

**Certificate of Analysis**  
**Gracefruit Ltd**  
**146 Glasgow Road,**  
**Longcroft, Stirlingshire,**  
**FK4 1QL**  
**www.gracefruit.com**  
**VAT Number: 935 8115 14**  
**EORI Number: GB9358 1151 4000**  
**Company Number: SC374368**

Raw Material Code:	R00278	Product Description:	Neem Oil, CP
INCI Name:	Azadirachta Indica Seed Oil		
EINECS Number:	Not Listed	CAS Number:	8002-65-1 / 84696-25-3
Date of Production:	November-2015	Best Before:	November-2018
Lot Number:	1000146485	Retest Date:	-

Analytical Details	Result
Appearance	Brown to greenish brown oily liquid at room temperature. Will start to solidify at temperatures below 20°C
Odour	Strong Odour. Characteristic of Neem
Relative Density (g/ml)	0.948
Refractive Index nD20	1.47
Peroxide Value	0.93
Saponification Value	194.17
Unsaponifiable Matter (%)	0.89
Iodine Value (Calc.)	61.2
Acid Value (mg KOH/g)	5.2
Azadiractin Content (ppm)	196.34

Myristic Acid	C14:0	Not Detected
Palmitic Acid	C16:0	18.02
Stearic Acid	C18:0	15.36
Oleic Acid	C18:1	49.89
Linoleic Acid	C18:2	16.71