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"Golden" Silver Nanoparticles Worksheet

Observations

1. Describe the properties of the colloidal silver from step 6.

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2	What happens to the beam of light as it passes through the solution in step 7?
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3. Describe any changes that occurred when water and sodium chloride were added to the silver solution in the test tubes, respectively.

Post-Lab Questions

1. Compare and contrast the properties of a true solution versus a colloid: particle size, settling behavior, filtration, and light scattering.

2. How is using a silver colloid as an antimicrobial agent more beneficial than using a chemical solution such as chlorine?