

**ESSENTIAL OIL SINGLES****Cinnamon Leaf Oil****Cinnamomum zeylanicum****BATCH NUMBER**

CIL-106

**COUNTRY OF ORIGIN**

Madagascar

**EXTRACTION DATE**

August 2019

**Gas Chromatography Analysis (%)****PHENOL**

eugenol	78.21%
---------	--------

**ESTER**

benzyl benzoate	3.64%
-----------------	-------

cinnamyl acetate	0.85%
------------------	-------

eugenyl acetate	3.63%
-----------------	-------

benzyl acetate	0.16%
----------------	-------

**MONOTERPENE**

$\beta$ -phellandrene	1.55%	$\alpha$ -pinene	1.15%
limonene (d)	0.52%	camphene	0.52%
$\beta$ -pinene	0.46%	$\alpha$ -phellandrene	0.44%
p-cymene	0.40%	$\alpha$ -terpinene	0.28%
$\beta$ -myrcene	0.13%	sabinene	0.06%
terpinolene	0.05%	$\gamma$ -terpinene	0.03%
(E)- $\beta$ -ocimene	0.03%	(Z)- $\beta$ -ocimene	0.03%
$\delta$ -3-carene	0.02%		

**SESQUITERPENE**

$\beta$ -caryophyllene	3.05%	$\alpha$ -copaene	0.52%
$\alpha$ -caryophyllene	0.49%	bicyclogermacrene	0.31%
benzyl alcohol	0.06%	$\delta$ -cadinene	0.05%
aromadendrene	0.05%	$\beta$ -elemene	0.02%

**ALDEHYDE**

(E)-cinnamaldehyde	1.13%	benzaldehyde	0.06%
--------------------	-------	--------------	-------

**MONOTERPENOL**

linalool	0.38%	borneol	0.15%
terpinen-4-ol	0.11%	p-cymen-8-ol	0.01%

**OXIDE**

caryophyllene oxide	0.36%	1,8-cineole	0.04%
---------------------	-------	-------------	-------

**OTHER**

---

cinnamyl alcohol	0.09%
------------------	-------

---

**KETONE**

---

camphor	0.02%
---------	-------

---