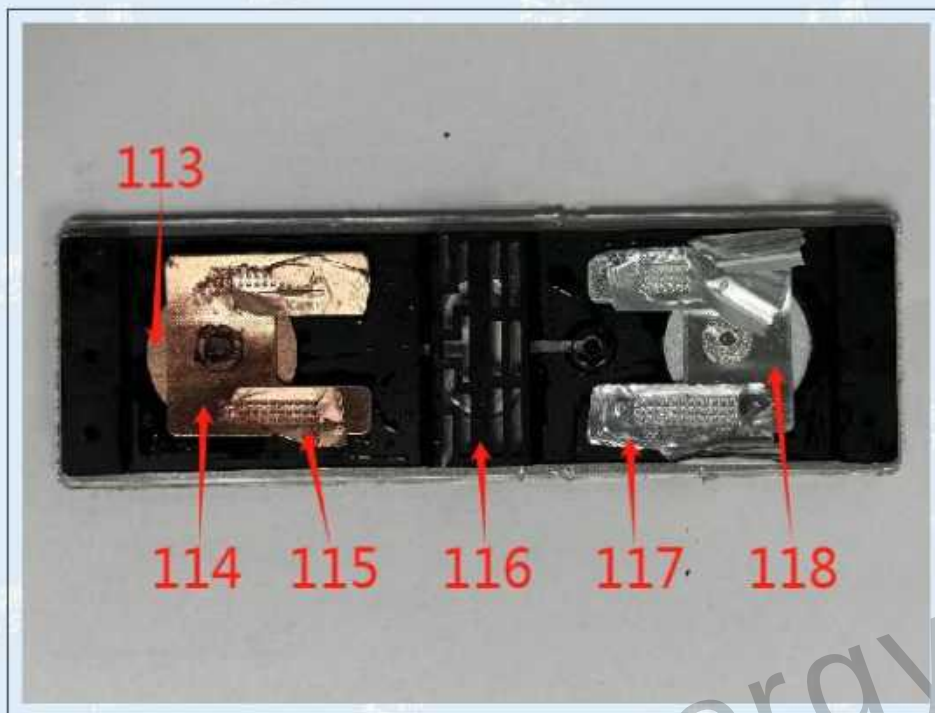












***** End of report *****

This report is invalid without the Special Seal of Tiansu. This report shall not be altered, increased or deleted. The results shown in this report refer only to the sample(s) tested.