

Data and Observations

Electrolysis of Water

Data Table

	Observations
Distilled Water	
Distilled Water with a Catalyst	

Post-Lab Questions

1. What is the volume ratio of the gases (hydrogen and oxygen) collected?
2. Testing of the Smaller Quantity of Gas: Describe your observations. What gas is it? What color is this gas?
3. Testing of the Larger Quantity of Gas: Describe your observations. What gas is it? What color is this gas?
4. Collecting and Testing of a Mixture of Hydrogen and Oxygen Gases: Describe your observations.
5. With the use of electricity, what was learned about the composition of water?