



CERTIFICATE OF ANALYSIS

PRODUCT NAME: NEEM OIL, COLD PRESSED

LOT NUMBER: LOT0018925

PRODUCT INCI: MELIA AZADIRACHTA SEED OIL

PRODUCT CODE: K0300

CAS NUMBER: 8002-65-1 / 90063-92-6

EINECS NUMBER: 290-052-2

MANUFACTURING METHOD: COLD PRESSED

MANUFACTURING DATE: 02/08/2024

BEST BEFORE DATE: 02/08/2026

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	1.4662
SPECIFIC GRAVITY @ 20°C	0.918 – 0.965	0.9349
ACID VALUE (MGKOH/G)	≤ 20.0	6.88
SAPONIFICATION VALUE (MGKOH/G)	175.0 – 205.0	192.24
UNSATURATED MATTER (%)	≤ 4.0	0.53
PEROXIDE VALUE (MEQ O ₂ /KG)	<20.0	1.0
AZADIRACTIN (PPM)	<2500	192.61

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