

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class/Hour: \_\_\_\_\_

## DISCUSSION

Compare the measurements of the probe with your mass measurements for ethanol. Which is more accurate?

What are the limitations of the simple distillation column used in this experiment? Why can ethanol only be purified to 95%?

What could the remaining distillation broth be used for? Hint: was there remaining glucose in the broth?

Is the distillation process a sustainable way to manufacture biofuels? How could it be improved? Hint: consider the energy of the heat source.

## **DISTILLATION OF ETHANOL**