**Synthesis of Acetaminophen**

50 Marks Total

**This is a modified formal lab report, review information in Appendix A of the CHEM 123L manual form information on writing this type of report.**

**1 mark:** information fields filled in

**Purpose: given, no marks**

**Observations:**

* **Values: *3 marks***
* **Descriptions: *4 marks***
* **Table: *2 marks***

**Results and Calculations:**

* **Equation: *2 marks***
* **Calculation for theoretical yield: *3 marks***
* **Calculation of percent yield: *2 marks***
* **What mass: *1 mark***
* **Theoretical comparison *2 marks***
* **Causes of deviation: *2 marks***

**Questions:**

* 1a) ***2 marks***
* 1b) ***2 marks***
* 2) ***2 marks***
* 3) 4 ***marks***
* 4) ***2 marks***

**Discussion: 6 *marks***

**Conclusions: *4 marks***

**References: *-1 if no references are included***

**Clarity and Understanding: *3 marks***

**Procedural Summary: *3 marks***