

## Lithium Battery Test Summary / UN38.3 試験結果要約

|                             |  |
|-----------------------------|--|
| <b>Product manufacturer</b> | PT. Panasonic Gobel Energy Indonesia                                       |
| Address/住所                  | Jl. Teuku Umar Km. 44, Cikarang Barat Bekasi 17530, Jawa Barat - Indonesia |
| Telephone/電話番号              | -  |
| e-mail                      | un38.3_microbattery@ml.jp.panasonic.com                                    |
| URL                         | https://www.panasonic.com/global/energy.html                               |
| <b>Test laboratory</b>      | Panasonic Energy Co., Ltd. (Changed from Panasonic Corporation.)           |
| Address/住所                  | 1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan                  |
| Telephone/電話番号              | +81-80-9932-3190 (JST Working hours)                                       |
| e-mail                      | un38.3_microbattery@ml.jp.panasonic.com                                    |
| URL                         | https://www.panasonic.com/global/energy.html                               |

### Description of Product / 製品情報

|                           |                               |
|---------------------------|-------------------------------|
| Model Number/品番           | CR2                           |
| Type/タイプ                  |                               |
| Physical description/物理特性 | Non-rechargeable, Cylindrical |
| Mass/質量                   | 11 g                          |
| Lithium content/リチウム含有量   | 0.33 g                        |
| Watt-hour rating/ワット時定格値  | Not applicable                |
| Nominal Voltage/公称電圧      | 3.0 V                         |
| Nominal Capacity/公称容量     | 850 mAh                       |

### Test Results / 結果

|                             |  |
|-----------------------------|--|
| Identification number/番号    | CP0007-9   |
| Date of test report/レポート発行日 | 2020-06-12   |
| Reference edition/参照        | UN Manual of Tests and Criteria, Revision 6 with Amendment 1 |

| UN Manual of Tests and Criteria<br>国連勧告テスト判定基準 | Results<br>結果 | Remarks<br>備考                             |
|--|---------------|---|
| T1 : Altitude simulation / 高度シミュレーション          | Pass / 合格     |   |
| T2 : Thermal Test / 温度試験                       | Pass / 合格     |   |
| T3 : Vibration / 振動                            | Pass / 合格     |   |
| T4 : Shock / 衝撃                                | Pass / 合格     |   |
| T5 : External short circuit / 外部短絡             | Pass / 合格     |   |
| T6 : Impact / 衝突、Crush / 圧壊                    | Pass / 合格     | Crush / 圧壊                                |
| T7 : Overcharge / 過充電                          | -             | for rechargeable batteries only / 充電式電池のみ |
| T8 : Forced discharge / 強制放電                   | Pass / 合格     |   |

Hereby we certify that this model of Lithium battery meets the requirements of each test in the UN Manual of Tests and Criteria Part III, sub-section 38.3. 上記テストは国連勧告テスト (Manual of Tests and Criteria, Part III, sub-section 38.3.) に従って確認された結果であることを証明致します。

Signature: *J. Okamoto*

Name and Title: Jiro Okamoto / Manager  
Energy Device Business Division