

1. You wish to make the following AgBr as your precipitate. Give the complete chemical formulae of the reacting species (soluble salts) you need to form the precipitate.

2. You wish to make the following Cr_2S_3 as your precipitate. Give the complete chemical formulae of the reacting species (soluble salts) you need to form the precipitate.

3. You wish to make the following SrSO_4 as your precipitate. Give the complete chemical formulae of the reacting species (soluble salts) you need to form the precipitate.

4. Write the total ionic equation, net ionic equation and identify the precipitate.

a) Calcium nitrate and sodium phosphate are mixed

Total Ionic Equation:

Net Ionic Equation:

PPT:

b) Silver nitrate and sodium carbonate

Total Ionic Equation:

Net Ionic Equation:

PPT:

c) Lead (II) nitrate and iron (III) chloride are mixed

Total Ionic Equation:

Net Ionic Equation:

PPT: