



## Supplier's Test Summary

in accordance with UN Manual of Tests and Criteria  
Part III, subsection 38.3

### Information about the manufacturer

Name VARTA Microbattery GmbH  
Address VARTA-Platz 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 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	Rev. 6	1117070257	2017-09-05
			Rev. 6, Amend. 1	1120090521	2020-11-17
			Rev. 7	1121070324	2021-08-19
CR123A	17 g	0.58 g	Rev. 5, Amend. 2	1117030026	2017-07-20

### List of tests conducted and results

Test Item	Test Result	Test Item	Test Result
T.1 Altitude simulation	pass	T.5 External short circuit	pass
T.2 Thermal test	pass	T.6 Impact/Crush	pass
T.3 Vibration	pass	T.7 Overcharge	N/A
T.4 Shock	pass	T.8 Forced Discharge	pass



## Test laboratories

The tests were performed by one of the following test laboratories.

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, 2021-11-29

*Place and date of issue*



*Company stamp*

Dr. Sebastian Röhrer  
Manager Product Compliance

*Signature, name and title*