

Instructions for Transferring UV/Vis Sample Scans onto Excel for Data Manipulation

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- A. Transfer the sample scan file from the instrument computer onto the network by clicking Open>Explore—click and drag the file into the network folder. Getting the file onto the network will allow you to open the file at another computer.
- B. Use a computer in the P.Chem. Lab (Rm. 246B) or the computer for the Cary 400 UV Spectrometer to transfer the sample scans onto Microsoft Excel.
- C. Find the file on the network and double click to open the file. This will open the GRAMS32/AI file converter program. A window will appear that will ask about doing an update. Click No. Another window will appear that provides tips. Click OK. You will see the scan in the display.
- D. Go to File>Import/Export>ASCII_XY>Export
- E. Click on the down arrow in the “Look in:” box to find the file that you will be exporting, then double click on the file.
- F. A “File Export” window will appear, showing the file as a .PRN file. Click OK.
- G. Close the GRAMS32/AI file converter program.
- H. Now look in your network folder and you should see an excel file with the .PRN extension. If not, close the network folder and re-open.
- I. Double click on the new excel file, and the program will open with your data from the file in columns A and B. Go to the bottom of the data, and delete the little square □ in the column A cell. This will cause issues when manipulating the data.
- J. You are now ready to plot the data (ex. Line chart) and/or do what you need to do with the data.
- K. When saving the file, a window will appear asking to “keep workbook in this format.” Click Yes.
- L. **Save as a text file** (comes up as a default) if you want just the data points in text format. Amend the file name to make it unique. The file extension will be .TXT
- M. **Save as “Microsoft Office Excel Workbook”** if you want to save the data points along with a chart you may have generated in the excel workbook. Amend the file name to make it unique. The file extension will show up as .XLS
- N. Files will be saved in your network folder unless you directed it to another folder.

Please contact Celeste @x3756, Rm. 256 if you have questions.