



## Certificate of Analysis

### 1) Product Identification

Product Name: Cistus Essential Oil  
Botanical Name: Cistus ladaniferus  
Country of Origin: Spain  
Cultivation Method: Conventional  
Extraction Method: Steam Distilled  
Plant Part: Leaves and Flowering Tops  
Lot #: 3  
Best by Date: August 2020

### 2) Physical and Chemical Properties

Appearance:	Yellow to orange-yellow liquid.	Conforms
Odor:	Heady, woody, ambree, turpentine-like.	Conforms
Specific Gravity:	0.913 @ 20°C	Conforms
Refractive Index:	1.483 @ 20°C	Conforms
Optical Rotation:	- 9°2 @ 20°C	Conforms
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Conforms

### 3) Gas Chromatography Analysis (Typical)

#### Components:

alpha-Pinene	33.47%	gamma-Terpinene	1.21%
Camphene	2.6%	Trimethylcyclohexanone	1.47%
Bornyl Acetate	2.97%	1,8-Cineole	0.28%
para-Cymene	2.45%	Borneol	1.04%
trans-Pinocarveol	3.02%	Dehydropara-Cymene	1.53%
Limonene	1.78%	IsoPinocamphone	0.98%
Globulol	3.03%	Pinocarvone	0.79%
Terpinene-1-ol-4	0.95%	Ledene	0.9%
Viridiflorol	1.28%	beta-Phellandrene	0.41%

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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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