

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 Product \_\_\_\_\_
5. Percentage Yield \_\_\_\_\_
6. Melting Point of Product \_\_\_\_\_ (observed), \_\_\_\_\_ (reported)
7. Record your calculations.

8. Record the mechanism of reaction.