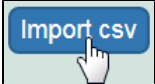


Data and conditions1

- 1. Add data values to Data and Conditions.
 - a. To import a file of data values
 - i. Save the spreadsheet of data values to a csv (comma-separated value) file.
 - ii. Click **Import csv** and select and follow the prompts to add the data file to the Findings Info.



- iii. The columns and data are added to Data and Conditions.
 - b. To add the data values manually
 - i. Specify the number of **columns** and **rows** for the matrix, and click **Update**.

Finding Info

Data and Conditions

2 columns 3 rows

Update

- ii. Add the data values to the rows.

Whether you imported or added information manually, you can preface each data value with one of the following: Maintain the default, equal to (=), or select greater than (>), less than (<), or infinity (approximate).

Constant Value

Remove

Save

Cancel

> 23.0

> 23.0

> 23.0

Delete

~ 12.0

~ 12.0

= 12.0

Delete

Files

Add

- 2. To define a column, click an underlined column heading.

Finding Info

Data and Conditions

Column Data

Column 1

The Column Definition panel displays.

Column Definitions

Column Type *

datum

Column Name *

datum

Column Value Type

Column Value Unit

Constant Value

Reset

Save

Cancel

1. Select a **Column Type**, Datum or Condition.
2. Select a **Column Name** or select **other** and add a new one.



Column Notes

You can add up to three cell viability Column Names, including **cell viability**, **cell viability B**, and **cell viability C**. You can further identify the column with the Column Value Type.

- a. For Column Type, **Datum**, the following characterization(s) display customized **Column Name** options.

Characterization Type	Column Type and Column Name Option(s)
Physico-Chemical	• Molecular – Molecular Weight • Purity – % purity for sample • Relaxivity – R1, R2, T1, T2 • Size – PD1, Peak N , RMS size, Z Average • Surface – charge, zeta potential
In Vitro	Enzyme Induction – % of Control
In Vivo	Click Other to name the column yourself.

- b. For Column Type, **Condition**, all characterizations provide the **Column Name** options in the left column of the following table. The Column Name autopopulates the **Condition Property** options in the right column.

Column Type, Condition Autopopulates Column Name	Column Name Autopopulates Condition Property
Centrifugation	N/A
Culture Media	media type, serum percentage
Electromagnetic Radiation	bandwidth, frequency, time, wavelength
Freeze Thaw	N/A
Long Term Storage	lyophilized, time
Lyophilization	time
pH	N/A
Sample concentration	N/A
Short Term Storage	lyophilized, time
Solvent Media	ion concentration, ionic strength, molecular formula, osmolality, serum percentage, with serum
Sonication	number of pulses, pulse duration
Temperature	N/A

3. To further identify a column, select a **Column Value Type**.



Once the column information is saved, the Column Type is shown in parentheses after the Column Name, such as **cell viability (mean)**.

- **boolean**
- **mean**
- **median**
- **mode**
- **observed**
- **standard deviation**
- **Z-score**

4. Select a **Column Value Unit**, or select **other** and add one.
5. If you want the same value to fill all rows in a column, add a **Constant Value**.



For Column Value Type, **boolean**

For Column Value Type, **boolean**, enter a Constant Value of 1 for true and 0 for false.





6. Click **Save**, and the column(s) are updated.



If needed, click **Set Column Order** to change the order of the column headings in the matrix.

7. Click **Save** in the Finding section.