

Name: \_\_\_\_\_

Section: \_\_\_\_\_

Partner's Name: \_\_\_\_\_

Date: \_\_\_\_\_

**SPECTROPHOTOMETRY  
DATA SHEET**

Concentration of the stock solution, M \_\_\_\_\_

Concentration of the primary solution, M \_\_\_\_\_

Concentration of the solution 1, M \_\_\_\_\_

Concentration of the solution 2, M \_\_\_\_\_

Concentration of the solution 3, M \_\_\_\_\_

Concentration of the solution 4, M \_\_\_\_\_

Concentration of the solution 5, M \_\_\_\_\_

Unknown Number: \_\_\_\_\_

Absorbance of the unknown \_\_\_\_\_

Concentration of the unknown (from graph), M \_\_\_\_\_

Calculations of the Concentrations of the  $\text{KMnO}_4$  Solutions

1. Concentration of the Primary
2. Concentration of Solution 1
3. Concentration of Solution 2
4. Concentration of Solution 3
5. Concentration of Solution 4
6. Concentration of Solution 5