





报告编号(Report No.): S-22066218A0

## 检测报告 TEST REPORT

NAME OF SAMPLE: Rechargeable Li-ion Battery

产品名称: 可充电锂离子电池

CLIENT: Chongqing VDL Electronics Co., Ltd.

委托单位: 重庆市紫建电子股份有限公司

CLASSIFICATION OF TEST: Commission test

检测类别:委托测试





Shenzhen Precise Testing Technology Co., Ltd

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	Applicant information
	申请资料
Name of samples: 样品名称 <b>:</b>	Rechargeable Li-ion Battery 可充电锂离子电池
Type/ Model: 型号规格:	491338 3.7V 250mAh 0.925Wh
Lithium content:: 锂含量:	_
Trade mark: 商标:	_
Commission by: 委托单位:	Chongqing VDL Electronics Co., Ltd. 重庆市紫建电子股份有限公司
Commissioner address: 委托单位地址:	Building1-4,Puli Industrial New Area, Zhaojia Street, Kaizhou District, Chongqing, P.R. China 重庆市开州区赵家街道浦里工业新区 1-4 号楼
Manufacturer: 生产单位 <b>:</b>	Chongqing VDL Electronics Co., Ltd. 重庆市紫建电子股份有限公司
Manufacturer address: 生产单位地址:	Building1-4,Puli Industrial New Area, Zhaojia Street, Kaizhou District, Chongqing, P.R. China 重庆市开州区赵家街道浦里工业新区 1-4 号楼
Appearance: 样品外观颜色:	Silver 银色
Sample Type 样品类型	Rechargeable Li-ion Single Cell Battery 可充式锂离子单电芯电池
Sample status: 样品状态 <b>:</b>	Good 完好
Quantity of sample: 样品数量 <b>:</b>	48pcs
Sample identification: 样品标识序号:	c1# ~c48#
Receiving date: 接样日期:	2022-06-16
Testing date: 测试开始日期:	2022-06-16
Completing date: 测试完成日期:	2022-06-30
Conclusion/生论。	

#### Conclusion/结论:

The submitted samples comply with the requirements of UNITED NATIONS Section 38.3 of the seventh revised edition Amend.1 of the Recommendations on the Transport of Dangerous Goods, Manual of Test and Criteria(ST/SG/AC.10/11/Rev.7/Amend.1/Section 38.3)

样品符合联合国《关于危险货物运输的建议书试验和标准手册》第七修订 1第38.3节的要求。

Date of issue: 2022-07-05

Prepared by: 报告编写: 名艺

Reviewed by: 报告审核:





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.,	Test	Conclusion测试结论	rage 3 01 13
No.	Name of test	Test result	Conclusion
序号	测试项目名称	测试结果	本项结论
1	Altitude simulation 高度模拟	See Appendix 1	Р
2	Thermal test 温度测试	See Appendix 2	Р
3	Vibration 振动	See Appendix 3	Р
4	Shock 冲击	See Appendix 4	Р
5	External Short-circuit 外部短路	See Appendix 5	Р
6	Crush 挤压	See Appendix 6	Р
•	Impact 撞击	See Appendix 6	N/A
7	Overcharge 过度充电	See Appendix 7	Р
8	Forced discharge 强制放电	See Appendix 8	Р



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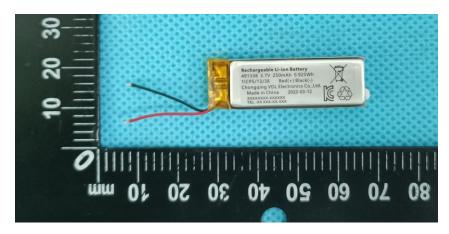
#### Photos of samples and markings

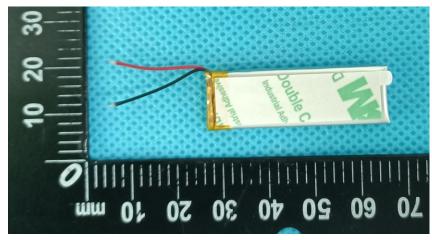
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样品及标识照片

Battery (491338 3.7V 250mAh 0.925Wh)









