

Part 1. Titration of a Weak Acid with a Strong Base

pH Equivalence Point (calc) _____ Selected Indicator _____

[illegible][illegible]

Part 2. Titration of a Weak Base with a Strong Acid

pH Equivalence Point (calc) _____ Selected Indicator _____

[illegible][illegible]

Post-Lab Graphs and Calculations

Graph the pH versus the mL of titrant for each of the titrations. Make sure the graph is large enough to reflect the care taken with measuring the pH and volume. Draw the best fitting smooth curve for the data. Label the equivalence point. Indicate the indicator color for each data point. Were the indicators selected appropriate for the two titrations? If not, why?