

Information about the manufacturer

Name VARTA Microbattery GmbH
Address VARTA-Platz 1
73479 Ellwangen
Germany
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E-mail info@varta-microbattery.com
Website www.varta-microbattery.com

Description of the product

Type Lithium metal cell
Physical description Primary cylindrical Lithium metal 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	Lithium content	Edition of the manual of test and criteria ST/SG/AC.10/11	Test report number	Test report date
CR123A-R	17 g	0.50 g	Revision 6 (2015)	1117070257	2017-09-05
CR123A	17 g	0.58 g	Revision 5, 2 nd Amendment (2013)	1117030026	2017-07-20

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 968 Section IB
(Transportations of cells or batteries packed with equipment or contained in equipment have to follow Packing Instructions 969 or 970 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, 2019-10-30

(place and date of issue)

VARTA Microbattery GmbH
VARTA-Platz 1
D-73479 Ellwangen
Germany


(company stamp)

i. A. 

(signature)

Sebastian Röhler
Manager Product Compliance