- Open SpectraSuite software by clicking on the desktop icon.
- Be sure that the lamp source is on check the back of the source to be sure the toggle switch is on the on position a green light on the front just indicates the power is on.
- Under the file menu **select new** then **select Absorbance Measurement**. This will open a wizard to help you set the spectrometer's acquisition parameters.
- You will see the source wizard which should have the source and Type (USB4000) highlighted. Select next.
- The set acquisition parameter wizard opens. In the integration time box click "set automatically". In the Smoothing box set the "scans to average" to 10 and the "boxcar width" to 2. Once completed select next.
- With a reference cuvette in the sample compartment **click on the yellow bulb icon** to acquire a reference spectrum. The reference cuvette can either be empty or contain the solvent that you will use for your sample. Select next.
- You must now store a dark spectrum. Insert the cuvette stuffed with a Kimwipe (you want to block the pathlength so no light reaches the detector) and click on the dark bulb.
- Now select finish.
- Place the cuvette containing your sample into the sample compartment and observe your spectrum. If the solution is too concentrated, dilution may be necessary.

General Tips:

- Be careful not to touch the optical window part of the cuvette when handling.
- It is best to use the same cuvette for the reference and sample spectrum and be sure to position the cuvette the same way for each measurement.
- You should wipe off the outside of the cuvette with a Kimwipe before inserting into the sample compartment.
- Do not place cuvettes on top of the lamp source, spectrometer, or computer.