

Exp # _____

Name: _____

Student ID: _____

Chem 30A — Intro GOB Chem (I)

De Anza College

Class Section: _____

Experiment Title: _____

Unk#: _____

Bench / Locker : _____ / _____

(write N/A if no unknown for this experiment)

This box is for use by your instructor.

 pre-lab

 report

 total

Unknown Composition or Identity:



A report must be submitted for all lab experiments conducted to receive credit for your participation. You may only report on experiments you conducted.

Reminder: All experiment reports should include each of the following sections. Each section should start on a new page and be clearly labeled.

- ➡ COVER PAGE (this page)
- ➡ 1. PRE-LAB
 - ➡ Describe the objectives of this experiment (what you hope to conclude).
 - ➡ Any pre-lab questions must be considered and answered before the start of the lab period. Your instructor will initial those pages and they must be included in your lab report to receive full credit for them.
 - ➡ If there is a pre-lab quiz it will be graded and returned to you during that lab period. It should be attached to your report to ensure you receive full credit.
- ➡ 2. DATA
 - ➡ Empirical data, only what you observed and others could if they repeated your experiment. Observations both qualitative and quantitative (measurements).
- ➡ 3. ANALYSIS (CALCULATIONS)
 - ➡ Provide demonstrations (justification) of how your conclusions were developed from your observations. Most often accomplished with dimensional analysis or algebra (calculations). For some experiments other methods will be demonstrated and need to be applied.
 - ➡ It is only “known” if it can be justified ... otherwise it’s a guess.
- ➡ 4. CONCLUSIONS
 - ➡ Your final answers. What you came to know by doing this experiment. Be clear and brief, conclusions should not be more than one page and are often only a few sentences.
 - ➡ If other factors effected your final answer, briefly describe them on this page and suggest how they may have effected your experiment.
- ➡ 5. QUESTIONS
 - ➡ Attach and answer any post lab questions.

(download this page from your class website to print and attach to each report you submit)