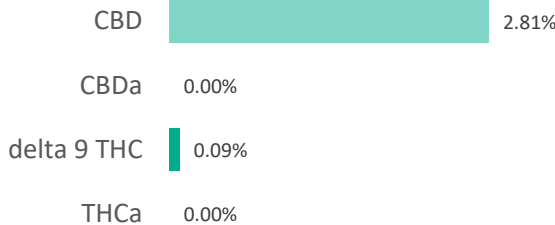
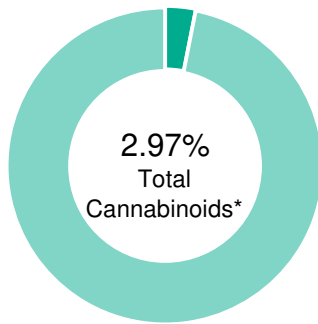


Hemp-25mg Peppermint

Batch ID:	19612-2	Test ID:	6926130.0019
Reported:	13-Jun-2019	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.06	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.09	0.9
Cannabidiolic acid (CBDA)	0.06	0.00	0.0
Cannabidiol (CBD)	0.03	2.81	28.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.08	0.00	0.0
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.05	0.00	0.0
Cannabigerol (CBG)	0.03	0.07	0.7
Tetrahydrocannabivarinic Acid (THCVA)	0.05	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.03	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.05	0.00	0.0
Cannabidivarin (CBDV)	0.03	0.00	0.0
Cannabichromenic Acid (CBCA)	0.04	0.00	0.0
Cannabichromene (CBC)	0.05	0.00	0.0
Total Cannabinoids		2.97	29.70
Total Potential THC**		0.09	0.90
Total Potential CBD**		2.81	28.10

NOTES:

N/A


% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and } \text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$
FINAL APPROVAL


Sam Smith
 13-Jun-2019
 1:59 PM
 PREPARED BY / DATE

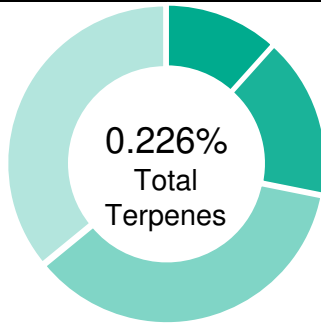

Greg Zimpfer
 13-Jun-2019
 2:15 PM
 APPROVED BY / DATE

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Hemp-25mg Peppermint

Batch ID:	19612-2	Test ID:	7006742.0019
Reported:	18-Jun-2019	Method:	TM10
Type:	Concentrate		
Test:	Terpenes		

TERPENE PROFILE


Compound	%(w/w)	mg/g
(-) -alpha-Bisabolol	0.000	0
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.037	0.37
(-) -Caryophyllene Oxide	0.000	0
p-Cymene	0.004	0.04
Eucalyptol	0.090	0.9
Geraniol	0.000	0
alpha-Humulene	0.000	0
(-) -Isopulegol	0.023	0.23
d-Limonene	0.037	0.37
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.002	0.02
beta-Ocimene	0.000	0
alpha-Pinene	0.012	0.12
(-) -beta-Pinene	0.017	0.17
alpha-Terpinene	0.000	0
gamma-Terpinene	0.004	0.04
Terpinolene	0.000	0
	0.226%	2.26

PREDOMINANT TERPENES

alpha-Pinene	0.012%
(-) -beta-Pinene	0.017%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.037%
Linalool	0.000%
beta-Caryophyllene	0.037%
alpha-Humulene	0.000%
(-) -alpha-Bisabolol	0.000%

NOTES:
FINAL APPROVAL

 Greg Zimpfer 18-Jun-2019 8:57 AM	 David Green 18-Jun-2019 9:25 AM
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PREPARED BY / DATE

APPROVED BY / DATE

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Hemp-25mg Peppermint

Batch ID:	19612-2	Test ID:	1777250.003
Reported:	17-Jun-2019	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

