

Experiment 8b: Titration of an unknown solid acid
Fourth Virtual Laboratory

This Lab can be accessed at following Link:

http://collective.chem.cmu.edu/chem/ualr/vlab_html5/vlab3.php

or

https://chem.libretexts.org/Courses/University_of_Arkansas_Little_Rock/Chem_1403%3A_General_Chemistry_2/LABS/Virtual_Laboratory/Virtual_Post_Lab_8B_-_Titration_of_a_Solid_Acid

You will need to determine K_A and the molar mass of your unknown. Contact the TA if you forgot your unknown number, as you are using the same unknown all semester.

Your report needs to include:

a. Unknown number _____

b. K_a of your unknown acid _____

c. Molar Mass of your unknown acid _____

This is a rather challenging assignment because you have no idea of what mass (or volume) of acid you need. Before you begin you should review the Tips: for Experiment 8B. It is strongly encouraged that you work with fellow.