

Organic Chemistry I Lab Report Instructions

Each student will be required to write a lab report for each experiment at the conclusion of the experiment. Normally the lab report will be turned in a week after the experiment is completed. Please organize the lab report in the following order:

~ Experiment Number

Experiment 1, 2, 3, etc.

~ Objectives of Experiment

eg preparation of cyclohexene, etc.

~ **There is no need to write the procedure** which is the next step; this given to you.

~ Theory

THIS IS THE HEART OF THE LAB REPORT!

You should indicate what is theoretically expected from the experiment, including the reaction, most important uses, and a very short history of the compound.

~ Result

You should indicate the result of the experiment and whether or not your result is in accordance with what is expected. If not, you should explain why not. You should also indicate the physical properties of the substance you prepared, calculate the % yield, and whenever possible compare your results with that of other students.

~ Conclusion

This should be a brief summary of what you have accomplished and what you have learned from the experiment, including the identification of the product.

The lab report should only be typed on the front of the page – **the back should be left blank**. Number each page and indicate the subtitles under each discussion.

You will normally have one week to turn in the typed lab report.

The grade of the first lab report will not count against you, but the total grade of the lab reports will count the same as a one hour exam.