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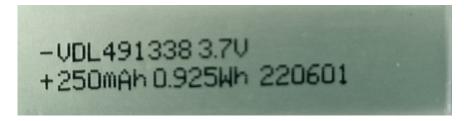
Report No.: S-22066218A0

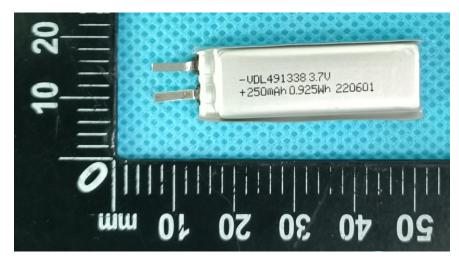
#### Photos of samples and markings

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样品及标识照片

CELL(491338 3.7V 250mAh 0.925Wh)









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Report I	No.: S-2206621	8A0				Page 6 of 1	5
				endix 1			
			門	表 1			
Test Items 测试项目	Altitude sim	ulation					
火火口	高度模拟						
1.1	Test proce测试步骤	dure					
	ambient ten	nperature (20:	±5℃).	-	of 11.6kPa or le 等于11.6kPa的压		
1.2	Sample sta	tue					
1.2	样品状态						
	stares.	•	, ,	·	10#, after 25 cycl 25个循环完全充印	J	lly charged
1.3	Result 测试结果					_	_
Sample No.	Before To	est测试前	After Te	st测试后	Mass loss 质量损失	Residual OCV	Test result
样品编号	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)	(%)	剩余电压 (≥90%)	测试结果
c1#	4.642	4.181	4.642	4.178	0.000	99.93	0
c2#	4.653	4.183	4.653	4.181	0.000	99.95	0
c3#	4.683	4.182	4.683	4.176	0.000	99.86	0
c4#	4.590	4.184	4.590	4.181	0.000	99.93	0
c5#	4.625	4.182	4.625	4.180	0.000	99.95	0
c6#	4.653	4.181	4.653	4.180	0.000	99.98	0
c7#	4.689	4.179	4.689	4.179	0.000	100.00	0
c8#	4.629	4.184	4.629	4.184	0.000	100.00	0
c9#	4.632	4.184	4.632	4.184	0.000	100.00	0
c10#	4.641	4.181	4.640	4.180	0.022	99.98	0

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。



Thermal test

温度测试

Test Items

测试项目

rupture, no fire.

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Appendix 2 附表 2

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1.1	Test proced 测试步骤	e					
	72±2℃, follomaximum tir repeated un for 24 hours 将电芯和电池于6个小时,	owed by stor me interval bo til 10 total cy at ambient to 也在温度为72	rage for at le etween test t cles are com emperature ( ±2℃的条件 <sup>-</sup> 付间隔最长为:	east six hour temperature e pplete, after w (20±5℃). 下贮存不少于	least six hours at s at a test temper extremes in 30 min hich all test cells a 6个小时,然后,在	rature equal to nutes, This proced and batteries are E温度-40±2℃条件	40±2℃, The dure is to be to be stored ‡下贮存不少
1.2	Sample sta 样品状态						
	stares. c1# ~ c5#, 7	-			~ c10#, after 25 c 在第25个循环完全。		ully charged
1.3	Result 测试结果						
Sample No.	Before Te	1		st测试后	Mass loss	Residual OCV	Test
样品编号	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)	质量损失 (%)	剩余电压 (≥90%)	result 测试结果
c1#	4.642	4.178	4.640	4.145	0.043	99.21	0
c2#	4.653	4.181	4.652	4.145	0.021	99.14	0
c3#	4.683	4.176	4.680	4.143	0.064	99.21	0
c4#	4.590	4.181	4.588	4.144	0.044	99.12	0
c5#	4.625	4.180	4.625	4.145	0.000	99.16	0
c6#	4.653	4.180	4.651	4.144	0.043	99.14	0
c7#	4.689	4.179	4.689	4.144	0.000	99.16	0
c8#	4.629	4.184	4.627	4.145	0.043	99.07	0
c9#	4.632	4.184	4.631	4.144	0.022	99.04	0
c10#	4.640	4.180	4.640	4.144	0.000	99.14	0

