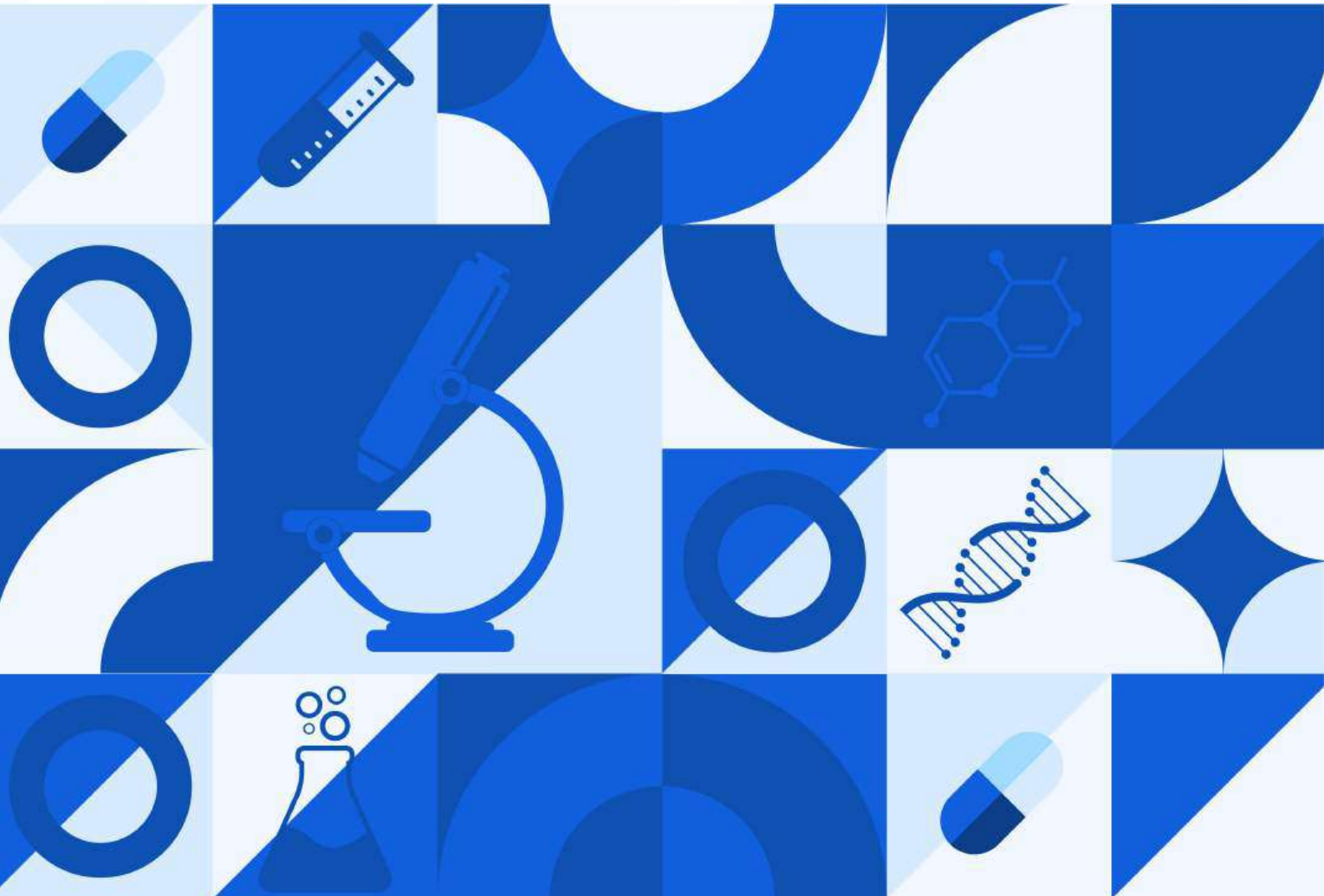


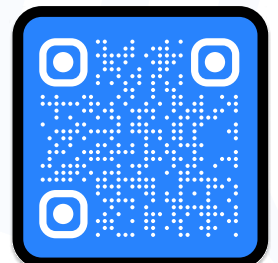


**Agaram**  
TECHNOLOGIES



**Logilab**  
ELN

A Secure, Intuitive Electronic Lab Notebook for Quality Control and Research Laboratories.



[www.agaramtech.com](http://www.agaramtech.com)

# Logilab ELN

A standardized and integrated tool for **enhanced research & collaboration.**



# One

**Lab  
Record  
ELN**

**Turn hours of work into minutes—**streamline your research with **efficiency** and **savings.**

Logilab ELN is a cutting-edge Electronic Lab Notebook designed to provide a paperless environment to record, execute, and store tests, experiments, and research data. It allows researchers to organize, share, and access their work in real-time, improving productivity and accuracy.

Whether for simple experiments or complex projects, Logilab ELN offers a versatile, reliable solution for modern scientific environments. Suitable for both GxP and non-regulated environments, it ensures compliance with FDA standards, 21 CFR Part 11, etc.

