**SCREENING REPORT**

**Test Number:** 14575A00  **Date:**2021-03-05

**Sample Name:** Duracell MX2500

**Chemistry:** Zn/MnO₂

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

All samples OCV CCV Passing Samples OCV CCV

**Maximum:** **1.577 1.567**  **Maximum: 1.577 1.567**

**Minimum:** **1.554 1.497**   **Minimun: 1.570 1.497**

**Median:** **1.572 1.529**   **Median: 1.573 1.529**

**Mean (M):** **1.571 1.529**   **Mean(M): 1.573 1.529**

**Stander Deviation (SD):** **0.00401 0.00924**  **Stander Deviation(SD): 0.00179 0.00924**

**Total Samples:** **45**  **45**   **OCV > or = *1.570* V**

**Total Passing Criterion:** **35** **45**   **CCV > or = *1.200* V @ 20 Ohms for 5 Seconds.**

**Total Failing Criterion:** **10**  **0**   **Absolute OCV difference for before and After**

**95% confidence Interval** 1.570 / 1.573 1.526/1.532  **Tab is <** 0.002 **V**

**Outlier Min/Max** 1.564/ 1.58 1.521/1.537

**Total Outliers:** 2 6

**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 |
| 1.577-1.573 | 13 | 1.567-1.558 | 1 | 1.577-1.575 | 3 | 1.567-1.558 | 1 |
| 1.573-1.569 | 24 | 1.558-1.549 | 1 | 1.575-1.573 | 10 | 1.558-1.549 | 1 |
| 1.569-1.565 | 5 | 1.549-1.540 | 0 | 1.573-1.571 | 13 | 1.549-1.540 | 0 |
| 1.565-1.561 | 1 | 1.540-1.531 | 6 | 1.571-1.569 | 9 | 1.540-1.531 | 6 |
| 1.561-1.557 | 1 | 1.531-1.522 | 31 | 1.569-1.567 | 0 | 1.531-1.522 | 31 |
| 1.557-1.553 | 1 | 1.522-1.513 | 5 |  |  | 1.522-1.513 | 5 |
|  |  | 1.513-1.504 | 0 |  |  | 1.513-1.504 | 0 |
|  |  | 1.504-1.495 | 1 |  |  | 1.504-1.495 | 1 |
|  |  |  |  |  |  | 1.495-1.486 | 0 |