

Using an Electronic System to Record Reagent Tracking and Solution Preparation

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The tracking of reagents and supplies used in the analysis of bioanalytical samples can be extensive and challenging to track. Many laboratories rely upon paper-based systems for documentation. The QC and QA reviews may require the individuals to search out paper records in order to confirm the recorded observations. Alturas Analytics, Inc. has employed CIMS (Chemical Inventory Management System), a custom written application that is Part 11 compliant which enables analysts and subsequent reviewers to utilize electronic records. CIMS captures the preparation of all reagents at Alturas through bar-coded labels and uniquely identified pipettes and electronically connected balances. CIMS also tracks the expiration of reagents as well as pipette verifications. The CIMS application will be described as well as the advantages over paper records.



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