## The Ultimate One-Stop ELN Solution



**Industry-Agnostic** - Versatile ELN that fits any industry vertical's needs, both regulated and non-regulated.



**Effortless Integration** - Easily integrates with existing lab instruments and external systems.



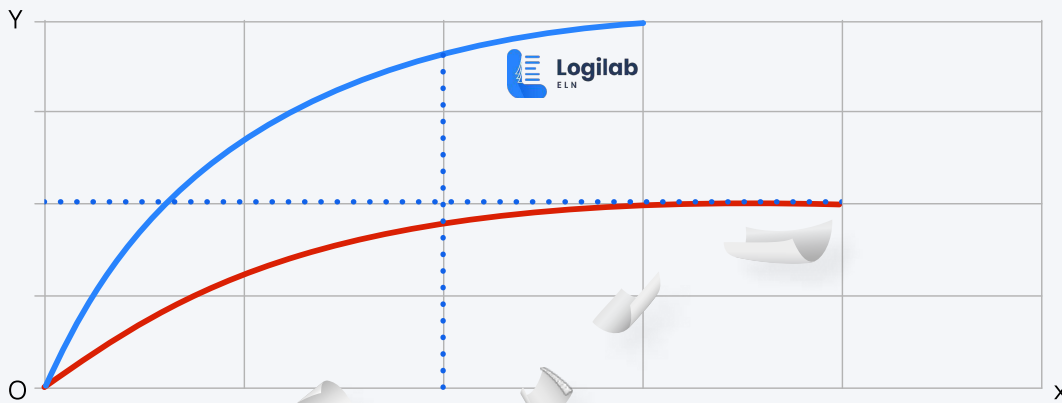
**Compliance Ready** - Supports GxP, 21 CFR Part 11, EudraLex Annex 11 and other regulatory standards.



**Cloud-Based Deployment** - Secure, flexible deployment on the cloud, ensuring scalability, and reduced infrastructure costs.



# Built For Superior Performance



Increase lab efficiency by

**7x**

Save upto

**63%**

Operational costs

Logilab ELN is future-ready, driving performance improvements by streamlining workflows and increasing efficiency across research teams. Its ability to automate routine tasks and optimize data management reduces operational costs with no compromise to lab's productivity. With Logilab ELN, labs can remain agile and prepared for the innovations of tomorrow.

## Seamless Workflow, Accelerated Results.

Achieve faster breakthroughs and streamlined success with Logilab ELN

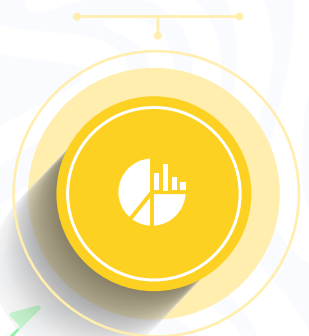
Design Custom  
Labsheets & Protocols



Register  
Experiments & Projects



Generate  
Comprehensive Reports



Validate Data  
& Results



Execute Task  
Orders



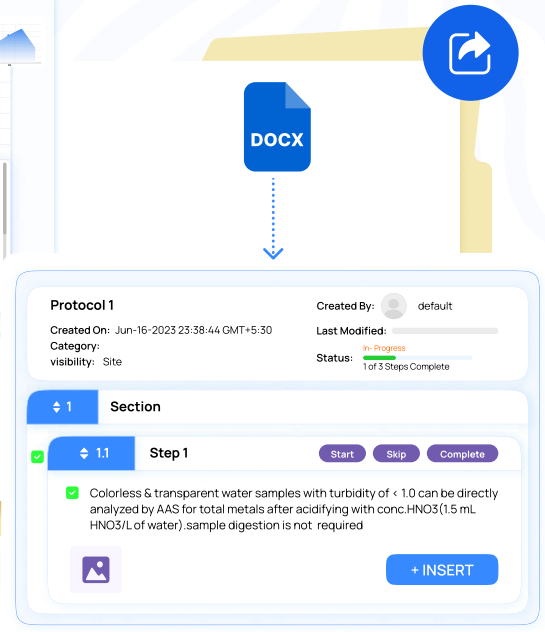
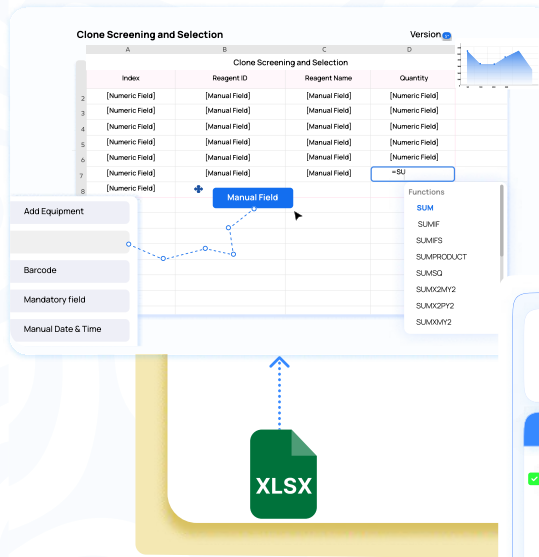
# Data Management Redefined

Driving accuracy, efficiency, and progress

## Familiar & User-Friendly – No Steep Learning Curve

Record structured & free-form data in familiar interface that resembles Excel & Word. Logilab ELN offers an intuitive environment where data can be organized and entered in templates similar to spreadsheets and documents.

