



# 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.:** 2019-06-11-01  
**Producer:** PT. VARTA Microbattery  
**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.:** JT50311  
**Lab-internal test date:** 2015-05-04  
**Object of the declaration:**  
**Type of battery:** Rechargeable Lithium ion battery  
**Article:** 1/LPP 443441 S PCM W  
**Material no.:** 714359  
**VKB no.:** 56455 201 012  
**IEC Designation:** 1ICP5/34/39  
**Voltage:** 3.7V  
**Watt-hour rating:** 2.5Wh  
**Mass (approx.):** 13 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	Recommendations on the Transport of Dangerous Goods, UN Manual of Tests and Criteria, Part III, subsection 38.3	2009
Amend. 1		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. Crush	Pass*
T7. Overcharge	Pass
T8. Forced Discharge	Pass*

\* Reference to report of LPP 443441 S cell

**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.

Singapore, 11 Jun 2019  
(place and date of issue)



(company stamp)

(signature)  
(Low Chee Leong)  
Manager  
Technical Support

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RCB (Certificate of Incorporation) No. 197201703K

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