

Data Tables

Observing Evidence of a Chemical Reaction

Data Table A. Reactions of Hydrochloric Acid

Initial appearance of HCl Solution? _____

Reaction	Reagents	Observations
1	Hydrochloric acid + Silver nitrate solution	
2	Hydrochloric acid + Sodium hydroxide solution	
3	Hydrochloric acid + Sodium bicarbonate	

Data Table B. Reactions of Copper(II) Chloride

 Initial appearance of CuCl₂ solution? _____

Reaction	Reagents	Observations
4	Copper(II) chloride solution + Aluminum foil	
5	Copper(II) chloride solution + Ammonia water solution	
6	Copper(II) chloride solution + Sodium carbonate solution	

Results Table

Summarize the observations of chemical change in the reactions of HCl and CuCl₂, respectively. All reactions should be listed; some reactions may appear more than once.

Signs of Change	Reactions of HCl	Reactions of CuCl ₂
Precipitate formation		
Gas bubbles		
Color change		
Temperature change		
No observable change		