**SCREENING REPORT**

**Test Number:** 14872B00  **Date:**2021-06-25

**Sample Name:** Duracell MN1500

**Chemistry:** Zn/MnO₂ (Alk)

**Post-Tab** **Voltage Statistic Table**

All samples OCV CCV Passing Samples OCV CCV

**Maximum:** **1.641 1.550**  **Maximum: 1.641 1.550**

**Minimum:** **1.630 1.500**   **Minimun: 1.630 1.500**

**Median:** **1.640 1.526**   **Median: 1.640 1.526**

**Mean (M):** **1.639 1.524**   **Mean(M): 1.639 1.524**

**Stander Deviation (SD):** **0.00227 0.00825**  **Stander Deviation(SD): 0.00201 0.00825**

**Total Samples:** **46**  **46**   **OCV > or = *1.600* V**

**Total Passing Criterion:** **45** **46**   **CCV > or = *1.300* V @ 3.3 Ohms for 5.0 Seconds.**

**Total Failing Criterion:** **1**  **0**   **Absolute OCV difference for before and After**

**95% confidence Interval** 1.639 / 1.640 1.522/1.526  **Tab is <** 0.002 **V**

**Outlier Min/Max** 1.638/ 1.641 1.504/1.544

**Total Outliers:** 6 2

**Note:** Outlier in Raw Data Report will be marked with symbol (\*)

Fail sample in Raw Data Report will be marked with symbol (!)

**CUMULATIVE TABLE**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **All Sample OCV** | | **All Sample CCV** | | **\*Passing Sample OCV** | | **\*Passing Sample CCV** | |
| Voltage Range | Samples | Voltage Range | Samples | Voltage Range | Samples | Voltage Range | Samples |
| 1.641-1.639 | 30 | 1.550-1.543 | 1 | 1.641-1.639 | 30 | 1.550-1.543 | 1 |
| 1.639-1.637 | 11 | 1.543-1.536 | 0 | 1.639-1.637 | 11 | 1.543-1.536 | 0 |
| 1.637-1.635 | 2 | 1.536-1.529 | 8 | 1.637-1.635 | 2 | 1.536-1.529 | 8 |
| 1.635-1.633 | 1 | 1.529-1.522 | 20 | 1.635-1.633 | 1 | 1.529-1.522 | 20 |
| 1.633-1.631 | 1 | 1.522-1.515 | 9 | 1.633-1.631 | 0 | 1.522-1.515 | 9 |
| 1.631-1.629 | 1 | 1.515-1.508 | 7 | 1.631-1.629 | 1 | 1.515-1.508 | 7 |
|  |  | 1.508-1.501 | 0 | 1.629-1.627 | 0 | 1.508-1.501 | 0 |
|  |  | 1.501-1.494 | 1 |  |  | 1.501-1.494 | 1 |
|  |  |  |  |  |  | 1.494-1.487 | 0 |