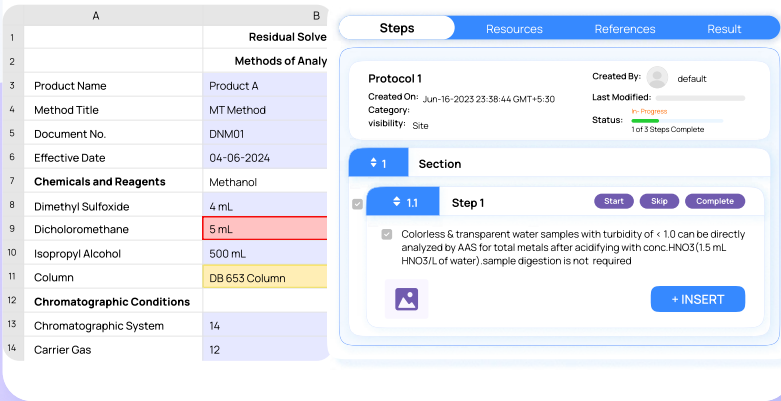
This user-friendly setup ensures effortless navigation, allowing users to seamlessly transition without the need for extensive training or complex adjustments.



## Template-Driven Data Input

Record data in intuitive, customizable sheets called Labsheets. Reduce manual errors with controlled field-based data capture and by automating data validation.

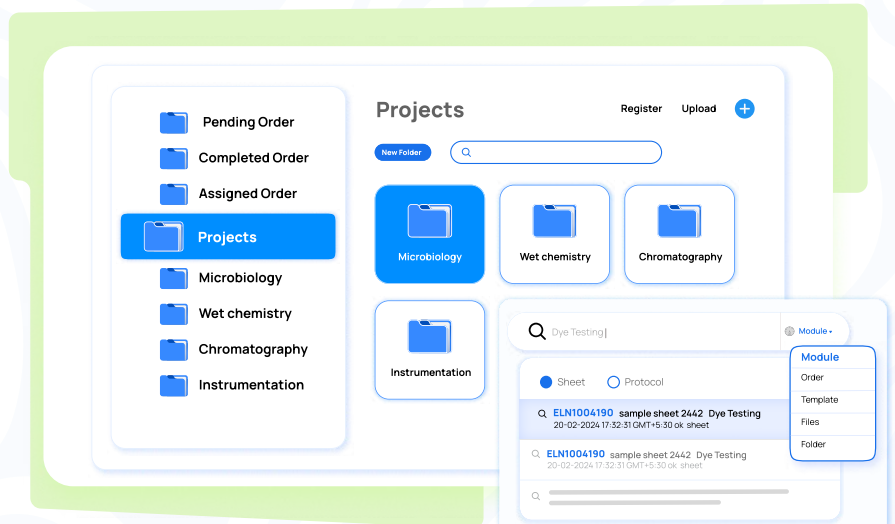
Capture both structured and unstructured data, including a wide range of experimental data from chemical diagrams to well-plates, in multi-step protocol templates.



## Clutter-Free & Accessible Workspace

Maintain a traceable data management system with fully configurable folder and file structures. Organize and group experiments, tasks, and projects based on specific needs with customizable folder hierarchies that fit the workflow.

Easily search and retrieve any data in the system with Global Search tool. Filter search results by relevant keywords or modules with dynamic filters.



# Labsheet Templates

Enable precise and reliable data recording

Streamline lab data recording and improve data accuracy by using Excel-like sheet templates called Labsheets. Ensure consistent and standardized data entry across various types of data, from numeric entries to text-based information.

From its spreadsheet-like interface to advanced data handling capabilities like formula calculations and instrument integration, Labsheets supports labs in maintaining data integrity, ensuring compliance, and enhancing overall operational efficiency.

## Seamless Data Transfer

Import pre-existing Excel spreadsheets into the ELN.



## Data Visualization

Convert your experimental data and results into clear, detailed charts to gain insights.



## Automate Instrument Data Capture

Integrate with a wide range of laboratory instruments, including cell counters, balances, and HPLC machines, capturing real-time data directly into Labsheet templates.

