A Practice Problem - Group II

- A Group II unknown was a blue solution. It gave a dark precipitate with thioacetamide after the usual pretreatment.

- Treated with KOH solution, a dark precipitate, A, and a solution, B, were obtained.

- A dissolved in 3 M HNO₃.

- The resulting light blue solution, C, was unaffected by H₂SO₄ and heating.

- Addition of NH₃ to C produced a deep blue solution and gelatinous precipitate.

- What ions are present?