CATION III SUMMARY:

A. The Summary Intro:

B Body of the Summary:

1. <u>Example sentence for Subgroup separations</u>: For the separation of the Al subgroup which contained: Al^{3+} , Xs OH⁻ and H₂O₂, an oxidizing agent was added Fe(III),..., ... and.... Precipitated out as: Fe(OH)₃, MnO_{2...}.

Al3+ andformed the following complex ions....and Cr(II) was oxidized by H_2O_2 to form $CrO_4^{2^-}$,...., and...... remained in the supernatant.

2. Example sentence for Confirmation tests:

Confirmation of Mn

.....was added....A violet or purple supernantant confirms the presence of Mn as MnO_4^-

When BiO_3 was added the supernatant of the unknown was violet; therefore, my unknown contained Mn (II) Or ...

When BiO_3 was added the supernatant of the unknown was colorless; therefore, my unknown did not contained Mn (II)

C. Therefore, the Cations present in Unknown:

and the Cations Absent in Unknown:

D. Closing Statement

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