

# LANEXO® Lab Inventory, Safety and Compliance Management System

## Release Notes

LANEXO® System Release Notes provide a brief insight into updates on the Mobile and Web Applications.

It uses a number logic for the releases of Mobile App and Web App, where the first digit on the version number indicates a new major release with brand new features. The second digit indicates minor releases which adapt existing features, and the last digit is intended for bug fix or security fixes only.

## Intended Audience

All customers and users of the LANEXO® System.

## Note

Please schedule an **upgrade** under **Administration menu > Version Control** on **Web app** for the latest version with new features/improvements and bug fixes.

Users might have to analyze the impact for additional validation needs of the Application at their site, before upgrading to the new release.



## Version History

Date	Version	Description
21-MAR-2022	V2.0.0	LANEXO® 2.0 Mobile App and Web App.
22-JUN-2022	<b>R_2022-100</b> vADM_2.1.0 vCON_2.0.1 vEXP_2.0.1	Back-up feature release in the Administration module. Bug fixes in Audit Trail, Consumables and Experiment modules.
27-AUG-2022	<b>R_2022-200</b> vADM_2.2.0	Article batch upload feature in the Consumables module and its data management in the Administration module. Bug fixes in Audit Trail, Dashboard and Experiment modules.
22-OCT-2022	<b>R_2022-300</b> vADM_2.3.0 vCON_2.1.0 vINT_2.0.0 (new)	New integration module to access LANEXO data via open end APIs (read-only). Bulk scanning of consumables in Inventory Count via UHF gun. New user role to register consumables only. Bug fixes in Administration, Consumables and Location.
17-DEC-2022	<b>R_2022-400</b> vADM_2.4.0 vAUD_2.1.0 vBAS_2.1.0 vCON_2.1.1 vINT_2.1.0 vLOC_2.0.1	Bi-directional integration to read and write to LANEXO via open end APIs. Register consumables and locations using barcode labels. Scan barcode to view registered data, relocate, use in Experiments & perform inventory count. Basket with improved filtering, sorting and connectivity to SigmaAldrich eShop. Bug fixes in Administration, Consumables and Location modules.

# LANEXO<sup>®</sup> System

Release Date: 17-December-2022

## Resolved Issues

The following tables detail the new features/improvements, resolved issues such as bug fixes and security fixes in this release.

## New Features / Improvements

Module	Feature Description
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### Basket

The Merck/SigmaAldrich consumables will have an option to reorder via the SigmaAldrich eShop portal.

Basket Items

Search

Export

Mark as Reordered

Order Arrived

Place Order

1

Items per page: 10 | 1-2 of 2 items

1 of 1 pages | 1

<input type="checkbox"/> Article Name	Supplier	Article No.	Location Path	Existing Amount	Minimum Amount	Missing Amount	Restock Amount	Reordered Amount	Type
<input checked="" type="checkbox"/> Acetonitrile gradient grade for liquid chromatography Reag. Ph Eur	Merck KGaA, Darmstadt, Germany	1000302500	-	1	-	-	10	-	Manually
<input type="checkbox"/> Buffer A	-	Buffer A	Cabinet A	1	5	4	4	-	Rule

Reorder list could be filtered, sorted, and exported as a CSV file to order via SigmaAldrich eShop.

Basket Items

Search

Export

Mark as Reordered

Order Arrived

Place Order

Filters

Clear All Filters

Article Name

Search Article Name...

Supplier

Search Supplier...

Article No.

Search Article No...

Re-order State

Search Re-order State...

Location Path

Choose Location Path...

Minimum Amount

Restock Amount

Items per page: 10

1-2 of 2 items

1 of 1 pages

<input type="checkbox"/> Article Name	Supplier	Article No.	Location Path	Existing Amount	Minimum Amount	Missing Amount	Restock Amount	Reordered Amount	Type
<input type="checkbox"/> Acetonitrile gradient grade for liquid chromatography Reag. Ph Eur	Merck KGaA, Darmstadt, Germany	1000302500	-	1	-	-	10	-	Manually
<input type="checkbox"/> Buffer A	-	Buffer A	Cabinet A	1	5	4	4	-	Rule

Filters

Clear All Filters

Article Name

Search Article Name...

Location Path

Choose Location Path...

Re-order State

Search Re-order State...

Items per page: 10

1-2 of 2 items

1 of 1 pages

<input type="checkbox"/> Article Name	Supplier	Article No.	Location Path	Existing Amount	Minimum Amount	Missing Amount	Restock Amount	Reordered Amount	Type
<input checked="" type="checkbox"/> Acetonitrile gradient grade for liquid chromatography Reag. Ph Eur	Merck KGaA, Darmstadt, Germany	1000302500	-	1	-	-	10	-	Manually
<input type="checkbox"/> Buffer A	-	Buffer A	Cabinet A	1	5	4	4	-	Rule

