

ANTI-MICROBIAL ACTIVITY OF  
AQUEOUS EXTRACTS FROM SELECTED PHILIPPINE  
SOFT CORAL SPECIES

by

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## ABSTRACT

Five species of soft corals were collected from Taklong Islands Guimaras and then extracted with water. The aqueous extract was assayed for anti-microbial activity. Potent extracts were tested for its minimal inhibitory concentration against the most sensitive microorganisms. The equivalent potency was also determined using PEN VK as the standard antibiotic. *Lobophyton* was found to inhibit *S. aureus* at 50% concentration of the aqueous extract (ATCC 25923) while *Sinularia sp.* was found to inhibit the growth of both *S. aureus* (ATCC 25923) and *B. subtilis* (NSRI-1). Aqueous extracts of *Lobophyton sp.* has an equipotency of 6.64 units/ml of PEN VK against *S. aureus* whereas aqueous extracts of *Sinularia sp.* has a potency of 104 units/ml of PEN VK against *B. subtilis*.