



Lithium Battery Test Summary CR2016

Product: **Energizer CR2016 Lithium Batteries**

| Name of cell manufacturer | Energizer Brands, LLC | |
|-------------------------------------|---|--|
| Cell manufacturer contact | 533 Maryville University Drive, St. Louis, MO 63141 | |
| information | 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 | 2016:A:012018 | |
| | 2016:E:012017 | |
| | 2016:G:032016 | |
| | 2016:I:012019 | |
| Date of test report | 1 Jan 2018 | |
| | 20 Jan 2017 | |
| | 30 Mar 2016 | |
| | 8 Jan 2019 | |
| Description of cell | Battery type: Lithium Metal Battery | |
| | Weight of battery: 1.9 g | |
| | Lithium content: less than 0.3 g | |
| | Battery description: CR2016 Lithium Coin Cell | |
| | Model Number: CR2016 | |
| Reference assembled battery testing | N/A | |
| requirements | | |









Energizer hereby certifies that the CR2016 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 CR2016 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 | Crush | 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 |

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