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Test Report

Client	:	Lifos Advanced Battery Technology Ltd
Address	:	Lifos Advanced Battery Technology, Stafford Park 5, Telford, TF3 3AS

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

Sample Name	ion 54	Lithium-ion battery pack
Model/P.O. No.	:	LC48/5000
Manufacturer &	:	Guangdong Chuangxin New Energy Technology Co., Ltd
Received Date		Sep 09, 2022
Test Period	.7	Sep 09, 2022~Sep 23, 2022
Test Requested	;	EU RoHS 2011/65/EU and 2015/863/EU

Cor	nclusion MA Team Su	天湖 湖 湖
A	Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr ⁶	PASS PASS
-	Polybromobiphenyls (PBBs) & Polybromodiphenyl ethers (PBDEs)	PASS PASS
-	DBP, BBP, DEHP, DIBP	PASS

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

Approved by:

Date: Sep 28, 2022

Add: Building 1/4, No.2, Jinlong Road, Longgang District, Shenzhen, Guangdong, China.

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Test Method

Test Item(s)	Test Method	Equipment	MDL 7 MDL
Pb, Cd, Hg, Cr, Br	IEC 62321-3-1:2013	XRF	5mg/kg
Pb, Cd	IEC 62321-5:2013	ICP-OES	5mg/kg
Sin 大湖 Film Hg Team Su Team Su	IEC 62321-4:2013+AMD1:2017	ICP-OES	5mg/kg
Cr ⁶⁺	IEC 62321-7-2:2017		5mg/kg
E VA	IEC 62321-7-1:2015	UV-Vis Jun 54	0.10μg/cm ²
PBBs & PBDEs	IEC 62321-6:2015	GC-MS	Jun 500 5mg/kg
DBP, BBP, DEHP, DIBP	IEC 62321-8:2017	GC-MS	30mg/kg

Test Result(s)

- Screening test results

Ser cenning (est resures							
Test items	1	2	3	4	5 7 ion :	6	7	8
Pb	P	P	P	D	D	P	P	P
Cd	P	D	P P	D	P	P	P	P
Hg	P Time	P	P	on S≪ P	P	P	P	P
Cr	P	D	P	P	D	P	P	P
Br	P	/	人選	/ Tear	/	/	tian Su/	P
Conclusion	P	D	P	D	D	P	P	P

Test items	9	10	76an 511	12	13	14	15	16
Pb	P Tian	D	P	P	P	P	P	P
Cd	D	P 🦺	P	P	P	Team P	P	P
Hg	P	P	P	P Tia	P	P	P	P
Cr	D	D	P	P	P	P	P	P
Br	34 /	Tim 9"	P	P	/	/	/ 1	P P
Conclusion	D	D	P	P	P	P	P	P



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Test items	17	18	19	20	21	22	<u>23</u>	24	25	26
Pb	P	P	P	D	P	P	P	P	P	P
Cd	P	P	P	P	P	P	P	P	P	P
Hg	P To	5 P	P	P	P	P	P	P	m S P	P
Cr	P	P	P	P	P	P	PS	P	P	P
Br	P	P	/	/	Fian	P	/	P	D	P
Conclusion	P	P	P	D	P	P	P	P	D	P
76an = "	0	7ian Su			K W			24A	7ian So	k:
Test items	27	28	29	30	31	32	33	34	35	36
Pb	P A	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 5"	P	P	P	P	P	P	P	P	P
Br	P	3/ M	/	P	P	1 70	u 5" /	/	D	D
Conclusion	P	P	P	P	P	P	P	P	D	D
A		784	Mar 5	4	6	\$ M 5 Su			之 渊	"7 i au
Test items	37	38	39	40	41	42	43	44	45	46
Pb	P	D	D	P	P	P	P	P	P	P
Cd	P	P	P	P	P	P	P	Pian S	P	P
Hg	P	P	P	P	P	P	5 P	P	P	P
Cr	P	P	P	o P	Tia P	P	P	P	P	P
Br	D	/	Trans	P	P	7/ 洲	P	P	P	P To
Conclusion	D	D	D	P	P	P	P	P	P	P
7 ian Su		la la	大州	, care		38 G	Tean Su		0	天明
Test items	47	48	49	50	51 700	52	53	54	55	56
Pb	P	P	P	P	P	P	P	P	P	P
Cd	P	Pars	P	P	P	P	P	P	P	P
Hg	⁵ P	P	P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P 5"	P	P	PS	P
Br	P	P	P	P 760	P	P	Frank S	/	P	D
Conclusion	P	P	P	P	P	s P	P	P	P	D