Export Basket Articles

PDF

JSON

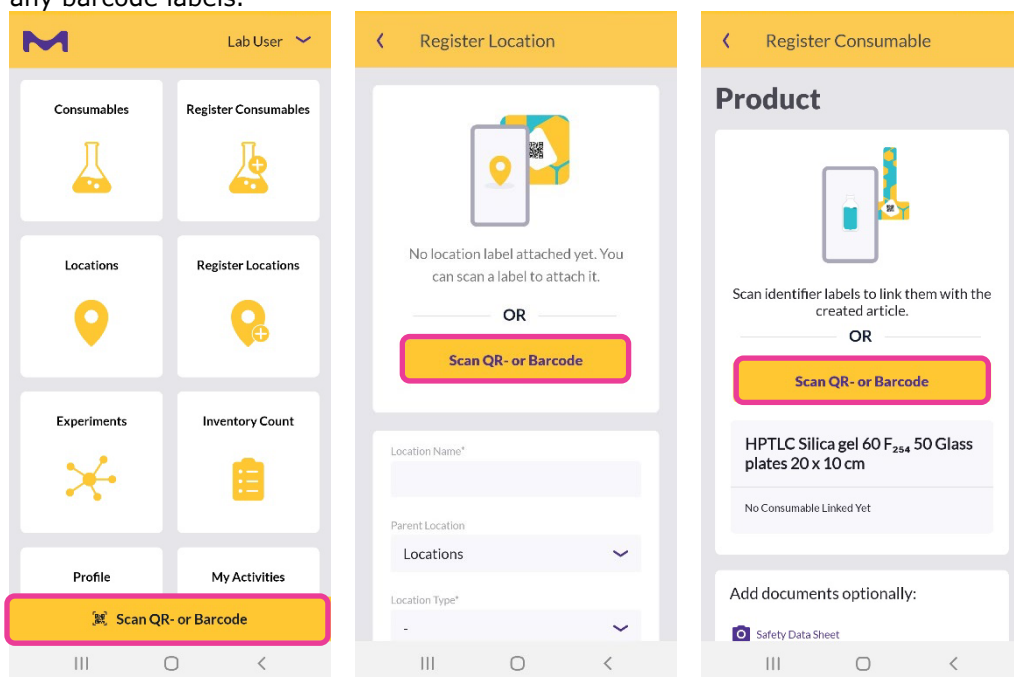
XML

CSV

### Consumables

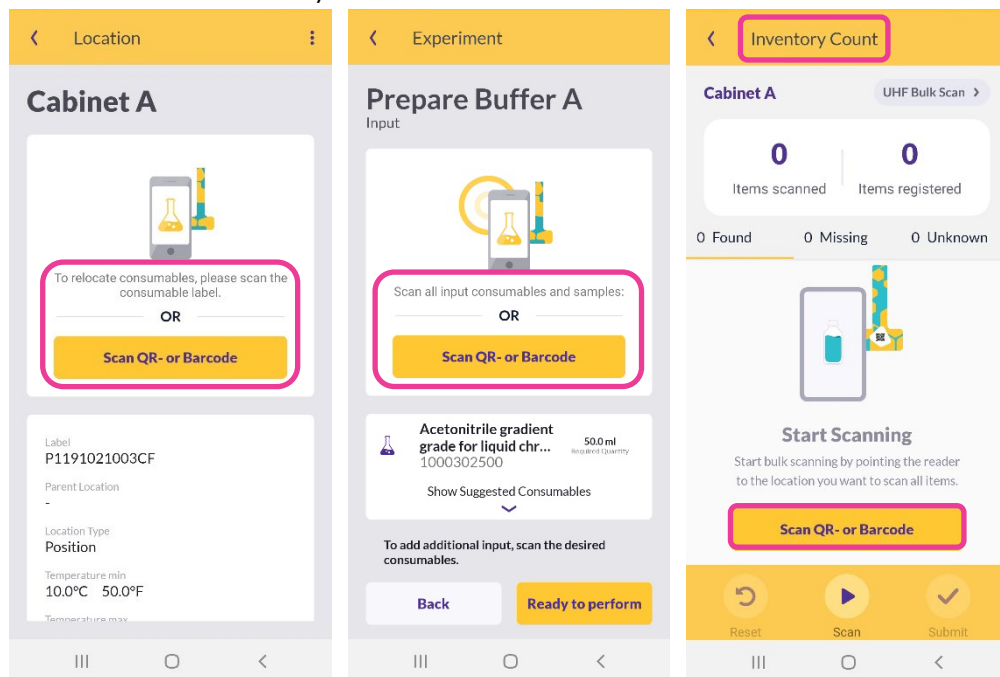
Improved scanning of SigmaAldrich chemical labels to auto-populate data at the registration step.

Register consumables and location by scanning the barcode either on LANEXO labels or any barcode labels.



Scan the registered barcode label to perform activities such as

- View the Consumables data
- Location, relocation of consumable and view consumables list in a location
- Input/Output consumables in Experiments
- Perform Inventory Count



## Integration

Bi-directional (read-write) integration module to access and update LANEXO data via open end APIs by using your applications such as LIMS, ELN, ERP, etc.

It includes:

- Authorization and permission to write to LANEXO

- Access and update user permissions on LANEXO
- Create and modify Consumables data
- Create and modify Articles data
- Create and modify Locations data
- Create and modify Experiments data
- Create and modify Basket data

## Bug Fixes

Module	Description
<b>Administration</b>	API of mobile app has been updated to deploy in the Google PlayStore.
<b>Consumables</b>	Deleting an article linked to consumables or experiment showed a wrong pop-up translation in German version. This has been fixed.
	Sealed consumables did not show the deducted volume on the volume history and change the seal icon to open. This has been fixed.
<b>Location</b>	Scanning an unregistered consumable in the Inventory Count doesn't show a pop-up that it is unregistered. This has been fixed.
	Replacing location label did not link the location to a new label. This has been fixed.

### Note for regulated customers

With the changes on the software, the validation status of the Application needs to be reestablished by the user. Please reach out to us at [LANEXO@merckgroup.com](mailto:LANEXO@merckgroup.com) to receive the IQ/OQ documentation for your validation analysis.

## Customer Support

In case of technical questions, please reach out to us at [LANEXO@merckgroup.com](mailto:LANEXO@merckgroup.com).

Below find the customer support contact details:

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