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Synthesis, Characterization of Cu^{++}, Ni^{++} Metal Ion Chelates with Newly Synthesized Benzothiazolyl Hydrazone Derivatives

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Abstract: *The transition Metal ion chelates of Cu^{+2} and Ni^{+2} is synthesized by using 2-(2′-hydroxy-3′-methyl phenyl)-4-bromo-6-ethoxy benzothiazolyl hydrazones and characterized by different analytical procedure and spectral study. These metal ion chelates are insoluble in common organic solvents. Infrared spectrum showed the bonding through azomethizine N and ring N.*

Keywords: Benzothiazolyl Hydrazones, Metal Ion Chelates.

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