

Single Replacement Reaction Stoichiometry

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Purpose:

To learn how to balance chemical reactions as well as determining the limiting reactant and theoretical yield. Also, be able to analyze the product of chemical reactions.

Procedure:

During this experiment, an amount of aluminum foil will be mixed with CuSO_4 or copper sulfate to see how the two chemicals react. The reaction will be observed in the production of copper metal.

Data

Activity 1

Data Table 1

Write the balanced Chemical Equation:



	<i>Answer (include the units)</i>	<i>Observations</i>	<i>Calculations</i>
Volume of 1 M CuSO_4	<i>100.0 mL</i>	<i>measured on meniscus line</i>	<i>measured with a graduated cylinder</i>

Solution Stoichiometry Lab Report

Christian G. Meyer



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