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Test items	57	58	59	60	61	62	54 63	64	65	66
Pb	P	D	P	P	P	P	P	P	P	P
Cd	P	P	P. 5	P	P	P	P	P	P	Pian
Hg	P To	5 P	P	P	P	P	P	P	S P	P
Cr	P	P	P	P	P	P	P	P	P	P
Br	D	1	P	/	P	P	P	*/ */	P	P
Conclusion	D	D	P	ian SP	P	P	P	P	P	P
7ian 211	0	Tian Su			K W			241	7ian Su	
Test items	67	68	69	70	71	72	73	74	75	76
Pb	P 🦶	P	P	P	P	700 PSu	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	1	1 M	/	P	P	P	w 5 ⁴ /	P	P	D
Conclusion	P	P	P	P	P	P	P	P	P	D
	2	WA.	Mian S		10	\$ M 7 m 5 m			z M	760
Test items	77	78	79	80	81	82	83	84	85	86
Pb	P	P	P	P	P	P	P	P	P	P P
Cd	P	P	P	P	P Time	P	P	P	P	P
Hg	P	P	P	P	P	P	S P	P	P	P
Cr	P	P	P	P	P	P	P	P	P	P
Br	1	- /	P	P	P	D	D	P	D	D
Conclusion	P	P	P	P	P	D	D	P	D	D
7 jan Su			天湖	(500)		NAME OF THE PARTY	Tian Su		0	天淵
Test items	87	88	89	90	91	92	93	94	95	96
Pb	P	P	P	D D	P	D	D	D	P	P
Cd	P	Puss	P	D	P	D	D	P	Pian	P
Hg	P P	P	P	P P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	D	P ₅	P
Br	/	D	D	1700	P	/	France	/	P	D
Conclusion	P	D	D	D	P	D	D	D	P	D

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Test items	97	98	99	101	102	103	104	104	105	106
Pb	P	P ^S	D	P	P	P	P	P	P	P
Cd	D	P	P	P	P	P	P	P	P	Pian
Hg	P Tia	5 P	P	P	P	Pint 5th	P	P	P	P
Cr	P	P	P	P	P	P	P	P	P	P
Br	X M	D Tu	/	D	D	D	D	D	D	D
Conclusion	D	D	D	D	D	D	D	D	D	D
Tian 5"	0	Tian Si			大概			MA.	7ian Si	b:
Test items	107	108	109	110	111	112	113	114	115	116
Pb	P	P	D	P	P	P ^{Su}	P	P	P	P
Cd	P	P	D	D	P	P	P	P	P	P
Hg	P	P	P P	P	P	P	P	P	P	P
Cr	P	P	P	P	P	P	P	P	P	P
Br	/	P	/	/	D	1 70	P	P	Prime	P
Conclusion	P	P	D	D	D D	P	P	P	P	P
		MA.	Mian 5			\$ WI 7 5 u			e M	76
Test items	117	118	119	120	121	122	123	124	125	126
Pb	P	P	Р	D	P	P	P	P	P	P
Cd	P	P	P	P	P Time	P	P	P	P	P
Hg	P	P	P	P	P	P	5 P	P	P	P
Cr	P	P	P	P	Tia P	P	P	P	P	P
Br	/	- Also 1	P	/	P	P	P	P	P	P
Conclusion	P	P	P	D	P	P	P	P	P	P
7 can 5"			大例	1000		-0.00 1.00 m	Team Su			天湖
Test items	127	128	129	130	131	132	133	134	135	136
Pb	D	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 Cr	P	P	P	P	P	P	P	P	P ₅	P
Br	/	P	P	P Tian	1	P	France	/	1	1/M
Conclusion	D	P	P	P	P	P	P	P	D	P

