

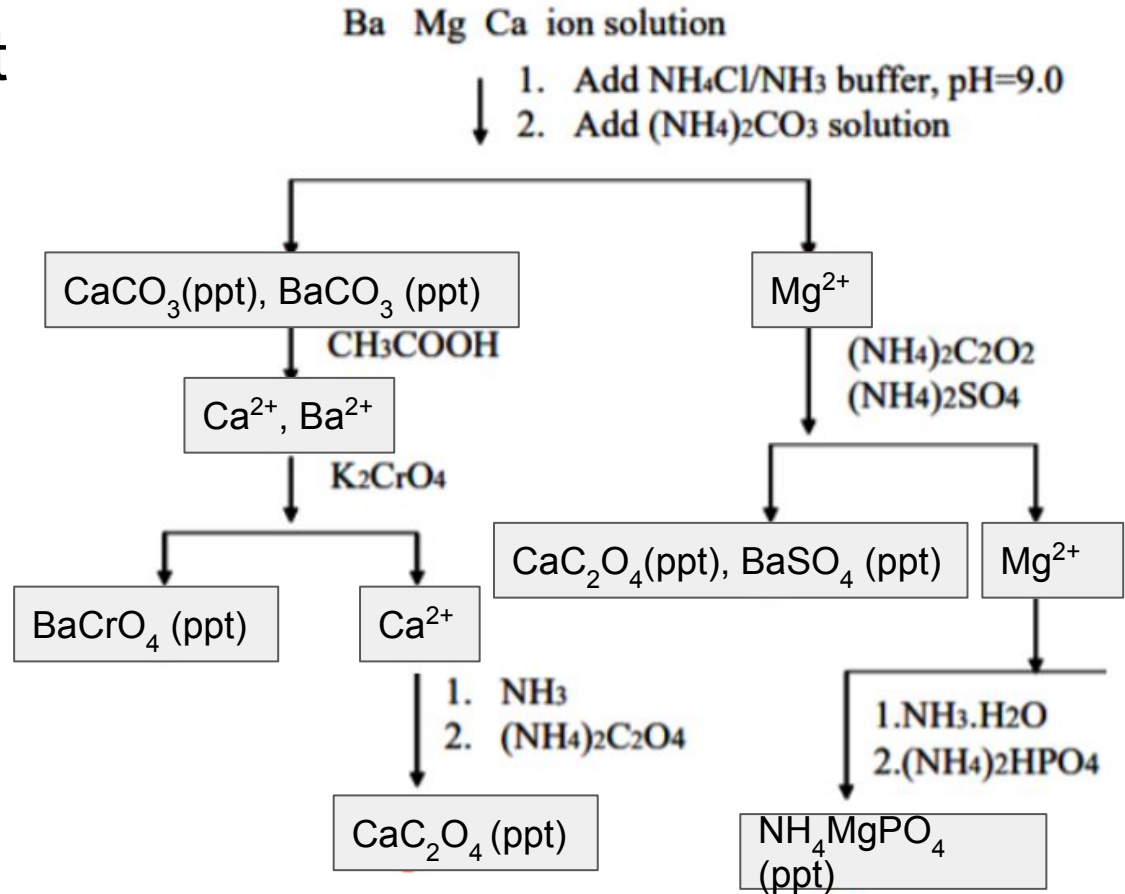
CH-412-LA Experiment 7

Separation of Metal Ions

Brynn Froehlich, Leigha Tierney, Max Shi, Joana Fardad

I pledge my honor that I have abided by the Stevens Honor System.

Reaction Flowchart



Post Lab Questions

1. What is the flame test for each Ba^{2+} , Ca^{2+} , Mg^{2+} ions?

The flame test is used to determine the presence of a metal ion by the color a flame turns when exposed to a metal. Ba^{2+} will have a green flame, Ca^{2+} will have an orange flame, and Mg^{2+} will have a white flame.

2. Draw a flow chart to show separation of Ag, Cu, Zn, and Sr metalions.
(flow chart on the next slide)

