

## **Certificate of Analysis**

April 23, 2019

**SMART ORGANICS INC** 

Order No. 505914 Attn: Kirsten Borstock/Chris Sample No. 1025496

Encarnacion 65 Alabama Avenue Island Park, NY 11558

## SAMPLE INFORMATION

Description CBD Oil Calm Lot Number 9094382 4/21

Category (Type) Other

Received April 16, 2019

## **ANALYTICAL RESULTS**

**Analysis** Terpene Profile

Instrument Gas Chromatography Mass Spectrometry (GC/MS)

American Herbal Pharmacopoeia Method **Analysis Date** April 16, 2019 to April 23, 2019

α-Pinene ND <loq< th=""> - - -   Isopulegol ND ND - - -   Camphene ND ND - - -   Menthol ND ND - - -   β-Myrcene ND ND - - -   β-Myrcene ND ND - - -   β-Pinene ND ND - - -   β-Pinene ND ALOQ - - -   β-Brance ND ND - - -   Gironel</loq<>	Terpene	mg/g	%	Listed Value	% Difference	Status
Camphene ND ND - <th< td=""><td>α-Pinene</td><td>ND</td><td><loq< td=""><td>-</td><td>-</td><td>-</td></loq<></td></th<>	α-Pinene	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
Menthol ND ND -	Isopulegol	ND	ND	-	-	-
β-Myrcene ND <loq< th=""> - - -   (-)-Borneol ND ND - - -   β-Pinene ND <loq< th=""> - - -   Ferpineol ND <loq< th=""> - - - -   δ -3-Carene ND ND - - - - -   Citronellol ND ND - - - - -   Limonene ND ND - - - - -   Geraniol ND ND - - - - -   g-Caryophyllene ND &lt;-LOQ - - - - -</loq<></loq<></loq<>	Camphene	ND	ND	-	-	-
(-)-Borneol ND ND -	Menthol	ND	ND	-	-	-
β-Pinene ND <loq< th=""> - - -   Terpineol ND <loq< td=""> - - -   δ -3-Carene ND ND - - -   δ -3-Carene ND ND - - - -   Citronellol ND ND -</loq<></loq<>	ß-Myrcene	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
Terpineol ND <loq< th=""> - - -   δ -3-Carene ND ND - - -   Citronellol ND ND - - -   Limonene ND <loq< td=""> - - - -   Geraniol ND ND - - - - -   Geraniol ND ND -</loq<></loq<>	(-)-Borneol	ND	ND	-	-	-
δ -3-Carene ND ND - - -   Citronellol ND ND - - -   Limonene ND <loq< td=""> - - -   Geraniol ND ND - - - -   Geraniol ND ND ND -</loq<>	β-Pinene	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
Citronellol ND ND -	Terpineol	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
Limonene ND <loq< th=""> - - -   Geraniol ND ND - - -   α-Terpinene ND <loq< td=""> - - -   β-Caryophyllene 0.164 0.0164 - - - -   trans-beta-Ocimene ND <loq< td=""> - - - -   α-Humulene 0.021 0.0021 - - - -   dis-beta-Ocimene ND ND ND - - - -   dis-beta-Ocimene ND ND -</loq<></loq<></loq<>	δ -3-Carene	ND	ND	-	-	-
Geraniol ND ND - <th< td=""><td>Citronellol</td><td>ND</td><td>ND</td><td>-</td><td>-</td><td>-</td></th<>	Citronellol	ND	ND	-	-	-
α-Terpinene ND <loq< th=""> - - -   β-Caryophyllene 0.164 0.0164 - - -   trans-beta-Ocimene ND <loq< td=""> - - -   α-Humulene 0.021 0.0021 - - - -   cis-beta-Ocimene ND ND ND -</loq<></loq<>	Limonene	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
B-Caryophyllene 0.164 0.0164 - - -   trans-beta-Ocimene ND <loq< td=""> - - -   α-Humulene 0.021 0.0021 - - - -   cis-beta-Ocimene ND ND - - - -   cis-Nerolidol ND ND - - - -   p-Cymene ND ND - - - -   trans-Nerolidol ND ND - - - -   Eucalyptol ND ND - - - - -   Guaiol ND ND - - - - -   Y-Terpinene ND <loq< td=""> - - - - -   Caryophyllene Oxide ND <loq< td=""> - - - -   α-Bisabolol ND <loq< td=""> - - - -</loq<></loq<></loq<></loq<>	Geraniol	ND	ND	-	-	-
trans-beta-Ocimene ND <loq< th=""> - - -   α-Humulene 0.021 0.0021 - - -   cis-beta-Ocimene ND ND - - -   cis-beta-Ocimene ND ND - - - -   cis-Nerolidol ND ND - &lt;</loq<>	α-Terpinene	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
α-Humulene 0.021 0.0021 -	ß-Caryophyllene	0.164	0.0164	-	-	-
