



NEEM OIL

TDS

Version 22.03.2017

TECHNICAL DATA SHEET

NEEM OIL

1. PRODUCT

Product Name:	NEEM OIL
Description:	Virgin vegetable oil obtained by cold-pressing and filtration from Melia Azadirachta seeds wild collected.
INCI EU:	Melia Azadirachta Seed Oil.
CAS Number EU:	8002-65-1/90063-92-6
EINECS Number:	290-052-2

2. SPECIFICATION

Analytical Details	Specifications
Appearance:	Greenish brown liquid at ambient temperature.
Color :	Light green to dark green.
Odor:	Strong spicy characteristic odor.
Boiling Point °C :	>200
Flash point °C:	>250
Relative Density @ 20 (g/ml) :	N/A
Humidity (%):	N/A
Refractive index :	1,450-1,460
Peroxide Value (meq O ₂ /kg) :	N/A
Iodine Value (g/100g) :	68-78
Saponification Value :	193-204
Unsaponifiable matter (%):	0.8-2.4
Acid value (mg KOH/g) :	<1
Fatty Acid Profile (%)	
C14:0 Myristic (%):	2-3
C16:0 Palmitic (%):	13-15
C18:0 Stearic (%):	15-19
C18:1w9 Oleic (%):	50-62
C18:2w6 Linoleic (%):	8-16

3. COMPLEMENTARY DATA

Solubility:	Soluble in oils.
Conservation:	Store in a hermetic recipient at a temperature between 10 and 25 °C, protected from direct light and moisture.
Date of re-analysis:	12 months after the last analysis date