

# UN38.3 TEST SUMMARY

Test summary according to UN Manual of Tests and Criteria, Part III, sub-section 38.3, paragraph 38.3.5.

<p>(a) Manufacturer : VITZROCELL Co., Ltd.</p> <p>(b) Address : 70, Induspark-ro, Hapdeok-eup, Dangjin-si, Chung-Nam, Korea</p> <p>Phone number : +82 (0)2 2024 3244          Email address : overseas@vitzrocell.com          Website : www.vitzrocell.com</p>	<p>(c) Test Laboratory : Reliability Test Center of Vitzrocell</p> <p>Address : 70, Induspark-ro, Hapdeok-eup, Dangjin-si, Chung-Nam, Korea</p> <p>Phone number : +82 (0)2 2024 3244          Email address : overseas@vitzrocell.com          Website : www.vitzrocell.com</p>
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(d) Unique test report ID-number: 1118AI, 1119AI, 1120AI, 1121AI, 1122AI (e) Date of test reports: 21<sup>st</sup> of Nov, 2019

(f) Description of cell or battery:

(i)  Li-ion cell  **Li-metal cell**  Li-ion battery  Li-metal battery

(ii) Mass, gram : SB-AA02(8.8g), SB-AA11(16g), SB-A01(21g), SB-C02(51g), SB-D02(94g)

(iii) Watt-hour rating:  or **Lithium content**, gram: SB-AA02(0.3g), SB-AA11(0.62g), SB-A01(0.97g), SB-C02(2.18g), SB-D02(4.9g)

(iv) Physical description of the cell or battery: **TEKCELL brand, cylindrical cell**

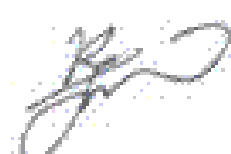
(v) Model number(s): **SB-AA02, SB-AA11, SB-A01, SB-C02, SB-D02**

(g) List of tests conducted and results (i.e., Pass/Fail):

Summary			
No.	Test Clause	Test Performed	Result
T1	38.3.4.1	Altitude simulation	Pass
T2	38.3.4.2	Thermal test	Pass
T3	38.3.4.3	Vibration	Pass
T4	38.3.4.4	Shock	Pass
T5	38.3.4.5	External Short Circuit	Pass
T6	38.3.4.6	Crush/Impact	Pass
T7	38.3.4.7	Overcharge	Not applicable
T8	38.3.4.8	Forced Discharge	Pass

(h) Reference to assembled battery testing requirements:  
 Not Applicable  UN38.3.3 (f)  UN38.3.3 (g)

(i) Reference to the revised edition of the Manual of Tests and Criteria used and to amendments hereto, if any: **UN Manual of Tests and Criteria, acc to. UN38.3 Edition 6.0, amendment 1**

<p>(j) Date : 21<sup>st</sup> of Nov, 2019          Name : Mr. Jung-Min, Kim          Title : Quality Manager</p> <p>Signature: </p>	<p>Date of expiry:  31.12.2021</p>
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