

检测报告

TEST REPORT

NAME OF SAMPLE: Li-ion Rechargeable Battery

产品名称: 可充电锂电池

CLIENT: Ningbo Auma Electric Technology Co., Ltd

委托单位: 宁波奥马电器科技有限公司

CLASSIFICATION OF TEST: Commission test

检测类别: 委托检测

广州市金策技术有限公司

Guangzhou jince Technology Co., Ltd.

General information 基本资料			
Name of samples 样品名称	Li-ion Rechargeable Battery 可充电锂电池		
Type/ Model 型号规格	Li-ion 10870 750mAh 3.7V 2.78Wh		
Samples' type 样品类型	Lithium-ion /Battery 锂离子/电池		
Characteristic 样品特征	Small batteries , approx. 19.3 g/pcs		
Trade mark 商标	/		
Commission by 委托单位	Ningbo Auma Electric Technology Co., Ltd 宁波奥马电器科技有限公司		
Commissioner address 委托单位地址	N0.20th Yaobei Road, Simen Town,Yuyao City,Zhejiang province China 浙江省宁波市余姚市泗门镇姚北大道 20 号		
Contact information 联系方式	Telephone: 0086-574-188-6866-1108 Mail: abmin@nbauma.cn Website: /		
Manufacturer 制造商	Ningbo Hongyuan Electronics Technology Co,LTD 宁波鸿源电子科技有限公司		
Manufacturer address 制造商地址	Address:Floor 3-4, building 1, no. 188, Shanhai Road, Wangchun Industrial Park, Haishu District, Zhejiang Province 浙江省宁波市海曙区望春工业园杉海路 188 号 1 号楼 3-4 楼		
Factory 生产厂	Ningbo Hongyuan Electronics Technology Co,LTD 宁波鸿源电子科技有限公司		
Factory address 生产厂地址	Address:Floor 3-4, building 1, no. 188, Shanhai Road, Wangchun Industrial Park, Haishu District, Zhejiang Province 浙江省宁波市海曙区望春工业园杉海路 188 号 1 号楼 3-4 楼		
Laboratory 检测单位	Guangzhou jince Technology Co., Ltd. 广州市金策技术有限公司		
Laboratory address 检测单位地址	No.58~60-5,Zhongsu huancun Road,Zhongcun Street,Panyu District, Guangzhou City 广州市番禺区钟村街钟四环村路 58~60 号之五		
Reference standard 参考标准	UN Manual of Tests and Criteria ST/SG/AC.10/11/Rev.6, amend1, section 38.3. 联合国《关于危险货物运输的建议书试验和标准手册》ST/SG/AC.10/11/Rev.6, amend1, section 38.3.		
Quantity & identification 样品标识序号	48pcs: c1#~c30#,b1#~b18#		
Receiving date 接样日期	2020.07.11	Completing date 完成日期	2020.07.20

Test Conclusion 测试结论				
Clause. 条款	Name of test 测试项目名称	Test result 测试结果	Conclusion 本项结论	Remarks 备注
38.3.4.1	Altitude simulation 高度模拟	See Appendix 1 见附表 1	Passed 合格	/
38.3.4.2	Thermal test 温度试验	See Appendix 2 见附表 2	Passed 合格	/
38.3.4.3	Vibration 振动	See Appendix 3 见附表 3	Passed 合格	/
38.3.4.4	Shock 冲击	See Appendix 4 见附表 4	Passed 合格	/
38.3.4.5	External Short-circuit 外部短路	See Appendix 5 见附表 5	Passed 合格	/
38.3.4.6	Impact 撞击	/	/	N/A
38.3.4.6	Crush 挤压	See Appendix 6 见附表 6	Passed 合格	/
38.3.4.7	Overcharge 过度充电	See Appendix 7 见附表 7	Passed 合格	
38.3.4.8	Forced discharge 强制放电	See Appendix 7 见附表 8	Passed 合格	/
Conclusion/结论: The Li-ion Rechargeable Battery submitted by Ningbo Auma Electric Technology Co., Ltd had passed the test items of UNITED NATIONS "Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria ST/SG/AC.10/11/Rev.6, amend1, section 38.3. 由宁波奥马电器科技有限公司送检的可充电锂电池组符合联合国《关于危险品货物运输的建议书 试验和标准手册》ST/SG/AC.10/11/Rev.6, amend1,section 38.3 的要求。				
Tester: 测试: <i>Jiang Ningbo</i>		Seal/检测专用章: Date of issue/日期: 2020.07.20 		
Checker: 审核: <i>Jonny Yang</i>				
Approver: 批准: <i>Jonny Yang</i>				