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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≤70-3σ <d<130+3σ≤f< td=""><td>P≤70-3σ<d<130+3σ≤f< td=""><td>P≤50-3σ<d<150+3σ≤f< td=""></d<150+3σ≤f<></td></d<130+3σ≤f<></td></d<130+3σ≤f<>	P≤70-3σ <d<130+3σ≤f< td=""><td>P≤50-3σ<d<150+3σ≤f< td=""></d<150+3σ≤f<></td></d<130+3σ≤f<>	P≤50-3σ <d<150+3σ≤f< td=""></d<150+3σ≤f<>
DI	P≤700-3σ <d<< td=""><td>P≤700-3σ<d<< td=""><td>P≤500-3σ<d<< td=""></d<<></td></d<<></td></d<<>	P≤700-3σ <d<< td=""><td>P≤500-3σ<d<< td=""></d<<></td></d<<>	P≤500-3σ <d<< td=""></d<<>
Pb	1300+3σ≤F	1300+3σ≤F	1500+3σ≤F
5"	P≤700-3σ <d<< td=""><td>P≤700-3σ<d<< td=""><td>P≤500-3σ<d<< td=""></d<<></td></d<<></td></d<<>	P≤700-3σ <d<< td=""><td>P≤500-3σ<d<< td=""></d<<></td></d<<>	P≤500-3σ <d<< td=""></d<<>
Hg	1300+3σ≤F	1300+3σ≤F	1500+3σ≤F
Br 5	P≤300-3σ <d< td=""><td></td><td>P≤250-3σ<f< td=""></f<></td></d<>		P≤250-3σ <f< td=""></f<>
Cr	P≤700-3σ <d< td=""><td>P≤700-3σ<d< td=""><td>P≤500-3σ<f< td=""></f<></td></d<></td></d<>	P≤700-3σ <d< td=""><td>P≤500-3σ<f< td=""></f<></td></d<>	P≤500-3σ <f< td=""></f<>

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

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- Chemical test results:

Test results of Pb, Cd, Hg and Cr6+

Test Item(s)	MDL	うias 5a 天瀬	Limit			
	F. Tian	2	4	7 ian 5" 5	(mg/kg)	
Lead(Pb)	5mg/kg	N.D.	N.D.	N.D.	1000	
Cadmium(Cd)	5mg/kg	N.D.	N.D.	N.D.	100	
Mercury(Hg)	5mg/kg	N.D.	N.D.	91	1000	
Hexavalent Chromium(Cr ⁶⁺)#1	5mg/kg	天侧/	12 MA	94.54	1000	
Hexavalent Chromium(Cr ⁶⁺)#2	0.10μg/cm ²	N.D.	N.D.	N.D.	- MA /	

Test Item(s)	MDL	Su KM	Limit			
天 M Tian Sa	支州	9	10	20	(mg/kg)	
Lead(Pb)	5mg/kg	N.D.	N.D.	N.D.	1000	
Cadmium(Cd)	5mg/kg	N.D.	N.D.	N.D.	100	
Mercury(Hg)	5mg/kg	124	26	19	1000	
Hexavalent Chromium(Cr ⁶⁺)#1	5mg/kg	1 7ian 5	/	来 MA Tian Su/	1000	
Hexavalent Chromium(Cr ⁶⁺)#2	0.10μg/cm ²	N.D.	N.D	N.D	/	

Test Item(s)	MDL	-7(a	Limit				
天潮。 7ian 5th	AK.	38	39	42	58	90	(mg/kg)
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	1 7/10	54 /	/	7/1	1	1000
Hexavalent Chromium(Cr ⁶⁺)#2	0.10μg/cm ²	N.D.	N.D.	N.D.	N.D.	N.D.	Fran Su

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Test Item(s)	MDL	Result(s) (mg/kg)						
Team Su		92	93	94	97	99	(mg/kg)	
Lead(Pb)	5mg/kg	2691	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	13.	/	/	1	Myan Su	1000	
Hexavalent Chromium(Cr ⁶⁺)#2	0.10µg/cm ²	N.D.	N.D.	N.D.	N.D.	N.D.	7 In 5"	

