

## Empower PLUS Logbook

### Compliance-ready CDS solution with logbook workflow capabilities without complexity

Empower PLUS Logbook (LOG) is a solution that combines Empower™ Enterprise CDS with NuGenesis™ LMS Logbook capabilities on a single server.

#### INVENTORY MANAGEMENT WORKFLOW WITHOUT COMPLEXITY

Keeping track of all your lab equipment and scheduling for calibration and preventive maintenance (PM) is time consuming, and the regulatory risk and quality impact can be significant with the use of expired reagents or instruments that are not well maintained.

Having multiple hardcopy logbooks can contribute to inconsistent record keeping, unnecessary transcription of information, or missing entries. These discrepancies can lead to inefficiencies and increased human error in your regulated lab workflow.

Empower PLUS LOG is the ideal solution to manage inventory for both instruments and lab chemicals, including reagents, standards, and solutions prepared in house.

Empower PLUS LOG allows quick adoption of pre-built template forms to replace existing hardcopy logbooks, providing a seamless workflow for both analysts and reviewers, through a single interface.



#### HIGHLIGHTS OF EMPOWER PLUS LOG

- Empower 3 Enterprise with NuGenesis LMS Logbook in a single server
- Manage the maintenance of all lab instruments, such as calibration and PM scheduling
- Use pre-built template forms to quickly register new equipment and set maintenance frequency
- Keep track of all reagents in the lab by maintaining sufficient quantities and expiration dates
- Use template documents to minimize recording of repetitive information pertaining to instrument and reagents
- Eliminate the hassle of having to search for the physical logbook to perform a review or verification of specific entries
- Prevent inadvertent use of instruments not fit for use or expired chemicals with the Inventory Management Dashboard

## A SINGLE PLATFORM TO MANAGE CHROMATOGRAPHIC AND LAB INVENTORY WORKFLOWS

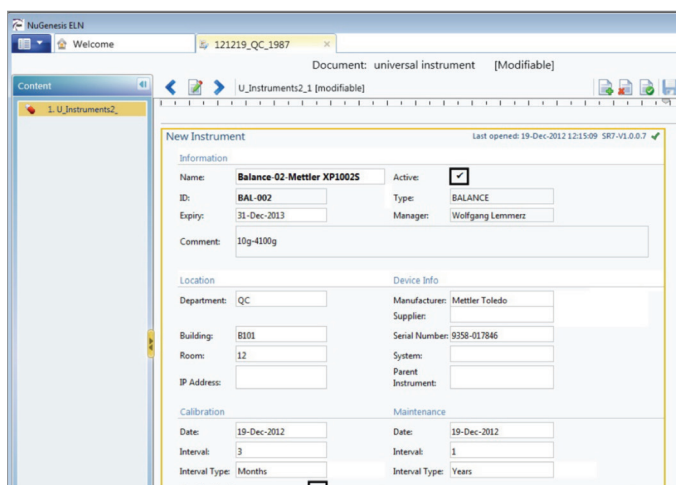


Figure 1. Instrument Management.

Registering an analytical balance (Figure 1) or caffeine standard (Figure 2) with the use of simple template forms is easy with drop-down selection lists of commonly entered information, minimizing the need for repetitive data entry and reduction of transcription errors.

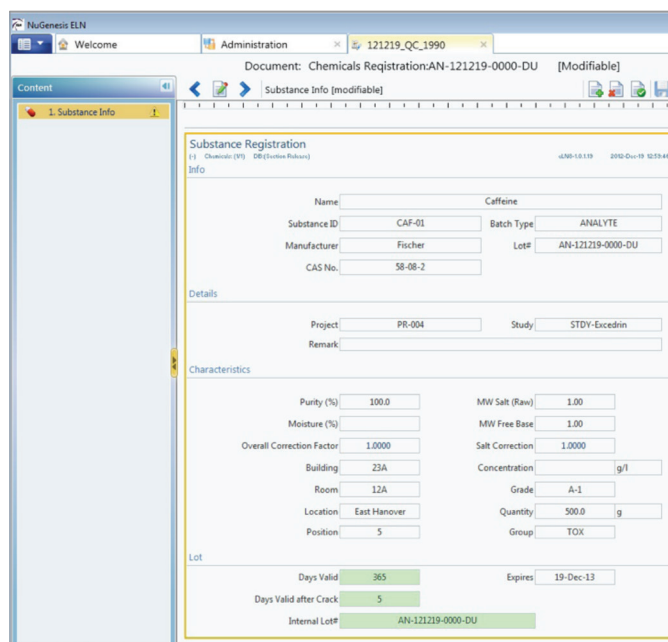


Figure 2. Reagent Management.

