Observation Lab

Aluminum with Copper II Chloride Lab

In this lab you will be able to identify and record the following:

A. Qualitative vs Quantitative Properties

B. Physical vs Chemical Properties

Make sure that ALL your data is clearly presented and that it meets that Lab Report Guidelines for the class.

Procedures:

1. Using a 50 mL graduated cylinder, measure and record 50 mL of water.

2. Add the 50 mL of water to a 100 mL beaker. Record Mass of beaker with water and its temperature.

3. Cut a piece of aluminum foil using the ruler to obtain a piece 10 x10 cm square piece

4. Write 10 observation about the aluminum foil.

5. On a scale use a plastic boat to measure 5.0 grams of the copper compound.

6. Write 5 observations on the copper compound. ( DO not touch).

7. Add the copper compound to the water solution, stir the solution and check temperature.

8. Write 10 observations of the copper solution.

9. Add the aluminum foil to the copper solution and write 10 observations.

10. When done dump solution down the sink with plenty of water

Data Report

Please make sure that all your observations are in table form, that they are typed or in blue/black ink.

Each section should be labeled and each observation should be identified as Qualitative or Quantitative and Physical or Chemical Property.