

# CERTIFICATE

The battery type mentioned below is in compliance with the requirements of

## UN Manual of Tests and Criteria - Section 38.3

(ST/SG/AC.10/11/Rev.5/Amend.1)

**Certificate/Test Report-No.:** TZ\_000062\_UN + TZ\_000077\_I  
**Part-No.:** 2447-3033-01; 2447-3070  
**Product Description:** Li-Ion Battery 3.7V 5200mAh with safetyboard  
**Customer Data:** ANSMANN AG  
Industriestraße 10  
97959 Assamstadt  
**Date:** 19.09.2014

Step	Result
UN 38.3.4.1 Altitude simulation	pass
UN 38.3.4.2 Thermal test	pass
UN 38.3.4.3 Vibration	pass
UN 38.3.4.4 Shock	pass
UN 38.3.4.5 External short circuit	pass
UN 38.3.4.6 Impact / Crush	not required*
UN 38.3.4.7 Overcharge	pass
UN 38.3.4.8 Forced discharge	not required*

\* This test is not required for battery testing if it is already passed at the UN38.3 test of the built-in cell.



Ulrich Dietz  
Head of Quality Assurance, Authorized  
Representative