Appendix 1

附表 1

Test Items 测试项目	38.3.4.1 Altitude simulation 38.3.4.1 高度模拟						
1.1	Test procedure 测试步骤						
	Test cells and batteries shall be stored at a pressure of 11,6kPa or less for at least six hour at ambient temperature (20±5°C). 试验电池芯和电池在环境温度(20±5°C)下, 储存在小于等于 11,6kPa 的压力下至少 6 小时。						
1.2	Sample status 样品状态						
	b1#~b5#, at first cycle in fully charged states b1#~b5#, 在第一个循环完全充电状态						
	b6#~b10#, at 25 cycle in fully charged states b6#~b10#, 在第二十五个循环完全充电状态						
1.3	Result 测试结果						
Sample No. 样品编号	Before 测试前		After 测试后		Mass loss 质量损失 (%)	Residual OCV 剩余电压 (%)	Test result 测试结果
	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)			
b1#	19.4612	4.188	19.4603	4.186	0.005	99.95	O
b2#	19.4620	4.184	19.4618	4.180	0.001	99.90	O
b3#	19.4218	4.186	19.4215	4.184	0.002	99.95	O
b4#	19.4536	4.185	19.4531	4.185	0.003	100.00	O
b5#	19.4291	4.181	19.4284	4.179	0.004	99.95	O
b6#	19.3663	4.183	19.3659	4.183	0.002	100.00	O
b7#	19.4615	4.185	19.4612	4.185	0.002	100.00	O
b8#	19.5384	4.185	19.5379	4.183	0.003	99.95	O
b9#	19.4146	4.179	19.4141	4.174	0.003	99.88	O
b10#	19.4198	4.184	19.4192	4.180	0.003	99.90	O
Note: L-Leakage, V-Venting, D -Disassembly, R -Rupture, F-Fire, O-No leakage, no venting, no disassembly, no rupture, no fire. 注: L- 泄漏; V- 排气; D- 解体; R- 破裂; F- 起火; O- 无泄漏、无排气、无解体、无破裂、无起火。							

Appendix 2

附表 2

Test Items 测试项目	38.3.4.2 Thermal test 38.3.4.2 温度试验						
1.1	Test procedure 测试步骤						
	Test cells and batteries are to be stored for at least six hours at a test temperature equal to $72\pm 2^{\circ}\text{C}$, followed by storage for at least six hours at a test temperature equal to $-40\pm 2^{\circ}\text{C}$, The maximum time interval between test temperature extremes is 30 minutes, This procedure is to be repeated until 10 total cycles are complete, after which all test cells and batteries are to be stored for 24 hours at ambient temperature ($20\pm 5^{\circ}\text{C}$). 将电芯和电池在温度为 $72\pm 2^{\circ}\text{C}$ 的条件下贮存不少于 6 个小时, 然后, 在温度 $-40\pm 2^{\circ}\text{C}$ 条件下贮存不少于 6 个小时, 两个温度间的间隔最长为 30min, 重复操作上述步骤直到 10 次, 然后, 将其在环境温度为 $20\pm 5^{\circ}\text{C}$ 的条件下放置 24 个小时。						
1.2	Sample status 样品状态						
	b1#~b5#, at first cycle in fully charged states b1#~b5#, 在第一个循环完全充电状态						
	b6#~b10#, at 25 cycle in fully charged states b6#~b10#, 在第二十五个循环完全充电状态						
1.3	Result 测试结果						
Sample No. 样品编号	Before 测试前		After 测试后		Mass loss 质量损失 (%)	Residual OCV 剩余电压 (%)	Test result 测试结果
	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)			
b1#	19.4603	4.186	19.4578	4.152	0.013	99.19	O
b2#	19.4618	4.180	19.4603	4.142	0.008	99.09	O
b3#	19.4215	4.184	19.4194	4.149	0.011	99.16	O
b4#	19.4531	4.185	19.4513	4.150	0.009	99.16	O
b5#	19.4284	4.179	19.4265	4.140	0.010	99.07	O
b6#	19.3659	4.183	19.3642	4.147	0.009	99.14	O
b7#	19.4612	4.185	19.4597	4.152	0.008	99.21	O
b8#	19.5379	4.183	19.5361	4.150	0.009	99.21	O
b9#	19.4141	4.174	19.4127	4.140	0.007	99.19	O
b10#	19.4192	4.180	19.4176	4.145	0.008	99.16	O
Note: L-Leakage, V-Venting, D -Disassembly, R -Rupture, F-Fire, O-No leakage, no venting, no disassembly, no rupture, no fire. 注: L- 泄漏; V- 排气; D- 解体; R- 破裂; F- 起火; O- 无泄漏、无排气、无解体、无破裂、无起火。							

