

## ABSTRACT

### PHYTOCHEMICAL SCREENING ON 96% ETHANOL EXTRACT OF MINT LEAF (*Mentha arvensis*)

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*Mentha* belongs to the *Lamiaceae* family which is an aromatic herbal plant and can be used for medication. Mint leaves (*Mentha arvensis*) in Indonesia are widely used to relieve headaches, expectorant, carminative, and antispasmodic. The purpose of this study was to determine the class of secondary metabolites contained in mint leaves (*Mentha arvensis*) using maceration method for 3x24 hours with 96% ethanol solvent. The extraction results produced a brownish green viscous extract with a total weight of 5.75 g and a percentage yield value of 5.75%. Furthermore, the results of the phytochemical screening test showed that 96% ethanol extract of mint leaves (*Mentha arvensis*) contained alkaloids, tannins, saponins, steroids and negatively contained flavonoids and terpenoids. Therefore, further research is needed on the phytochemical screening of 96% ethanol extract of mint leaves (*Mentha arvensis*) using the TLC test or with other extraction methods and solvents.

**Keywords :** *Phytochemical Screening, Mentha arvensis, Ethanol 96%*