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。



Test Items | Vibration

c9#

c10#

4.631

4.640

4.144

4.144

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附表 3

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Appendix 3

测试项目	振动						
1.1	Test proced 测试步骤	lure					
	cells in such wave form w minutes, Thi perpendicula 将电芯和电流 200Hz,然后	a manner as vith a logarithr s cycle shall l ar mounting p 地牢固地安装	to faithfully to mic sweep be be repeated fo osition of the 在振动台的f Hz为一个循环	ransmit the vib etween 7 Hz al I2 times for a cell. 台面上,然后 不,一个循环持	of the vibration mac pration, The vibration nd 200 Hz and back total of 3 hours for ea 开始振动。振动以正 持续15分钟的对数扫频	shall be a sin to 7 Hz travers ach of three m 弦波形式,以	usoidal sed in 15 utually .7Hz增加至
1.2	Sample stat 样品状态	tus					
	stares.	•	, ,	·	· c10#, after 25 cycle 第25个循环完全充电	J	ly charged
1.3	Result 测试结果				,		
Sample No.	Before Te	est测试前	After Te	est测试后	Mass loss 质量损失	Residual OCV	Test result
样品编号	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)	(%)	剩余电压 (≥90%)	测试结果
c1#	4.640	4.145	4.640	4.142	0.000	99.93	0
c2#	4.652	4.145	4.651	4.143	0.021	99.95	0
c3#	4.680	4.143	4.678	4.142	0.043	99.98	0
c4#	4.588	4.144	4.586	4.144	0.044	100.00	0
c5#	4.625	4.145	4.624	4.143	0.022	99.95	0
c6#	4.651	4.144	4.650	4.143	0.022	99.98	0
c7#	4.689	4.144	4.688	4.142	0.021	99.95	0
c8#	4.627	4.145	4.627	4.143	0.000	99.95	0

Note: **L**-Leakage, **V**-Venting, **D** -Disassembly, **R** -Rupture, **F**-Fire, **O**-No leakage, no venting, no disassembly, no rupture, no fire.

4.142

4.142

0.000

0.000

99.95

99.95

0

0

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。

4.631

4.640



c7#

c8# c9#

c10#

4.688

4.627

4.631

4.640

4.142

4.143

4.142

4.142

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				endix 4			
			附着	表 4			
Test Items 测试项目	Shock 冲击						
1.1	Test proced 测试步骤	ure					
	to a half-sine may be subje milliseconds.	shock of peak ected to a half- Small batterie	acceleration of a sine shock of a shall be sub	of 150g <sub>n</sub> and peak acceler jected to a ha	machine, and each pulse duration of 6 ation of 50g <sub>n</sub> and pualf-sine shock of pease duration of 6 millise	milliseconds. Ilse duration o ak acceleratio	Large cells of 11 on of 150g <sub>n</sub>
	shall be subject smaller)and purchaseling	ected to a half- oulse duration positive direct	sine of peak a of 11 milliseco tion followed b	acceleration on onds. Each co by three shoc	of 50g <sub>n</sub> (or Accelerate of 50g <sub>n</sub> (or Accelerate ell or battery shall be ks in the negative di for a total of 18 sho	ion(g <sub>n</sub> )= $\sqrt{\frac{30000}{mass}}$ subjected to rection of three	,which is three
	速度撞击,脉	冲持续6毫秒,	大型电芯须经受	受最大加速度	面。对每个电芯以峰 50gn和脉冲持续时间	<b>]11</b> 毫秒的半正	E弦波冲击。
					半正弦的加速度撞击		
	个电池或电池		•		和脉冲持续时间 <b>11</b> 毫 三方向经受三次冲击,		
1.2	Sample stat 样品状态	us					
	stares.	-	, ,		:10#, after 25 cycles :25个循环完全充电。	_	ly charged
1.3	Result 测试结果		<u> </u>	<u> </u>			
Sample No.	Before To	est测试前	After Tes	st测试后	Mass loss	Residual OCV	Test
样品编号	Mass 样品质量 (g)	Voltage 开路电压 (V)	Mass 样品质量 (g)	Voltage 开路电压 (V)	质量损失 (%)	剩余电压 (≥90%)	result 测试结果
c1#	4.640	4.142	4.640	4.142	0.000	100.00	0
c2#	4.651	4.143	4.650	4.143	0.022	100.00	0
c3#	4.678	4.142	4.678	4.142	0.000	100.00	0
c4#	4.586	4.144	4.586	4.144	0.000	100.00	0
c5#	4.624	4.143	4.624	4.142	0.000	99.98	0
c6#	4.650	4.143	4.650	4.142	0.000	99.98	0

Note: **L**-Leakage, **V**-Venting, **D**-Disassembly, **R**-Rupture, **F**-Fire, **O**-No leakage, no venting, no disassembly, no rupture, no fire.

