Worksheet: Coordination Compounds

IGCSE · Class 12 · Chemistry · 5 questions · 11 marks

Name: _____ Date: _____ Score: _____ / 11

Q1. What isomerism is shown by [Co(NH3)5(ONO)]2+ and [Co(NH3)5(NO2)]2+? *[2 marks]*

Q2. What is the coordination number of Co in [Co(NH3)4Cl2]+? *[2 marks]*

Q3. Name one medicinal application of a coordination compound. *[2 marks]*

Q4. Write the IUPAC name of K3[Fe(C2O4)3]. *[2 marks]*

Q5. [Fe(H2O)6]3+ has 5 unpaired electrons while [Fe(CN)6]3- has 1. Explain. *[3 marks]*