



The Soap Kitchen

Unit 2D&E Hatchmoor Industrial Estate
Torrington, Devon. EX38 7HP
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Certificate of Analysis

Description: **Neem Oil, Refined**

Batch No: **18624**

Inci Name: **Melia Azadirachta (Neem) Seed Oil**

Cas No: **8002-65-1**

Einecs No: **N/A**

ANALYTICAL DETAILS	RANGE	RESULT
APPEARANCE @ 20°C	Brown to greenish brown oily liquid	Conforms
ODOUR	Typical neem	Conforms
SPECIFIC GRAVITY @ 25°C	0.921 – 0.965	0.935
REFRACTIVE INDEX @ 40°C	1.450 – 1.485	1.462
COLOUR (LOVIBOND 5.25" CELL)	Natural Golden	Conforms
IODINE VALUE (CALC)	65.0 – 80.0	Conforms
FREE FATTY ACID (% AS OLEIC)	< 1.0	Conforms
PEROXIDE VALUE (Meq O ₂ / kg)	< 5.0	Conforms
SAPONIFICATION VALUE	170 - 210	197
UNSAPONIFIABLE MATTER	< 1.5	Conforms
AZADIRACTIN CONTENT	> 2000 ppm	2412
NIMBIN CONTENT	> 4000 ppm	Conforms
SALANIN CONTENT	> 6000 ppm	Conforms
HAVY METALS	Not detected	Conforms
FLASH POINT (°C)	> 100	Conforms

Date Produced: May 2010

Best Before: May 2013

Spec: Z40-1 /01

Revised: 25.01.2011 VG