ANTIBACTERIAL TEST OF RUMBIA ROOT (*Metroxylon sagu* Rottb.)
DECOCTION AGAINST BACTERIA *Salmonella pullorum*

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**ABSTRACT**

The rumbia root (*Metroxylon sagu* Rottb.) was known to have several active substances such as flavanoids, alkaloids, saponins and tanins, which are potential as antimicrobial agents. The aim of this research is to prove the effectiveness of rumbia roots decoction as an antimicrobial against *Salmonella pullorum* in vitro. Dilution method with four concentrations and two controls was used in this research to determine Minimum Inhibitory Concentration (MIC) and continued by streaking on *Salmonella Shigella Agar* (SSA) to determine Minimum Bacteriocide Concentration (MBC). The treatment used were: 100%, 75%, 50%, 25%, control negative and control positive which used antibiotic Ampicilin, each treatment repeated with 4 repetitions respectively. The obtained data showed that the rumbia roots decoction has an antimicrobial effect to *Salmonella pullorum* with the Minimum Bacteriocide Concentration (MBC) is 50%.

Key words: rumbia, antibacteria, *Salmonella pullorum*