

## ABSTRAK

Penelitian ini bertujuan untuk mengetahui besarnya kadar toksisitas ( $LC_{50-24}$  jam) ekstrak kulit jengkol (*Pithecellobium jiringa*) terhadap larva udang *Artemia salina* Leach. penelitian menggunakan metode eksperimental yang terdiri dari 3 tahap yaitu observasi, eksploratory, dan full scale test. Konsentrasi yang digunakan yaitu 0%, 5%, 10%, dan 15% untuk tahap observasi. Konsentrasi eksploratory yaitu 0%, 1%, 3%, 5%, 7%, dan 9%. Konsentrasi full scale test yaitu 0%, 4%, 4,5%, 5%, 5,5%, dan 6%. Hasil uji toksisitas ( $LC_{50-24}$  jam) ekstrak kulit jengkol (*Pithecellobium jiringa*) menunjukkan hubungan yang signifikan terhadap larva udang *Artemia salina* Leach.

**Kata kunci :** *Toksisitas, Ekstrak, Pithecellobium jiringa, Artemia salina, Konsentrasi*



## ABSTRACT

This study aims to determine the amount of toxicity levels ( $LC_{50-24}$  jam) peel extract Jengkol (*Pithecellobium jiringa*) against larvae of the *Artemia salina*. The study used an experimental method consists of three stages : *Observasi, Eksploratory, Full scale test*. The concentrations used in the observation of 0%, 5%, 10%, and 15%. Eksploratory concentrations of 0%, 1%, 3%, 5%, 7%, and 9%. Full scale test concentration of 0%, 4%, 4,5%, 5%, 5,5%, and 6%. The result of toxicity test ( $LC_{50-24}$  jam) peel extract of Jengkol (*Pithecellobium jiringa*) showed to the larvae of the *Artemia salina*.

**Key words** : *Toksisty, Ekstract, Pithecellobium jiringa, Artemia salina, Concentration.*

