

# 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

Li-ion 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    | Shenzhen Anbotek Compliance laboratory Limited                                               |
| Address | 1/f., Building D, Sogood Science and Technology Park, Sanwei, Hangcheng Street, Bao'an Distr |
| Phone   | +86 755 26066126                                                                             |
| Email   | service@anbotek.com                                                                          |
| Website | www.anbotek.com                                                                              |

## 4. ID-number and date

|                                          |                 |                     |               |
|------------------------------------------|-----------------|---------------------|---------------|
| Unique test report identification number | 18270BC30076101 | Date of test report | 12 April 2023 |
|------------------------------------------|-----------------|---------------------|---------------|

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

### 6. Parameters

|                                                            | Cell | Battery |
|------------------------------------------------------------|------|---------|
| Mass in gram (g):                                          |      | 39.91   |
| Lithium ion: Indicate watt-hour rating (Wh):               |      | 3.45    |
| Lithium metal: Indicate lithium metal content in gram (g): |      |         |

### 7. Physical description of cell / battery

Cylinder

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Name of cell/battery (taken from field 1)

Li-ion Battery

## 8. Model numbers

1313-0004

## 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

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

ST/SG/AC.10/11/Rev.7 /Amend 1/subsection 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                                                                                                                            |
|-----------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| HK, 14.04.2023  | Quality Assurance Technician, Zoe  |  Digitally signed by Zoe Chan<br>Date: 2023.04.14 10:48:30<br>+08'00' |