

## **ABSTRACT**

### **PHYTOCHEMICAL SCREENING OF DANDANG GENDHIS LEAF ETHANOL 70% EXTRACT (*Clinacanthus nutans*)**

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Dandang gendhis (*Clinacanthus nutans*) belongs to the *Acanthaceae* family which can be used as traditional medicine. This plant can be used as antioxidants, anticancer, anti-inflammatory, analgesic, enhancing the immune system, antibacterial, antivenom, even there are also uses in the cosmetics field, so phytochemical screening is carried out to identify secondary metabolite compounds contained in the 70% ethanol extract of dandang gendhis leaves. The stages of this research started from the powder of dandang gendhis leaves extracted using the maceration method for 3x24 hours using ethanol 70% as the solvent, calculation of the yield percentage value and phytochemical screening. The calculated yield value for 70% ethanol extract of dandang gendhis leaves was 19.12% which was categorized as good, and the results of the phytochemical screening test, the 70% ethanol extract of dandang gendhis leaves was positive for containing flavonoids, terpenoids, steroids and saponins.

**Keywords** : *Clinacanthus nutans* leaf, phytochemical screening, secondary metabolites