

**DESCRIPTION:**

Inci Name: Cinnamon Zeylanicum  
(Cinnamon Essential Oil)  
Cas №: 84649-98-9

**DETAILS**

Lot № 8416  
  
Einecs №: 283-479-0

Gas Chromatography Analysis (%)

Date: November 2020

## Gas Chromatography Analysis (%)

Name: Cinnamon Essential Oil

### Analytical Details

### Range

### Result

Appearance @ 20 °C

Clear, yellow, mobile liquid

Conforms

Odour

Characteristics of  
cinnamon

Conforms

Specific Gravity @ 20 °C

1.030 – 1.060

Conforms

Refractive Index @ 20 °C

1.529 – 1,537

Conforms

## Analytical Details

## Result

### Aldehyde

(E)-cinnamaldehyde	60.46%
(E)-2-methoxycinnamaldehyde	0.28%
(Z)-cinnamaldehyde	0.26%%
Benzaldehyde	0.07%
Tetradecanal	0.05%

### Monoterpene

p-cymene	3.65%
$\alpha$ -pinene	2.70%
$\alpha$ -phellandrene	0.59%

## Analytical Details

## Result

$\alpha$ -terpinene	0.23%
Camphene	0.22%
$\beta$ -pinene	0.18%
$\alpha$ -thujene	0.13%%
p-mentha-1,3,8-triene	0.07%
Terpinolene	0.06%
$\beta$ -myrcene	0.05%
Sabinene	0.05%%
$\delta$ -3-carene	0.04%%
$\gamma$ -terpinene	0.03%

## Analytical Details

## Result

(Z)- $\beta$ -ocimene

0.03%

(E)- $\beta$ -ocimene

0.01%

## Ester

Cinnamyl acetate

6.98%

Benzyl benzoate

0.46%

## Monoterpenol

Linalool

6.19%

$\alpha$ -terpineol

0.16%

Terpinen-4-ol

0.07%

p-cymen-8-ol

0.02%

## Analytical Details

## Result

Borneol

0.01%

$\beta$ -caryophyllene

5.57%

$\alpha$ -caryophyllene

0.32%

$\alpha$ -copaene

0.22%

$\beta$ -cadinene

0.02%

$\beta$ -elemene

0.01%

$\beta$ -bisabolene

0.01%

Oxide

1,8-cineole

4.98%

Phenol

## Analytical Details

## Result

Eugenol

4.75%

Carvacrol

0.02%

Sesquiterpenol

Longipinanol

0.26%

Ether

Safrole

0.06%

Ketone

Camphor

0.06%

Other

Cinnamyl alcohol

0.02%

Date Produced: November 2020

R00126

