

## **ANTIMICROBIAL ACTIVITY OF GREEN AND RED MACROALGAL EXTRACTS FROM PULICATE LAKE**

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### **ABSTRACT:**

*Marine algae offer an alternative to chemical-based antibiotics due to their strong antibacterial activity and capacity to synthesise beneficial secondary metabolites. The green, brown, and red macroalgae have antibacterial activity because they contain a variety of phytochemicals and sulfated polysaccharides. We examined the antibacterial activity of extracts from *Enteromorpha intestinalis*, *Ulva reticulata* (green algae), *Hypnea*, and *Gracilaria* (red algae) against a few common human diseases in the current work.*

**KEYWORDS:** *Macroalgae, Seaweeds, Liquid Fertilizer, Enteromorpha intestinalis, Ulva reticulata, and Hypnea and Gracilaria.*