

ABSTRACT

PHYTOCHEMICAL SCREENING ON METHANOL EXTRACT OF ANDE-ANDE LUMUT LEAF (*Selaginella doederleinii*)

Pangeran Genta S.V

Ande-ande moss plants have been widely utilized by the community to be used as traditional medicine to reduce heat, increase blood flow, antitoxic, antineoplasma, stop bleeding (hemostatis), and eliminate swelling. However, the content of secondary metabolite compounds in this fern has not been widely identified, so it is necessary to conduct phytochemical screening research to identify the content of secondary metabolite compounds contained in ande-ande moss leaves. Secondary metabolite compounds observed by phytochemical screening test are alkaloids, flavonoids, tannins, saponins, terpenoids and steroids. This study used maceration method with methanol solvent. The extraction results produced as much as 8.47 g and a percentage yield value of 8.47%. The thick methanol extract of ande-ande moss leaves was then subjected to phytochemical screening. The results showed that the methanol extract of ande-ande moss (*Selaginella doederleinii*) leaves contained tannins, flavonoids, saponins, steroids, alkaloids, and negatively contained terpenoid compounds. Therefore, further research is needed on phytochemical screening of methanol extracts of ande-ande moss (*Selaginella doederleinii*) leaves using the KLT test, with other extraction methods and solvents.

Keywords : Phytochemical Screening, Ande-ande moss, Methanol, Maceration