

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

|                             |   |
|-----------------------------|---|
| <b>Product manufacturer</b> | Panasonic Corporation                                     |
| Address/住所                  | 1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan |
| Telephone/電話番号              | +81-6-6994-4560   |
| e-mail                      | un38.3_microbattery@ml.jp.panasonic.com                   |
| URL                         | https://www.panasonic.com/global/home.html                |
| <b>Test laboratory</b>      | Panasonic Corporation                                     |
| Address/住所                  | 1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan |
| Telephone/電話番号              | +81-6-6994-4560   |
| e-mail                      | un38.3_microbattery@ml.jp.panasonic.com                   |
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### Description of Product / 製品情報

|                           |                        |
|---------------------------|------------------------|
| Model Number/品番           | CR2450                 |
| Type/タイプ                  | Lithium metal cell     |
| Physical description/物理特性 | Non-rechargeable, Coin |
| Mass/質量                   | 6.3 g                  |
| Lithium content/リチウム含有量   | 0.18 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     | 620 mAh                |


### Test Results / 結果

|                             |  |
|-----------------------------|--|
| Identification number/番号    | CP0024-7   |
| Date of test report/レポート発行日 | 2009/01/21   |
| Reference edition/参照        | UN Manual of Tests and Criteria, Rev.4 with Amd. 1 and Amd.2 |

| 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     | Impact / 衝突                               |
| 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.)に従い確認された結果であることを証明致します。

Signature: 

Name and Title: Kazuyuki Amano / Manager  
Energy Device Business Division