

Electrolysis Reactions

Data Table

Electrolyte (Salt Solution)	Observations	
	Anode	Cathode
Silver Nitrate		
Zinc Nitrate		
Copper(II) Sulfate		

Post-Lab Questions

- Review your observations for the electrolysis of the silver nitrate solution.
 - What product was formed at the anode in the electrolysis of silver nitrate solution? Explain, citing specific evidence from your observations.
 - What product was formed at the cathode in the electrolysis of silver nitrate solution? Explain based on your observations.
- Using Question #1 as a guide:* Identify the products that were formed at the anode and the cathode in the electrolysis of zinc nitrate solution, giving the specific evidence for their formation.
- Using Question #1 as a guide:* Identify the products that were formed at the anode and the cathode in the electrolysis of copper(II) sulfate solution, giving the specific evidence for their formation.