

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
CR2032 MFR 3,0Vd.c, 230mAh Lithium 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	SGS-CTS Standards Technical Services (Shanghai) Co., Ltd.
Address	588 West Jindu Road, Xinqiao Songjiang, 201612 Shanghai, China
Phone	+86 021 6191 5609
Email	
Website	www.cn.sgs.com

4. ID-number and date			
Unique test report identification number	SHES141200610501	Date of test report	2015-01-26

DESCRIPTION OF CELL / BATTERY

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

6. Parameters	Cell	Battery
Mass in gram (g):	2.95	
Lithium ion: Indicate watt-hour rating (Wh):	0.675	
Lithium metal: Indicate lithium metal content in gram (g):	0,07	

7. Physical description of cell / battery
Lithium Manganese Dioxide

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8. Model numbers
5020122, 1516-0121, 5020121-1

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"/>

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

11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto
ST-SG-AC10-11-Rev5-38.3-Amend.1

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 11.11.2019	Adrian Selke	Selke, Adrian <small>Digital unterschrieben von Selke, Adrian Datum: 2019.11.18 10:35:44 +01'00'</small>