

LITHIUM CELL/BATTERY TEST SUMMARY

IN ACCORDANCE WITH SUB-SECTION 38.3
OF MANUAL OF TESTS AND CRITERIA



N/A = Not Applicable

1. Name of cell / battery

CR123(A) Lithium Manganese Dioxide Battery

2. Manufacturer of cell / battery / product

Name	Ansmann AG
Address	Industriestr. 10, 97959 Assamstadt
Phone	+49 6294 4204-0
Email	info@ansmann.de
Website	www.ansmann.de

3. Test laboratory of cell / battery / product

Name	VKan Certification & Testing Co., Ltd.
Address	No.3, Tiantaiyi Road, Kaitai Avenue, Science City, Guangzhou, P.R. China
Phone	0086-20-32293888
Email	office@cvc.org.cn
Website	http://www.cvc.org.cn

4. ID-number and date

Unique test report identification number	RZUN2018-0515	Date of test report	31.01.2018
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DESCRIPTION OF CELL / BATTERY

5. Mark the type of cell/battery with an "•"

☐ Lithium ion cell	☐ Lithium metal cell
☐ Lithium ion battery	☐ Lithium metal battery

6. Parameters	Cell	Battery
Mass in gram (g):	16.1	
Lithium ion: Indicate watt-hour rating (Wh):		
Lithium metal: Indicate lithium metal content in gram (g):	0.55	

7. Physical description of cell / battery

cylindrical cell, diameter 16.5mm, height 34mm; nom. voltage 3.0V

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Name of cell/battery (taken from field 1)

CR123(A) Lithium Manganese Dioxide Battery

8. Model numbers

Ansmann part no.: 5020011; 5020012; 1520-0017; 1520-0011; 1520-0009; 1510-0029; 1520-0020

TESTS AND RESULTS

9. List of tests conducted and results - Mark N/A, pass or fail with an "•"	N/A	pass	fail
T1 - Altitude simulation	☐	☒	☐
T2 - Thermal Test	☐	☒	☐
T3 - Vibration	☐	☒	☐
T4 - Shock	☐	☒	☐
T5 - External Short Circuit	☐	☒	☐
T6 - Impact / Crush	☐	☒	☐
T7 - Overcharge	☒	☐	☐
T8 - Forced Discharge	☐	☒	☐
	☐	☐	☐
	☐	☐	☐

10. Reference to assembled battery testing requirements

	N/A	

11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto

ST/SG/AC.10/11/Rev.6 section 38.3

12. The manufacture of the cell / battery is in accordance with the documented quality management system as required by the regulations.

13. Place, Date	14. Title, Surname, First name	15. Company stamp and signature
Assamstadt, 03.02.2021	Technician, Gramlich, Timo	Timo Gramlich Digital unterschrieben von Timo Gramlich Datum: 2021.02.03 15:04:06 +01'00'