

Lithium Battery Test Summary 21700

Product: Energizer 21700 Lithium Ion Cell

Name of cell manufacturer	Energizer Brands, LLC
Cell manufacturer contact information	533 Maryville University Drive, St. Louis, MO 63141 314-985-2000 E-mail: Enviro-Regulatory@Energizer.com www.energizer.com
Test laboratory contact information	Shanghai Institute of Chemical Industry Testing Co., Ltd. 345 Yunlin Road(E), Shanghai, P.R. China 200062 Tel. +86-21-52804249 E-mail: zhoujy@oxygen18.com.cn http://www.oxygen18.com.cn/
Test report identification number	1122020193
Date of test report	25 March 2022
Description of cell	Battery type: Lithium Ion Cell Weight of battery: 73g mA Hours: 4800 mAh Battery description: Lithium Ion Cell 21700 Model Number: 21700
Reference assembled battery testing requirements	N/A



Energizer hereby certifies that the 21700 battery meets all the requirements outlined in the Manual of Tests and Criteria of the UN Recommendations on the Transport of Dangerous Goods, Part III, sub-section 38.3. The 21700 battery passes all the T-test as described in the table below.

Manual of Tests and Criteria (38.3 Lithium batteries)		Test Result
Number	Test	Pass
T1	Altitude simulation	Pass
T2	Thermal test	Pass
T3	Vibration	Pass
T4	Shock	Pass
T5	External short circuit	Pass
T6	Impact	Pass
T7	Overcharge	Not applicable
T8	Forced discharge	Pass
--	1.2 Meter Drop Test (packaging test)	
	2.5 kg maximum air shipment packaging	Pass
	Volume pack (< 30 kg)	Pass



Paul Geanacopoulos
Associate Manager, Regulatory
05 December 2023



Energizer

