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## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: NEEM SEED OIL, COLD PRESSED ORGANIC**

**LOT NUMBER: LOT0004059**

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

MANUFACTURING DATE: 03/09/2019

BEST BEFORE DATE: 03/03/2021

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID (ROOM TEMP), SOFT BUTTER (<10°C)	-
ODOUR	CHARACTERISTIC	-
COLOUR	GREEN – BROWN	-
REFRACTIVE INDEX @ 20°C	1.450 – 1.473	1.457
SPECIFIC GRAVITY @ 20°C	0.900 – 0.940	0.90
ACID VALUE	<9.0	4.5
SAPONIFICATION VALUE	190.0 – 199.0	194.5
UNSATURIFIABLE MATTER	<4.0	0.72
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	3.1
HEAVY METALS	<10 PPM	-
AZADIRACTIN	<2500	-