

**COMPARISON OF ANTIBACTERIAL ACTIVITY OF
Moringa oleifera AGAINST GRAM NEGATIVE BACTERIA**

AIN LILI SOFIA BINTI NSARI

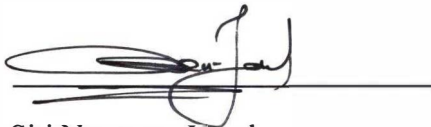
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This Final Year Project Report entitled “**Comparison of Antibacterial Activity of Moringa oleifera Against Gram Negative Bacteria**” was submitted by Ain Lili Sofia Binti Nsari, in partial fulfillment of the requirements for the Degree of Bachelor of Science (Hons.) Biology, in the Faculty of Applied Sciences, and was approved by



Dr. Nor' Aishah Abu Shah
Supervisor
Faculty of Applied Science
Universiti Teknologi MARA
72000 Kuala Pilah
Negeri Sembilan



Siti Norazura Jamal
Project Coordinator FSG661
B. Sc. (Hons.) Biology
Faculty of Applied Science
Universiti Teknologi MARA
72000 Kuala Pilah,
Negeri Sembilan



Dr. Aslizah Binti Mohd Aris
Head School of Biology
Faculty of Applied Science
University Teknologi MARA
72000 Kuala Pilah,
Negeri Sembilan

Date: _____

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ABSTRACT

COMPARISON OF ANTIBACTERIAL ACTIVITY OF *Moringa oleifera* AGAINST GRAM NEGATIVE BACTERIA

Moringa is said to contain antimicrobial properties but only few studies of the antibacterial activities on the pod of this plant. The study is aim to evaluate the antibacterial activity of *Moringa oleifera* by its pod and to compare the effect of different solvents use for extraction of *Moringa oleifera* pod through the antibacterial test. To study the antimicrobial properties of this plant by its pod, the antibacterial test through Kurby-bauer or disc diffusion method was carried out with different concentration of the plant extract. The result of the study shows that methanol have a very good result of diameter of the inhibition zone. As a result, the pod of *Moringa oleifera* does exhibit antimicrobial activity at some concentration. The best solvent used for the extraction of *Moringa oleifera* is methanol.