

# Preparation of Esters Worksheet

## Data Table

For each microcentrifuge tube, write the ester created as well as the odor.

Microcentrifuge tube	Alcohol	Acid	Odor of Ester	Name of Ester
I				
E				
M				

## Discussion Questions

- Using the information in the *Background* section, determine the name of the ester produced in each microcentrifuge tube and enter the name in the data table.
  
- Compare the odors of the three esters produced to the odors of the starting materials. How are they different?
  
- Were the esters easily identified as a specific fragrance, e.g., apple or banana? In the case where a specific fragrance was detected, how does the odor compare to the natural fragrance?