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## CERTIFICATE OF ANALYSIS

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

**LOT NUMBER: LOT0002230**

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: 21/01/2019

BEST BEFORE DATE: 21/07/2020

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	1.470
SPECIFIC GRAVITY @ 20°C	0.900 – 0.940	0.9329
ACID VALUE	<9.0	7.64
SAPONIFICATION VALUE	190.0 – 199.0	194.29
UNSATURATED MATTER	<4.0	0.40
PEROXIDE VALUE (MEQ O <sub>2</sub> / KG)	<20.0	3.53
HEAVY METALS	<10 PPM	-
AZADIRACTIN	<2500	588.45

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