**Lab Practical Titrations**

You will be placed into random groups for this lab. Your goal is to determine the molarity of an unknown concentration of either sodium hydroxide or hydrochloric acid (one will be given). You must be accurate within 0.2 M. For each 0.2 M you are off, you will be deducted 3 points. I suggest running multiple trials to make sure you did not make a mistake (3 trials is ideal). You will not get pH probes, but you will get phenolphthalein. You need to format your work in the following way:

-Title (5 pts)

-Procedure (10 pts) \*\*REMEMBER TO BE DETAILED\*\*

-Data Table (10 pts) w/ calculations

-Conclusion (10 pts)

-Reflection (answer “If I were to do this again, how would I improve my results?”) (10 pts.)

-Accuracy in Calculations (10 pts.)­­­

Total: 55 points