

Question #62182, Chemistry / General Chemistry

Question:

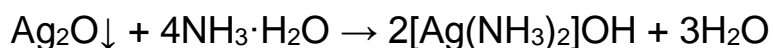
Outline a laboratory method to prove whether or not an old silver dollar is really made out of silver.

Answer:

Put a drop of reagent of potassium hydroxide on the surface of the coin of old silver dollar. As a result silver oxide is formed on the drop place:



To remove the black coating from the coin put the water solution of ammonia. The Tollens solution is formed:



or put the nitric acid to dissolve the silver oxide:

