

Name \_\_\_\_\_

Chem 1194: Titrimetric Analysis Report

Date \_\_\_\_\_ Section \_\_\_\_\_

Project \_\_\_\_\_

\_\_\_\_\_ of \_\_\_\_\_ by \_\_\_\_\_ titration \_\_\_\_\_  
 Standardization / analysis      Solute standardized / Analyte & Sample ID      Reaction type      of / with

\_\_\_\_\_ to a \_\_\_\_\_ endpoint  
 Purity or Concentration & Formula or Name of Standard      Indicator

Mark if the concentration of standard is calculated below, or cite (e.g. notebook page number and date)

Balanced Equations For All  
 Stoichiometric Conversions:

Sample Calculation(s)  
 With Proper Significant  
 Figures and Full Units:

Mark if work shown on the back of this sheet.

Run Number	Calculated Value	Deviation $d_i = x_i - \bar{x}$	$d_i^2$	Remarks

$$Q_{\text{exp}} = \frac{|X_Q - X_{\text{closest}}|}{X_{\text{high}} - X_{\text{low}}} = \text{_____} = \text{_____} \quad Q_{\text{critical}} = \text{_____}$$

n: \_\_\_\_\_  $\bar{X}$ : \_\_\_\_\_ s: \_\_\_\_\_ RSD (ppt): \_\_\_\_\_  $t_{95\%,df}$ : \_\_\_\_\_

Reported Value with 95%  
 Confidence Interval and Unit  $\pm$