



## Certificate of Analysis

### 1) Product Identification

Product Name: Eucalyptus Radiata Essential Oil  
Botanical Name: Eucalyptus radiata  
Country of Origin: South Africa  
Cultivation Method: Organic  
Extraction Method: Steam Distilled  
Plant Part: Leaves and Branches  
Lot #: 2  
Best by Date: December 2022

### 2) Physical and Chemical Properties

Appearance:	Clear, pale yellow mobile liquid	Conforms
Odor:	Characteristic, fresh cineolic	Conforms
Specific Gravity:	0.9173 @ 20°C	Conforms
Refractive Index:	1.461 @ 20°C	Conforms
Optical Rotation:	1.6° @ 20°C	Conforms
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Conforms

### 3) Gas Chromatography Analysis (Typical)

#### Components:

alpha-Pinene	2.0 – 4.0%	delta - Limonene	2.0 – 8.0%
beta-Pinene	Trace – 2%	1,8-Cineole	70.14%
Sabinene	Trace – 2%	Terpinen-4-ol	Trace – 3.0%
alpha-phellandrene	Trace – 2%	alpha-Terpineol	3.0 – 12.0%
beta-phellandrene	Trace – 3%	gamma-Terpinene	Trace – 3%

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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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