**Changes to hma-pwl-test-strip-v2.2.1**

**Project Info and Instructions**

* Corrections to Instruction Manual (rev. 2025-2).
* Added data validation to Estimated Station- Start. Only decimals values will be allowed. Added popup instructions to cell.
* Fixed the precision shown for JMF AC % to 0.1.

**Split Sample Comparison**

* t-test p-values for BTS vs. QC and BTS vs. QV are now shown to 0.001 precision.
* Fixed some formatting that was inconsistent.

**AC % Data**

* Fixed the precision shown for JMF AC % to 0.1.

**Test Strip Summary**

* Added an additional check during a density-only test strip to check if the Gmm taken during the test strip is entered before determining test strip approval.
* Fixed a bug that caused a density-only test strip to state that the material is “Conforming, Test Strip Material May Remain in Place” when the Gmm taken during the test strip exceeded the acceptance limit, and the test strip is deemed “Not approved. Consult Regional PWL Rep. & BTS.”
* Fixed a bug that caused a volumetric-only test strip to state, “Approved; However, consult Regional PWL Rep. & BTS prior to proceeding with production” when the material was deemed unacceptable due to failing the Gmm tolerance to JMF.

**QC-X / QV-X Density Worksheet**

* If the Gmm for density has not yet been determined (i.e.: BTS Dispute testing is required), density results will show as blank, rather than produce a #VALUE error.