Lab Instruments

Parsing Engine

Instrument Data

### Clone Screening and Selection

Version 1.0

	A	B	C	D
Clone Screening and Selection				
	Index	Reagent ID	Reagent Name	Quantity
2	[Numeric Field]	[Manual Field]	[Manual Field]	[Numeric Field]
3	[Numeric Field]	[Manual Field]	[Manual Field]	[Numeric Field]
4	[Numeric Field]	[Manual Field]	[Manual Field]	[Numeric Field]
5	[Numeric Field]	[Manual Field]	[Manual Field]	[Numeric Field]
6	[Numeric Field]	[Manual Field]	[Manual Field]	[Numeric Field]
7	[Numeric Field]	[Manual Field]	[Manual Field]	=SU
8	[Numeric Field]	[Manual Field]	[Manual Field]	[Numeric Field]

Manual Field

Functions

- SUM
- SUMIF
- SUMIFS
- SUMPRODUCT
- SUMSQ
- SUMX2MY2
- SUMX2PY2
- SUMXMY2

Add Equipment

Barcode

Mandatory field

Manual Date & Time

## Field-Based Data Capture

Customize your templates with a drag-and-drop interface and choose the fields you need. Enable error-free, controlled data capture.

## Complex Formula Calculations

Perform automated calculations such as summing values, applying statistical functions, and other formula-based operations.



# Protocol Templates

Enhance data capture and protocol execution

Create detailed and interactive standard operating procedures (SOPs) and standardize data capture with multi-step protocol templates. Ideal for research and development activities, experimental execution, and research study documentation, these templates help researchers follow a predefined structure, ensuring accuracy and traceability in data recording.

From chemical structure drawings to digital well-plate management, protocol templates streamlines lab workflow and provides flexibility to capture different types of experimental data. Each step of the protocol can be signed off by the appropriate personnel, enhancing data integrity and ensuring compliance.

## Kickstart Without Delay

Import Word-based SOPs and experiment templates to create your own multi-step protocols.

## Bring Structure To Your Data

Record and execute experiments and SOPs in a stepwise manner.

## Multi-Format Data Recording

Effortlessly record data in various formats, including text, images, attachments, and interactive elements, for streamlined documentation.



Image



Resource



Labsheet



Attachment



Chemical Diagram



Well Plate

**Protocol 1**  
Created On: Jun-16-2023 23:38:44 GMT+5:30  
Category: visibility: Site  
Created By: default  
Last Modified:   
Status: **In-Progress**  
1 of 3 Steps Complete

**Section**

**1.1 Step 1** Start Skip Complete

✓ Colorless & transparent water samples with turbidity of < 1.0 can be directly analyzed by AAS for total metals after acidifying with conc. HNO<sub>3</sub> (1.5 mL HNO<sub>3</sub>/L of water). sample digestion is not required

+ INSERT

**Share**  
Read Read / Write  
Share Close

**Comments**

Sachin Gupta  
@riya sharma Please include controls and replicate measurements to account for variability and improve the reliability of the enzyme activity calculations.

Riya Sharma  
Will get it modified. Thank you.

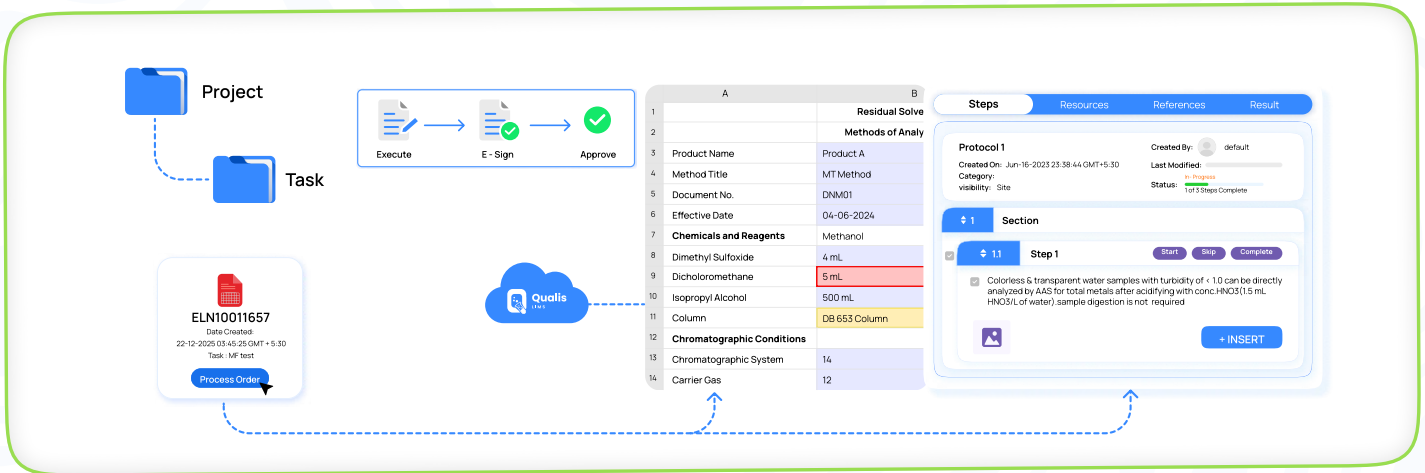
## Embedded Labsheets

Embed sheet templates directly within protocols to perform calculations and data analysis.