Test Item(s)	MDL	Result(s) (mg/kg)				Limit	
Su K Mi Pian Su		109	110	120	127	134	(mg/kg)
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	* /M	1 Tian	/	/	Fran T	1000
Hexavalent Chromium(Cr ⁶⁺)#2	0.10μg/cm ²	N.D.	N.D.	N.D.	N.D.	N.D.	EM/

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
92	Copper alloy	Lead(Pb)	4.0%

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Test results of PBBs and PBDEs

Test Item(s)	MDL	Resu (mg	Limit	
第 7100	->"	25	35	(mg/kg)
Monobromobiphenyl	5mg/kg	N.D.	N.D.	/
Dibromobiphenyl	5mg/kg	N.D.	N.D.	/
Tribromobiphenyl	5mg/kg	N.D.	N.D.	人們
Tetrabromobiphenyl	5mg/kg	N.D.	N.D.	Tian -
Pentabromobiphenyl	5mg/kg	N.D.	N.D.	/
Hexabromobiphenyl	5 5mg/kg	N.D.	N.D.	Fine of
Heptabromobiphenyl	5mg/kg	N.D.	N.D.	/
Octabromobiphenyl	5mg/kg	N.D.	N.D.	/
Nonabromobiphenyl	5mg/kg	N.D.	N.D.	54 /
Decabromodiphenyl	5mg/kg	N.D.	N.D.	1 Francis
Polybromobiphenyl(PBBs)	1	N.D. Tian Su	N.D.	1000
Monobromobiphenyl ether	5mg/kg	N.D.	N.D.	/
Bibromobiphenyl ether	5mg/kg	N.D.	N.D.	Tian gu
Tribromobiphenyl ether	5mg/kg	N.D.	N.D.	/
Tetrabromobiphenyl ether	5mg/kg	N.D.	N.D.	5. /
Pentabromobiphenyl ether	5mg/kg	N.D.	N.D.	/
Hexabromobiphenyl ether	5mg/kg	N.D.	N.D.	1 7100
Heptabromobiphenyl ether	5mg/kg	N.D.	N.D. Tim Su	/
Octabromobiphenyl ether	5mg/kg	N.D.	Transu N.D.	天火
Nonabromobiphenyl ether	5mg/kg	N.D.	N.D.	/
Decabromodiphenyl ether	5mg/kg	N.D.	N.D.	- /
Polybromodiphenyl ether(PBDEs)	/	N.D.	N.D.	1000

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			支酬				
Test Item(s) Test Su	MDL 5	WA Su	天湖 Tian Su	Result(s) (mg/kg)		天湖 7ian 5u	Limit (mg/kg)
Tean Su	MA Su	36	37	56	57	76	
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.	1
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	5 5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	Tian St
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)	F. Tu	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.	E /
Tribromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	Tian 5"
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.	Su /
Hexabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1 1
Heptabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1 Tian
Octabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1,000
Nonabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	F. Bu
Decabromodiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/
Polybromodiphenyl ether(PBDEs)	1 Tian S	N.D.	N.D.	N.D.	N.D.	N.D.	1000

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		o gran Su & VI							
Test Item(s) Tan Su	MDL 5	M.	天湖 Tian Su	Result(s) (mg/kg)		天湖 7ian 5u	Limit (mg/kg)		
Ma Tim Su	M Su	82	83	85	86	88	(IIIg/kg)		
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.	1		
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	5 5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	Tian St		
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)	F. Tu	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.	E /		
Tribromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	Tian 7		
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.	Su /		
Hexabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1 1		
Heptabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1 Tian		
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.	F. 7.		
Decabromodiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/		
Polybromodiphenyl ether(PBDEs)	1 Tian S	N.D.	N.D.	N.D.	N.D.	N.D.	1000		

