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Name

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
Ι				
E				
М				

Discussion Questions

1. 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.

2. Compare the odors of the three esters produced to the odors of the starting materials. How are they different?

3. 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?

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