

# CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
NEEM OIL ORGANIC	10761	06/2026	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Yellow brown to brown solid	Comparable to standard
<b>Odour:</b>	Strong aromatic odour	Satisfactory
<b>Acid Value:</b>	< 20	9.45
<b>Saponification Value:</b>	170 - 210	192.58
<b>Refractive Index @ 20°C:</b>	1.457 - 1.485	1.476
<b>Specific Gravity @ 20°C:</b>	0.9050 - 0.9650	0.939
<b>Peroxide Value Meq O<sub>2</sub>/Kg:</b>	< 20	1.2
<b>Azadiractin Content:</b>	< 2500 ppm	249 ppm
<b>FATTY ACID PROFILE:</b>	(Chromatogram)	
<b>C16 Palmitic</b>	14.0 - 19.0	15.3
<b>C18 Stearic</b>	14.0 - 21.0	16.8
<b>C18:1Oleic</b>	40.0 - 60.0	46.1
<b>C18:2 Linoleic</b>	8.0 - 20.0	17.9
<b>C20:0 Arachidic Acid</b>	0.5 - 10.0	1.0

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