Supplier's Test Summary

in accordance with UN Manual of Tests and Criteria
Part III, subsection 38.3
ST/SG/AC.10/11/Rev.6/Amend.1

Test report identification no.:	2019-04-08-01	
Producer:	PT. VARTA Microbattery (Indonesia)	
Test Laboratory:	Application Test Lab PT. VARTA Microbattery (Indonesia) Batam Industrial Park Jalan Angsana BLK 309 & 310, Mukakuning Pulau Batam Riau 29433 Indonesia	
Lab-internal reference no.:	JT60611	
Lab-internal test date:	2016-08-26	
Object of the declaration:	*Type of battery:*	Rechargeable Lithium ion battery
	Article:	3P/LIC18650-29EC PCM PC – SOC 30%
	Material no.:	717740
	VKB no.:	56636 703 098
	IEC Designation:	1INR19/65-3
	Voltage:	3.65V
	Watt-hour rating:	32Wh
	Mass (approx.):	180 g

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.5/ Amend. 1	Recommendations on the Transport of Dangerous Goods, UN Manual of Tests and Criteria, Part III, subsection 38.3	2011

List of tests conducted and results:

Test Item	Test Result
T1. Altitude simulation	Pass
T2. Thermal test	Pass
T3. Vibration	Pass
T4. Shock	Pass
T5. External short circuit	Pass
T6. Impact	Pass*
T7. Overcharge	Pass
T8. Forced Discharge	Pass*

**Reference to report of LIC18650-29EC cell*

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, 8 April 2019
(place and date of issue)

(company stamp)

(signature)
(Low Chee Leong)
Manager
Technical Support

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
www.varta-microbattery.com
RCB (Certificate of Incorporation) No. 197201703K

A Company of **VARTA AG**, Daimlerstr. 1, 73479 Ellwangen, Germany