

**LITHIUM CELLS OR BATTERIES TEST SUMMARY AND CERTIFICATION
IN ACCORDANCE WITH SUB-SECTION 38.3
OF MANUAL OF TESTS AND CRITERIA**

BATTERY TRANSPORTATION INFORMATION

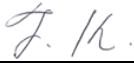
<p>Name of cell, battery or product manufacture, as applicable:</p> <p>Item Name Model name : CR2450HR WK Internal cell : CR2450HR</p> <p>Normal voltage 3V Rated capacity 550mAh</p> <p>Item Description Lithium-metal battery</p>	<p>Cell, battery or product manufacturer's contact information to include address, phone number, email address and website for more information:</p> <p>Maxell, Ltd. 5 Takumidai, Ono-Shi, Hyogo, 675-1322 Japan Phone: (+81) 794-63-8054 e-mail: takashi-kimura@maxell.co.jp Web: http://www.maxell.co.jp</p>
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<p>Name of the test laboratory to include address, phone number, email address and website for more information</p> <p>Maxell, Ltd. 1 Koizumi, Oyamazaki, Oyamazaki-cho, Otokuni-gun, Kyoto, 618-8525 Japan Phone: (+81) 75-956-4148 email: masahiko-takai@maxell.co.jp Web: http://www.maxell.co.jp</p>	<p>Test report identification number: C-1910-13</p> <p>Date of the test report: October 15, 2019</p>
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<p>Description of cell or battery to include at a minimum: Lithium ion or <u>Lithium metal cell</u> or battery Mass; Watt-hour rating, or <u>Lithium content</u>, Physical description of the cell/battery; and Model Number</p> <p>Cell or battery Type : Single cell battery</p> <p>Lithium content : 0.15g</p> <p>Cell or Battery Weight : 7.3g</p> <p>Physical description : Label and insulated tape</p>	<p>List of test conducted and results(i.e. Pass/Fail)</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Test number</th> <th rowspan="2">Designation</th> <th rowspan="2">Results</th> <th colspan="3">Applicable</th> </tr> <tr> <th>cell</th> <th>Single cell battery</th> <th>battery</th> </tr> </thead> <tbody> <tr> <td>T-1</td> <td>Altitude</td> <td>Not applicable</td> <td>⌋</td> <td></td> <td>⌋</td> </tr> <tr> <td>T-2</td> <td>Thermal cycling</td> <td>Not applicable</td> <td>⌋</td> <td></td> <td>⌋</td> </tr> <tr> <td>T-3</td> <td>Vibration</td> <td>Not applicable</td> <td>⌋</td> <td></td> <td>⌋</td> </tr> <tr> <td>T-4</td> <td>Shock</td> <td>Not applicable</td> <td>⌋</td> <td></td> <td>⌋</td> </tr> <tr> <td>T-5</td> <td>External short circuit</td> <td>Not applicable</td> <td>⌋</td> <td></td> <td>⌋</td> </tr> <tr> <td>T-6</td> <td>Impact / Crush</td> <td>Not applicable</td> <td>⌋</td> <td></td> <td></td> </tr> <tr> <td>T-7</td> <td>Overcharge</td> <td>Not applicable</td> <td></td> <td>⌋</td> <td>⌋</td> </tr> <tr> <td>T-8</td> <td>Forced Discharge</td> <td>Not applicable</td> <td>⌋</td> <td></td> <td></td> </tr> </tbody> </table>	Test number	Designation	Results	Applicable			cell	Single cell battery	battery	T-1	Altitude	Not applicable	⌋		⌋	T-2	Thermal cycling	Not applicable	⌋		⌋	T-3	Vibration	Not applicable	⌋		⌋	T-4	Shock	Not applicable	⌋		⌋	T-5	External short circuit	Not applicable	⌋		⌋	T-6	Impact / Crush	Not applicable	⌋			T-7	Overcharge	Not applicable		⌋	⌋	T-8	Forced Discharge	Not applicable	⌋		
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<p>Reference to assembled battery testing requirements, if applicable(i.e. 38.3.3 (f) and 38.3.3 (g))</p> <p>Not applicable</p>	<p>Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any:</p> <p>Revision 6, Amendment 1 (2019-)</p>	<p>For air transport only: Does the cell or battery comply with the 30% State of Charge?</p> <p>Not applicable</p>
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PRODUCT CLASSIFICATION FOR TRANSPORT(According to UN-DGP)

<p>UN Classification, UN3090</p>	<p>Proper Sipping Name: Lithium Metal Batteries</p>
<p>Signature with name and title of signatory as an indication of the validity information provided.</p> <p style="text-align: center;">Takashi Kimura / General Manager, Design Department</p> <p>Signature</p>  <p>Phone: (+81) 794-63-8054 e-mail: takashi-kimura@maxell.co.jp</p>	<p>This document remains valid as long as no changes, modifications or additions are made to the model(s) described in this document, after being transported from a Manufacturer MAXELL, LTD. The model(s) has(have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model(s) must be packaged, labeled and documented according to country and other international regulations for transportation.</p>
<p>Date document was generated</p> <p>December 26, 2019</p>	