
Why is Excel supplied as the software in the MicroSolv qualification kits - INTERNAL ONLY

Excel is almost universal- INTERNAL ONLY

When it comes to the MicroSolv qualification kit (PQ, HSQ and UV-vis) software, the choice to use Excel® as a “language” is rational.

In the early parts of design, the kits were going to be written in compiled language. For a multitude of users and availability of various instruments, Excel was eventually chosen as it is nearly universal worldwide and fits many types of graphics, calculations, etc.

Although Java script or other platforms might work better for interactive internet use, for our current users that extend internationally, the Excel platform has proven to be a good choice.

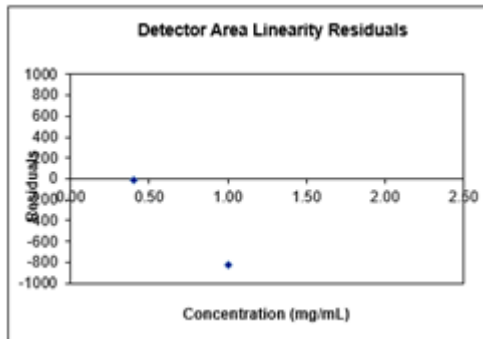
Rescaling graphs in the MicroSolv HPLC PQ Kit Excel template - Tips & Suggestions

Steps to manually re-scale the Y-axis in the PQ Kit template

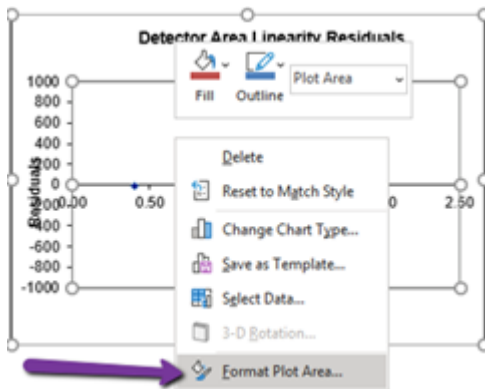
Note, Residual graphs are not automatically set to scale of the data entered. As such, the Y-axis default settings may be out of ratio for the data values entered. By manually re-scaling the Y-axis, it will reflect your values for a more effective visual ratio.

Please use the following instructions to format and scale the Y-axis of graphs in the MicroSolv HPLC PQ Kit Excel template :

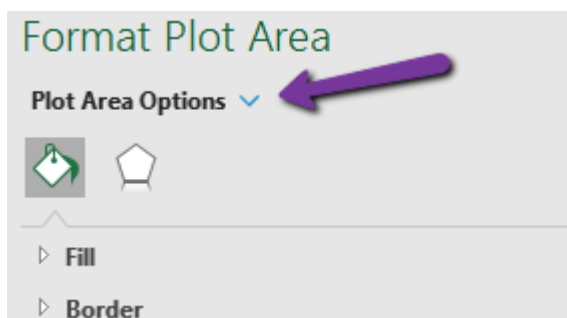
1. In the detector linearity tab of the PQ RID spreadsheet, right click on the detector linearity residual graph.



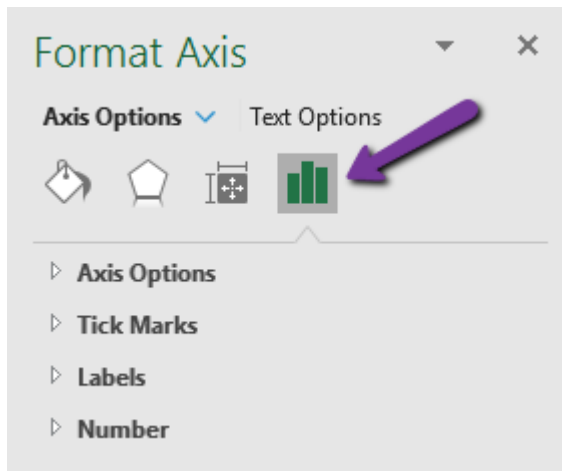
2. This will open a tab of options. Click **“Format Plot Area.”**



