

ANTIMICROBIAL POTENCY OF THE AQUEOUS EXTRACT OF LEAVES OF *TERMINALIA CATAPPA*

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ABSTRACT

Antimicrobial efficacy of the aqueous extract of leaves of Terminalia cattappa was investigated against Staphylococcus aureus (gram positive), E.coli, (gram negative), Klebsiella pneumonia (gram negative) and Candida albicans using the Disc diffusion assay. Antimicrobial potency of the plant aqueous extract against the pathogenic microorganism followed the sequence: Klebsiella pneumonia > Staphylococcus aureus > Escheria. coli > Candida. albicans. Antimicrobial potency was also found to be less than standard antibiotics, Ampicillin, Nystatin, Penicillin under standard conditions.

Keywords: Antimicrobial efficacy, Terminalia catappa, Disc diffusion, Staphylococcus aureus, E.coli, Klebsiella pneumonia, Candida albicans