

Name _____	Lab Partner _____
TA Name _____	Section _____ Date _____

Experiment 6 - Aldol Condensation

Record the following data.

1. Amount of benzaldehyde _____ mL, _____ g, _____ mol
2. Amount of acetone _____ mL, _____ g, _____ mol
3. Theoretical Yield of Product _____ mol, _____ g
4. Actual Yield of Crude Product _____
5. Percentage Yield of Crude Product _____
6. Melting Point of Crude Product (observed) _____
7. Actual Yield of Recrystallized Product _____
8. Percentage Yield of Recrystallized Product _____
9. Melting Point of Recrystallized Product (observed) _____
10. Reported Melting Point for Dibenzalacetone _____
11. Record your calculations. _____
12. Record the mechanism of the reaction.