

Answer Key

Precipitation Lab

Purpose:

1. Identify the ions present in various aqueous solutions.
2. Combine solutions and identify the reactions that form precipitates.
3. Write balanced molecular equation, complete ionic equation, and a net ionic equation for each precipitation reaction.



Materials:

- Small test tubes
- Various solutions

Procedure:

1. Add 10-15 drops of the each reactant to a test tube.
2. Observe the results when the two solutions are combined in the test tube.
3. Record your observations for when the two solutions are mixed together and draw and label the contents of the test tube.
4. If no precipitate (ppt) is detected, write NR or no reaction.
5. Clean your test tubes when finished

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