

Laboratory Report

NAME _____

HOOD NO. _____

PARTNER(S) _____

DATE _____

I. RESULTS

Unknown Mixture

1. Milliliters of Unknown Mixture Distilled _____
2. More Volatile Component (lower boiling fraction)
 - a) Boiling Point Range _____
 - b) mL Collected _____
 - c) Percent Collected _____
3. Less Volatile Component (higher boiling fraction)
 - a) Boiling Point Range _____
 - b) mL Collected _____
 - c) Percent Collected _____

II. CONCLUSION

Briefly discuss: a) if and when boiling points can be used to determine the purity of organic compounds; b) if and when boiling points can be used to identify organic compounds; and c) when can fractional distillation be used to separate organic compounds.