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Test Item(s)	MDL	M S.	Result(s) (mg/kg)					
)	u ⊃ ** - s⊌a	89	96	98	101	102	(mg/kg)	
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.	人类	
Tetrabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Pentabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	/	
Hexabromobiphenyl	5 5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	F. VIII	
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.	M /	
Nonabromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	56.	
Decabromodiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1 Frian	
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.	2 /A	
Bibromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	Tian gu	
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.	M /	
Pentabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1	
Hexabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1 7 ian	
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.	X.Z.	
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.	235° /	
Polybromodiphenyl ether(PBDEs)	/	N.D.	N.D.	N.D.	N.D.	N.D.	1000	

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Test Item(s)	MDL	7ian 5"	天 鄉	Limit (mg/kg)			
7 can 54	. F.	103	104	105	106	111	(mg/kg)
Monobromobiphenyl	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	Fian SI
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.	Frans
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.	Tian Sy
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.	版 /
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.	171au
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.	大型
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.	54 /
Heptabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	13
Octabromobiphenyl ether	5mg/kg	N.D.	N.D.	N.D.	N.D.	N.D.	1
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.	Fran Bu
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.

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Test results of Phthalates

Test Item(s)	MDL &	A Tian	Limit		
	7.can	1 •	85	11	(mg/kg)
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	o Jian -	Limit		
M 7iae 5		12	16	17	(mg/kg)
Dibutyl phthalate(DBP)	30mg/kg	N.D.	N.D.	N.D.	1000
Butyl benzyl phthalate(BBP)	30mg/kg	N.D.	N.D.	N.D.	1000
Di (2-ethylhexyl) phthalate(DEHP)	30mg/kg	N.D.	N.D.	N.D.	1000
Diisobutyl phthalate (DIBP)	30mg/kg	N.D.	N.D.	N.D.	1000

Test Item(s)	MDL	5" *	Limit				
F VIII	天衛	18	24	25	26	27	(mg/kg)
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	37	Limit				
	7in 5"	30	31	35	36	37	(mg/kg)
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

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Test Item(s) w Su	MDL &	Ą	Limit				
	oz. Tians	40	41	43	45	46	(mg/kg)
Dbutyl 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		Limit				
		47	48	49	50	51	(mg/kg)
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	8	Limit				
	天 概	52	55	56	57	59	(mg/kg)
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	* 7	Limit				
	Tian >4	61	62	63	65	66	(mg/kg)
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

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Test Item(s) w Su	MDL &	Ą		Limit			
	? Tians	70	· 71	72	74	75	(mg/kg)
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		Limit				
	4	76	79	80	81	82	(mg/kg)
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	8	Limit				
	天衛	83	84	85	86	88	(mg/kg)
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	* 7	Limit				
	Tian >4	89	91	95	96	98	(mg/kg)
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

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Test Item(s) w Sa	MDL &	Result(s) (mg/kg)						
	© 7;a∞	100	101	102	103	104	(mg/kg)	
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		Limit				
		105	106	108	111	113	(mg/kg)
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		Limit				
	天胤	116	119	121	122	123	(mg/kg)
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 S	Result(s) (mg/kg)					Limit
7 ian Su		124	125	128	129	132	(mg/kg)
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

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Note:

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

Test components:

			2. 3.3
1	Silver plastic (label)	2	Silver metal (screw)
3	Silver metal (screw)	4	Silver-white metal (handle)
5	Silver metal (screw)	6	Black coated metal (screws)
7	Black coated metal housing	8	Yellow plastic partition
9	Silver metal (screw)	10	Silver metal (screw)
11	Red plastic	12	Black plastic
13	Silver metal block	14	Silver metal screw (round)
15	Black metal frame	16	Black sponge
17	Blue plastic	18	Off-white plastic shell
19	Blue coated metal	20	Golden metal
21	Silver metal	22	Silver white metal
23	Same color metal core	24	Beige plastic
25	Black plastic	26	Red plastic
27	Red paper	28	Silver metal sheet
29	Metal sheet of the same color	30	Red label paper
31	Black plastic case	32	Silver metal
33	Gold metal (button)	34	Silver metal
35	IC 1154	36	SMD capacitance
37	PCB Aug St	38	Silver metal
39	Silver columnar metal	40	White latex
41	White plastic wire slot	42	Silvery-white metal wire
43	White plastic cover	44	Red plastic (wire)
45	Black plastic (wire)	46	Black plastic (wire)
47	Red plastic (wire)	48	White plastic (wire)
49	Yellow plastic (wire)	50	Green plastic (wire)
51	Black plastic (wire)	52	Black plastic cover
190	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Valley.	O Properties

