

THIS IS A SAMPLE CONCLUSION.

Copper and brimstone Sample conclusion

The objective of the Copper and brimstone lab was to determine if there was in fact a reaction between copper and sulfur. The result of this lab was both yes and no. Meaning that yes a reaction did take place but only after sufficient amount of energy is applied. Simply mixing them together did not appear to create a chemical reaction.

Objective and result stated clearly with little analysis

When trying to assess whether a chemical reaction occurred there are several key indicators can be observed. The indicators are gas evolution, color change, energy change, and precipitation. In a chemical reaction a new substance is being formed and therefore if that new substance has different properties we will be able to witness these new properties. In my particular lab I witnessed a color change, gas evolution, and precipitation. The color changed from yellow to black. This might also be characterized as a precipitation. Precipitation is when a new solid is being formed. I also witnessed a new gas being formed. This was easy to spot because of the pressure and yellow gas produced inside of the tube. Were these gases part of my new substance being formed or merely a byproduct of heating the test tube? To answer that question would require further testing.

Integrate classroom notes

A careful analysis of this lab could lead to a few minor improvements. What happens when you just heat Sulfur? What happens when you just heat copper? Would some of these changes occur regardless of the copper and sulfur being mixed.

Give laboratory examples

Little thought here!

Notice how everything flows and there is no useless information. Everything is integrated to justify the objective!