

# Experiment 5: The Scents of Esters: An Esterification Experiment

## Instructions

- 1) Fill out this document completely and submit it on Canvas by the specified due date.
- 2) Any text that is blue you should replace with your answers. Please keep the text blue so it is easier for me to see what you have typed as I grade it.
- 3) As you type in this document, the spacing will change. Try to keep responses to a question on the same page as the question and use page breaks if you need to move a question and answer to a new page.
- 4) While you may collaborate with your partner (or other students) to answer the questions, you must type up your own responses using your own words. Copying another student's responses will result in a zero for the lab, and repeated offenses will be subject to the Academic Integrity policy set forth in the Student Code of Conduct!
- 5) You may delete this instructions section before you turn in the post-lab.

## Data and Observations

Bin	Alcohol	Carboxylic Acid	Observations
Bin 1	10 drops of octyl alcohol	30 drops acetic acid	Enter Observations Here best smell good, plastic smell / graph paper
Bin 2	10 drops of amyl alcohol	30 drops of acetic acid	Enter Observations Here smell good like banana smell
Bin 3	10 drops of isopropyl alcohol	30 drops of acetic acid	Enter Observations Here Turn bottom in the bottom of the test tube / faintly smell / nail polish smell.
Bin 4	10 drops of geraniol	30 drops of acetic acid	Enter Observations Here Smell good, lemon turn bottom faintly
Bin 5	0.5g of Salicylic acid	20 drops of methyl alcohol	Enter Observations Here white mixture, smell like bubble gum or marsh
Bin 6	0.5 benzoic acid	20 drops methyl alcohol	Enter Observations Here smell turn to solid in the flask mint or soapy smell

# Esterification Experiment Grade 12 Memorandum

**WJ Hussar**



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