

CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
NEEM OIL ORGANIC	10395	12/2025	

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	Yellow brown to brown solid	Comparable to standard
Odour:	Strong aromatic odour	Satisfactory
Acid Value:	< 20	8.05
Saponification Value:	170 - 210	192.53
Refractive Index @ 20°C:	1.457 - 1.485	1.476
Specific Gravity @ 20°C:	0.9050 - 0.9650	0.939
Peroxide Value Meq O₂/Kg:	< 20	3.8
Azadiractin Content:	< 2500 ppm	254.0ppm
FATTY ACID PROFILE:	(Chromatogram)	
C16 Palmitic	14.0 - 19.0	17.82
C18 Stearic	14.0 - 21.0	19.0
C18:1Oleic	40.0 - 60.0	46.71
C18:2 Linoleic	8.0 - 20.0	16.48
C20:0 Arachidic Acid	0.5 - 10.0	1.40

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