

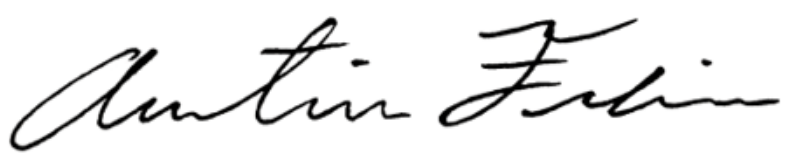
**Test laboratory**

Address/住所  
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**Panasonic Corporation**

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<https://www.panasonic.com/global/home.html>

**Style:** Cell / Lithium Metal**Chemistry:** Lithium Manganese Dioxide**Voltage:** 3**Watt HR:** 0.015**Weight:** 0.2g**Lithium Weight:** 0.002

<b>UN38.3 Lithium Battery Test Summary</b>	
1	<b>Battery Manufacturer</b> <i>Confidential and Proprietary</i>
2	<b>Product Manufacturer</b> Garmin International, Inc. 1200 East 151st St. Olathe, KS 66062 913-440-1234 contact@garmin.com; www.garmin.com
3	<b>Test Center</b> UNKNOWN
4	<b>Test Report Number</b> ML621-001
5	<b>Date of Test Report</b> January 1, 2019
6	<b>Description of Cell or Battery</b> <u>Cell, Lithium, PCB Mount, ML621, 5mAh, RoHS, 0.2g, 0.015Wh.</u>
7	<b>UN38.3 Tests Performed and Successfully Passed</b> T.1, T.2, T.3, T.4, T.5, T.6, T.7 (for rechargeable batteries only), T.8
8	<b>Assembled Battery Testing Requirements</b> Not Applicable
9	<b>Edition of UN Manual of Tests and Criteria Used</b> Fifth Revised Edition
10	<b>Name and Title of Signatory</b>  Austin Francis Garmin Staff Engineer

## Independent Certification of Lithium battery (UN Model Regulation) / 国連勧告テスト証明

### Nominal specification / 規格値

Items / 項目	Specification Value / 規格値	Remarks / 備考
Model Number / 品番	ML621	
Nominal Voltage / 公称電圧	3.0 V	
Nominal Capacity / 公称容量	5.0 mAh	
Lithium Content / リチウム含有量	0.002 g	Category / 分類 : Cell / 単電池




### Test Results / 結果

UN Manual of Tests and Criteria 国連勧告テストと判定基準	Results 結果	Remarks 備考
T1 : Altitude simulation / 高度シミュレーション	Pass / 合格	
T2 : Thermal Test / 温度試験	Pass / 合格	
T3 : Vibration / 振動	Pass / 合格	
T4 : Shock / 衝撃	Pass / 合格	
T5 : External short circuit / 外部短絡	Pass / 合格	
T6 : Crush / 圧壊	Pass / 合格	
T7 : Overcharge / 過充電	-----	for rechargeable batteries only / 組電池のみ
T8 : Forced discharge / 強制放電	Pass / 合格	

Hereby we certify that this model of Lithium battery meets the requirements of each test in the UN Manual of Tests and Criteria 5th revised edition Amendment 1, Part III, sub-section 38.3.

上記テストは国連勧告テスト(Manual of Tests and Criteria, Part III, sub-section 38.3.)に従い確認された結果であることを証明致します。

Issued on : January 1, 2019

Approved / 承認	Checked / 確認	Prepared / 作成
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