

UN38.3 TEST SUMMARY

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

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| <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: 21st 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**

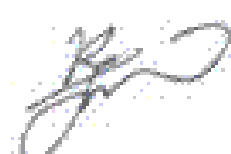
(v) Model number(s): **SB-AA02, SB-AA11, SB-A01, SB-C02, SB-D02**

(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**

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| <p>(j) Date : 21st 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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