

FT IR directions by Dr. Juliet Hahn May 29, 2008

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1. Turn on the Toggle switch on the FT IR instrument itself. The computer should be on when you come in to use the FTIR.
2. open the FTIR icon.
3. click on measure
4. click on measurement
5. click on initialize
6. do OK to remove bkg?
7. on the right under the data tab:

choose

%T

Happ-Genzel

# scans = 4 (use more if your spectrum looks like nothing is in the sample)

Resolution = 2.0

Range = 400 to 4000

8. click on BKG (you will see # of 4 scans until you get 4 of 4 scans when it finishes)  
(This should be done with nothing in the sample compartment)
9. click on measure – check to see if you have the same numbers as shown in 7 above  
(Load sample in sample compartment )
10. click on sample (You will see # of 4 scans until you get 4 of 4 scans when it finishes)
11. click manipulate #1 peak table  
set threshold to where the real peaks are located on the %T scale  
calculate (to see what it looks like)  
OK (to save the picked peaks)
12. do print preview – it will ask you to choose template, choose **templateJHahn**  
do print form
13. do save as and name file as your initials date notebook page  
Ex: JMH-52908-34
14. under file do export to save onto a USB drive save name in the same format as above