



## Certificate of Analysis

### 1) Product Identification

Product Name: Cassia Essential Oil  
 Botanical Name: Cinnamomum cassia  
 Country of Origin: China  
 Cultivation Method: Conventional  
 Extraction Method: Steam Distilled  
 Plant Part: Barks  
 Lot #: 1  
 Best by Date: January 2019

### 2) Physical and Chemical Properties

Appearance:	Yellow to yellow brown liquid	Conforms
Odor:	Characteristic	Conforms
Specific Gravity:	1.055 @ 20°C	Conforms
Refractive Index:	1.606 @ 20°C	Conforms
Optical Rotation:	-0.16° @ 20°C	Conforms
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Conforms

### 3) Gas Chromatography Analysis (Typical)

Components:

Styrene	Max. 0.05%	Phenyl-2-ethanol	0.67%
Camphene	0.08%	Methoxybenzaldehyde	0.66%
trans-beta-Ocimene	0.10%	trans-Cinnamaldehyde	78.39%
para-Cymene	Max. 0.05%	Cinnamyl acetate	3.32%
alpha-Copaene and Benzaldehyde	1.24%	Eugenol	0.07%
beta-Caryophyllene	0.13%	Alcool cinnamique	0.18%
Acetophenone	0.06%	trans-o-Methoxycinnamaldehyde	9.29%
Aldehyde salicylique	0.33%	Coumarine	1.74%
Borneol	0.24%	acetate d'o-Methoxycinnamyle	0.06%
Phenyl ethyl aldehyde	0.15%	Benzyl benzoate	0.06%
cis-Cinnamaldehyde	0.52%		

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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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