4.141

4.143

4.142

4.142

0.000

0.000

0.000

0.000

99.98

100.00

100.00

100.00

0

0

0

0

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。

4.688

4.627

4.631

4.640



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	Append 似主		
Test Items	附表 External short circuit	<u> </u>	
测试项目	外部短路		
1.1	Test procedure 测试步骤		
	The cell or battery to be tested shall be tell temperature reaches 57±4℃ and then the condition with a total external resistance of condition is continued for at least one how has returned to 57±4℃, the cell or battery to be concluded. 保持试验环境温度稳定在57±4℃,以使电压下,将其正负极用小于0.1欧姆的线路短接、小时以上,对电芯或电池必须进一步观察6	e cell or battery shall be subjected for less than 0.1 ohm at 57±4℃ ar after the cell or battery extend must be observed for a further burner	cted to a short circuit C, This short circuit rnal case temperature er six hour for the test ±4℃,然后,在此温度
1.2	Sample status 样品状态		
	c1#~c5#, at first cycle in fully charged stacharged stares. c1#~c5#, 在第一个循环完全充电; c6#~	,	
1.3	Result 测试结果		
Sample No. 样品编号	Max. External Temperature 样品表面最高温度 (℃)	Test result 测试结果	Remark 备注
c1#	58.3	0	1
c2#	58.2	0	1
c3#	57.9	0	/
c4#	58.0	0	/
c5#	58.1	0	/
c6#	57.8	0	/
c7#	58.6	0	/
c8#	58.2	0	1
c9#	58.4	0	1
c10#	58.5	0	1

Note:  $\bf D$  –Disassembly,  $\bf R$  –Rupture,  $\bf F$  –Fire,  $\bf OT$  –Over Temperature,  $\bf O$  –no disassembly, no rupture, no fire, no Over temperature

注: D- 解体; R- 破裂; F- 起火; OT- 超过170℃; O- 无解体、无破裂、无起火、不超过170℃



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	Appendix 6
Test Items	Crush 挤压/Impact 撞击
测试项目	
1.1	Test procedure
	测试步骤
	⊠ Crush 挤压
	A cell or component cell is to be crushed between two flat surfaces. The crushing is
	to be gradual with a speed of approximately 1.5 cm/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 100 mV; or
	(c) The cell is deformed by 50% or more of its original thickness.
	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.
	电池芯或组成电池芯在两个平面间挤压。挤压在第一个接触点以约1.5cm/s 的速度慢慢
	进行,直到下面三个选项之一达到为止:
	(a)作用力达到 13kN±0.78kN;
	(b)电池芯电压降至少达到100mV;
	(c)电池厚度和最初比较变形至少50%。
	一旦达到最大压力,电压降超过100 mV或者电池芯变形超过50%,压力应该解除。
	□ Impact 撞击
	(applicable to cylindrical cells not less than 18mm in diameter)
	The sample cell or component cell is to be placed on a flat smooth surface. A 15.8
	mm ± 0.1 mm diameter, at least 6 cm long, or the longest dimension of the cell,
	whichever is greater, Type 316 stainless steel bar is to be placed across the centre
	of the sample. A 9.1 kg $\pm$ 0.1 kg mass is to be dropped from a height of 61 $\pm$ 2.5 cm
	at the intersection of the bar and sample in a controlled manner using a near
	Frictionless, vertical sliding track or channel with minimal drag on the falling mass.
	The vertical track or channel used to guide the falling mass shall be oriented 90
	degrees from the horizontal supporting surface.
	The test sample is to be impacted with its longitudinal axis parallel to the flat surface
	and perpendicular to the longitudinal axis of the 15.8 mm ± 0.1 mm diameter curved
	surface lying across the centre of the test sample. Each sample is to be subjected to
	only a single impact.



