

ABSTRACT
(LITERATURE REVIEW)

PHYTOCHEMICAL SCREENING OF MANGROVE (*Rhizophora mucronata*) LEAVES EXTRACTED USING VARIOUS SOLVENTS

Yuliasih

Mangrove are plants that are commonly found in Indonesia. One type of mangrove that can be found is *Rhizophora mucronata*. This type of mangrove has health benefits, especially for pharmaceuticals, from the leaves, bark to the fruit. *Rhizophora mucronata* leaves are known to contain secondary metabolites such as alkaloids, phenols, flavonoids, tannins, saponins, terpenoids and steroids depending on the extraction method and solvent used. In the results of this literature review, it was found that the use of different solvents in the leaf extract of *Rhizophora mucronata* will produce different secondary metabolite content when carried out with the same method, namely maceration. The solvents compared were methanol, ethyl acetate, and ethanol.

Keywords: *Rhizophora mucronate leaves*; phytochemical screening; maceration