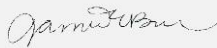

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter
TYM: None Detected
Total Aerobic: None Detected
Coliforms: None Detected**FINAL APPROVAL**
Jamie Bunker
17-Jun-2019
2:53 PM
Greg Zimpfer
17-Jun-2019
3:12 PM

PREPARED BY / DATE

APPROVED BY / DATE

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prepared for: RE BOTANICALS
1624 MARKET STREET, SUITE: 202 PMB-91700
DENVER, CO 80202

Hemp-25mg Peppermint

Batch ID:	19612-2	Test ID:	2616880.050
Reported:	17-Jun-2019	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		


RESIDUAL SOLVENTS

Solvent	Reportable Range (ppm)	Result (ppm)
Propane	100 - 2000	0
Butanes (Isobutane, n-Butane)	100 - 2000	0
Pentane	100 - 2000	0
Ethanol	100 - 2000	0
Acetone	100 - 2000	0
Isopropyl Alcohol	100 - 2000	0
Hexane	6 - 120	0
Benzene	0.2 - 4	0.0
Heptanes	100 - 2000	0
Toluene	18 - 360	0
Xylenes (m,p,o-Xylenes)	43 - 860	0

NOTES:

Free from visual mold, mildew, and foreign matter.

FINAL APPROVAL

 Samantha Smith 17-Jun-2019 12:41 PM	 Greg Zimpfer 17-Jun-2019 1:01 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Certificate of Analysis

RE BOTANICALS, INC.

Sample Name:	HEMP 25 PEPPERMINT TINCTURE	Eurofins Sample:	8670503
Project ID	RE_BOTANIC-20190725-0008	Receipt Date	24-Jul-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19612-2	Login Date	25-Jul-2019
Sample Serving Size		Date Started	25-Jul-2019

Analysis

Result

Metals Analysis by ICP-MS

Arsenic	<0.0773 ppm
Cadmium	<0.0193 ppm
Lead	<0.0193 ppm
Mercury	<0.00966 ppm

Multi-Residue Analysis for hemp products - 60+ compounds

Matrix Type - To Determine Limit of Quantification (LOQ)	High-Fat Food Matrices
Abamectin	<0.05 mg/kg
Aldicarb	<0.05 mg/kg
Aldicarb sulfone (Aldoxycarb)	<0.05 mg/kg
Aldicarb sulfoxide	<0.05 mg/kg
Azoxystrobin	<0.05 mg/kg
Bifenazate	<0.05 mg/kg
Bifenthrin	<0.05 mg/kg
Carbaryl	<0.05 mg/kg
Carbofuran	<0.05 mg/kg
Carbofuran-3-hydroxy-	<0.05 mg/kg
Chlorantraniliprole	<0.05 mg/kg
Chlordane, cis-	<0.05 mg/kg
Chlordane, trans-	<0.05 mg/kg
Chlorfenapyr	<0.05 mg/kg
Chlorpyrifos	<0.05 mg/kg
Coumaphos	<0.05 mg/kg
Cyfluthrin	<0.05 mg/kg
Cypermethrin	<0.05 mg/kg
Cyproconazole (2 diastereoisomers)	<0.05 mg/kg
Cyprodinil	<0.05 mg/kg
Dichlorvos	<0.05 mg/kg
Diclobutrazol	<0.05 mg/kg
Dipropetryn	<0.05 mg/kg
Disulfoton	<0.05 mg/kg

Certificate of Analysis

RE BOTANICALS, INC.

