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# Synthesis and Characterization of Macrocyclic Complexes of Mn(II), Co(II) and Cu(II)

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**Abstract:**The 12- membered N<sub>6</sub>macrocyclic complexes with Mn(II),Co(II) and Cu(II) have been synthesizedBy Schiff base process. The ligand and the metal complexes were characterized by elemental analysis,conductance,magnetic susceptibility measurements and the spectral studies. Thus, the macrocyclic ligand coordinates through imine and secondary amine nitrogens of the macrocyclicring. The spectral data suggest that the complexes of metal chlorides have octahedral and that of metal sulphates have tetrahedral geometry.

**Keywords :** Synthesis, Characterization, L-phenylalanine,MacrocyclicComplexes.

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