

CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
NEEM OIL EXPRESSED ORGANIC	11317	10/2027	

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	Yellow brown to brown solid	Comparable to standard
Odour:	Strong aromatic odour	Satisfactory
Acid Value:	< 20	8.00
Saponification Value:	170 - 210	189.2
Refractive Index @ 20°C:	1.457 - 1.485	1.471
Specific Gravity @ 20°C:	0.9050 - 0.9650	0.921
Peroxide Value Meq O₂/Kg:	< 20	5.94
Azadiractin Content:	< 2500 ppm	254 ppm
FATTY ACID PROFILE:	(Chromatogram)	
C16 Palmitic	14.0 - 19.0	15.1
C18 Stearic	14.0 - 21.0	16.7
C18:1Oleic	40.0 - 60.0	47.8
C18:2 Linoleic	8.0 - 20.0	17.9
C20:0 Arachidic Acid	0.5 - 10.0	1.0

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