Sample Name:	HEMP 25 PEPPERMINT TINCTURE	Eurofins Sample:	8670503
Project ID	RE_BOTANIC-20190725-0008	Receipt Date	24-Jul-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19612-2	Login Date	25-Jul-2019
Sample Serving Size		Date Started	25-Jul-2019

Analysis

Result

Multi-Residue Analysis for hemp products - 60+ compounds

Endosulfan I (alpha-isomer)	<0.05 mg/kg
Endosulfan II (beta-isomer)	<0.05 mg/kg
Endosulfan sulfate	<0.05 mg/kg
Epoxiconazole	<0.05 mg/kg
Ethiofencarb	<0.05 mg/kg
Etofenprox	<0.05 mg/kg
Etoxazole	<0.05 mg/kg
Fenoxycarb	<0.05 mg/kg
Fenpropathrin	<0.05 mg/kg
Fenvalerate/Esfenvalerate (sum of isomers)	<0.05 mg/kg
Fipronil	<0.05 mg/kg
Fipronil desulfinyl	<0.05 mg/kg
Fipronil sulfone	<0.05 mg/kg
Imazalil	<0.05 mg/kg
Imidacloprid	<0.05 mg/kg
Malathion	<0.05 mg/kg
Methiocarb	<0.05 mg/kg
Methiocarb sulfone	<0.05 mg/kg
Methiocarb sulfoxide	<0.05 mg/kg
Methomyl	<0.05 mg/kg
Metolachlor	<0.05 mg/kg
Mevinphos (E- and Z-isomers)	<0.05 mg/kg
Myclobutanil	<0.05 mg/kg
Naled (Dibrom)	<0.05 mg/kg
Paclobutrazol	<0.05 mg/kg
Permethrin (sum of isomers)	<0.05 mg/kg
Propoxur	<0.05 mg/kg
Pyrethrum (total)	<0.50 mg/kg
Spinetoram (spinosyns J and L)	<0.05 mg/kg
Spinosad (spinosyns A and D)	<0.05 mg/kg

Certificate of Analysis

RE BOTANICALS, INC.

Sample Name:	HEMP 25 PEPPERMINT TINCTURE	Eurofins Sample:	8670503
Project ID	RE_BOTANIC-20190725-0008	Receipt Date	24-Jul-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19612-2	Login Date	25-Jul-2019
Sample Serving Size		Date Started	25-Jul-2019

Analysis

Result

Multi-Residue Analysis for hemp products - 60+ compounds

Spirodiclofen	<0.05 mg/kg
Spiromesifen	<0.05 mg/kg
Spiromesifen enol	<0.05 mg/kg
Spirotetramat	<0.05 mg/kg
Spiroxamine (2 diastereoisomers)	<0.05 mg/kg
Tebuconazole	<0.05 mg/kg
Thiabendazole	<0.05 mg/kg
Thiabendazole-5-hydroxy-	<0.05 mg/kg
Thiacloprid	<0.05 mg/kg
Trifloxystrobin	<0.05 mg/kg

Method References

Testing Location

Metals Analysis by ICP-MS (ICP_MS_B_S)

Food Integrity Innovation-Boulder

Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994.

"Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version.

Multi-Residue Analysis for hemp products - 60+ compounds (PEST_HEMP)

Food Integ. Innovation-Greenfield

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Certificate of Analysis

RE BOTANICALS, INC.

Testing Location(s)**Released on Behalf of Eurofins by****Food Integrity Innovation-Boulder****Ian Laessig - Manager**

Eurofins Food Chemistry Testing US, Inc.
2830 Wilderness Pl
Boulder CO 80301
800-675-8375



AT-1816

Food Integ. Innovation-Greenfield**Karelyn Koehn - Manager**

Eurofins Food Chemistry Testing US, Inc.
671 S. Meridian Road
Greenfield IN 46140
800-675-8375



2918.06

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Eurofins Food Chemistry Testing US, Inc.
2830 Wilderness Pl
Boulder CO 80301
800-675-8375



AT-1816

Food Integ. Innovation-Greenfield**Karelyn Koehn - Manager**

Eurofins Food Chemistry Testing US, Inc.
671 S. Meridian Road
Greenfield IN 46140
800-675-8375



2918.06

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