

Eppendorf Certificate

Lithium Battery Test Summary / UN38.3

Article no.	4980215003; 6331892007
1. Product Manufacturer	Panasonic Corporation
2. Battery Manufacturer	Panasonic Corporation
	1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan
	Tel. +81-6-6994-4560 E-Mail un38.3_microbattery@ml.jp.panasonic.com Url: www.panasonic.com/global/home.html
3. UN 38.3 Test Lab	Panasonic Corporation
Address	1-1 Matsushita-cho, Moriguchi City, Osaka 570-8511, Japan
	Tel. +81-6-6994-4560 E-Mail un38.3_microbattery@ml.jp.panasonic.com Url: www.panasonic.com/global/home.html
4. Test Report Number	CP0008-10
5. Date of Test Report	05.08.2008
6. Description of Cell or Battery	Cell
Model	CR2032
	Lithium metal cell, non-rechargeable, coin
Mass	2.9 g
Lithium content	0.07 g
Nom. Voltage	3.0 V
Nom. Capacity	225 mAh
7. UN 38.3 Test Performed and Successfully passed	
T1 : Altitude simulation	pass
T2 : Thermal Test	pass
T3 : Vibration	pass
T4 : Shock	pass
T5 : External short circuit	pass
T6 : Impact / Crush	pass / impact
T7 : Overcharge	for rechargeable batteries only
T8 : Forced discharge	pass
8. Assambled Battery Testing Requirements	
9. Edition of UN Manual of Tests an Criteria Used	UN Manual of Test and Criteria 4th Amendment 1st edition

Date: May 19th, 2020



Dana Sommerfeld
Product Life Cycle Manager

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