

Tip #15: Let's get organized: Databases and Freezer Boxes

Every lab has "materials" that could use better organization: Reagents, equipment, samples, etc. With LabArchives, you can create a database (which can be shared with the lab or with groups of users) in which to store important information about these materials, including their physical location. LabArchives comes "pre-loaded" with some database and Freezer Box Widgets which you can use "out of the box"; or you can modify ours or even create your own from scratch.

Your database(s) will be "Entries" somewhere within your Notebook. To start a Database, just go to the desired page and choose the Entry type of Widget, then choose "Chemical Inventory" for example. Since this is a new Database of chemicals, it will ask you to enter your first reagent:



Create New Entry [X]

Name

Serial #

Owner

Location **Freezer** ▾

Sub-location (Details)

Vendor (Cat. No.)

Quantity Price Unit Size

Expiration Date [Calendar Icon]

CAS Number

URL 1

URL 2

Alternate Name

Molecular Weight

Physical State **Solid** ▾

Purity

Formula

As you enter and save your reagents, it will build a Database for you:

View Copy to Clipboard Export to File Show / Hide columns

Name	Manufacturer	Catalog	Size	Units	CAS	Weight	Price	URL	Description
Acetaldehyde	Spectrum	A2147-100ML	100	ml	75-07-0	44.05	215.20	https://www.spectrumchemical.co	
Acetone	Spectrum	LC15420-55002	4	L	67-64-1	58.08	153.15	https://www.spectrumchemical.co	
Benzene	Spectrum	B02220-6	500	ml	71-43-2		67.75	https://www.spectrumchemical.co	
Chloroform	Spectrum	C1220-100ML	100	ml	67-66-3	119.38	43.50	https://www.spectrumchemical.co	
Ethyl Acetate	Spectrum	E1025-500MLGL	500	ml	141-79-6	88.11	72.05	https://www.spectrumchemical.co	
Isopentyl Alcohol	Spectrum	I1047-100ML	100	ml	123-51-3	88.15	66.15	https://www.spectrumchemical.co	
MATRI-GEL MATRIX 5ML	BD Bioscience	266234	5	ml			211.98	http://scientific-supplies.thomson	
Sodium Sulfide ACS Anhydrous	Sigma-Aldrich	239313-2.5KG	2500	g	50968-11-6	124	133.00	http://www.sigmaaldrich.com/Chem	Linear Formula Na2S04
Tris(2-methylallyl)dimethylsilane	Sigma-Aldrich	448915	100	g	17082-86-1	268.81		http://www.sigmaaldrich.com/catal	

Showing 1 to 9 of 9 entries First Previous Next Last

Once built, you can search, sort, and edit as you wish. And, very importantly, you can modify the Database to include the fields that are important to you.

Our Freezer Box Widget is similar to the Database Widget: It is a special database organized according to standard rectangular storage devices. And, as with the Database Widget, you can create your own fields depending on what you are storing, and you can have them in any dimension, plus choose color and tube color:

Here is a 4 x 4 Freezer Box to give you an idea:

Name: Demonstration Freezer Box
 Size: 4x4
 Color: blue
 Location: Freezer room #302, 2nd shelf
 Description: This is only a demonstration, but put anything you want in this text box.

	A	B	C	D
1	E. Coli Bacteria 	Staph Bacteria 		
2			Aspergillus niger Fungi 	
3				
4				

Using the pre-defined LabArchives Databases and Freezer Boxes is completely intuitive, and designing your own templates is simple, too. Sign up for one of our Widget [Webinars](#), or [contact our Support Team](#), to learn how to create your own.