



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 lithium metal 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	Lithium content	Edition of the manual of test and criteria ST/SG/AC.10/11	Test report number	Test report date
CR2430	4 g	0.09 g	Rev. 6 / Amend. 1	1120060504	2020-07-28
CR2430-P	4.3 g	0.067 g	Rev. 7	1122110381	2022-12-26

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 Institute of Chemical Industry Testing Co., Ltd	Name	Guangzhou MCM Certification and Testing Co., Ltd
Address	No. 345 East Yunling Road, Putuo Shanghai 200062 China	Address	1 F No. 13, Zhong San Section, Shi Guang Road, Panyu District, Guanzhou City, Guangdong Province, China
Phone	+86 21 31765555	Phone	+86 20 34777662
E-mail	battery@ghs.cn	E-mail	markmiao@mcmtek.com
Website	www.ghs.cn	Website	www.mcmtek.com

Additional information

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, 2023-01-19

Place and date of issue



Company stamp

DocuSigned by:
i.v. Sebastian Röhler
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Dr. Sebastian Röhler
Manager Product Compliance

Signature, name and title