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	Appendix 6	6	
	附表 6		
Test Items	Crush 挤压/Impact 撞击		
测试项目			
	Cells and component cells meet this	requirement if their externation	al temperature does
	not exceed 170°C and there is no dis	sassembly and no fire duri	ng the test and within
	six hours after this test.		
	(适用于直径不小于18毫米的圆柱形电 其纵轴平行于测试台面年,将一直径 心位置。然后,将一质量为9.1kg±0. 进行试验时,其外表温度应不超过170 无起火现象发生。	为15.8mm±0.1 mm的316型 .1kg的物体从61±2.5 cm的	不锈钢棒横放在电池中 J高度落向样品。样品
1.2	Sample status		
	样品状态	: the plantage water the company	
	c11# ~ c15#, at first cycle at 50% of cycles ending at 50% of the design rec11# ~ c15#, 在第一个循环50%的额容量。	ated capacity.	
1.3	Result		
	测试结果		
Sample No.	Max. External Temperature	Test result	Remark
样品编号		测试结果	F- 11
	样品表面最高温度(℃)	00 6000	备注
c11#	23.2	0	备注 /
c11#	<u> </u>		
	23.2	0	1
c12#	23.2	0	1
c12# c13#	23.2 23.3 24.3	0 0 0	1
c12# c13# c14#	23.2 23.3 24.3 23.1	0 0 0	1
c12# c13# c14# c15#	23.2 23.3 24.3 23.1 23.5	0 0 0 0	1
c12# c13# c14# c15# c16#	23.2 23.3 24.3 23.1 23.5 23.9	0 0 0 0 0	1
c12# c13# c14# c15# c16# c17#	23.2 23.3 24.3 23.1 23.5 23.9 23.9	0 0 0 0 0	1

Note:  ${\bf D}$  -Disassembly,  ${\bf R}$  -Rupture,  ${\bf F}$ -Fire,  ${\bf OT}$  -Over Temperature,  ${\bf O}$ - no disassembly, no fire, no Over temperature

注: D- 解体; R- 破裂; F - 起火; OT- 超过170℃; O-无解体、无起火、不超过170℃



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	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 of voltage of the test shall be the lesser of tw 22V,whichever is less. When the manufacturer is less. When the manufacturer is 2 times of the test shall be current is 2 times of the maximum chargin 如果厂家推荐的充电电压不超过18V,本测电压或者是22V,取其中较小者。如果厂家的厂家标定最大充电电压。充电电流为厂家	ro times the maximum charturer's recommended chart 1.2 times maximum chart g current recommended 试的最小充电电压应该是	narge voltage of the or arge voltage is more than rge voltage. The charging by the manufacturer。是两倍的厂家标定最大充电V,充电电压应该为 1.2倍
1.2	Sample status 样品状态		
	c21#~c24#, at first cycle in fully charged charged states. c21#~c24#, 在第一个循环完全充电; c2		, ,
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
c21#	4.185	0	1
c22#	4.183	0	1
c23#	4.182	0	1
c24#	4.180	0	1
c25#	4.185	0	1
c26#	4.184	0	1
c27#	4.179	0	1
c28#	4.183	0	1

Note: **D** -Disassembly, **F**-Fire, **O**- no disassembly, no fire.