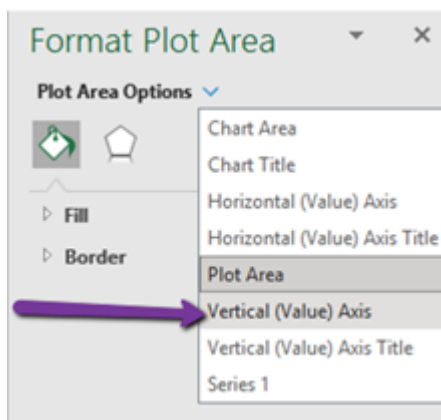
3. This opens a new grey tab to the right of the screen, labeled, **“Format Plot Area.”** Click the blue arrow next to the **“Plot Area Options.”**



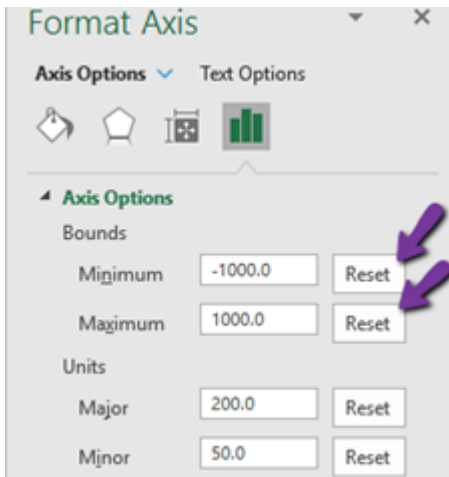
4. Next, click the ‘Graph’ icon.



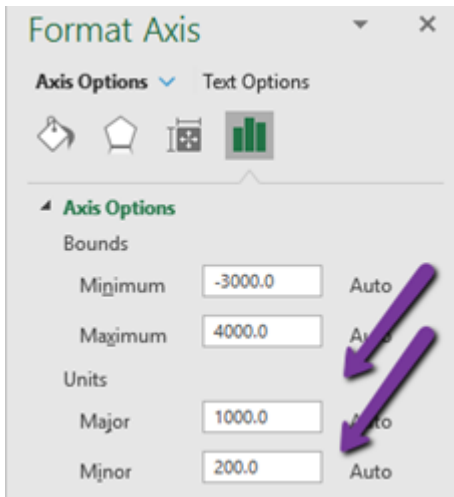
5. This will open a list under “**Plot Area Options.**” click the “**Vertical (Value) Axis**” option.



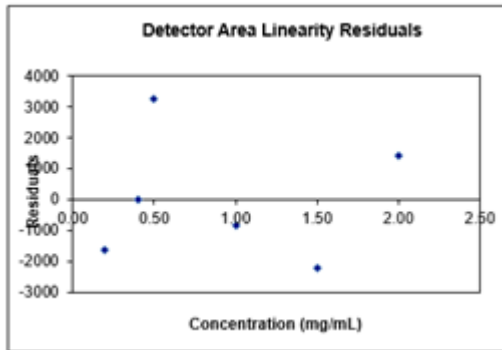
6. This will open a tab to “**Axis Options.**” Then Check “**Reset**” on both the *Minimum* and *Maximum Bounds*.



7. Then check **“Reset”** on both the *Major* and *Minor* **Units**.



8. Your new graph should now be to scale and display all data points.



Validation protocol for the PQ kit template - Tips & Suggestions

The validation protocol in the attachment is intended to help you document and validate the MicroSolv HPLC PQ kit Excel template used for HPLC qualifications.

The Excel file given for the latest version of the Performance Qualification is for 97-2003 Microsoft Excel Worksheet, but this is also compatible with Excel 2010.

For operating in Excel 2010, you will have to load the “analysis tool-pak” found in Excel under “File/Options/Add-in.” You must run the add-in, then close Excel before it will work with our software. Also, you must set your security settings to “Low” to allow the macros in our software to run properly.

To set the security settings in Excel 2010, go to “File/Options/Trust Center/Macro Settings” and “Enable all Macros”.

Attachment

PQ HPLC rev7 07 Validation pdf [Download File](#)
