

Information about the manufacturer

Name VARTA Microbattery GmbH
Address Daimlerstrasse 1
73479 Ellwangen
Germany
Phone +49 7961 921-0
E-mail info@varta-microbattery.com
Website www.varta-microbattery.com

Description of the product

Type Lithium ion cell
Physical description Rechargeable lithium ion button cell

Product test information

Each object of this declaration has been tested and was found to be compliant with the UN Manual of Test and Criteria, Part III, subsection 38.3. This includes all single cells and battery assemblies containing not more than one cell of those given in the following list.

| Model | Mass | Wh rating | Edition of the manual of test and criteria ST/SG/AC.10/11 | Test report number | Test report date |
|----------|-------|-----------|---|--------------------|------------------|
| CP1654A3 | 3.0 g | 0.4 Wh | Rev. 5 Amend. 2 (2013) | 1116080198 | 2016-10-18 |

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. Crush | pass |
| T3. Vibration | pass | T7. Overcharge | N/A |
| T4. Shock | pass | T8. Forced Discharge | pass |

Test laboratories

The tests were performed by the following test laboratory.

| | |
|---------|---|
| Name | Shanghai Research Institute of Chemical Industry Testing Centre (SRICI) |
| Address | No. 345 Yunling East Road, Pudong Shanghai 200062 China |
| Phone | +86 21-52569800 |
| E-mail | msds123@gmail.com |
| Website | www.ghs.cn |

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 program 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.

Ellwangen, 2019-05-27

(place and date of issue)



(company stamp)



Dr. Sebastian Röhler
Manager Product Compliance

(signature)