

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

Result (%)

0.00

0.11

0.00

3.37

0.00

0.00

0.00

Result (mg/g)

0.0

1.1

0.0

33.7

0.0

0.0

0.0

Hemp 15mg Capsules

Batch ID:	19411-2	Test ID:	5133848.009
Reported:	15-Apr-2019	Method:	TM14
Туре:	Concentrate		
Test:	Potency		

Compound

Delta 9-Tetrahydrocannabinol (Delta 9THC)

Delta 8-Tetrahydrocannabinol (Delta 8THC)

Cannabidiolic acid (CBDA)

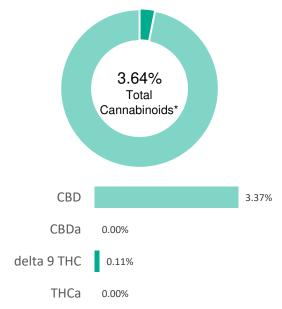
Cannabinolic Acid (CBNA)

Cannabidiol (CBD)

Cannabinol (CBN)

Delta 9-Tetrahydrocannabinolic acid (THCA-A)

## **CANNABINOID PROFILE**



Cannabigerolic acid (CBGA)	0.08	0.00	0.0
Cannabigerol (CBG)	0.05	0.16	1.6
Tetrahydrocannabivarinic Acid (THCVA)	0.08	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.04	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.08	0.00	0.0
Cannabidivarin (CBDV)	0.04	0.00	0.0
Cannabichromenic Acid (CBCA)	0.07	0.00	0.0
Cannabichromene (CBC)	0.08	0.00	0.0
Total Cannabinoids		3.64	36.40
Total Potential THC**		0.11	1.10
Total Potential CBD**		3.37	33.70

LOQ (%)

0.09

0.05

0.08

0.05

0.05

0.13

0.06

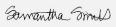
% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

Total THC = THC + (THCa \*(0.877)) and Total CBD = CBD + (CBDa \*(0.877))

NOTES:

N/A

## FINAL APPROVAL



Sam Smith 15-Apr-2019 7:28 PM

Chris Jungling 15-Apr-2019 8:08 PM

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02





Certificate #4329.02

 $<sup>^{\</sup>star}$  Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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



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

Hemp 15mg Capsules

Batch ID: 19411-2 Test ID: 7766309.012 Reported: 17-Apr-2019 Method: TM04 Concentrate Type: 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 Smuls

Sam Smith 17-Apr-2019 6:55 AM

David Green 17-Apr-2019 8:19 AM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02







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

Hemp 15mg Capsules

Batch ID:19411-2Test ID:8026823.014Reported:18-Apr-2019Method:Concentrate - Test Method: TM05Type:ConcentrateTest: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

<sup>\*</sup> CFU/g = Colony Forming Unit per Gram

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

Vicente Contreras 18-Apr-2019 5:17 PM Chris Jungling 18-Apr-2019 8:34 PM

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Services, LLC.

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



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

Hemp 15mg Capsules

 Batch ID:
 19411-2
 Test ID:
 8013639.0023

 Reported:
 18-Apr-2019
 Method:
 TM10

 Type:
 Concentrate

 Test:
 Terpenes

## **TERPENE PROFILE**

0.029% Total Terpenes

#### **PREDOMINANT TERPENES**

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

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.029	0.29
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.000	0
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.000	0
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.029%	0.29

NOTES:

0.029%

### FINAL APPROVAL

An 31/

Greg Zimpfer 18-Apr-2019 9:49 AM

Dunuh

David Green 18-Apr-2019 10:58 AM

PREPARED BY / DATE

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Report Date: 21-May-2019

Report Status: Final

# **Certificate of Analysis**

RE BOTANICALS, INC.

Sample Name:	HEMP 15 CLASSIC CAPSULE	Eurofins Sample:	8440043
Project ID	RE_BOTANIC-20190510-0005	Receipt Date	10-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19411-2	Login Date	10-May-2019
Sample Serving Size	e	Date Started	10-May-2019
Analysis			Result
Metals Analysis	by ICP-MS		
Arsenic			<0.198 ppm
Cadmium			<0.0494 ppm
Lead			<0.0494 ppm
Mercury			<0.0247 ppm
Multi-Residue Ar	nalysis for hemp products - 60+ compounds		
Matrix Type - To	Determine Limit of Quantification (LOQ)		Spices - Botanicals - and other
Abamectin			Specialty Samples <0.05 mg/kg
Aldicarb			· ·
	(Aldovacorb)		<0.05 mg/kg
Aldicarb sulfone Aldicarb sulfoxion			<0.05 mg/kg
	ie.		<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-hy	-		<0.05 mg/kg
Chlorantranilipro	DIE .		<0.05 mg/kg
Chlordane, cis-	_		<0.05 mg/kg
Chlordane, trans	S-		<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
• •	(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

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RE BOTANICALS, INC.

Sample Name:	HEMP 15 CLASSIC CAPSULE	Eurofins Sample:	8440043
Project ID	RE_BOTANIC-20190510-0005	Receipt Date	10-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19411-2	Login Date	10-May-2019
Sample Serving Size		Date Started	10-May-2019

Sample Serving Size	Date Started	10-May-2019
Analysis		Result
Multi-Residue Analysis for hemp products - 60+ compounds		
Disulfoton		<0.05 mg/kg
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

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Sample Name:	HEMP 15 CLASSIC CAPSULE	Eurofins Sample:	8440043
Project ID	RE_BOTANIC-20190510-0005	Receipt Date	10-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19411-2	Login Date	10-May-2019
Sample Serving Size		Date Started	10-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 60+ compounds	
Spinosad (spinosyns A and D)	<0.05 mg/kg
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.

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Report Date: 21-May-2019

Report Status: Final

# **Certificate of Analysis**

RE BOTANICALS, INC.

### Testing Location(s)

### Released on Behalf of Eurofins by

### Food Integrity Innovation-Boulder

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



AT-1816

### Food Integ. Innovation-Greenfield

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

Ian Laessig - Manager





2918.06

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