

## Procedure

Step 1: Obtain acid, in a 100 ml Erlenmeyer flask add 35 ml of .2M HCl solution.

Step 2: Add an indicator to the acid, select the flask and add 2 drops of phenolphthalein indicator. The indicator menu is available under the chemicals main menu (Chemicals→Indicators) or the context menu.

Step 3: Fill buret with NaOH, obtain a 50 ml buret and fill with .2M NaOH solution.

Step 4: Titrate NaOH into HCl until end point, record initial buret volume and add NaOH (quickly at first then slowly) until the HCl solution turns pink and record the final buret volume of NaOH in buret.

Step 5 repeat steps 1-4 using pH meter, add a pH meter to the acid solution. Record several points of pH and NaOH added (especially near equivalence point) to be use later to prepare a titration curve.