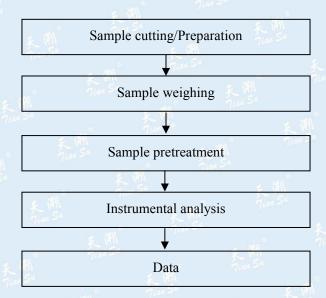
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	7ide 5a	\$_\VI\	ya Tian 2"
53	Silver metal ring	54	Wire core (copper)
55	Blue plastic (wire cover)	56	Yellow plastic
57	Black plastic cover	58	Golden metal
59	Black plastic (wire cover)	60	Silver metal ring
61	Black plastic cover	62	Blue plastic (wire)
63	Black plastic (wire)	64	Silver metal (wire)
65	Green paper (with adhesive)	66	Grey rubber mud
67	Silver-white metal (Type C)	68	Black metal screw
69	Black metal screw (long)	70	Gray rubber
71	Black plastic frame	72	Black plastic case
73	Silver white metal shell	74	Black plastic pad
75	Light yellow adhesive paper	76	Yellow tape
77	Gold metal needle	78	Magnetic coil (wire core)
79	ceramic That St	80	Black plastic block
81	Green plastic case (capacitor)	82	Yellow tape
83	IC Tian Su F VIII	84	SMD capacitance
85	SMD resistance	86	Diode
87	Solder	88	PCB Team Su K VIII
89	Red coated metal	90	Black coated metal
91	Green tape	92	Red coated metal
93	Black coated metal	94	Black coated metal
95	Black plastic	96	White plastic slot
97	Silvery-white metal pin	98	IC The Su
99	IC pin	100	SMD resistance
101	SMD capacitance	102	SMD resistance (small)
103	Diode 7144 54	104	Triode
105	IC Transu	106	PCB
107	Golden metal	108	MOS tube
109	MOS tube base	110	MOS tube pin
111	PCB 5	112	Silver metal ring
113	Red plastic (thin thread leather)	114	Black metal frame
115	Silver white metal screw	116	Grey plastic frame

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117	Silver metal ring	118	Copper metal
119	Blue plastic case	120	Silver white metal shell
121	White scotch tape	122	Blue plastic
123	Yellow tape	124	Blue tape
125	White plastic (diaphragm)	126	Anode carbon powder
127	Cathode carbon powder	128	Gray rubber
129	White transparent diaphragm	130	Black rubber
131	Silver-white columnar metal	132	Black plastic frame
133	Silver white metal	134	Aluminum foil
135	Copper metal	136	Copper foil