Appendix 3

附表 3

Test Items 测试项目	38.3.4.3 Vibration 38.3.4.3 振动						
1.1	Test procedure 测试步骤						
	Cells and batteries are firmly secured to the platform of the vibration machine without distorting the cells in such a manner as to faithfully transmit the vibration, The vibration shall be a sinusoidal wave form with a logarithmic sweep between 7Hz and 200Hz and back to 7 Hz traversed in 15 minutes, This cycle shall be repeated 12 times for a total of 3 hours for each of three mutually perpendicular mounting position of the cell. 将电芯和电池牢固地安装在振动台的台面上，然后开始振动。振动以正弦波形式，以 7Hz 增加至 200Hz，然后再减少回到 7Hz 为一个循环，一个循环持续 15 分钟的对数扫频。每个电芯和电池从三个互相垂直的方向上循环 12 次，3 个小时。						
1.2	Sample status 样品状态						
	b1#~b5#, at first cycle in fully charged states b1#~b5#,在第一个循环完全充电状态						
	b6#~b10#, at 25 cycle in fully charged states b6#~b10#,在第二十五个循环完全充电状态						
1.3	Result 测试结果						
Sample No. 样品编号	Before 测试前		After 测试后		Mass loss 质量损失 (%)	Residual OCV 剩余电压 (%)	Test result 测试结果
	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)			
b1#	19.4578	4.152	19.4575	4.150	0.002	99.95	O
b2#	19.4603	4.142	19.4594	4.139	0.005	99.93	O
b3#	19.4194	4.149	19.4188	4.144	0.003	99.88	O
b4#	19.4513	4.150	19.4506	4.147	0.004	99.93	O
b5#	19.4265	4.140	19.4259	4.139	0.003	99.98	O
b6#	19.3642	4.147	19.3637	4.145	0.003	99.95	O
b7#	19.4597	4.152	19.4585	4.150	0.006	99.95	O
b8#	19.5361	4.150	19.5352	4.147	0.005	99.93	O
b9#	19.4127	4.140	19.4116	4.138	0.006	99.95	O
b10#	19.4176	4.145	19.4171	4.143	0.003	99.95	O
Note: L-Leakage, V-Venting, D -Disassembly, R -Rupture, F-Fire, O-No leakage, no venting, no disassembly, no rupture, no fire. 注: L- 泄漏; V- 排气; D- 解体; R- 破裂; F- 起火; O- 无泄漏、无排气、无解体、无破裂、无起火。							

Appendix 4

附表 4

Test Items 测试项目	38.3.4.4 Shock 38.3.4.4 冲击						
1.1	Test procedure 测试步骤						
	Test cells and batteries shall be secured to the testing machine by means of a rigid mount which will support all mounting surfaces of each battery, Each cell shall be subjected to a half-sine shock of peak acceleration of 150gn and pulse duration of 6 milliseconds. Alternatively, large cells may be subjected to a half-sine shock of peak acceleration of 50gn and pulse duration of 11 milliseconds. Each cell or battery shall be subjected to three shocks in the positive direction and to three shocks in the negative direction in each of three mutually perpendicular mounting positions of the cell or battery for a total of 18 shocks. 被测电芯和电池用坚硬的支架紧固在试验装置上, 支架支撑着每个试验电池的所有安装面。每个电芯须经受 150gn 的最大加速度和脉冲持续时间为 6 毫秒的半正弦波冲击。另外, 大电芯可能经受 50gn 的加速度和脉冲持续时间 11 毫秒的半正弦冲击。每个电池芯或电池应在三个垂直面的正向各承受 3 次冲击, 负向再各承受 3 次冲击, 共 18 次。						
1.2	Sample status 样品状态						
	b1#~b5#, at first cycle in fully charged states b1#~b5#, 在第一个循环完全充电状态						
	b6#~b10#, at 25 cycle in fully charged states b6#~b10#, 在第二十五个循环完全充电状态						
1.3	Result 测试结果						
Sample No. 样品编号	Before 测试前		After 测试后		Mass loss 质量损失 (%)	Residual OCV 剩余电压 (%)	Test result 测试结果
	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)			
b1#	19.4575	4.150	19.4570	4.148	0.003	99.95	O
b2#	19.4594	4.139	19.4589	4.138	0.003	99.98	O
b3#	19.4188	4.144	19.4181	4.144	0.004	100.00	O
b4#	19.4506	4.147	19.4502	4.147	0.002	100.00	O
b5#	19.4259	4.139	19.4251	4.139	0.004	100.00	O
b6#	19.3637	4.145	19.3633	4.142	0.002	99.93	O
b7#	19.4585	4.150	19.4578	4.148	0.004	99.95	O
b8#	19.5352	4.147	19.5347	4.146	0.003	99.98	O
b9#	19.4116	4.138	19.4109	4.138	0.004	100.00	O
b10#	19.4171	4.143	19.4166	4.139	0.003	99.90	O
Note: L-Leakage, V-Venting, D-Disassembly, R-Rupture, F-Fire, O-No leakage, no venting, no disassembly, no rupture, no fire. 注: L- 泄漏; V- 排气; D- 解体; R- 破裂; F- 起火; O- 无泄漏、无排气、无解体、无破裂、无起火。							

