



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. 2020-12-04-01(T)

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 2P/LPP 454261 8TSH PCM PC — SOC 30%
Material no. 800188 (inmarsat SAS2)
VKB no. 56426 702 013
IEC Designation 1ICP5/42/61-2
Voltage 3.7V
Watt-hour rating 12Wh
Mass (approx.) 74g

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. JTA1004
Document date 2020-12-02

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. Impact	Pass*
T3. Vibration	Pass	T7. Overcharge	Pass
T4. Shock	Pass	T8. Forced Discharge	Pass*

* Reference to report of LPP 454261 8TSH 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



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Additional information

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

- IATA DGR: Packing Instruction 965 Section IB (max. 30 % state of charge)
(Transportations of cells or batteries packed with equipment or contained in equipment have to follow Packing Instructions 966 or 967 Section II.)
- ADR/RID/ADN/IMDG Code: Special Provision 188
- DOT / 49 CFR: §173.185 (c)

The products have been manufactured under a quality management programme according to IATA DGR clause 3.9.2.6, ADR clause 2.2.9.1.7 (e) and IMDG code clause 2.9.4.5.

Singapore, 4 December 2020
(place and date of issue)



(company stamp)

(signature)
Eric Tan
Manager
Technical Support