



# 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