Appendix 5

附表 5

Test Items 测试项目	38.3.4.5 External short circuit 38.3.4.5 外部短路			
1.1	Test procedure 测试步骤			
	The cell or battery to be tested shall be heated for a period of time necessary to reach a homogeneous stabilized temperature of $57\pm 4^{\circ}\text{C}$, measured on the external case. This period of time depends on the size and design of the cell or battery and should be assessed and documented. If this assessment is not feasible, the exposure time shall be at least 6 hours for small cells and small batteries, and 12 hours for large cells and large batteries. Then the cell or battery at $57\pm 4^{\circ}\text{C}$ shall be subjected to one short circuit condition with a total external resistance of less than 0.1 ohm. This short circuit condition is continued for at least one hour after the cell or battery external case temperature has returned to $57\pm 4^{\circ}\text{C}$, or in the case of the large batteries, has decreased by half of the maximum temperature increase observed during the test and remains below that value. 待试验电芯或电池的温度须处于稳定状态,使其外壳温度达到 $57\pm 4^{\circ}\text{C}$,测量外表温度,这段时间取决于电芯或电池的尺寸和设计,应该评估和记录。如果这个评估是不可行的,曝光时间应小电芯和小电池至少 6 小时、大电芯和大型电池至少 12 个小时。接着使电芯或电池在 $57\pm 4^{\circ}\text{C}$ 下经受总外阻小于 0.1 欧姆的短路状况。 这一短路状况应在电芯或电池外壳温度恢复至 $57\pm 4^{\circ}\text{C}$ 后至少持续 1 小时。或对于大型电池,已经下降至最高温度的一半,测试期间的观察,仍低于这个值。短路和降温阶段应当至少到环境温度。			
1.2	Sample status 样品状态			
	b1#~b5#, at first cycle in fully charged states b1#~b5#,在第一个循环完全充电状态			
	b6#~b10#, at 25 cycle in fully charged states b6#~b10#,在第二十五个循环完全充电状态			
1.3	Result 测试结果			
Sample No. 样品编号	Voltage Before test(V) 测试前开路电压(V)	Max. External Temperature 样品表面最高温度 ($^{\circ}\text{C}$)	Test result 测试结果	Remark 备注
b1#	4.148	58.1	O	/
b2#	4.138	58.2	O	/
b3#	4.144	58.3	O	/
b4#	4.147	58.3	O	/
b5#	4.139	58.4	O	/
b6#	4.142	57.3	O	/
b7#	4.148	57.1	O	/
b8#	4.146	57.3	O	/
b9#	4.138	57.2	O	/
b10#	4.139	57.2	O	/
Note: D -Disassembly, R -Rupture, F-Fire, O- no disassembly, no rupture, no fire. 注: D- 解体; R- 破裂; F - 起火; O-无解体、无破裂、无起火。				

