Bruker Alpha-T Instructions

Starting Software

I. Ensure that the beam path is clear
II. Open OPUS 6.5 with username and password provided by the Lab Instructor
III. Allow the Alpha-P to run diagnostic test
   a. When finished it will prompt you to ‘CONTINUE’ or ‘RUN Background’
   b. Run ‘Background’ when completed press ‘CONTINUE’

Loading the sample (Illustration 1)

I. Place your sample into the appropriate sample holder (KBr pellet, NaCl disk, polymer film)
II. Place sample holder into the Alpha-T sample compartment

Sample Measurement

I. Ensure that the sample is aligned properly in the beam path
II. Click on the icon to run a FTIR measurement of the sample
   a. Name the sample
   b. Start Sample Measurement
III. Click on the icon to run a standard peak pick of the spectra
   a. Right-click mouse and to chose Single Peak Pick for manual selection
IV. If the colour of the spectra OR the peak picker is in need of change, please click on either of the icons and change to an appropriate colour
V. Click on the icon to print your spectra
VI. Click on the icon to remove your spectra from the workspace
VII. Remove your sample and confirm that the sample compartment is clean before leaving