

Certificate of Analysis

Name of Product: Neroli Essential Oil
Batch Number: BBB2559
INCI Name: Citrus Aurantium Amara Flower Oil
Country of Origin: Egypt

Test	Standards/Methods	Results
Description	Clear mobile liquid	Complies
Colour	Pale yellow to yellow	Complies
Odour	Fresh, citric, floral	Complies
Specific Gravity at 20°C	0.870 – 0.880	0.873
Refractive Index at 20°C	1.465 – 1.472	1.467
Optical Rotation at 20°C	+2° – +11°	+8.0°
Storage	Keep in original sealed container, at a cool room temperature, in a dry and dark place away from sources of heat and light.	

Component Present	GC Value	Specification
α-Pinene	0.44%	Trace to 2%
Sabinene	0.68%	Trace to 3%
β-Pinene	5.70%	2-8%
β - Myrcene	2.49%	1-4%
Limonene	9.93%	7-17%
(E) β-Ocimene	5.82%	3-9%
Linalool	44.74%	26-55%
α terpineol	5.15%	2-8%
Linalyl Acetate	10.06%	3-20%
Neryl Acetate	1.81%	Trace to 7%
Geranyl Acetate	3.38%	1-5%
Nerolidol	2.32%	0.5-5%
Farnesol	1.04%	0.5-4%