

Exp # _____

Name: _____

Student ID: _____

CHEM 36A — ORGANIC CHEM (I)
UC BERKELEY EXTENSION


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: 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)
- ➔ SCHEME (only if the experiment includes preparing a compound)
 - ➔ Show the balanced chemical equation(s) with structures.
 - ➔ Number all reactants, reagents, and expected products.
- ➔ SUBSTANCES
 - ➔ Provide the name, molar and measured quantities of all numbered substances.
 - ➔ For all significant substances (including numbered substances in the scheme) provide physical properties (at least formula, bp and mp; also molar mass, density, color, smell, crystal shape or other as appropriate to the experiment).
 - ➔ Provide any common dangers of these substances.
 - ➔ Common solvents and acids can be omitted, if they were used in a previous experiment this semester.
- ➔ ANALYSIS
 - ➔ Summarize your results and provide your explanations as described in the “report” section of the experiment description.
- ➔ YIELD (only if the experiment includes preparing a compound)
 - ➔ Report experimental yield and any measured properties used to characterize the products.
 - ➔ Calculate and report percentage yield (show stoichiometric calculations)

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