Energizer Brands, LLC.
533 Maryville University Drive
St. Louis, MO 63141
1-314-985-2000
www.Energizer.com

Lithium Battery Test Summary CR2012

Product: Energizer CR2012 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	2012:A:012018
Date of test report	1 Jan 2018
Description of cell	**Battery type:** Lithium Manganese Dioxide Battery **Weight of battery:** 1.3 g **Lithium content:** less than 0.3 g **Battery description:** CR2012 Lithium Coin Cell **Model Number:** CR2012
Reference assembled battery testing requirements	N/A

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Energizer hereby certifies that the CR2012 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 CR2012 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 Volume pack (< 30 kg)	 Pass Pass

Marcus K. Boolish
Manager of Environmental Affairs, Standards & Product Safety
4 February 2018