**SCREENING REPORT** Page: 1

**Test Number:** peterTest12345  **Report Date:** 2021-04-02

**Battery Name:** VDL VDL6062100

**Chemistry:** Li-Ion (Polymer)

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**Request Number:** PeterRequest

**Task Number:** PeterTask

**Lot Number:** 10945

**Form Factor:** Pouch Pouch

**Purpose:** PeterTest

**Project Engineer:** PeterPOC

Criteria:Profile One Min.Profile TwoMin.

**OCV (Volt):** 1.61.6

**CCV (Volt):** 1.51.5

**Drain Time (Sec):** 45

**Current(mA):** 200100

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**Battery Size (mm):** 100.0(H) X62.0(W) X6.0(D)

**Discharge Temperature (°C):** 24

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**Number of Batteries Tested :** 3

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

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**Date of Manufacture:** 2018-03-05

**Date of Receipt:** 2018-03-27

**Date Started:** 2020-01-03

**Date Completed:** 2020-01-03

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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

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

**Test Number:** peterTest12345

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

**SCREENING REPORT**

**Test Number:** peterTest12345  **Date:**2021-04-02

**Sample Name:** VDL VDL6062100

**Chemistry:** Li-Ion (Polymer)

**Profile Two** **Voltage Statistic Table**

All samples OCV CCV

**Maximum:** **1.732** **1.672**

**Minimum:** **1.701** **1.645**

**Median:** **1.715** **1.657**

**Mean (M):** **1.716** **1.658**

**Stander Deviation (SD):** **0.01552** **0.01353**

**Total Samples:** **3** **3**

**Total Passing Criterion:** **3** **3**

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

**95%** **confidence Interval**  1.677 / 1.755 1.624 / 1.692

**Outlier Min/Max** 1.685 / 1.747 1.631 / 1.685

**Total Outlier:** 0 0

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

**CCV > or =** 1.500V **@** 200 mA for 4 Seconds.

**CUMULATIVE TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| **All Sample OCV** | | **All Sample CCV** | |
| Voltage Range | Samples | Voltage Range | Samples |
| 1.732-1.723 | 1 | 1.672-1.664 | 1 |
| 1.723-1.714 | 1 | 1.664-1.656 | 1 |
| 1.714-1.705 | 0 | 1.656-1.648 | 0 |
| 1.705-1.696 | 1 | 1.648-1.640 | 1 |

**SCREENING REPORT**

**Test Number:** peterTest12345  **Date:**2021-04-02

**Sample Name:** VDL VDL6062100

**Chemistry:** Li-Ion (Polymer)

**Profile Two** **Voltage Statistic Table**

All samples OCV CCV

**Maximum:** **1.782** **1.756**

**Minimum:** **1.761** **1.722**

**Median:** **1.763** **1.755**

**Mean (M):** **1.769** **1.744**

**Stander Deviation (SD):** **0.01159** **0.01935**

**Total Samples:** **3** **3**

**Total Passing Criterion:** **3** **3**

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

**95%** **confidence Interval**  1.740 / 1.797 1.696 / 1.792

**Outlier Min/Max** 1.746 / 1.788 1.713 / 1.781

**Total Outlier:** 0 0

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

**CCV > or =** 1.500V **@** 100 Ohms for 5 Seconds.

**CUMULATIVE TABLE**

|  |  |  |  |
| --- | --- | --- | --- |
| **All Sample OCV** | | **All Sample CCV** | |
| Voltage Range | Samples | Voltage Range | Samples |
| 1.782-1.776 | 1 | 1.756-1.746 | 2 |
| 1.776-1.770 | 0 | 1.746-1.736 | 0 |
| 1.770-1.764 | 0 | 1.736-1.726 | 0 |
| 1.764-1.758 | 2 | 1.726-1.716 | 1 |

**SCREENING REPORT**

**Test Number:** peterTest12345 **Raw Data** **Chemistry:** Li-Ion (Polymer)

**Sample Name:** VDL VDL6062100 **Load:** 200/100mV

**Sort Order:** Bar Code Number **Load Time:** 4/5Sec(S)

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Bar Code Number | Manufacturer  Number | Manufacture Date | Profile 1 OCV | Profile 1 CCV | Profile 2 OCV | Profile 2 CCV | Inspection |
| 1111 |  | 2018-03-05 | 1.732 | 1.672 | 1.782A | 1.722 | OK |
| 2222 |  | 2018-03-05 | 1.715 | 1.657 | 1.763 | 1.756 | OK |
| 3333 |  | 2018-03-05 | 1.701 | 1.645 | 1.761 | 1.755 | OK |

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