

Introduction to Titration

Date: _____ Name: _____ Lab Day/Time: _____

OBJECT: To learn all the techniques necessary to perform a successful titration, and then to determine the % difference between three practice titrations.

PROCEDURE: As in Chem 1105 lab manual, pp. _____

OBSERVATIONS:

DATA:

Volume of acid used in each titration: _____

	Run 1	Run 2	Run 3
Initial buret reading (mL)			
Final buret reading (mL)			
Therefore volume NaOH used (mL)			
End point colour, shade and time it lasted			

CALCULATIONS:

Calculate the percent difference between your first and second, first and third, and second and third runs in the space below.

Run 1 and Run 2 :

Run 1 and Run 3 :

Run 2 and Run 3 :

CONCLUSION:

A total of 3 titrations were performed. The two closest runs had a percent difference of _____%. The two farthest apart runs had a percent difference of _____%. The maximum acceptable % difference between 2 titrated runs is _____%.

QUESTIONS:

Attach answers to any assigned questions.