Appendix 6

附表 6

Test Items 测试项目	Crush 挤压
1.1	Test procedure 测试步骤
	Crush (applicable to prismatic, pouch, coin/button cells and cylindrical cells less than 18mm in diameter) 挤压（适用于棱柱形、袋装、硬币/纽扣电池和直径小于 18 毫米的圆柱形电池） A cell or component cell is to be crushed between two flat surfaces. The crushing is to be gradual with a speed of approximately 1.5cm/s at the first point of contact. The crushing is to be continued until the first of the three options below is reached. (a) The applied force reaches 13kN±0.78kN; (b) The voltage of the cell drops by at least 100mV; or (c) The cell is deformed by 50% or more of its original thickness. 将电池或元件电池放在两个平面之间挤压，挤压力度逐渐加大，在第一个接触点上的速度大约为 1.5 厘米/秒。挤压持续进行，直到出现以下三种情况之一： (a) 施加的力量达到 13 千牛±0.78 千牛； (b) 电池的电压下降至少 100 毫伏；或 (c) 电池变形达原始厚度的 50%或以上。 Once the maximum pressure has been obtained, the voltage drops by 100mV or more, or the cell is deformed by at least 50% of its original thickness, the pressure shall be released. 一旦达到最大压力、电压下降 100 毫伏或更多，或电池变形至少达原厚度的 50%，即可解除压力。 A prismatic or pouch cell shall be crushed by applying the force to the widest side. A button/coin cell shall be crushed by applying the force on its flat surfaces. For cylindrical cells, the crush force shall be applied perpendicular to the longitudinal axis. 棱柱形或袋装电池应从最宽的一面施压。纽扣/硬币形电池应从 其平坦表面施压。圆柱形电池应从与纵轴垂直的方向施压。 Each test cell or component cell is to be subjected to one crush only. The test Samples shall be observed for a further 6 h. The test shall be conducted using test cells or component cells that have not previously been subjected to other tests. 每个试样电池或元件电池只做一次挤压试验。试样应继续观察 6 小时。试验应使用之前未做过其他试验的电池或元件电池进行。
1.2	Sample status 样品状态
	c1#~c5#, at first cycle at 50% of the design rated capacity; c1#~c5#, 在第一个循环 50%的额定容量
	c6#~c10#, after 25 cycles ending at 50% of the design rated capacity c6#~c10#,在第 25 个循环 50%设计额定容量

1.3	Result 测试结果		
Sample No. 样品编号	Voltage Before test(V) 测试前开路电压(V)	Max. External Temperature 样品表面 最高温度(℃)	Test result 测试结果
c1#	3.693	28.5	O
c2#	3.691	28.9	O
c3#	3.690	29.6	O
c4#	3.689	29.8	O
c5#	3.678	28.7	O
c6#	3.693	30.1	O
c7#	3.692	30.5	O
c8#	3.689	29.3	O
c9#	3.691	31.4	O
c10#	3.688	32.3	O

Appendix 7

附表 7

Test Items 测试项目	Overcharge 过度充电		
1.1	Test procedure 测试步骤		
	When the manufacturer’s recommended charge voltage is not more than 18V, the minimum voltage of the test shall be the lesser of two times the maximum charge voltage of the or 22V 制造商建议的充电电压不大于 18 伏时，实验的最小电压应是电池组最大充电电压的两倍或 22 伏两者中的较小者。	The manufacturer’s recommended maximum charge voltage is 4.2V. The manufacturer’s recommended maximum continuous charge current is 750mA.The voltage of the test is 8.4V. And the Current is 1500mA. 厂家推荐最大充电电压为 4.2V，厂家推荐最大充电电流为 750mA.测试的电压为 8.4V，电流为 1500mA。	
	When the manufacturer’s recommended charge voltage is more than 18V, the minimum voltage of the test shall be 1.2 times maximum charge voltage 制造商建议的充电电压大于 18 伏时，实验的最小电压应是最大充电电压的 1.2 倍	/	
1.2	Sample status 样品状态		
	b9#~b12#, at first cycle in fully charged states; b9#~b12#,在第一个循环完全充电状态；		
	b13#~b16#, after 25 cycles ending in fully charged states; b13#~b16#,在第二十五个循环完全充电状态；		
1.3	Result 测试结果		
Sample No. 样品编号	Voltage Before test(V) 测试前开路电压(V)	Test result 测试结果	Remark 备注
b11#	4.186	O	/
b12#	4.184	O	/
b13#	4.184	O	/
b14#	4.181	O	/
b15#	4.183	O	/
b16#	4.184	O	/
b17#	4.186	O	/
b18#	4.185	O	/
Note:D -Disassembly, F-Fire, O- no disassembly, no fire. 注： D- 解体； F - 起火； O-无解体、无起火。			

