



CERTIFICATE OF ANALYSIS

PRODUCT NAME: NEEM OIL, COLD PRESSED

LOT NUMBER: LOT0018180

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: 09/05/2024

BEST BEFORE DATE: 09/05/2026

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	1.476
SPECIFIC GRAVITY @ 20°C	0.918 - 0.965	0.9390
ACID VALUE (MGKOH/G)	≤ 20.0	7.33
SAPONIFICATION VALUE (MGKOH/G)	175.0 - 205.0	192.50
UNSAPONIFIABLE MATTER (%)	≤ 4.0	1.5
PEROXIDE VALUE (MEQ O ₂ / KG)	<20.0	2.8
AZADIRACTIN (PPM)	<2500	240.0

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