# Streamlined Lab Workflow

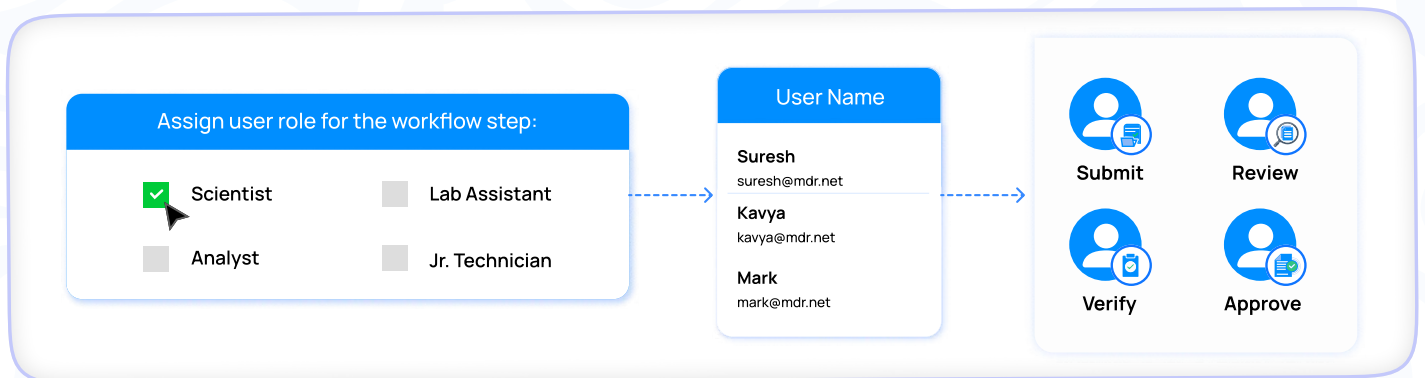
Efficient, automated, organized task management



## Experiment On The Go & Record All Data

Execute various tests and experiments across your laboratory. Tasks can be linked to specific projects, ensuring organized data management and traceability for each activity.

Record essential experimental data, including methods of analysis, product information, materials & samples used, and other experiment-related meta data. Enable seamless exchange of task data between systems through integration.



## Configurable Workflows for Review & Approval

Review, validate and authorize tasks at every stage with e-signatures. Configurable workflows ensure that tasks are reviewed and approved in accordance with lab standards. Streamlined task management enables efficient collaboration across lab teams, enhancing productivity while maintaining full traceability and accountability.



# Where Teamwork Meets Excellence

Empowering teams, fueling innovation

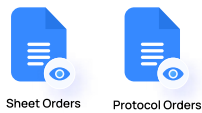
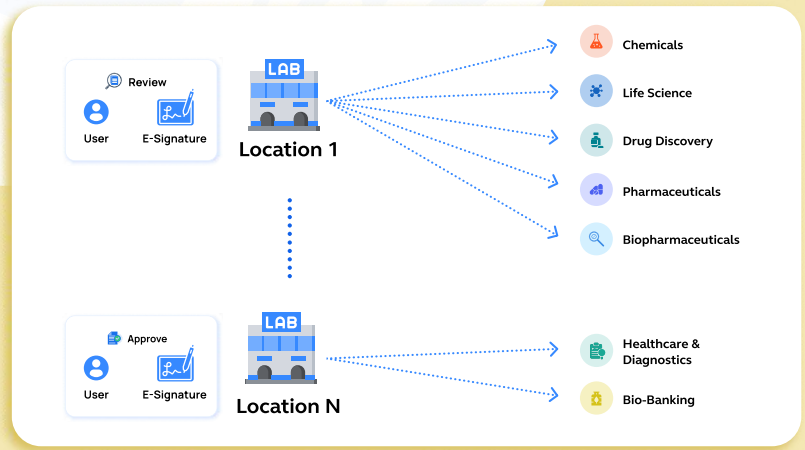
## Work In Harmony

### Assign, Review & Sign-Off

Assign experiments to lab personnel, conduct peer reviews, and provide feedback throughout the lab workflow. Analyze experimental data, verify its accuracy, and sign off on experiments after review.

## Multi-Site Architecture

Collaborate on experiments and projects with lab personnel and teams across different locations, departments and business units without any limits.



The screenshot shows a 'Share' dialog box. It has a search bar, radio buttons for 'Read' (selected) and 'Read / Write', and 'Share' and 'Close' buttons. Below the dialog is a 'Comments' section with a list of users: Sachin Gupta, Riya Sharma, Martin, Joseph, and Sushi, each with their email address.

## Communicate Without A Hitch

### Share The Details

Share experiments with lab personnel with either read-only or read/write permissions, allowing controlled access to data and preventing unauthorized edits.

### Tag & Comment

Tag team members and leave comments within the platform to facilitate real-time discussions, provide feedback, and refine ideas collaboratively.

## All KPIs At A Glance

### Proactive Dashboard

Track and manage the ongoing tasks, activities, and orders through multiple proactive dashboards. Access real-time updates, gain enhanced visibility into lab operations and critical information via intuitive widgets.

## Personalized Alerts

Role-based alerts notify users of critical task changes and upcoming responsibilities. Click on the alerts to go directly to the relevant task or project, minimizing time spent searching for details.

