

# LITHIUM CELL/BATTERY TEST SUMMARY

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



N/A = Not Applicable

<b>1. Name of cell / battery</b>
CRI23A 3,0V 1400mAh

<b>2. Manufacturer of cell / battery / product</b>	
Name	Ansmann AG
Address	Industriestr. 10, 97959 Assamstadt
Phone	+49 6294 4204-0
Email	info@ansmann.de
Website	www.ansmann.de

<b>3. Test laboratory of cell / battery / product</b>	
Name	Vkan CVC Guangzhou
Address	No.3. Tiantai Yi Rd, Kaitai Avenue, Science City Guangzhou, 510663, China
Phone	+86 20 3229 3888
Email	office@cvc.org.cn
Website	http://www.cvc.org.cn

<b>4. ID-number and date</b>			
Unique test report identification number	RZUN2016-4348	Date of test report	06.01.2017

## DESCRIPTION OF CELL / BATTERY

<b>5. Mark the type of cell/battery with an "•"</b>			
<input type="radio"/> Lithium ion cell		Lithium metal cell	<input checked="" type="radio"/>
<input type="radio"/> Lithium ion battery		Lithium metal battery	<input type="radio"/>

<b>6. Parameters</b>	<b>Cell</b>	<b>Battery</b>
Mass in gram (g):	15,9	
Lithium ion: Indicate watt-hour rating (Wh):	4,2	
Lithium metal: Indicate lithium metal content in gram (g):	0,42	

<b>7. Physical description of cell / battery</b>
Lithium and Manganese Dioxide battery

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<b>Name of cell/battery</b> (taken from field 1)
CR123A 3,0V 1400mAh

<b>8. Model numbers</b>
1510-0029, 1520-0009, 1520-0011, 5020011, 5020012

## 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	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T2 - Thermal Test	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T3 - Vibration	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T4 - Shock	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T5 - External Short Circuit	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T6 - Impact / Crush	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
T7 - Overcharge	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
T8 - Forced Discharge	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<b>10. Reference to assembled battery testing requirements</b>		
	N/A	<input type="text"/>

<b>11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto</b>
ST-SG-AC10-11-Rev6-38.3

<b>12. The manufacture of the cell / battery is in accordance with the documented quality management system as required by the regulations.</b>
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13. Place, Date	14. Title, Surname, First name	15. Company stamp and signature
Assamstadt 04.11.2019	Adrian Selke	Selke, Adrian <small>Digital unterschrieben von Selke, Adrian Datum: 2019.11.07 10:50:40 +01'00'</small>