



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. 2019-12-04-01

Information about the manufacturer

Name VARTA Microbattery SRL
Address Bulevardul Grivitei 1X, 500177 Braşov, ROMANIA

Object of the declaration

Type of battery Rechargeable lithium ion battery
Article 10S/LIC18650-VTC5AH.PCM.PC — SOC 30%
Material no. 721755 (*Desoutter Ref: 6158132670*)
VKB no. 56646 710 098
IEC Designation 10INR19/66
Voltage 36V
Watt-hour rating 90Wh
Mass (approx.) 770g

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. BATT-4788780710-UN38.3-B
Document date 2019-06-27

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 LIC 18650-VTC5AH cell

Test Laboratory

The tests were performed by the following test laboratory

Name	Underwriters Laboratories Taiwan Co., Ltd.
Address	260 Da-Yeh Road, Peitou, Taipei City Taiwan 112
Phone	+886 228967790
E-mail	customerservice.tw@ul.com
Website	www.ul.com



Supplier's Test Summary

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

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, 4 December 2019
(place and date of issue)



(company stamp)

(signature)
(Low Chee Leong)
Manager
Technical Support