



ABSTRACT

Ramalina nervulosa collected from the mountain of Makiling in Los Banos, Laguna were extracted using acetone and the Kirby-Bauer method was utilized for the antimicrobial screening. It was found out that the mean zone of inhibition produced by the *R. nervulosa* extract against the gram positive test organisms *B. subtilis* was 32 mm and *S. aureus* was 29.66 mm. For the gram-negative test organisms, the zone of inhibition against *E. coli* was 11.66 mm and 10.33 mm against *S. Typhi*. Lastly, 21.5 mm zone of inhibition was produced against *C. albicans*.

Based on the results, the extract of *R. nervulosa* exhibited a larger zone of inhibition against the gram-positive test organisms as compared to those produced by streptomycin. *Ramalina nervulosa* was therefore found to exhibit antimicrobial activity against selective bacteria and fungi.