Qualis Inventory a validated Inventory Management System

Qualis Inventory is a web based Inventory management system designed based on guidelines for GLP and FDA. Designed to meet the regulated laboratory handling a wide range of Inventory materials used in regulated labs. Items including but not limited to standards like reference material, primary standards, working standards, reagents (solid/Liquid) consumable etc.

INTRODUCTION

Qualis Inventory can be deployed and scaled up from a simple single user to multi-user environment system in windows environment. It is simple yet sophisticated software which is user-friendly with a simple workflow reducing the time and manpower spent on manual maintenance of laboratory inventory including receipt, usage logs, disposal and validation.
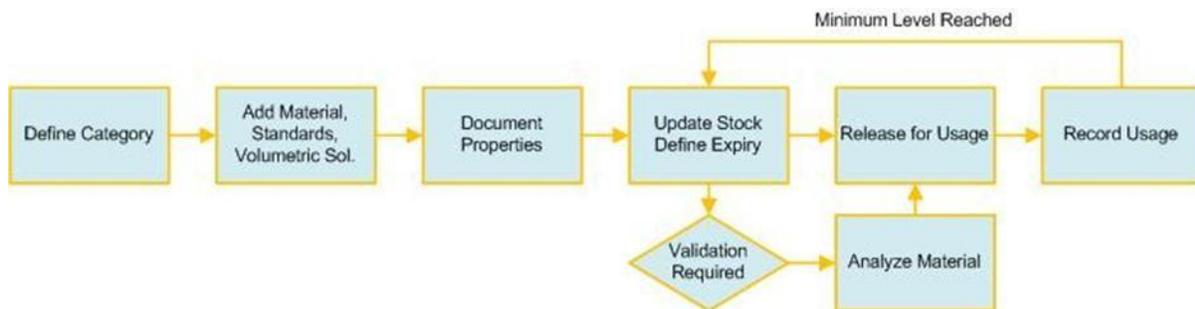
It handles complete workflow of a typical inventory management system for the lab, including material category, material type, expiry date, re-order level, storage conditions, quarantine and validation of material, issue, receipt transactions.

FEATURES

- ✓ A Web based lab inventory management software that runs on any browser with a database for stability studies.
- ✓ OS independent (Windows/Linux) with simple hardware & software requirements.
- ✓ Works with MS-SQL Server or PostgreSQL database as backend
- ✓ Complete 21 CFR Part 11 features with audit trail better compliance for regulated labs

✓ Designed with features that are required by GLP/ regulated laboratories

✓ A completely independent system that can manage different categories of inventory including standards (reference, primary, working standards), volumetric solution and general inventory like solid and liquid reagents, consumables etc.

INVENTORY WORKFLOW

MATERIAL CATEGORY

Several material categories can be created and each category of material can be put on quarantine until validation and release. Also labels can be defined per category of material

REGULAR MATERIAL INVENTORY

Regular inventory items can solid or liquid reagents, chemicals, glassware etc. These inventory items can be maintained with unique ID and several batches of these items can be included in the inventory and used for transactions. These materials can be issued and received, ROL, expiry dates etc. can be checked

STANDARDS & VOLUMETRIC SOLUTIONS

Several types of standards can be maintained within the standards type of inventory. For each type of standard it is possible to maintain the **assay and purity by mass balance** (including date of standardization). It is possible to generate a unique Standard No which can be used for transaction. Review and approve results generated for all time points and generate a final stability test format report

TRANSACTION

- ✓ Receive / issue materials with history.
- ✓ Materials requiring validation can be quarantined and kept on hold until validated to release.
- ✓ *"Release"* material based on rights and validation status
- ✓ *"Retire"* specific inventory material
- ✓ Check the results of testing of material (requires LIMS modules)
- ✓ Generate multi-format labels for material
- ✓ Export list of material to excel
- ✓ Record material safety details
- ✓ Attach MSDS sheets and other documents like COA for each inventory item
- ✓ It is possible to record open date for material so that expiry date after open date can be checked

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