**SCREENING REPORT** Page: 1

**Test Number:** 14665A01  **Report Date:** 2021-04-02

**Battery Name:** A123 Systems ANR26650

**Chemistry:** LiFePO₄/C

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**Request Number:** Request123

**Task Number:** Task123

**Lot Number:** 9011

**Form Factor:** Cylindrical 26650

**Purpose:** Site A Restock

**Project Engineer:** PW

Criteria:Screening Min.

**OCV (Volt):** 1.6

**CCV (Volt):** 1.5

**Drain Time (Sec):** 9

**Current(mA):** 100

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**Battery Size (mm):** 65.0(H) X 26.0(D)

**Discharge Temperature (°C):** 24

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**Number of Batteries Tested :** 15

**Number of Batteries Failed(\*):** 0

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**Date of Manufacture:** 2015-01-15

**Date of Receipt:** 2015-09-09

**Date Started:** 2019-12-05

**Date Completed:** 2019-12-05

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Prepared By: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_ Reviewed By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

Reviewed By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_

**Test Number:** 14665A01

Note(s):  
  
1. Report Date:  
  
2. Test Responsibility:  
   
 a. Data file preparation: PW  
 b. Technical review:  
 c. Final review:

**SCREENING REPORT**

**Test Number:** 14665A01  **Date:**2021-04-02

**Sample Name:** A123 Systems ANR26650

**Chemistry:** LiFePO₄/C

**Voltage Statistic Table**

All samples OCV CCV

**Maximum:** **951.000** **952.000**

**Minimum:** **1.700** **1.632**

**Median:** **1.795** **1.728**

**Mean (M):** **65.551** **65.567**

**Stander Deviation (SD):** **244.95968** **245.23181**

**Total Samples:** **15** **15**

**Total Passing Criterion:** **15** **15**

**Total Failing Criterion:** **0** **0**

**95%** **confidence Interval**  -70.103 / 201.205 -70.238 / 201.372

**Outlier Min/Max** 1.643 / 1.897 1.56 / 1.9

**Total Outlier:** 2 2

**OCV > or =** 1.600**V**

**CCV > or =** 1.500V **@** 100 mA for 9 Seconds.

**CUMULATIVE TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| **All Sample OCV** | | **All Sample CCV** | |
| Voltage Range | Samples | Voltage Range | Samples |
| 951.000-792.782 | 1 | 952.000-793.604 | 1 |
| 792.782-634.564 | 0 | 793.604-635.208 | 0 |
| 634.564-476.346 | 0 | 635.208-476.812 | 0 |
| 476.346-318.128 | 0 | 476.812-318.416 | 0 |
| 318.128-159.910 | 0 | 318.416-160.020 | 0 |
| 159.910-1.692 | 14 | 160.020-1.624 | 14 |

**SCREENING REPORT**

**Test Number:** 14665A01 **Raw Data** **Chemistry:** LiFePO₄/C

**Sample Name:** A123 Systems ANR26650 **Load:** 100mV

**Sort Order:** Bar Code Number **Load Time:** 9Sec(S)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Bar Code Number | Manufacturer  Number | Manufacture Date | Screening  OCV | Screening  CCV |  |  | Inspection |
| 455152 |  | 2015-01-15 | 1.744 | 1.718 |  |  | OK |
| 455151 |  | 2015-01-15 | 9.300 \* | 9.200 \* |  |  | OK |
| 449459 |  | 2015-01-15 | 951.000 \* | 952.000 \* |  |  | OK |
| 449458 |  | 2015-01-15 | 1.809 | 1.778 |  |  | OK |
| 449457 |  | 2015-01-15 | 1.803 | 1.774 |  |  | OK |
| 449456 |  | 2015-01-15 | 1.800 | 1.771 |  |  | OK |
| 449455 |  | 2015-01-15 | 1.796 | 1.767 |  |  | OK |
| 449454 |  | 2015-01-15 | 1.792 | 1.763 |  |  | OK |
| 31313 |  | 2015-01-15 | 1.795 | 1.720 |  |  | OK |
| 313215 |  | 2015-01-15 | 1.732 | 1.662 |  |  | OK |
| 312231234 |  | 2015-01-15 | 1.714 | 1.647 |  |  | OK |
| 1233213 |  | 2015-01-15 | 1.703 | 1.636 |  |  | OK |
| 313131 |  | 2015-01-15 | 1.700 | 1.632 |  |  | OK |
| 2131 |  | 2015-01-15 | 1.798 | 1.728 |  |  | OK |
| 231313 |  | 2015-01-15 | 1.784 | 1.713 |  |  | OK |

Key: ^ for Tab Tolerance Fail(T), ! for Criteria Fall(F), \* for outlier(OH for High)(OL for Low)