

## ABSTRAK

### ANTIBACTERIAL ACTIVITY TEST OF ETHANOL EXTRACT OF GENISENG JAWA LEAVES (*Talinum paniculatum* G.) AGAINST *Bacillus cereus* BACTERIA WITH PERCOLATION METHOD

#### CITRA

*Javanese ginseng plant (*Talinum paniculatum* G.) is a plant that is found in several regions in Indonesia, one part of this plant that can be used is the leaves which contain several compounds including saponins, alkaloids, flavonoids, and tannins that contain antibacterial compound. The purpose of this study is to determine the potential antibacterial inhibitory activity of Javanese ginseng leaf extract (*Talinum paniculatum* G.) in inhibiting the growth of *Bacillus cereus* bacteria. In this study, 4 treatments were used with different concentrations of Javanese ginseng leaf extract (*Talinum paniculatum* G.). The extraction method used is the percolation method, while the antibacterial inhibition test method uses disc paper diffusion. Based on the research that has been carried out, the results of the antibacterial inhibition activity test of Javanese ginseng leaf extract at consecutive concentrations of 25%, 50%, 75%, 100%, with 5 replications of 0 mm, 0.42 mm, 5.66 mm, 5.7 mm. The conclusion of the study is that the average value of the inhibition zone of Javanese ginseng leaf extract (*Talinum paniculatum* G.) against *Bacillus cereus* bacteria is the largest concentration of 100% of 5.7 mm, which can be categorized as moderate.*

**Keywords :** *Antibacterial activity, *Bacillus cereus*, percolation method, *Talinum paniculatum* G.*