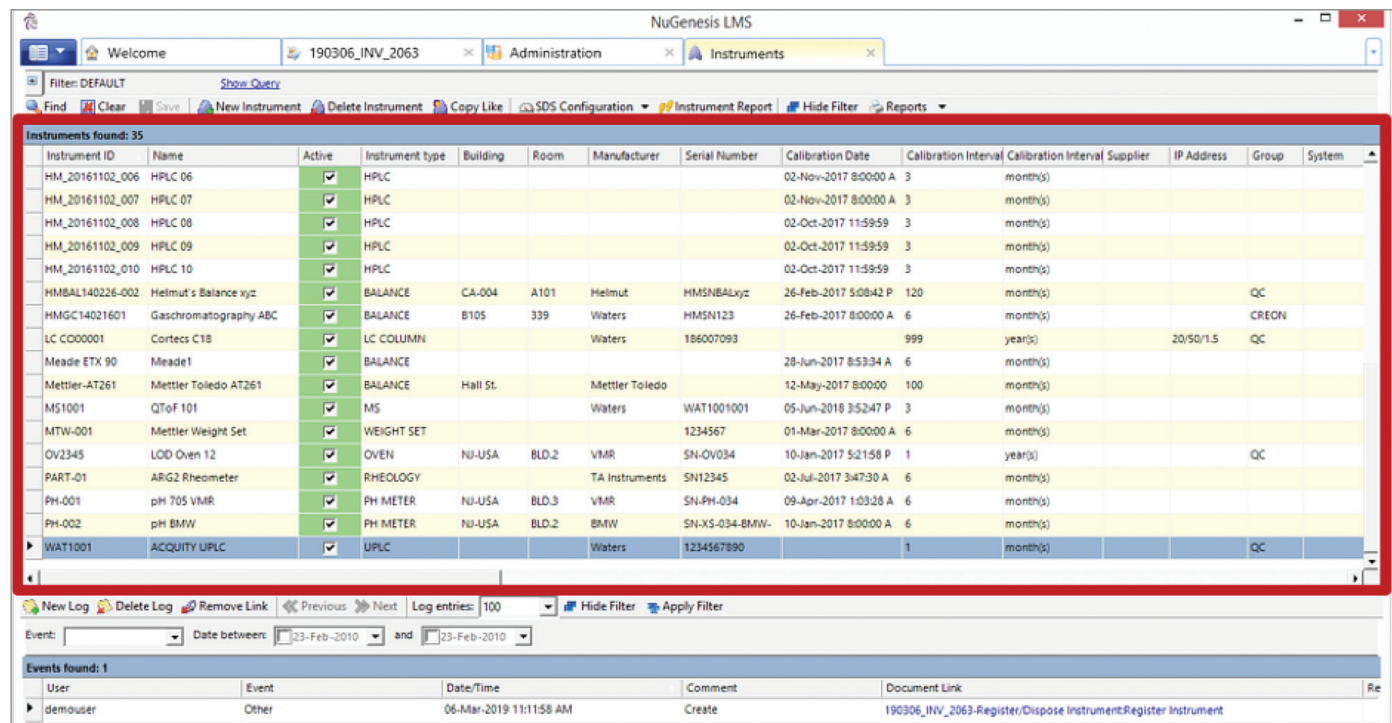


Figure 3. Overview of Instrument List.

Substance ID	Name	Internal Lot Number	Active	Batch type	Manufacturer	Expiry Date	Grade	Purity
ASP123	Aspirin special 1	INT_42677_HM_20161103_A005	✓	BATCH	Waters	30-Jul-2022 7:59:59 AM		
ASP123	Aspirin special 1	INT_42677_HM_20161103_A003	✓	BATCH	Waters	30-Jul-2022 7:59:59 AM		
ASP123	Aspirin special 1	INT_42677_HM_20161103_A004	✓	BATCH	Waters	30-Jul-2022 7:59:59 AM		
ASP123	Aspirin special 1	INT_42677_HM_20161103_A001	✓	BATCH	Waters	30-Jul-2022 7:59:59 AM		
BU-PH-4	pH 4 Solution	BF-110211-0003-CF	✓	BUFFER	BMW	29-Jul-2024 2:33:44 AM		100
BU-PH-7	pH 7 Solution	BF-110211-0004-CF	✓	BUFFER	Soft & Co.	09-Jan-2015 3:35:12 AM		100
CAF-01	Caffeine	AN-10-02-22-003-JW-2	✓	ANALYTE	Tschibo		A-1	78.56
CAF-01	Caffeine	AN-10-02-23-005-JW-2	✓	ANALYTE	Tschibo		A-1	78.56
CAF-01	Caffeine	AN-10-02-25-023-JW-2	✓	ANALYTE	Starbucks	01-Feb-2020 11:45:09 PM	A-1	78.56
CAF-01	Caffeine	AN-110211-0014-CS	✓	ANALYTE	Starbucks	23-Mar-2015 8:46:31 AM	A-1	100
CAF-01	Caffeine	AN-10-02-23-005-JW-2	✓	ANALYTE	Tschibo		A-1	78.56
CAF-01	Caffeine	CHEM_190306-0000_00	✓	ANALYTE	Sigma	04-Jun-2019 11:59:59 PM		

Event	Date/Time	Quantity	Unit	Comment	Document Link	Reason
Look In						
Requisition Withdrawal	06-Mar-2019 11:33:12 AM	200	grams		190306_INV_2068-Register Substance/Register Substance	

Figure 4. Overview of Reagent List.

Inventory Management on a single platform provides an instant overview of all lab instrumentation (Figure 3) and reagents (Figure 4) to ensure smooth lab operations, and eliminates searching for hardcopy logbooks.

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