Name_____Section_____

CHM115 Lab 3 Report Form
Standardization of Sodium Hydroxide

Write the balanced equation for this titration. Circle the analyte.

As always, attach one sample of each type of calculation. Watch sig figs!

	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
Mass pure KHP (g)					
Moles pure KHP					
Volume of NaOH used (mL)					
M NaOH					

Average M _____

	Trial 1	Trial 2	Trial 3	Trial 4	Trial 5
Deviation					

Average deviation_____

Be sure to indicate if any data were omitted from the calculations and your reasoning in leaving them out.

Which THREE trials from the five you completed give the best precision?

Using the THREE trials that give the best precision, compute the average and average deviation below.   These are the numbers that you will use in Lab 4.

Molarity of NaOH: _____ ± _____