

MINYAK ATSIRI DARI *Toona sinensis* DAN UJI AKTIVITAS INSEKTISIDA

Adlis Santoni¹, Hazli Nurdin¹, Yunazar Manjang¹, Sjamsul A. Achmad²

¹*Jurusan Kimia FMIPA Universitas Andalas, Kampus Limau Manis, Padang*

²*Program Studi Kimia Institut Teknologi Bandung*

email: adlis_1962@yahoo.com

ABSTRACT

Volatile components from leaf of *Toona sinensis* (Meliaceae) were isolated by distillation water-vapour method and analyzed using GC/MS. Forty-eight component were identified, and eight major components are Germacrene-D, Germacrene-B, α -Terpinene, α -Humulene, β -Caryophyllene, α -Elemene, Bicyclgermacrene and α -copaene. Insect activity of the essential oil against *Crosidolomia pavonana* were tested. The activity of the essential oil with concentration 25% (mortality 73.3%), concentration 50% (mortality 83.3%) and concentration 75% (mortality 90%).

Keywords : *Toona sinensis* (Meliaceae), essential oil, *Crosidolomia pavonana*, and mortality.

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