

Caffeine Extraction Required Data

Due one week after experiment (individually to section TA, “representative example” for inter-group exchange). Include as a heading: your name, assigned group number, names of group members, and dates experiment was performed

Provide statistical analyses when appropriate (e.g. 95% confidence interval, standard deviation, error bars, etc.). Briefly justify your chosen method of analysis for each application.

1. **Tabulate** experimental values
 - a. Adjusted variables
 - b. Time
 - c. Absorbance

2. **Plot** concentration versus time for each adjusted variable

3. **Determine** effects of adjusted variables

4. **Calculate** an effective mass transfer coefficient