Appendix 8

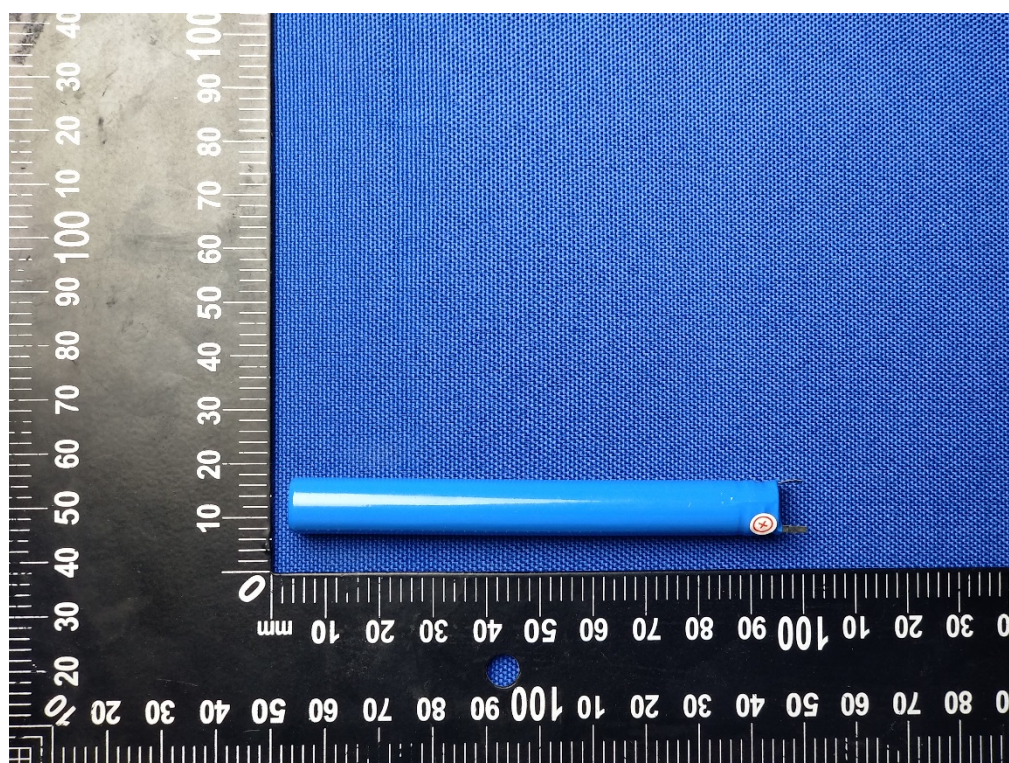
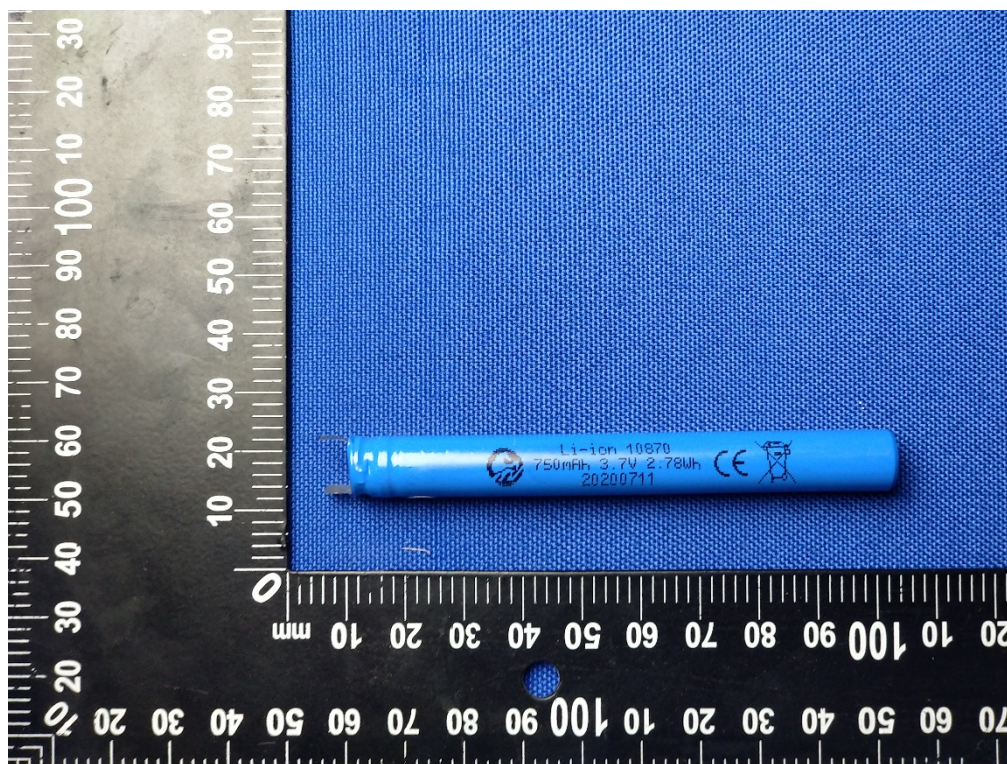
附表 8

