



## Certificate of UN Test for Lithium Metal Cell

| Specifications                            |         |                            |       |
|-------------------------------------------|---------|----------------------------|-------|
| Model : CR17450SE [ Shape : Cylindrical ] |         |                            |       |
| Nominal voltage                           | 3V      | Product mass               | 23g   |
| Nominal capacity                          | 2500mAh | Lithium equivalent content | 0.75g |

| Manual of Tests and Criteria / Rev.6 Amendment 1 / 38.3 Lithium metal and lithium ion batteries |                        |              |      |                          |                              |
|-------------------------------------------------------------------------------------------------|------------------------|--------------|------|--------------------------|------------------------------|
| Test report number : D-C-310-05    Date of test report : October 23, 2019                       |                        |              |      |                          |                              |
| No.                                                                                             | Test items             | Test results | Note | Number of test cells     |                              |
| T1                                                                                              | Altitude simulation    | Pass         |      | Undischarged<br>10 cells | Fully discharged<br>10 cells |
| T2                                                                                              | Thermal test           | Pass         |      |                          |                              |
| T3                                                                                              | Vibration              | Pass         |      |                          |                              |
| T4                                                                                              | Shock                  | Pass         |      |                          |                              |
| T5                                                                                              | External short circuit | Pass         |      |                          |                              |
| T6                                                                                              | Crush                  | Pass         |      | Undischarged 5 cells     | Fully discharged 5 cells     |
| T7                                                                                              | Overcharge             | —            |      | —                        |                              |
| T8                                                                                              | Forced discharge       | Pass         |      | —                        | Fully discharged 10 cells    |

| Information           |                                                                                                                                                                                                                                      |                                                                                       |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Manufacturer / Seller | FDK CORPORATION<br>Shinagawa Crystal Square Bldg., 1-6-41 Konan, Minato-ku, Tokyo 108-8212 Japan<br>TEL: +81-3-5715-7400    E-mail: lithium_battery_info@fdk.co.jp<br>Website: <a href="http://www.fdk.com/">http://www.fdk.com/</a> |  |
| Test laboratory       | FDK CORPORATION (Tottori Plant)<br>28 Ohta, Iwami-cho, Iwami-gun, Tottori, 681-0063, Japan    TEL: +81-857-73-1771                                                                                                                   |                                                                                       |

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