



## 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 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
CP1454A4	2.4 g	0.5 Wh	Seventh revised edition	21130	2021-04-19
			Seventh revised edition	21322	2021-07-05
CP1454A4X	2.4 g	0.5 Wh	Seventh revised edition	21131	2021-03-31
			Seventh revised edition	21132	2021-03-31

### 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 the following test laboratory.

Name	VARTA Microbattery GmbH Safety test lab
Address	VARTA-Platz 1 73479 Ellwangen Germany
Phone	+49 7961 921-0
E-mail	info@varta-microbattery.com
Website	www.varta-microbattery.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, 2021-07-07

*Place and date of issue*



*Company stamp*

Dr. Sebastian Röhler  
Manager Product Compliance

*Signature, name and title*