CHM 3120L

INTRODUCTION TO ANALYTICAL CHEMISTRY

LABORATORY REPORT

**EXPERIMENT: LITHIUM BY FLAME EMISSION**

Name: Click here to enter text.

Section: Click here to enter text.

Date Experiment Completed: Click here to enter a date.

Paste Excel plot of your calibration curve. In this plot, include error bars for each standard measurement that represent + 1 standard deviation

1.



2. Enter the least squares fit equation for your calibration line that is determined using ALL of the data. This equation might not be linear:



3. Enter the least squares fit equation for your calibration line that is determined using only those data which yield a linear fit.



4. Report the concentration of Li (in mg L-1) in your unknown sample: Click here to enter text.