



NHR ORGANIC OILS
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Certificate of Analysis Sheet

Organic Neem Oil

(Azadirachta indica)

PRODUCT NAME: NEEM OIL, COLD PRESSED ORGANIC
BATCH NUMBER: 021025-2
PRODUCT INCI: AZADIRACHTA INDICA SEED OIL
CAS NUMBER: 8002-65-1 / 90063-92-6
EINECS NUMBER: 290-052-2
MANUFACTURING METHOD: COLD PRESSED

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID (ROOM TEMP), SOFT BUTTER (<10°C)	COMPLIES
ODOUR	CHARACTERISTIC	COMPLIES
COLOUR	GREEN – BROWN	COMPLIES
REFRACTIVE INDEX @ 20°C	1.460 – 1.485	1.471
SPECIFIC GRAVITY @ 20°C	0.918 – 0.965	0.921
ACID VALUE	≤ 20.0	8.0
SAPONIFICATION VALUE	175.0 – 205.0	189.2
UNSAAPONIFIABLE MATTER	≤ 4.0	2.08
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	5.94
AZADIRACTIN (PPM)	<2500	254

FATTY ACID PROFILE		RANGE %	RESULT
C-CHAIN	ACID NAME		
C16:0	PALMITIC	10.0 – 30.0	15.1
C18:0	STEARIC	6.0 – 24.0	16.7
C18:1	OLEIC	25.0 – 54.0	47.8
C18:2	LINOLEIC	6.0 – 25.0	17.9
C20:0	ARACHIDIC	≤ 4.0	1.0

The attached information is considered to be correct at the time the client received this information.
Please be aware that detail can change and we encourage clients to update their records with NHR Organic Oils regularly.
The information is not and should not be considered a guarantee or warranty, or a part of our contractual or other legal obligations.