The dashboard screenshot shows a top navigation bar with a search icon and user profile 'Ashok Viswanath Scientist'. Below the navigation bar are five summary cards: Total Orders (2000), Pending Orders (500), Completed Orders (0 Files), Rejected Orders (500), and Cancelled Orders (500). The main content area is divided into several sections: 'Recent Orders' with a table of order details, 'Recent Templates' with a table of template details, 'My Tasks' with a table of task details, 'Activities' with a list of recent actions, and 'Notifications' with a list of alerts.

Order Id	Task	Project	Status
ELN-10001	Task A	Sample Project	Created
ELN-10021	Task B	Sample Project	Approved

Lab Sheet	Version	Created By	Status
Assay By HPLC	1	Abdul	Created
Related Substance By HPLC	2	Abdul	Approved

Due Date	Order Id	Task Name	Assigned By
25/03/2024	ELN-1004087	Assay By HPLC	Mathew
29/04/2024	ELN-1005245	Related Substance By HPLC	Epsiba



# Inventory and Equipment in Order

Stock and sort the essentials for smooth operations

## All Details Covered

Create your own custom fields to record specific inventory metadata, such as material type, batch number, lot number, expiry validation, and material properties. Tailor inventory management in accordance with your lab's specific needs.

The screenshot shows two panels. The 'Add Type' panel includes a 'Material Type' dropdown (set to 'Volumetric'), a 'Static Field' section with a 'Field Name' input, and a list of material types: Material Type, Material Category, Material Name, Unit, Section, Expiry Validation, and Remarks. The 'Add Custom Fields' panel includes a 'Field Name' dropdown, a 'Data Type' dropdown (set to 'All Characters'), and a list of custom field types: Test, Dropdown, Numeric, Date, DateTime, Hyperlink, and Checkbox.

Inventory ID	Material Name	Available Quantity	Basic Unit	Created On	Expiry Date	Status
MED/CEU/2025/22122	Cell lines and cultures	20.0	nos	Dec 22 2025		Low Stock
MED/CEU/2025/01252	Cell lines and cultures	20.0	nos	Jan 25 2025	Jan 30 2025	Expired

**Notifications**  
Myself | Team

03/07/2024 16:05:33  
**Low Stock Warning.**  
 Inventory ID Med/Cel/2025/22122000  
 Is Approaching Its Re-Order Level: 50.0.C  
 Update By Saravana

## Know Your Stock Levels

Create inventory repositories and track the usage and expiry dates of materials. Get automated alerts when stock levels are low or when materials are nearing their expiry date, preventing any roadblocks.

## Label Your Samples and Materials

Design, manage, and print labels for samples and materials. Create labels with essential information such as material ID, name, storage location, batch/lot number, and the generator's details, along with a QR code for quick identification and tracking.

**Logilab ELN**

**Material Id:** Sam/mat/2024/00001  
**Material Name:** Recombinant Protein  
**Storage Location:** Cryo Freezer - > Flask  
**Batch/Lot No:** B12  
**Generated By:** claura@gmail.com **Generated On:** 2024/08/13



Equipment Code	Calibration Status	Maintenance Status	Status
ANA/2025/001B2	Dec-22-2025 11:45:27	<b>Maintenance due date</b> Dec-22-2025 11:45:27	Active
ANA/2025/001B3	Jun-25-2026 10:30:20	<b>Maintenance due date</b> Jun-25-2026 10:30:20	Active

**Transaction History**

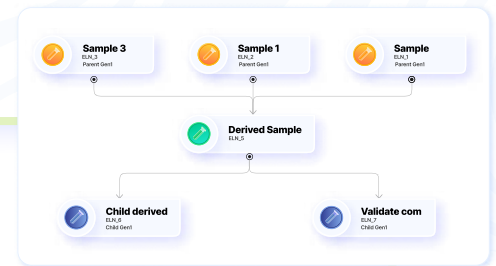
Equipment : Analytical Balance    Equipment Code : Ana/2024/001B2

Usage History    **Calibration History**    Maintenance History

May 20 2024 12:31:10  
 Equipment calibration was performed by the user priya

## Calibrate & Maintain Equipment

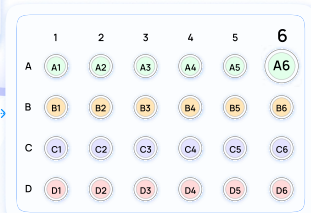
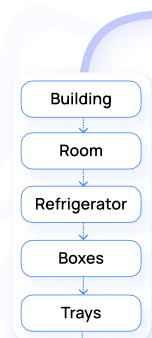
Track and perform equipment calibration and maintenance activities in your lab. Schedule maintenance tasks with due dates/logs, activate or deactivate equipment, and review the equipment's transaction history, ensuring peak maintenance of equipment properly and compliance with operational standards.



## Trace Your Sample's History

Create and manage material hierarchies by associating samples and materials to track their entire lineage. Maintain a clear record of material relationships, such as parent-child links and have a complete overview of sample history and its derivatives.

