



ChemTech

International Journal of ChemTech Research

CODEN (USA): IJCRGG, ISSN: 0974-4290, ISSN(Online):2455-9555
Vol.11 No.02, pp 12-17, 2018

Synthesis, Characterization and Biological Activities of Copper chloride (II) Complex Derived From 4 – Amino Antipyrine, Furfural and DL Cysteine

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Abstract : Schiff base which than form chelate complex with metal ions. These types of Schiff bases are important for their significant biological activity. The 4 – Amino antipyrine, Furfural and dl cysteine are a group of highly reactive compounds that form potentially active. They also show interesting structural properties on complexation with metal ions. It was characterized by using ^1H NMR, FT-IR spectroscopy and the antibacterial activity of the compound was evaluated against Staphylococcus aureus (S. aureus) and Escherichia coli (E. coli) bacteria.

Keywords : Characterization , Biological activities, Complexation, Antimicrobial activity.

International Journal of ChemTech Research, 2018,11(02): 12-17.

DOI= <http://dx.doi.org/10.20902/IJCTR.2018.110202>
