

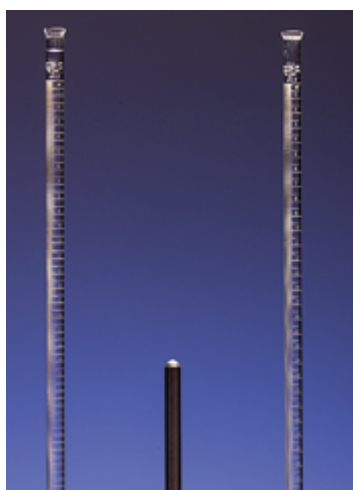
Performing a Titration, Part 1

The following procedure is used to determine the unknown concentration of an acid solution by titrating the solution with a standardized base solution.

Decide which buret will be used for the acid and which will be used for the base. Label each buret to avoid confusion. Rinse the acid buret three times with the acid to be used in the titration. Use the base solution to rinse the other buret in a similar manner.



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2 Fill the acid buret with the acid solution to a point above the 0 mL mark.



3 Release some acid into a waste flask to lower the volume into the calibrated portion of the buret.



4 Record the volume of the acid in the buret to the nearest 0.01 mL as your starting point.



5 Release a volume of acid (determined by your lab procedure) into a clean Erlenmeyer flask.



6 Record the new volume reading, and subtract the starting volume to find the volume of acid added.



7 Add three drops of an appropriate indicator (phenolphthalein in this case) to the flask.