Material Name	Material Type	Material Category	Parent ID	Parent Sample Name	Status	Created On
Protein A	Processing Materials	Raw Material	MED/CEL/2024/00438	Sodium Cacodylate 0.1M	Active	Aug 06 2025
Sucrose	Volumetric Type	Reagent	MED/CEL/2024/00437	Tris Buffer	Active	Aug 06 2025
Acetone	Volumetric Type	Reagent	MED/CEL/2024/00358	Acetate Buffer	Active	July 31 2025



## Locate The Material

Create dynamic storage structures in hierarchical system to track inventory status, usage history, and storage location. Get a comprehensive overview of available quantities, expiry dates, and status for each item, along with usage history detailing when and how much material was used, who used it, and the remaining quantities.

Inventory ID	Material Name	Available Quantity	Basic Unit	Created On	Expiry Date	Status
P01/POR/ID/1214	Dichloromethane	20.0	mL	22-12-2025 12:10:39 GMT +5:30	22-12-2025	Out of Stock
ABC/POR/ID/1234	MeOH	3.0	l	25-01-2025 11:02:53 GMT +5:30	25-01-2025	Active



# Report Generation

From data to discoveries

Streamline reporting process, enhance data accuracy, and adhere to laboratory standards with powerful report designer tool. Automatically extract key information from multiple experiments with data tags and generate comprehensive reports, reducing manual effort.

**Agaram TECHNOLOGIES**

### Certificate of Calibration

Customer Name: Ryan Gosling  
Address:

Serial No.	Calibration Date
12345	03/04/2024

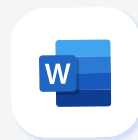
User Role	Signed By	Comment	Signed On
Verifier	Meenakshi		04/04/2024
Reviewer	Vijay Kanna		04/04/2024

**Agaram TECHNOLOGIES**

### Laboratory Tests Invoice

Project: Project #1  
Client: ABC Construction Ltd  
Job No: 2011-1  
Location: Mumbai

Description	Count	Unit Price
	13	
	2	
	2	
	1	
	-	
	3	



**Agaram TECHNOLOGIES**

### Lab Report

Lab Technicians: Joanna Smith, Katherine Garcia, Megan Corradino and Zach Searle

Data Analysis:

Specific Studies:

Laboratory Experiment 1

Systolic pressure (mm Hg)	Diastolic pressure (mm Hg)	Mean arterial pressure (mm Hg)
104	71	106

**Agaram TECHNOLOGIES**

### Immuno-Assay Validation Report

Facility: N°  
Study director:

**BIOMARKET / ANALYTE:** (Choose the most common names of the analyte which will be measured by the assay)

**TYPE OF ASSAY:**

- Microtiter - competitive ELISA
- Microtiter - Sandwich ELISA
- Bead - based immunoassay

**TYPE OF VALIDATION:**

- Pre-exploratory validation (No pdf studied)
- Exploratory validation (No pdf studied)
- Pre-confirmatory validation (No pdf studied)

**REAGENTS:**

- Kit Source: Batch number: Date of production:
- Antibody Source: Batch number: Date of production:
- Antigen Source: Batch number: Date of production:
- Standard Source: Batch number: Date of production:

Date of validation study completed:  
Operator(s):  
Date:

**Tags**

Add Tag Tag Name

Transfection Efficiency

**Transfection Efficiency**

Coefficient of variaton  
Expression Level  
Expression Level



# Compliance Made Effortless

Built-in compliance for uninterrupted progress

## Trace Your Tracks With Version Control

Track all modifications made by users to any data entry or experiment. Compare versions of an experiment and easily track edits, maintaining a complete audit trail of every modification made. Ensure traceability and compliance with regulatory standards, while maintaining data integrity.

Version 1		Version 2	
A	B	A	B
1	Residual Solven	1	Residual Solven
2	Methods of Analys	2	Methods of Analys
3	Product Name Product A	3	Product Name Product A
4	Method Title MT Method	4	Method Title MT Method
5	Document No. DNM01	5	Document No. DNM01
6	Effective Date 04-06-2024	6	Effective Date 04-06-2024
7	<b>Chemicals and Reagents</b>	7	<b>Chemicals and Reagents</b>
8	Dimethyl Sulfoxide 4 mL	8	Dimethyl Sulfoxide 4 mL
9	Dichloromethane 5 mL	9	Dichloromethane 7 mL
10	Isopropyl Alcohol 500 mL	10	Isopropyl Alcohol 500 mL
11	<b>Chromatographic Conditions</b>	11	<b>Chromatographic Conditions</b>
12	Column DB 653 Column	12	Column DB 658 Column
13	Chromatographic System 14	13	Chromatographic System 14
14	Carrier Gas 12	14	Carrier Gas 12

## Right Access For The Right Roles

Provide role-based access to functions like creating, editing, and deleting data. This enables a logical separation of data based on user roles, ensuring that access to sensitive information is restricted to authorized personnel only.

## Verify And Validate With E-Signs

Validate all changes to data, templates, workflows, or protocols with electronic signatures (E-signatures). Users must authenticate with their credentials, including username and password, while the system logs the date and time of each signature, ensuring that all modifications are authorized.

