

Certificate of Analysis

Gracefruit Limited
209 Glasgow Road
Bonnybridge
FK4 1QQ



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-2016**

Best Before: **October-2018**

Lot Number: **L000232550**

Retested date:

Analytical Details	Result
Appearance	Brown to greenish oily liquid at room temperature. Will start to solidify at temperatures below 20°C
Odour	Strong odour. Characteristic of Neem
Specific Gravity @ 20°C	0.939
Refractive index @ 20°C	1.472
Peroxide Value (MeqO2/kg)	0.87
Saponification Value	191.90
Unsaponifiable Matter	0.52
Iodine Value	73.4
Acid Value (mg KOH/g)	1.36
Azadiractin Content (ppm)	189.5

Myristic Acid	C14:0	2.87
Palmitic Acid	C16:0	20.34
Stearic Acid	C18:0	8.18
Oleic Acid	C18:1	44.28
Linoleic Acid	C18:2	14.27