



Energizer Brands, LLC.
 533 Maryville University Drive
 St. Louis, MO 63141
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Lithium Battery Test Summary CR2032

Product: Energizer CR2032 Lithium Batteries

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	Energizer 25225 Detroit Road, Westlake, OH 44145 1-800-383-7323 E-mail: Enviro-Regulatory@Energizer.com www.energizer.com
Test report identification number	2032: 102020 2032: 042020 2032: 122019
Date of test report	10 Mar 2020 14 Apr 2020 25 Dec 2019
Description of cell	Battery type: Lithium Metal Battery Weight of battery: 3g Lithium content: less than 0.3 g Battery description: CR2032 Lithium Coin Cell Model Number: CR2032
Reference assembled battery testing requirements	N/A

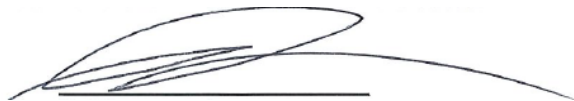


Energizer



Energizer hereby certifies that the CR2032 cell 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 CR2032 battery passes all the T-test as described in the table below.

Manual of Tests and Criteria (38.3 Rev. 6 with Amendment 1 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	Crush	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
 20 January 2023

