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 (X-type) CR1632, 3V, 120mAh

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	Guangzhou MCM Certification & Testing Co., Ltd.
Address	1/F.,Building 2,No.45,Zhong'er Section of Shiguang Road,Zhongcun Street,Panyu District,Guan
Phone	0086-020-3477 7662
Email	service@mcmtek.com
Website	www.mcmtek.com

4. ID-number and date			
Unique test report identification number	LJKJ20230719UG01	Date of test report	14.08.2023

DESCRIPTION OF CELL / BATTERY

5. Mark the type of cell/battery with an "•"			
○	Lithium ion cell	Lithium metal cell	●
○	Lithium ion battery	Lithium metal battery	○

6. Parameters	Cell	Battery
Mass in gram (g):	1.8609	
Lithium ion: Indicate watt-hour rating (Wh):		
Lithium metal: Indicate lithium metal content in gram (g):	0.034	

7. Physical description of cell / battery
Button cell CR1632, diameter 16mm, height 3.2mm

LITHIUM CELL/BATTERY TEST SUMMARY

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

Name of cell/battery (taken from field 1)
Lithium manganese dioxide battery (X-type) CR1632, 3V, 120mAh

8. Model numbers
CR1632-X version

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	○	●	○
T2 - Thermal Test	○	●	○
T3 - Vibration	○	●	○
T4 - Shock	○	●	○
T5 - External Short Circuit	○	●	○
T6 - Impact / Crush	○	●	○
T7 - Overcharge	●	○	○
T8 - Forced Discharge	○	●	○
	○	○	○
	○	○	○

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, 06.10.2023	Quality Assurance Technician, Zoe	Zoe Chan Digitally signed by Zoe Chan Date: 2023.10.06 12:09:17 +08'00'