

Report for Experiment 26

Examples of Chemical Reactions

Prelaboratory Questions

1. Write and balance equations for the following reactions. Include the state for each substance in the equation.
 - a. Solid magnesium reacts with aqueous hydrochloric acid to produce aqueous magnesium chloride and hydrogen gas.
 - b. Aqueous sodium chloride reacts with aqueous silver nitrate to produce solid silver chloride and aqueous sodium nitrate.
 - c. Solid magnesium burns in the air to form solid magnesium oxide.

Data/Observations

	Observations
Part 1	
Part 2	
Part 3	
Part 4	

Analysis and Conclusion

1. For each of the reactions, which observations indicate that a chemical reaction was taking place?

	Observations
Part 1	
Part 2	
Part 3	
Part 4	

2. What are some clues that accompany chemical changes?