cis-beta-Ocimene ND ND - - -   cis-Nerolidol ND ND - - -   p-Cymene ND ND - - -   trans-Nerolidol ND ND - - -   Eucalyptol ND ND - - - -   Guaiol ND ND - - - -   y-Terpinene ND <loq< td=""> - - - -   Caryophyllene Oxide ND <loq< td=""> - - - -   Terpinolene ND <loq< td=""> - - - -   α-Bisabolol ND <loq< td=""> - - - -   Linalool ND ND <loq< td=""> - - - -   Eudesmol ND ND ND - - - - -</loq<></loq<></loq<></loq<></loq<>	trans-beta-Ocimene	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
cis-Nerolidol ND ND - - -   p-Cymene ND ND - - -   trans-Nerolidol ND <loq< td=""> - - -   Eucalyptol ND ND - - - -   Guaiol ND ND - - - - -   y-Terpinene ND <loq< td=""> - - - - -   Caryophyllene Oxide ND <loq< td=""> - - - - -   Terpinolene ND <loq< td=""> - - - - -   α-Bisabolol ND <loq< td=""> - - - - -   Linalool ND ND ND - - - - - -</loq<></loq<></loq<></loq<></loq<>	α-Humulene	0.021	0.0021	-	-	-
p-Cymene ND ND - - -   trans-Nerolidol ND <loq< td=""> - - -   Eucalyptol ND ND - - -   Guaiol ND ND - - -   y-Terpinene ND <loq< td=""> - - - -   Caryophyllene Oxide ND <loq< td=""> - - - - -   Terpinolene ND <loq< td=""> - - - -   α-Bisabolol ND <loq< td=""> - - - -   Linalool ND ND ND - - - -   Eudesmol ND ND ND - - - -</loq<></loq<></loq<></loq<></loq<>	cis-beta-Ocimene	ND	ND	-	-	-
trans-Nerolidol ND <loq< th=""> - - -   Eucalyptol ND ND - - -   Guaiol ND ND - - -   y-Terpinene ND <loq< td=""> - - - -   Caryophyllene Oxide ND <loq< td=""> - - - -   Terpinolene ND <loq< td=""> - - - -   α-Bisabolol ND <loq< td=""> - - - -   Linalool ND ND <loq< td=""> - - - -   Eudesmol ND ND ND - - - - -</loq<></loq<></loq<></loq<></loq<></loq<>	cis-Nerolidol	ND	ND	-	-	-
Eucalyptol ND ND - - -   Guaiol ND ND - - -   y-Terpinene ND <loq< td=""> - - -   Caryophyllene Oxide ND <loq< td=""> - - - -   Terpinolene ND <loq< td=""> - - - -   α-Bisabolol ND <loq< td=""> - - - -   Linalool ND ND ND - - - -   Eudesmol ND ND ND - - - - -</loq<></loq<></loq<></loq<>	p-Cymene	ND	ND	-	-	-
Guaiol ND ND -	trans-Nerolidol	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
y-Terpinene ND <loq< th=""> -</loq<>	Eucalyptol	ND	ND	-	-	-
Caryophyllene Oxide ND <loq< th=""> - - -   Terpinolene ND <loq< td=""> - - -   α-Bisabolol ND <loq< td=""> - - - -   Linalool ND <loq< td=""> - - - -   Eudesmol ND ND - - - - -</loq<></loq<></loq<></loq<>	Guaiol	ND	ND	-	-	-
Terpinolene ND <loq< th=""> - - - -   α-Bisabolol ND <loq< td=""> - - - -   Linalool ND <loq< td=""> - - - -   Eudesmol ND ND - - - - -</loq<></loq<></loq<>	y-Terpinene	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
a-Bisabolol ND <loq< th=""> - - - -   Linalool ND <loq< td=""> - - - -   Eudesmol ND ND - - - - -</loq<></loq<>	Caryophyllene Oxide	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
Linalool ND <loq< th=""> - - - -   Eudesmol ND ND - - - - -</loq<>	Terpinolene	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
Eudesmol ND ND	α-Bisabolol	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
	Linalool	ND	<loq< td=""><td>-</td><td>-</td><td>-</td></loq<>	-	-	-
Total Ternenes 0.185 0.0185	Eudesmol	ND	ND	-	-	-
	Total Terpenes	0.185	0.0185	_	_	_

Reported by Anresco, Inc.

Analyst

Limit of Quantitation: 0.0015 mg/g

ND = None Detected

<LOQ = Below Limit of Quantitation <LOD = Below Limit of Detection

April 23, 2019

If there are any questions with this report, please contact "iso@anresco.com".

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Anresco Laboratories www.anresco.com

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