

August 26, 2019

Safety Certification

Item Number.
MS621FESeiko Instruments Inc.
Micro-Energy Division

UN38.3 TEST SUMMARY

Manufacturer information		
Name: Seiko Instruments Inc.	Address: 45-1, Aza-Matsubara, Kami Ayashi, Aoba-ku, Sendai-shi, Miyagi 989-3124, Japan	
Phone number: (+81)22-391-9331	Email address: sii.sendai-qa01@sii.co.jp	Website: https://www.sii.co.jp/en/

Test laboratory information	
Name: Shanghai Research Institute of Chemical Industry Testing Center	Address: 上海市普陀区云岭东路345号 West entrance, No.345 East Yun Ling Road, Shanghai
Phone number: +86-21-31765555 / +86-21-52569800	Email address: center@ghs.cn

Reference to test report	
Test report number : 1113120026	Test report date: January 3, 2014

Description of cell or battery		
Item Number: MS621FE	Item Description: Lithium Metal Cell (Rechargeable)	Cell or Battery Weight: 0.23 g
Nominal voltage: 3.0 V	Nominal capacity: 5.5 mAh	Lithium content: 3.2 mg

UN Recommendation Test and Result			
Test.No.	Test Items	Test Results	<p>We certify that the Test Results were confirmed according to the United Nations recommendation Tests</p> <p>UN Manual of Tests and Criteria Section ST/SG/AC. 10/11/Rev. 6/Amend.1 38.3</p>
T1	Altitude simulation	Pass	
T2	Thermal test	Pass	
T3	Vibration	Pass	
T4	Shock	Pass	
T5	External short circuit	Pass	
T6	Crush	Pass	
T7	Over charge	-	
T8	Forced discharge	Pass	

Reference to assembled battery testing requirements, if applicable (i.e. 38.3.3 (f) and 38.3.3 (g))
Not Applicable

Product Classification For Transport		
UN Classification: UN3090 Class 9	Product Classification For Transport: PI 968, DGR	Proper Shipping Name: Lithium metal batteries

This document remains valid as long as no changes, modifications, or additions are made to the model(s) described in this document, after being transported from Seiko Instruments Inc.

The model(s) has (have) been classified according to the applicable transport regulations and the UN Manual of Tests and Criteria as of the date of the certification. The model(s) must be packaged, labeled, and documented according to country and other international regulations for transportation.

Seiko Instruments Inc.
Micro-Energy Division
General Manager, QA Department
Kazuhiro Shimizu

Signature: 