

## **Synthesis and Analysis of a Coordination Compound**

### **pre-lab part 1**

1. Is the synthesized coordination compound soluble in water?
  
2. Which type balance will be used?
  
3. What is the mass range of the  $\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$  to be weighed?
  
4. What is the second reactant?
  
5. How often should the product be checked and when will it be finished?
  
6. What type of funnel will be to filter the product?
  
7. What is the temperature of the water to be used for recrystallization?
  
8. Where and how is the beaker to be stored?