NOTE: This report will only pertain to Procedure 4 - Density of an unknown aqueous solution

Title Page Include the following information in the order given: • descriptive title • course # and section # • author's name • partner's name • date(s) performed	Unacceptable title (copied from the handout, and not at all descriptive). *Titrations* Acceptable Title (not copied from the handout; very descriptive) *Determination of potassium hydrogen phthalate in a mixture by titration with sodium hydroxide.*
Abstract • identify the sample or reaction being analyzed • state what is being determined • identify the analytical method(s) used • summarize the results	Example *A random sample was obtained from an unknown mixture (ID#342) of solid potassium hydrogen phthalate (KHP) and solid sodium chloride. The amount of KHP in the sample was determined by titration with sodium hydroxide and found to be 34.3 ± 1.2 % (mass/mass) with 95% confidence.*
Procedure • Sufficient detail and clarity for someone else to repeat the experiment and results. • Remember – This is only for Procedure 4.	Give a concise description of how the experiment was done. The procedure should have sufficient detail and clarity for someone else to reproduce the experiment. Do not include unnecessary details. Write in sentence-paragraph format, not bullets or lists. Do not copy what's written in the lab handout. Use your own words.
Data & Results • Unknown ID# • Temperature • Table 1 (Table 6 from handout, renamed)	Tables: Place table #, title and description above each table. Figures: Place figure #, title and description below each figure.
Discussion • Discuss sources of error in the density of the unknown liquid. • A volumetric pipet is calibrated by the factory to "deliver" the indicated volume. Discuss the error in density of the unknown aqueous solution in Procedure 4, that would be caused by forcing the last drop of liquid from the volumetric pipet. Would it cause a positive or negative deviation in the density?	
Calculations • Density of the unknown liquid	For each calculation, start by showing the equation in variable form, followed by the equation with numbers plugged in, followed by the result with proper units and sig figs. Use an equation editor to show calculations. No hand-written work will be accepted.
Overall Format	Clearly labeled sections in the order given above Appropriate 12 point font and 1.5 line spacing Numbered pages Left justified tables, equations, etc. (except for center justified title block)