

## **ABSTRACT**

### **TOXICITY TEST OF 96% ETHANOL EXTRACT OF VIOLCES (*Viola odorata*) LEAVES USING THE BRINE SHRIMP LETHALITY TEST (BSLT) METHOD**

**Risa Mustofa**

*Violces (Viola odorata) is a medicinal plant from the Violaceae family. Violces contains phytochemical compounds such as alkaloids, flavonoids, tannins, saponins. However, there has been no research on the toxicity of Violces to ensure its safety. This study aims to determine the toxicity of 96% ethanol extract of violces (Viola odorata) leaves against shrimp (Artemia salina) larvae. This toxicity stage uses the Brine Shrimp Lethality Test (BSLT) method and Artemia salina shrimp larvae aged 48 hours. Test concentrations were 1, 2, 3, 4, 5 ppm (0 control). The results of the toxicity test showed that the 96% ethanol extract of violces leaves had an Lc50 value of 178.85 ppm (Medium Toxicity)*

**Keyword :** *Artemia salina, BSLT, Viola odorata, Toxicity*