Test Items 测试项目	38.3.4.8 Forced discharge 38.3.4.8 强制放电				
1.1	Test procedure 测试步骤				
	Each cell shall be forced discharged at ambient temperature by connecting it in series with a 12V D.C. power supply at an initial current equal to the maximum discharge current specified by the manufacturer. The specified discharge current is to be obtained by connecting a resistive load of the appropriate size and rating in series with the test cell. Each cell shall be forced discharged for a time interval (in hours) equal to its rated capacity divided by the initial test current (in ampere). 在 20±5℃ 的环境温度下，将单个电芯连接在 12V 的直流电源上进行强制放电，此直流电源提供每个电芯初始电流为制造厂指定的最大放电电流，放电时间为额定容量除以初始电流。				
1.2	Sample status 样品状态				
	c11#~c20#, at first cycle in fully discharged states; c11#~c20#, 在第一个循环完全放电状态;				
	c21#~c30#, after 25 cycles ending in fully discharged states; c21#~c30#, 在第二十五个循环完全放电状态;				
1.3	Result 测试结果				
Sample No. 样品编号	Voltage Before test 测试前开路电压 (V)	Test result 测试结果	Sample No. 样品编号	Voltage Before test 测试前开路电压 (V)	Test result 测试结果
C11#	3.446	O	C21#	3.436	O
C12#	3.455	O	C22#	3.432	O
C13#	3.445	O	C23#	3.439	O
C14#	3.433	O	C24#	3.425	O
C15#	3.451	O	C25#	3.441	O
C16#	3.445	O	C26#	3.436	O
C17#	3.438	O	C27#	3.432	O
C18#	3.445	O	C28#	3.434	O
C19#	3.436	O	C29#	3.433	O
C20#	3.438	O	C30#	3.438	O
Note: D - Disassembly, F - Fire, O - no disassembly, no fire. 注: D - 解体; F - 起火; O - 无解体、无起火。					

