

# 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

Lithium Manganese Dioxide Battery CR-9V 1200mAh

## 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    | Shanghai Institute of Chemical Industry Testing Co., LTD           |
| Address | 345 Yunlin Road (East); 200062 Shanghai. Peoples Republic of China |
| Phone   | +86 021 5281 3463                                                  |
| Email   | sales@oxygen18.com.cn                                              |
| Website | www.oxygen18.com.cn                                                |

## 4. ID-number and date

|                                          |            |                     |            |
|------------------------------------------|------------|---------------------|------------|
| Unique test report identification number | 1118070226 | Date of test report | 29.08.2018 |
|------------------------------------------|------------|---------------------|------------|

## DESCRIPTION OF CELL / BATTERY

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

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| <input type="radio"/> Lithium ion cell    | <input type="radio"/> Lithium metal cell               |
| <input type="radio"/> Lithium ion battery | <input checked="" type="radio"/> Lithium metal battery |

### 6. Parameters

|                                                            | Cell | Battery |
|------------------------------------------------------------|------|---------|
| Mass in gram (g):                                          |      | 40      |
| Lithium ion: Indicate watt-hour rating (Wh):               |      |         |
| Lithium metal: Indicate lithium metal content in gram (g): |      | 1.36    |

### 7. Physical description of cell / battery

9V battery shape, 3 prismatical cells, connected in series

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**Name of cell/battery** (taken from field 1)

Lithium Manganese Dioxide Battery CR-9V 1200mAh

## 8. Model numbers

Battery for Ansmann Part.No.: 1505-0002, 1505-0006, 1515-0005, 5021023, 5021023-01

## 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 type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |
| T8 - Forced Discharge                                                       | <input type="radio"/>            | <input checked="" type="radio"/> | <input type="radio"/> |
|                                                                             | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |
|                                                                             | <input checked="" type="radio"/> | <input type="radio"/>            | <input type="radio"/> |

## 10. Reference to assembled battery testing requirements

|  |     |             |
|--|-----|-------------|
|  |     |             |
|  | N/A | <div></div> |

## 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, 05.11.2025 | Technician, Gramlich, Timo     | Gramlich, Timo<br><small>Digital unterschrieben von<br/>Gramlich, Timo<br/>Datum: 2025.04.08 11:46:58<br/>+02'00'</small> |