



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.

09.01.2009

Sample : Neem Oil

1	Azadiractin	2053ppm
2	Nimbin	1523ppm
3	Salanin	2560ppm
4	Color	34 Units
5	Specific gravity at 27 Deg C	0.921 min
6	Refractive Index at 47 Deg C	1.45 min
7	Saponification value	203.9
8	Moisture and insolvable impurities	0.17w/w
9	Iodine value	71 Units
10	a. Acid Value b. Free Acid Value c. Peroxide Value d. Titre Value	3.8 1.9 1.2 11 C
11	Aflatoxin B1	2ppm
12	Total aflatoxin (B1,B2,G1,G2)	4ppm

Analyst

M. Sureka
(M. Sureka)
Graduate Trainee

Annamma Daniel
(Annamma Daniel)
Analytical Chemist

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Test Report

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Sample : Neem Cake

1	Nitrogen(N)	3.5%
2	Phosphorus(P)	0.51%
3	Potassium(K)	0.53%
4	Oil	12.2%
5	Aflatoxin	5ppm
6	Sand & Silica	0.3%
7	Toxin	Nil

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