**SCREENING REPORT** Page: 1

**Test Number:** 14681B01  **Report Date:** 2021-06-16

**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):** 1.61.7

**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 :** 9

**Number of Batteries Failed(\*):** 3

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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

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

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

**Test Number:** 14681B01

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

**SCREENING REPORT**

**Test Number:** 14681B01  **Date:**2021-04-02

**Sample Name:** VDL VDL6062100

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

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

All samples OCV CCV

**Maximum:** **1.818** **1.813**

**Minimum:** **1.691** **1.659**

**Median:** **1.809** **1.805**

**Mean (M):** **1.773** **1.748**

**Stander Deviation (SD):** **0.04896** **0.07169**

**Total Samples:** **9** **9**

**Total Passing Criterion:** **9** **9**

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

**95%** **confidence Interval**  1.735 / 1.810 1.693 / 1.803

**Outlier Min/Max** 1.63 / 1.921 1.468 / 2.012

**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 |
| 1.818-1.792 | 5 | 1.813-1.781 | 5 |
| 1.792-1.766 | 0 | 1.781-1.749 | 0 |
| 1.766-1.740 | 0 | 1.749-1.717 | 0 |
| 1.740-1.714 | 3 | 1.717-1.685 | 1 |
| 1.714-1.688 | 1 | 1.685-1.653 | 3 |

**SCREENING REPORT**

**Test Number:** 14681B01 **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 |
| 455150 |  | 2018-03-05 | 1.809 | 1.805 | 1.809 | 1.806 | OK |
| 455154 |  | 2018-03-05 | 1.809 | 1.806 | 1.812 | 1.808 | OK |
| 455153 |  | 2018-03-05 | 1.818 | 1.813 | 1.812 | 1.809 | OK |
| 455152 |  | 2018-03-05 | 1.813 | 1.809 | 1.817 | 1.813 | OK |
| 455151 |  | 2018-03-05 | 1.812 | 1.808 | 1.785 | 1.782 | OK |
| 449450 |  | 2018-03-05 | 1.691 | 1.689 |  |  | OK |
| 54321 |  | 2018-03-05 | 1.739 | 1.672 |  |  | OK |
| 54322 |  | 2018-03-05 | 1.724 | 1.659 |  |  | OK |
| 54323 |  | 2018-03-05 | 1.739 | 1.672 | 1.790 | 1.758 | OK |

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