



Energizer Brands, LLC.  
533 Maryville University Drive  
St. Louis, MO 63141  
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[www.Energizer.com](http://www.Energizer.com)

## Lithium Battery Test Summary CR2032

**Product: Energizer CR2032 Lithium Batteries**

<b>Name of cell manufacturer</b>	<b>Energizer Brands, LLC</b>
<b>Cell manufacturer contact information</b>	533 Maryville University Drive, St. Louis, MO 63141 314-985-2000 E-mail: <a href="mailto:Enviro-Regulatory@Energizer.com">Enviro-Regulatory@Energizer.com</a> <a href="http://www.energizer.com">www.energizer.com</a>
<b>Test laboratory contact information</b>	Energizer 25225 Detroit Road, Westlake, OH 44145 1-800-383-7323 E-mail: <a href="mailto:Enviro-Regulatory@Energizer.com">Enviro-Regulatory@Energizer.com</a> <a href="http://www.energizer.com">www.energizer.com</a>
<b>Test report identification number</b>	2032: 102020 2032: 042020 2032: 122019
<b>Date of test report</b>	10 Mar 2020 14 Apr 2020 25 Dec 2019
<b>Description of cell</b>	<b>Battery type:</b> Lithium Metal Battery <b>Weight of battery:</b> 3g <b>Lithium content:</b> less than 0.3 g <b>Battery description:</b> CR2032 Lithium Coin Cell <b>Model Number:</b> CR2032
<b>Reference assembled battery testing requirements</b>	N/A

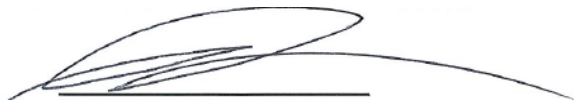


Energizer



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

