



## Certificate of Analysis

### 1) Product Identification

Product Name: Neroli Premium Essential Oil  
Botanical Name: Citrus aurantium ssp amara  
Country of Origin: Tunisia  
Cultivation Method: Conventional  
Extraction Method: Steam Distilled  
Plant Part: Flowers  
Lot #: 4  
Best by Date: October 2023

### 2) Physical and Chemical Properties

Appearance:	Yellow to orange liquid	Conforms
Odor:	Characteristic, Floral, Fresh	Conforms
Specific Gravity:	0.874 @ 20°C	Conforms
Refractive Index:	1.468 @ 20°C	Conforms
Optical Rotation:	1.0° @ 25°C	Conforms
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Conforms

### 3) Gas Chromatography Analysis (Typical)

#### Components:

Limonene	< 13.9%	Geraniol	< 6.3%
Linalyl Acetate	10.0 – 25.0%	(R)-P-Mentha-1,8-diene	< 13.9%
Terpinyl Acetate	2.5 – 10.0%	beta-Pinene	2.5 – 10.0%
Geranyl Acetate	2.5 – 10.0%	alpha-Pinene	2.5 – 10.0%
Nerol	2.5 – 10.0%	Nerolidol	2.5 – 10.0%
Citronellol	< 2.0%	Terpineol	2.5 – 10.0%
Linalool	< 39.6%	Farnesol	< 3.5%

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#### **4) Storage Conditions**

Store at temperature <math><30^{\circ}\text{C}</math> in closed containers and protected from direct sunlight.

#### **5) Remarks**

This Essential Oil is a 100% pure and natural product.  
It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge.

#### **6) Disclaimer**

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