

**Comparitive study of antimicrobial activity of acetone, ethyl acetate, methanol and aqueous extracts of *Calotropis gigantea* L.**

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**ABSTRACT**

The present work is focused to compare the antimicrobial activity of *Calotropis gigantea* Different extracts using acetone, ethyl acetate, methanol and aqueous solvents are prepared from the plant part leaf. Disc diffusion method is used to find the antibacterial and antifungal activity. The acetone, ethyl acetate, methanol and aqueous extracts showed excellent activity against all the selected organisms and showed significant antibacterial properties. The methanol, acetone, ethyl acetate and aqueous extracts exhibited less activity against fungal organisms. Thus *Calotropis gigantea* L. may be exploited in the treatment of microbial diseases.