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Thionin—The Two-Faced Solution Demonstration Worksheet

Discussion Questions

1. Describe what happened in this demonstration. Include the apparatus and chemicals used.

2. Thionin can exist in two forms, a purple oxidized form and a colorless reduced form. What chemical served as the reducing agent in this demonstration?

3. Based on what you observed, what else needs to be present for the thionin to be reduced?

4. Is this reaction reversible? What evidence do you have of this?

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