

FRAKSINASI EKSTRAK METANOL KULIT BATANG *Rhizophora mucronata* DAN UJI DAYA HAMBATNYA TERHADAP BAKTERI *Escherichia coli*

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Abstract	<p><i>Rhizophora mucronata</i> is commonly found mangrove plant due to its wide distribution. The bark of this plant used for traditional medicine as slimming, antidiarrhea, anticonstipation. The chemical compounds of <i>R. mucronata</i> are tannins, alkaloids, flavanoids and saponin. In order to find out the effect of chemical activity of this plant, a research entitled Fractionation Methanol Extracts Bark of <i>R. Mucronata</i> and Inhibiting Capacity Assay against <i>Escherichia coli</i> Bacteria has been carried out. The bark of <i>R. mucronata</i> was extracted by Soxhlet with methanol solvent. Then methanol extract was fractionated with developing solvent chloroform : methanol (1:9) and producing five fractions that gave positive result on test for alkaloid compounds. The result of infrared spectroscopy that fraction 1-5 also contains of alkaloid. All fractions from column chromatography tested on <i>E. coli</i> with dilution method which gave result that these fractions inhibit the growth of <i>E. coli</i>.</p>
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