

SYMYX NOTEBOOK BY ACCELRY'S FOR ANALYTICAL CHEMISTS

A single, enterprise electronic laboratory notebook (ELN) that is adaptable to meet the needs of many scientific disciplines including analytical chemistry—giving scientists the freedom to focus on science in a collaborative environment.

Symyx Notebook by Accelrys streamlines the capture and re-use of analytical chemistry protocols and experimental data while integrating with other laboratory software applications and instrumentation. Using configurable forms and templates, scientists can consistently capture experimental information in a central, easily shareable notebook. Scientists can take advantage of full text searching of both documents and embedded files—even form fields and annotations in images—to explore information within and across experiments. Deploying a single Notebook saves time, lowers costs, enhances collaboration and accelerates productivity.

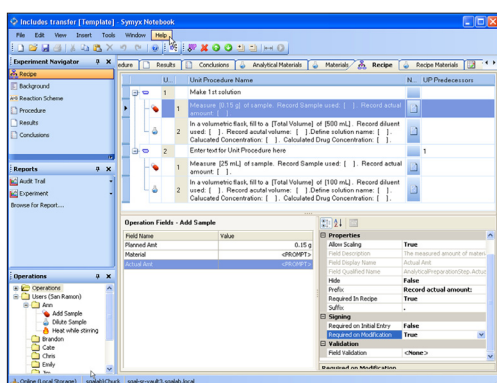


Figure 1: Create and execute structured recipes and procedures. Specify operations, planned values, signing options and validation requirements for each field.

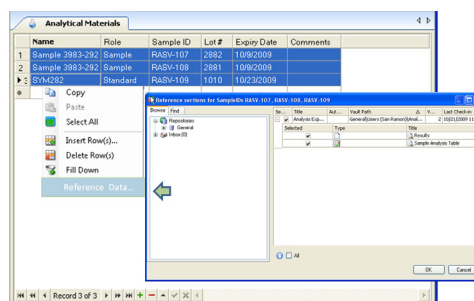


Figure 2: Speed collaboration and decision-making by easily cross-referencing and displaying data used in other experiments.

AN ENTERPRISE, MULTI-DISCIPLINE LABORATORY NOTEBOOK

The Notebook offers capabilities for handling text, data and forms required to plan, record, analyze and report analytical research—including material and chemical analysis, titration, gravimetry, spectroscopy, crystallography and electrochemical/ thermal analysis.

IMPROVED CONSISTENCY ACROSS EXPERIMENTS

Easily create experiment sections and workflows, e.g., chromatography or spectral analysis requests, and “clone” all or part of an experiment, with or without related data. The ability to reuse successful document procedures and capture data consistently across research domains improves efficiency, productivity and decision making.

SUPPORT FOR REGULATED AND NON-REGULATED ENVIRONMENTS

Consolidates project data into fully versioned, shareable, and searchable documents controlled by customizable workflows. Secure versioning, electronic signatures and audit trails support work in 21 CFR 11 and Good Practice (GxP) environments.

SUPERIOR SEARCHING AND BROWSING

Create your own data-entry forms or tables and collect data that is indexed and searchable. Full-text searching of documents, embedded files and image annotations facilitates the retrieval and re-use of experimental data. Create custom indexing and search/browse capabilities using the Software Developer Kit.

CONFIGURABLE TABLES

Capture analytical data such as equipment, reagents and samples including names, molecular weights, total volumes, concentrations, etc. in easily configurable tables by entering data manually, capturing data directly from lab balances or using the Notebook's auto-fill capability. Easily customize data views (e.g., filter, group, sort, etc.) and integrate useful calculations into tables.

INTEGRATION WITH BALANCE EQUIPMENT

Speed up high volume sample analysis by sending weights directly from laboratory balances to the Notebook. Run daily balance checks and update instrument status on-the-fly. Integrate additional lab equipment using the Software Developer Kit.

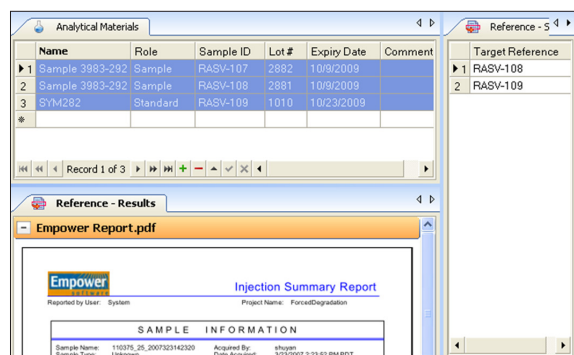


Figure 3: The system displays selected reference sections in read-only mode and automatically updates them when new data is available.

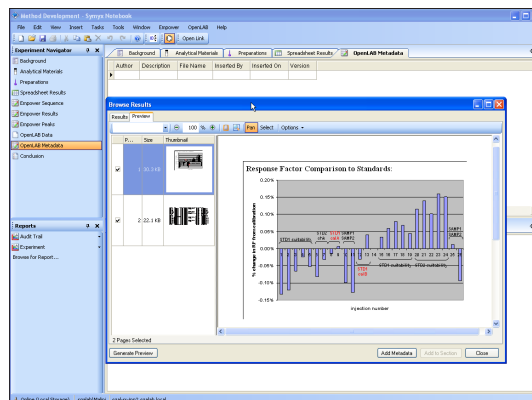


Figure 4: Integrate with LIMS, SDMS, CDS and other systems to move entire files or a selected subset of data to the ELN with links to the raw data for record retention.

INTEGRATION WITH EXISTING APPLICATIONS

Improve the collection, analysis and reporting of experimental results through integration with third-party applications and systems such as spreadsheets, LIMS, SDMS, CDS and other systems.

ENHANCED COLLABORATION

Learn from others. Augment experimental write-ups with hyperlinks to related experiments. Track material usage from one experiment to the next. Improve experimental design through easy access to colleagues' work.

TAILORED REPORTING

Take advantage of configurable, out-of-the-box reporting templates, or use the Software Developer Kit to create unique reports supporting proprietary, regulated or non-regulated activities.

To learn more about Symyx Notebook by Accelrys, go to accelrys.com/eln