

## ABSTRACT

### TOXICITY TESTING OF 96% ETHANOL EXTRACT OF ANDE - ANDE LUMUT (*Selaginella doederleinii*) LEAVES USING THE BRINE SHRIMP LETHALITY TEST (BSLT) METHOD

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*This research aims to determine the toxicity of Ande-ande lumut (*Selaginella doederleinii*) leaf extract with 96% ethanol solvent. This research consisted of an extraction process using maceration for 72 hours, toxicity test were carried out as an anticancer agent. This toxicity test uses the BSLT (Brine Shrimp Lethality Test) method where the percentage of death of shirmp larvae is analyzed using the probit method to determine the LC<sub>50</sub> value. The result of this study indicate that the 96% ethanol extract of Ande-ande lumut leaves is toxic to shirmp larvae as indicated by an LC<sub>50</sub> value of 12,0221 ppm.*

**Keyword :** *Selaginella doederleinii*, *Artemia salina*, Toxicity, LC<sub>50</sub>.