

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
1S1P 1NR19/66

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	Kiwa Primara GmbH
Address	Gewerbestr. 28, 87600 Kaufbeuren
Phone	+49 (0)40 / 30 39 49 - 60
Email	info@kiwa.de
Website	https://www.kiwa.com/de/de/uber-kiwa/tochterfirmen/kiwa-primara-gmbh/primara/

4. ID-number and date			
Unique test report identification number	21PP558-01	Date of test report	13.01.2022

DESCRIPTION OF CELL / BATTERY

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

6. Parameters	Cell	Battery
Mass in gram (g):		49,8
Lithium ion: Indicate watt-hour rating (Wh):		12,7
Lithium metal: Indicate lithium metal content in gram (g):		

7. Physical description of cell / battery
Li-Ion INR19/51

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Name of cell/battery (taken from field 1)
1S1P 11NR19/66

8. Model numbers
Ansmann Part no: 2447-0073 Testo model no.: 0515 0061

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		
Information UN-Test Cell: UN Test Manual of Test and Criteria ST/SG/AC.10/11/Rev.5-Amend.2 UN38.3 ID-number and date QAE-EF02-150313-CY18650MJ1 [UN] 13.03.2015	N/A	<input type="checkbox"/>

11. Reference to the revised edition of the Manual of Tests and Criteria used and to amendments thereto
ST-SG-AC10-11-Rev7-38.3

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	Testzentrum i.A. Gehring Klaus	Klaus Gehring <small>Digital unterschrieben von Klaus Gehring Datum: 2022.01.13 16:56:10 +01'00'</small>