



Supplier's Test Summary

in accordance with UN Manual of Tests and Criteria
Part III, subsection 38.3
ISO/IEC 17050-1 Format

Test summary no. 2020-05-18-01

Information about the manufacturer

Name PT. VARTA Microbattery (Indonesia)
Address Batamindo Industrial Park
Jalan Gaharu Lot 23, Jalan Angsana Lot 307-310
Mukakuning Batam, Kepulauan Riau 29433, Indonesia

Object of the declaration

Type of battery Rechargeable lithium ion battery
Article 1/LPP 523450 S PCM W
Material no. 715555
VKB no. 56457 201 012
IEC Designation 1ICP6/35/51
Voltage 3.7V
Watt-hour rating 3.7Wh
Mass (approx.) 20g

The object of the declaration described above is in conformity with the requirements of the following document:

Documents No.	Title	Edition / Date of issue
ST/SG/AC.10/11/Rev.6 Amend. 1	Recommendations on the Transport of Dangerous Goods, UN Manual of Tests and Criteria, Part III, subsection 38.3	2017

Test Report

Document ref no. JTA0207
Document date 2020-05-04

List of Tests conducted and results

Test Item	Test Result	Test Item	Test Result
T1. Altitude Simulation	Pass	T5. External Short-circuit	Pass
T2. Thermal Test	Pass	T6. Crush	Pass*
T3. Vibration	Pass	T7. Overcharge	Pass
T4. Shock	Pass	T8. Forced Discharge	Pass*

* Reference to report of LPP 523450 S cell

Test laboratory

The tests were performed by the following test laboratory

Name	PT. VARTA Microbattery (Indonesia)
Address	Application Test Lab Batamindo Industrial Park Jalan Angsana Lot 310 Mukakuning Batam Kepulauan Riau 29433 Indonesia
Phone	+62 770611099
E-mail	info@varta-microbattery.com
Website	www.varta-microbattery.com

VARTA Microbattery Pte Ltd
300 Tampines Avenue 5
#05-01 Income@Tampines Junction
Singapore 529653

Phone : (65) 6260 5801
Fax : (65) 6260 5812
info@varta-microbattery.com
www.varta-microbattery.com
RCB (Certificate of Incorporation) No. 197201703

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A Company of VARTA AG, VARTA-Platz 1, 73479 Ellwangen, Germany



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Additional information

In original VARTA packaging the products comply with the following special provisions of international transport regulations:

- ADR/RID/ADN/IMDG Code: Special Provision 188
- DOT / 49 CFR: §173.185 (c) (sea and land transport only)

VARTA packaging for this product is not designed for air transport.

State of charge of the batteries is greater than 30 % and thus not appropriate for air transport.

The products have been manufactured under a quality management programme according to ADR clause 2.2.9.1.7 (e) and IMDG code clause 2.9.4.5.

Singapore, 18 May 2020
(place and date of issue)



(company stamp)

(signature)
Eric Tan
Manager
Technical Support