



VIT-TBI

Vellore Institute of Technology

Deemed University

Technology Business Incubator

(Sponsored by : Department of Science & Technology, New Delhi.)

VELLORE - 632 014, TAMIL NADU, INDIA.

10.01.06

Test Report

Name of sample : Neem Oil - 1
Sample submitted by : Dr. Ilangoan Ramasamy
Supplier Name : M/s AGIINFOTECH
205, D.B. Road, R.S. Puram
Coimbatore - 641 002

S.No	Parameter	Analysis Method	Result
1.	Azadirachtin A	HPLC	1559 ppm
2.	Azadirachtin B		1819 ppm

Calculation:

Formula = $\frac{\text{Area of Sample} \times \text{Conc. Of stand.} \times \text{Purity of stand.}}{\text{Area of Stand.} \times \text{Conc. Of Sample}}$

1. Azadirachtin A = $(2231940 \times 300 \times 96) / (14213289 \times 29000)$

= **0.1559%**

2. Azadirachtin B = $(3034158 \times 200 \times 96) / (11040953 \times 29000)$

= **0.1819%**

Analyst

M. Sureka
(M. Sureka)
Graduate Trainee

Annamma
(Annamma Daniel)
Analytical Chemist