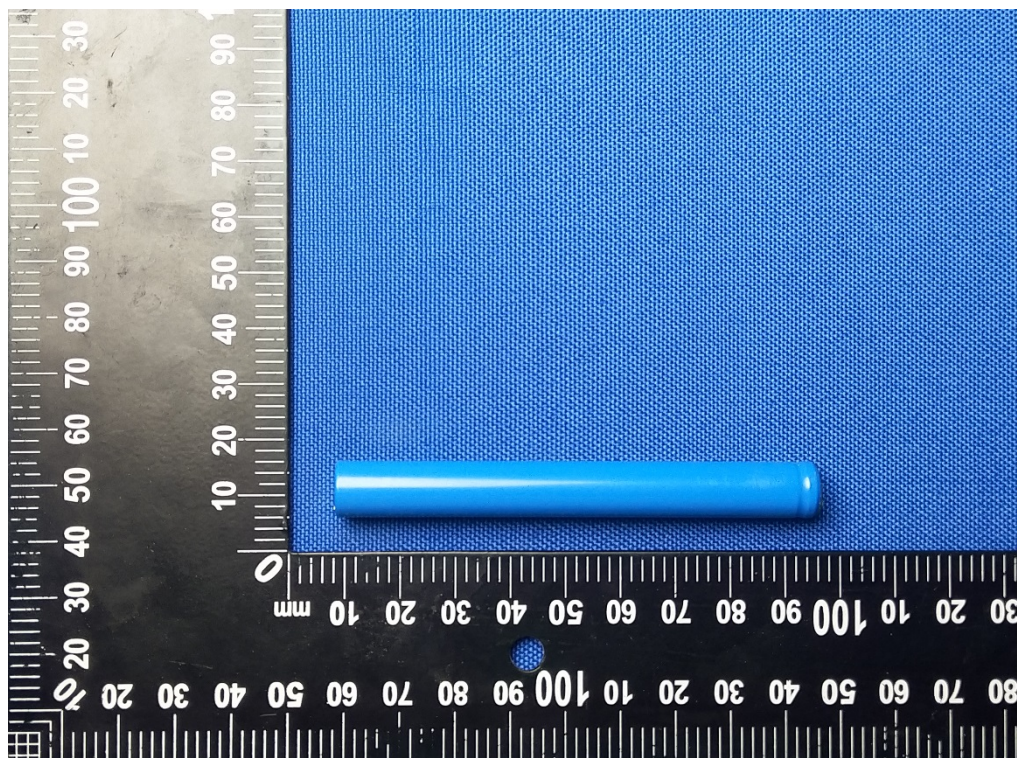
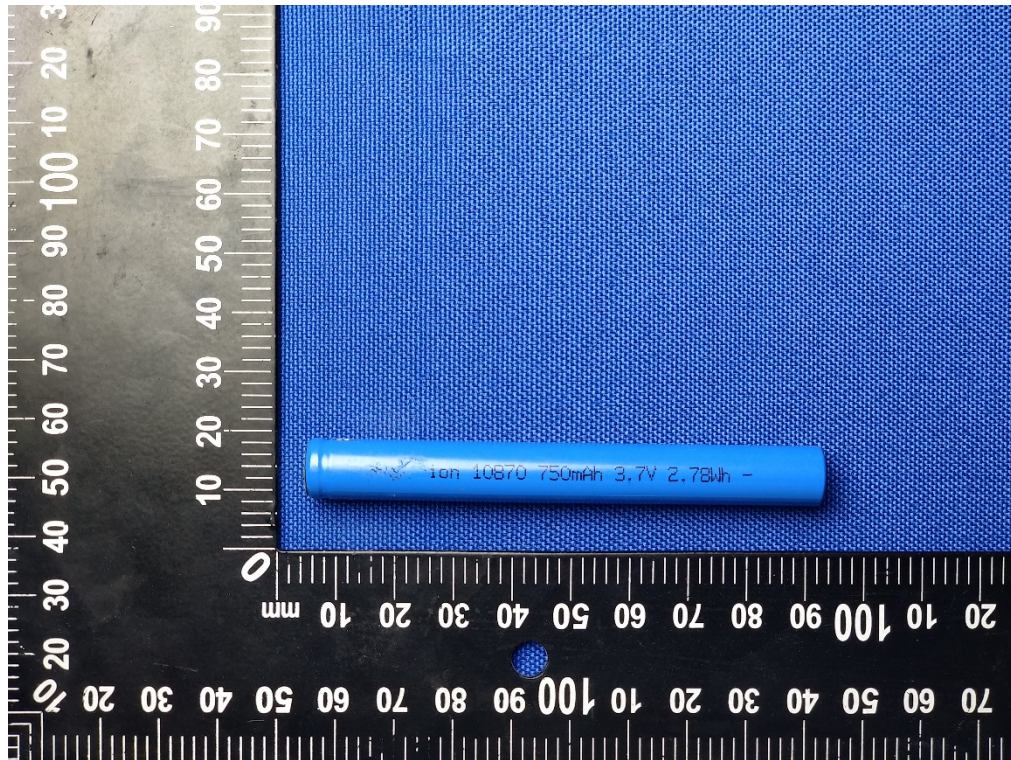
Photos of samples and markings

样品及标识照片

Battery (Li-ion 10870 750mAh 3.7V 2.78Wh)



Cell(ion 10870 750mAh 3.7V 2.78Wh)



声 明

Statement

1. 本报告无检验单位公章、骑缝章无效；

The test report is invalid without the official stamp and Paging seal of Guangzhou jince Technology Co., Ltd.

2. 未经本试验室书面同意，不得部分地复制本报告。

Nobody is allowed to photobopy or partly photobopy this test report without written permission of Guangzhou jince Technology Co., Ltd.

3. 本报告无批准人、审核人及检测人签名无效。

The test report is invalid without the signatures of Ratifier, Reviewer and Testing engineer.

4. 本报告涂改无效。

The test report is invalid if altered.

5. 对检验报告若有异议，应于收到报告之日起十五天内向检验单位提出。

Objeptions to the test report must be submitted to Guangzhou jince Technology Co., Ltd. Within 15 days.

6. 本报告仅对来样负责。

The test report is valid for the tested samples only.

7. 本检验结果中“N/A”表示“不适用”，“P”表示“通过”，“F”表示“不通过”。

As for the test result, “N/A” means “not applibable”, “P” means “pass” and “F” means “fail”.

8. 本报告检测标准或客户对于测量值是否在规定范围内做出符合性判断没有特别要求，不计算与测量结果相关的不确定度。

There is no special requirement for the test standard or the customer to make a conformity judgment on whether the measured value is within the specified range, and the uncertainty related to the measurement result is not calculated.

检测单位：广州市金策技术有限公司

Laboratory: Guangzhou jince Technology Co., Ltd.

地 址：广州市番禺区钟村街钟四环村路 58~60 号之五

Address: No.58~60-5,Zhongsi huancun Road,Zhongcun Street,Panyu District,Guangzhou City

电 话：020-39185069

传 真：020-39185069

邮箱: Alex.Chen@jince-tek.com