

## CDD Extensions

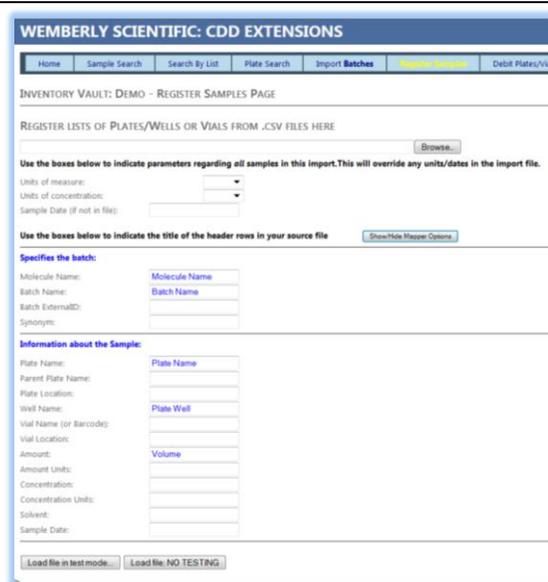
*CDD Extensions are a family of tools that live outside the CDD web application that extend the capabilities of the CDD Vault® Pro*

## Inventory

*WemberlySoft Inventory is a website that automatically imports the batches you designate, and allows you to create and manage **samples** (plates, well or vials) of any batch.*

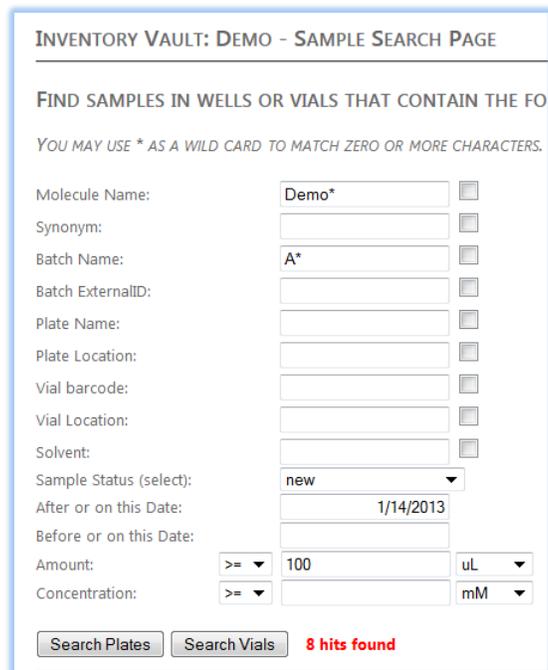
After Inventory automatically imports your selected batches into the Inventory database, you can register samples:

- Samples are wells in a plate *or* vials.
- Plates can be 96, 384 or 1536.
- You can specify amounts (volume or mass), and for solutions, you can specify concentrations and solvents.
- Like the CDD system, Inventory uses the familiar process of registering using data from CDD files mapped with templates.



But what if I register new batches in CDD? Inventory contacts CDD nightly for updates, or you can request an *ad hoc* update anytime.

- You can search for samples using a number of parameters: molecule name, synonym, batch name, amount, solvent, status, location, dates, etc.
- Results are provided as sortable tables, and can be downloaded as .csv files for storage or more advance sorting.
- You can also search by pasting in a list of molecule, plate, or vial names



Creating new samples from existing samples is a key feature of Inventory:

- You can record the transfer (debit) of samples (by mass or volume) from vials or wells to new vials or wells.
- Testing mode lets you determine if your proposed transfers are safe (that well or plate you are transferring from exists)
- All transfers specify a warning threshold so you don't deplete samples
- The clipboard mode allows quick sample moves without creating and saving a .csv file

#### INVENTORY VAULT: DEMO - SAMPLE DEBIT PAGE

REGISTER DEBITING OF CONTAINERS FROM .CSV FILES OR BY COPY AND PASTE HERE

Column headers for your data (in the file, or in the pasted text) should be *Plate, Well, Amount* OR If transferring to a new container (e.g. cherry picking), column headers for destination should be *D*

Load data from file Load data from Clipboard

Select file with debit data

C:\inventory\vial transfers 2013-03-22.csv

Enter data below related to this transaction/debit

Threshold for remaining amount warning

Units of measure:

Dilution permitted during cherry picking:

Date of transaction (required):

Validate Proposed Replication:

Test Replication:

Error/validation messages related to this transaction/debit

- Inventory also supports complex “up” and “down” plate stamping:
  - 96→384 or 1536
  - 384→1536
  - 1536→384, 96
  - 384→96
- Multiple copies can be made at one time
- Inventory checks for errors in the test mode

#### WEMBERLY SCIENTIFIC: CDD EXTENSIONS

Home Sample Search Search By List Plate Search Import Batches Register Samples

#### INVENTORY VAULT: DEMO - PLATE MULTISTAMPER PAGE

USE THIS PAGE TO MAKE DAUGHTER PLATES FROM A MASTER PLATE

Master Plate Format  Daughter Plate Format  Direction

Master Plate(s)

MP1003.1  
MP1005.3  
MP1004.8  
MP2090.8

Daughter Plate(s)

DP\_384\_2879 copy 1  
DP\_384\_2879 copy 2  
DP\_384\_2879 copy 3  
DP\_384\_2879 copy 4  
DP\_384\_2879 copy 5

Transaction date:

Amount to remove from master wells:

Amount to add to daughter wells:  (If left blank, amount removed will be used)

Threshold alert level:

Units of measure:

Validate Proposed Replication:

Test Proposed Replication:

Get Replication Report:

Use the directives in the Replication Report .csv file to drive a debit run on the [Debit Plates/Vials](#) Page.

To learn about other features or to arrange for a demo, contact us at [info@collaborativedrug.com](mailto:info@collaborativedrug.com).



Inventory is run as a service on behalf of CDD by Wemberly Scientific.  
Visit us at [www.wemberlysoft.com](http://www.wemberlysoft.com)