



## ESSENTIAL OIL SINGLES

## Cardamom Oil

Elettaria cardamomum

## BATCH NUMBER

CAM-114

## COUNTRY OF ORIGIN

Guatemala

## EXTRACTION DATE

February 2023

## Gas Chromatography Analysis (%)

## ESTER

$\alpha$ -terpinyl acetate	34.41%	linalyl acetate	6.79%
(E)-sabinene hydrate	0.80%	geranyl acetate	0.36%
$\delta$ -terpinyl acetate	0.20%		

## OXIDE

1,8-cineole	28.87%
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## MONOTERPENE

sabinene	6.19%	$\beta$ -myrcene	2.87%
$\alpha$ -pinene	2.29%	$\beta$ -pinene	0.60%
p-cymene	0.38%	$\alpha$ -thujene	0.34%
$\gamma$ -terpinene	0.33%	terpinolene	0.18%
$\alpha$ -terpinene	0.13%	(E)- $\beta$ -ocimene	0.08%
camphene	0.03%	(Z)- $\beta$ -ocimene	0.03%

**MONOTERPENOL**

linalool	4.86%	$\alpha$ -terpineol	3.01%
terpinen-4-ol	1.49%	$\delta$ -terpineol	0.18%
$\gamma$ -terpineol	0.17%		

**ALDEHYDE**

geranial	1.11%	neral	0.78%
octanal	0.25%	decanal	0.04%

**SESQUITERPENOL**

(E)-nerolidol	1.36%	(E,E)-farnesol	0.08%
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**SESQUITERPENE**

$\gamma$ -elemene	0.16%	$\beta$ -selinene	0.15%
$\gamma$ -cadinene	0.11%	$\alpha$ -selinene	0.04%