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UN 38.3 Test Summary

Lithium Cell or Battery Test Summary in Accordance with Sub-section 3.8 of Manual of Test and Criteria

[a] ☐ Cell, ☒ Battery, ☐ Product

Type/Model: 18650-2200 mAh

Part number: 951.010

Test Report:

[d] Report ID: I12292277221D

[e] Issue date: February 2, 2015

[b] Manufacture	Name	Yangjiang STG Manufacturing Corp., LTD.
	Address	The Yuan 2RD Yangdong Industrial Yangjiang, Guangdong, China
	Tel.	+86-0662-6226736
	E-Mail	purchasing@stgmanufacturing.com
	Website	www.suprabeam.com
[c] Test laboratory	Name	Pony Testing International Group Shenzhen Co. Ltd
	Address	1/F., Building A2, Junfeng Zhongcheng Zhizao Innovation Park, Heping Community, Fuhai Road, Baoan District, Shenzhen, Gaungdong, China
	Tel.	+86-755-26050909
	E-Mail	cst@ponytest.com
	Website	www.ponytest.com

[f] Description

(i) ☒ Li-ion, ☐ Li-metal

(ii) Mass: 48 g

(iii) ☒ Watt hour rating, or ☐ Lithium content: 8.14 Wh

(iv) Rechargeable Li-ion battery – single cell battery, 1ICR19/70 at 3.7 V and 2200 mAh. Diameter 19 mm, length 70 mm. Trademark: Suprabeam, Color: Yellow.

(v) ☐ Cell, ☒ Battery, ☐ Product Model numbers/Part number: 18650-2200 mAh /951.010

[g] Test Conducted		Result	Test Conducted		Result
T1	Altitude Simulation	PASS	T5	External Short Circuit	PASS
T2	Thermal Test	PASS	T6	Impact / Crush	PASS
T3	Vibration	PASS	T7	Overcharge	PASS
T4	Shock	PASS	T8	Forced Discharge	PASS

[h] Assembled battery test

38.3.3. (f) Not Applicable 38.3.3 (g) Not Applicable

[i] Test reference: United nations "Recommendation on the Transport of Dangerous Goods" manual of Test and Criteria, ST/SG/AC.10/11/Rev.5 amend.1, amend.2, 38.3.


[j] Signature: Name, Title
Finn Kjaergaard, Technical Manager

January 28, 2020

Issue date
of Test Summary

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Appendix 1

The above tested battery is provided in the following Suprabeam products:

PN	Description
503.51xx	Q3r, 500 lm, 2 x Li-Ion 18650/2'200 mAh, pouch, strap, USB cable, external charging station, USB adapter 230V/10W
504.61xx	Q4xr, 800 lm, 2 x Li-Ion 18650/2200 mAh, belt pouch, strap, external charging base, USB cable, adapter 100-240VAC
951.010	Battery: Li-Ion cell 18650 (2'200 mAh) - 8.14 Wh/3.7V