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SPECIFICATION SHEET

PRODUCT NAME: NEEM OIL, COLD PRESSED ORGANIC

PRODUCT INCI: MELIA AZADIRACHTA SEED OIL

PRODUCT CODE: K0301

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

EINECS NUMBER: 290-052-2

MANUFACTURING METHOD: COLD PRESSED

SHELF LIFE: 24 MONTHS

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

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

DATE	ISSUED BY	VERSION	REASON FOR UPDATE
15/02/2024	J. G	3.0	Fatty Acid Profile added