**Access**

User Role	Create	Edit	Delete
Analyst	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sr. Scientist	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Choose user for task:

- Scientist
- Analyst
- Sr. Scientist


**E-Signature**

Username:

Password:

Comment:

Date & Time: 16/03/24 @ 04:50am










E-Signature: 

Agree and Continue

## Ensure Traceability Through Audit Trails

Automatically track and record every action performed by users, such as creating, editing, signing, or approving documents, with date and time stamps. The audit trail provides detailed records of each action, including the user, screen name, action performed, transaction details, and any associated comments.

Easily retrieve audit trail records during audits or reviews with Logilab ELN's built-in capabilities to review, archive, and export records at any time.

User	Screen name	Actions	Transactions	Audit Type	Comments
 Kiara Ansari	Orders	E-Sign	 Jun-08-2024  12:05:04	System Generated	Kiara approved ELN order 'ELN1004731' by signing it.
 <input checked="" type="checkbox"/> Sundar P	Project Team	Create	 Jun-08-2024  12:04:19	System Generated	'Project Team A' was created by Sundar P, with Swapna and Rishi.
 Manigandan	Sheet Orders	Create	 Jun-08-2024  12:02:23	System Generated	A folder 'Cell Structure' was created by Kaavya, with visibility set to 'Site'.



# Why go paperless with Logilab ELN



## Web-Based Accessibility

Eliminates the need for software installation by providing seamless access through standard web browsers like Chrome, Firefox, Safari, and more—on desktop and tablet.



## Cost Effective Automation

Eliminates manual processes with a fully automated, paperless workflow, significantly reducing operational costs.



## Designed for Labs of All Sizes

Specifically designed to support the needs of small, medium, and large labs across diverse industries.



## Minimized Compliance Risks

Adheres to industry standards like 21 CFR Part 11 and Eudralex Annex 11, reducing the risk of non-compliance with regulatory requirements.

## One Solution, Endless Integrations: Connect Your Lab Instruments with Ease

Use out-of-box integrations directly within **Logilab ELN**, and connect ELN to other software solutions via REST API'S



Import pre-existing data from Excel and Word seamlessly



Integrate with any file-based & standalone analytical instrument



Integrate with RS232 & TCP/IP port-based instruments



Transfer validated results to LIMS using an advanced parser



Extract instrument data effortlessly with SDMS

Other external systems

Integrate with ERP, MES, CRM and more via REST API's



# Logilab ELN - Deployment Options

Logilab ELN is licensed based on number of users

	On-Premise	Customer owned Cloud	Agaram Hosted and Managed Cloud
1 Perpetual License	✓	✓	✓
2 SaaS Subscription		✓	✓

# Logilab ELN - Pricing Options

Just the right plans for labs of all sizes

**RECOMMENDED**

## Standard

Perfect for individuals and small labs

**Everything in Free, plus:**

- ◆ Single Site
- ◆ Basic Inventory
- ◆ Configurable Workflows
- ◆ 250 GB File Storage
- ◆ Audit Trails

**Popular**

## Premium

For mid-sized and large teams

**Everything in Standard, plus:**

- ◆ Multi-Site
- ◆ Advanced Inventory
- ◆ 1 TB Storage
- ◆ SLA - L1: 24/5 (Mon to Fri), L2,L3: 9 hrs (Mon to Fri)

## Enterprise

For large teams with > 200 users

**Everything in Premium, plus**

- ◆ Multi-Site
- ◆ Multiple Environments/ Domains
- ◆ Your Choice of Data Residency
- ◆ Storage On Request
- ◆ 24/7 Enterprise Support

## Experience Logilab ELN For Free

Get familiar with Logilab ELN at no cost for up to 3 users!  
Scan QR to get started.



**Industry Agnostic**

Go-to solution for multiple industry verticals

**Boost Lab Productivity & Cut Costs**

Speeds up lab processes and reduce operational costs by

**63%**

**Template-Based Data Entry**



Record structured and unstructured data with Labsheets and Protocol Templates

**Transfer to ELN with Ease**



No steep learning curve — familiar and user-friendly tools, simply more powerful



**Streamlining Laboratory Operations Across the Globe**

**Audit Trails & Regulatory Compliance**

**Full traceability** for every action



Adhere to

**GxP, 21 CFR Part 11**

and

**EudraLex Annex 11**

Built for both regulated GxP & non-regulated labs

**Secure Cloud or On-premise**

Flexibility to match your **Lab's needs**



**Instrument Integration**



Integrate with any instrument and extract precise data directly into templates

**Dynamic Inventory Management**

Stock, track and label materials

**3x faster**

**Report Generation**

**Tag key parameters**

And generate comprehensive reports with Report Designer Tool

Trusted by over **100+ Valued Customers**



HINDUSTAN PETROLEUM CORP. LTD.





**Agaram**  
TECHNOLOGIES

To learn more about Logilab ELN or other Agaram software and informatics solutions, visit us at: <https://www.logilabeln.com/>

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