様式-1-1 (221019)

C250101-5

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

BATTERY TRANSPORTION INFORMATION

Name of cell, battery or product manufacture, as applicable:

Item Name **Model name : CR2032**

Normal voltage **3V**
Rated capacity **220mAh**

Item Description **Lithium metal cell / battery**

Cell, battery or product manufacturer's contact information to include address, phone number, email address and website for more information:

Maxell, Ltd.
5 Takumidai, Ono-Shi, Hyogo, 675-1322 Japan
Phone: (+81) 794-63-8054
e-mail: md_tech_support@maxell.co.jp
Web: https://www.maxell.co.jp

Name of the test laboratory to include address, phone number, email address and website for more information

Maxell, Ltd.
1 Koizumi, Oyamazaki, Oyamazaki-cho, Otokuni-gun, Kyoto, 618-8525 Japan
Phone: (+81) 75-956-4148
e-mail: md_tech_support@maxell.co.jp
Web: https://www.maxell.co.jp

Test report identification number:
C-1804-1

Date of the test report:
May 11, 2018

Description of cell or battery to include at a minimum: Lithium ion or Lithium metal cell or battery Mass; Watt-hour rating, or Lithium content, Physical description of the cell/battery; and Model Number

Cell / battery Type : **Lithium metal**

Cell or Battery **Cell**

Lithium content : **0.07g**

Cell or Battery Weight : **3g**

Physical description : **Coin type**

List of test conducted and results(i.e. Pass/Fail)

Test number	Designation	Results
T-1	Altitude Simulation	Pass
T-2	Thermal Test	Pass
T-3	Vibration	Pass
T-4	Shock	Pass
T-5	External short circuit	Pass
T-6	Impact / Crush	Pass
T-7	Overcharge *	Not applicable
T-8	Forced Discharge	Pass

* Only secondary battery with protection element

Reference to assembled battery testing requirements, if applicable(i.e. 38.3.3 (f) and 38.3.3 (g))

Not applicable

Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto, if any:

Revision 6

For air transport only: Does the cell or battery comply with the 30% State of Charge?

Not applicable

PRODUCT CLASSIFICATION FOR TRANSPORT(According to UN-DGP)

UN Classification,

UN3090

Proper Shipping Name:

Lithium Metal Batteries

Signature with name and title of signatory as an indication of the validity information provided.

Keisuke Kawabe / Senior Manager, MD Engineering Departme

Signature

Phone: (+81) 794-63-8054
e-mail: md_tech_support@maxell.co.jp

Date document was generated

January 1, 2025

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.