注: D- 解体; F - 起火; O-无解体、无起火。



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		Append	IIX 8		
		附表			
Test Items 测试项目	Forced discharge 强制放电				
1.1	Test procedure 测试步骤				
	a 12V D. C, power specified the manufar a resistive load of the be forced discharged initial test current(in a 在20±5℃的环境温度	supply at an init cturer The specif e appropriate size l for a time interv impere). 下,将单个电芯连	ial current equived discharge of and rating in stral(in hours) equi	perature by connecting al to the maximum discurrent is to be obtained series with the test cell, all to its rated capacity 电源上进行强制放电,且时间为额定容量除以初	scharge curred by connecti , Each cell sh , divided by t 此直流电源提
1.2	Sample status 样品状态				
1.3	fully discharged state c29#~c38#, 在第一 Result	s.	_	39#~c48#, after 25 cy 在第25个循环完全放电	_
1.3	fully discharged state c29#~c38#, 在第一	s. 个循环完全放电;	c39# ~ c48#,	在第25个循环完全放电	₫.
<b>1.3</b> Sample No. 样品编号	fully discharged state c29#~c38#, 在第一 Result	s.	_	·	₫.
Sample No.	fully discharged state c29#~c38#, 在第一 Result 测试结果 Voltage Before test 测试前开路电压	s. 个循环完全放电; Test result	c39# ~ c48#,	在第25个循环完全放电 Voltage Before test 测试前开路电压	王。 Test resul
Sample No. 样品编号	fully discharged state c29#~c38#, 在第一 Result 测试结果 Voltage Before test 测试前开路电压 (V)	s. 个循环完全放电; Test result 测试结果	c39#~c48#, Sample No. 样品编号	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V)	王est resul 测试结果
Sample No. 样品编号 c29#	fully discharged state c29#~c38#, 在第一Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.437	s. 个循环完全放电; Test result 测试结果 O	c39#~c48#, Sample No. 样品编号 c39#	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V) 3.441	Test resul 测试结果 O
Sample No. 样品编号 c29# c30#	fully discharged state c29#~c38#, 在第一Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.437 3.449	S. 个循环完全放电; Test result 测试结果 O O	c39#~c48#, Sample No. 样品编号 c39# c40#	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V) 3.441 3.447	Test resul 测试结果 O
Sample No. 样品编号 c29# c30# c31#	fully discharged state c29#~c38#, 在第一Result 测试结果  Voltage Before test 测试前开路电压 (V)  3.437  3.449  3.454	S. 个循环完全放电; Test result 测试结果 O O	c39#~c48#, Sample No. 样品编号 c39# c40# c41#	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V) 3.441 3.447 3.428	Test resul 测试结果 O O
Sample No. 样品编号 c29# c30# c31# c32#	fully discharged state c29#~c38#, 在第一Result 测试结果  Voltage Before test 测试前开路电压 (V)  3.437  3.449  3.454  3.433	S. 个循环完全放电; Test result 测试结果 O O	c39#~c48#, Sample No. 样品编号 c39# c40# c41# c42#	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V) 3.441 3.447 3.428 3.387	Test resul 测试结果 O O
Sample No. 样品编号 c29# c30# c31# c32# c33#	fully discharged state c29#~c38#, 在第一Result 测试结果  Voltage Before test 测试前开路电压 (V)  3.437  3.449  3.454  3.433  3.419	S. 个循环完全放电; Test result 测试结果 O O O O	c39#~c48#, Sample No. 样品编号 c39# c40# c41# c42# c43#	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V) 3.441 3.447 3.428 3.387 3.439	Test resul 测试结果 O O O
Sample No. 样品编号 c29# c30# c31# c32# c33# c34#	fully discharged state c29#~c38#, 在第一Result 测试结果 Voltage Before test 测试前开路电压 (V) 3.437 3.449 3.454 3.433 3.419 3.419	S. 个循环完全放电; Test result 测试结果 O O O O O	c39#~c48#, Sample No. 样品编号 c39# c40# c41# c42# c43# c44#	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V) 3.441 3.447 3.428 3.387 3.439 3.435	Test resul 测试结果 O O O
Sample No. 样品编号 c29# c30# c31# c32# c33# c34# c35#	fully discharged state c29#~c38#, 在第一Result 测试结果  Voltage Before test 测试前开路电压 (V)  3.437  3.449  3.454  3.433  3.419  3.419  3.417	S. 个循环完全放电; Test result 测试结果 O O O O O O O O	c39#~c48#, Sample No. 样品编号 c39# c40# c41# c42# c43# c44# c45#	在第25个循环完全放电 Voltage Before test 测试前开路电压 (V) 3.441 3.447 3.428 3.387 3.439 3.435 3.439	Test resuli 测试结果  O O O O O O

Note: **D** -Disassembly, **F**-Fire, **O**- no disassembly, no fire.

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## 注意事项

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#### **Important Information**

1. 本报告无批准人签名和"报告专用章"无效。

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- 6. 本检测结果中"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 Applicable", "P" means "Pass" and "F" means "Fail".

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