



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

Lithium Battery Test Summary CR1616

Product: Energizer CR1616 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 | 1616:D:012018 1616:E:012017 1616:I:012019 |
| Date of test report | 1 Jan 2018 20 Jan 2017 08 Jan 2019 |
| Description of cell | Battery type: Lithium Manganese Dioxide Battery Weight of battery: 1.1 g Lithium content: less than 0.3 g Battery description: CR1616 Lithium Coin Cell Model Number: CR1616 |
| Reference assembled battery testing requirements | N/A |



Energizer





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

Energizer hereby certifies that the CR1616 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 CR1616 battery passes all the T-test as described in the table below.

| Manual of Tests and Criteria (38.3 Rev. 6 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 |

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



Energizer

