



# 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. 2019-08-30-01

## 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 683566 BE PCM WC – SOC 30%  
**Material no.** 725988 #  
**VKB no.** 56432 201 017  
**IEC Designation** 1ICP7/35/66  
**Voltage** 3.7V  
**Watt-hour rating** 7.0Wh  
**Mass (approx.)** 40g

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 | Recommendations on the Transport of Dangerous Goods,<br>UN Manual of Tests and Criteria, Part III, subsection 38.3 | 2015                    |

## Test Report

**Document ref no.** JT70208  
**Document date** 2017-04-03

## 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 683566 BE cell

# Material No. 725988 is SOC 30% of Material No. 723947, equivalent to Material No. 718880 of test samples

## Test laboratory

The tests were performed by the following test laboratory

|                |  |
|----------------|--|
| <b>Name</b>    | PT. VARTA Microbattery (Indonesia)   |
| <b>Address</b> | Application Test Lab<br>Batamindo Industrial Park<br>Jalan Angsana Lot 310<br>Mukakuning Batam<br>Kepulauan Riau 29433 Indonesia |
| <b>Phone</b>   | +62 770611099  |
| <b>E-mail</b>  | <a href="mailto:info@varta-microbattery.com">info@varta-microbattery.com</a>   |
| <b>Website</b> | <a href="http://www.varta-microbattery.com">www.varta-microbattery.com</a>   |

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

Phone : (65) 6260 5801  
Fax : (65) 6260 5812  
[info@varta-microbattery.com](mailto:info@varta-microbattery.com)  
[www.varta-microbattery.com](http://www.varta-microbattery.com)  
RCB (Certificate of Incorporation) No. 197201703K

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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 3.9.2.6.1 (e), ADR clause 2.2.9.1.7 (e) and IMDG code clause 2.9.4.5.

Singapore, 30 August 2019  
(place and date of issue)



(company stamp)

(signature)  
(Low Chee Leong)  
Manager  
Technical Support