Chemical Test Process

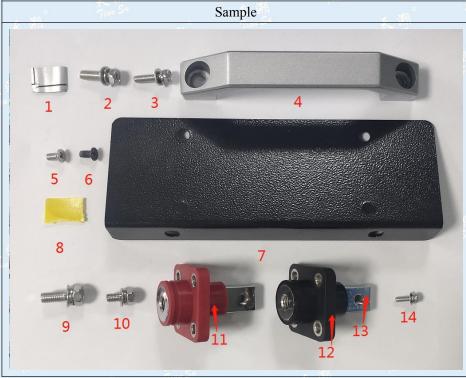




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Photo of the sample

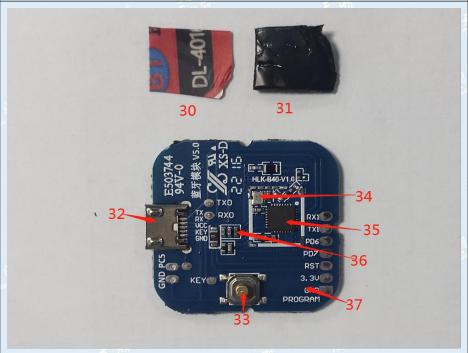






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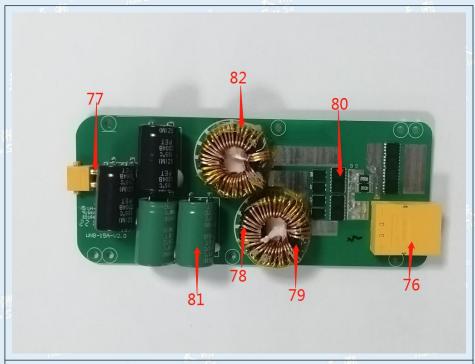


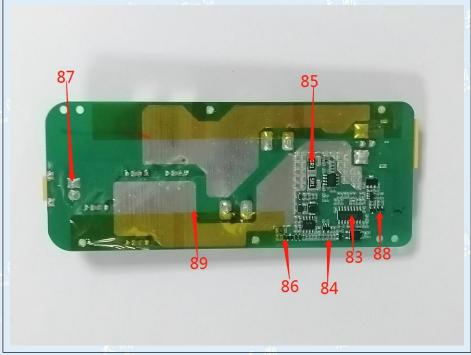
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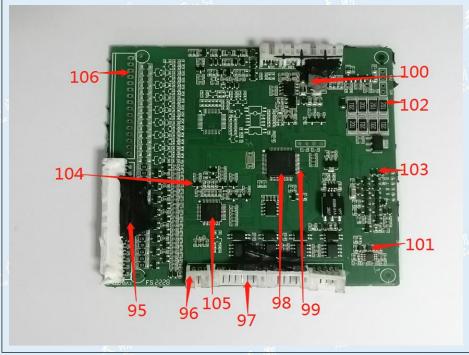
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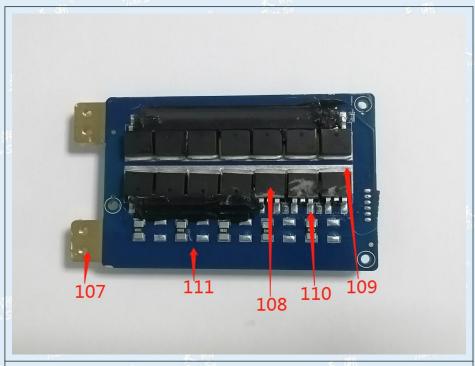
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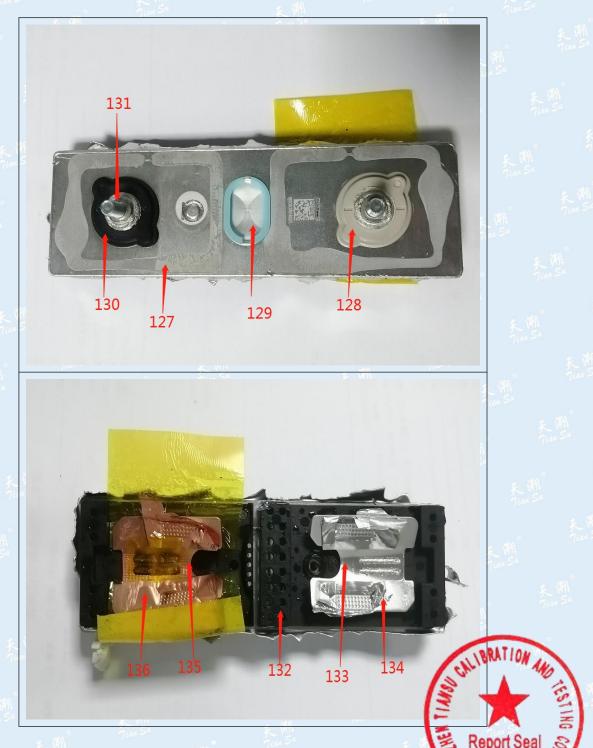


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This report is invalid without the Special Seal of Tiansu. This report shall not be altered, increased

**** End of report ***

or deleted. The results shown in this report refer only to the sample(s) tested.