

## CERTIFICATE OF ANALYSIS

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

Hemp 25mg Classic

**Batch ID:** 19418 **Test ID:** 6062467.0015

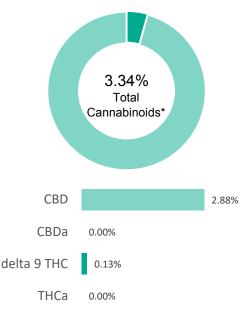
19-Apr-2019 **Method:** TM14

**Type:** Concentrate

**Test:** Potency

Reported:

### **CANNABINOID PROFILE**



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

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

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	0.13	1.3
Cannabidiolic acid (CBDA)	0.06	0.00	0.0
Cannabidiol (CBD)	0.03	2.88	28.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.09	0.15	1.5
Cannabinol (CBN)	0.04	0.00	0.0
Cannabigerolic acid (CBGA)	0.06	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)	0.06	0.00	0.0
Cannabidivarin (CBDV)	0.03	0.00	0.0
Cannabichromenic Acid (CBCA)	0.05	0.00	0.0
Cannabichromene (CBC)	0.06	0.11	1.1
Total Cannabinoids		3.34	33.40
Total Potential THC**		0.13	1.30
Total Potential CBD**		2.88	28.80

NOTES:

N/A

## FINAL APPROVAL

L Winternhamer

Karen Winternheimer 19-Apr-2019 4:07 PM

Jumb

David Green 19-Apr-2019 4:35 PM

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







## CERTIFICATE OF ANALYSIS

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

Hemp 25mg Classic

Batch ID: 19418 Test ID: 7998808.013 Reported: Method: TM04 22-Apr-2019 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 22-Apr-2019 1:41 PM

**David Green** 22-Apr-2019 2:22 PM

PREPARED BY / DATE

APPROVED BY / DATE

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## CERTIFICATE OF ANALYSIS

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

Hemp 25mg Classic

Batch ID:19418Test ID:7653150.007Reported:22-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**

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Jamie Bunker 22-Apr-2019 9:11 AM

Dunuh

David Green 22-Apr-2019 10:31 AM

PREPARED BY / DATE

APPROVED BY / DATE

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.



Report Date: 21-May-2019

Report Status: Final

# **Certificate of Analysis**

RE BOTANICALS, INC.

Sample Name:	HEMP 25 CLASSIC TINCTURE	Eurofins Sample:	8440040
Project ID	RE_BOTANIC-20190510-0005	Receipt Date	10-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19418	Login Date	10-May-2019
Sample Serving Size		Date Started	10-May-2019
Analysis			Result
Metals Analysis by I	CP-MS		
Arsenic			<0.194 ppm
Cadmium			<0.0485 ppm
Lead			<0.0485 ppm
Mercury			<0.0243 ppm
<del>-</del>	sis for hemp products - 60+ compounds		
Matrix Type - To De	etermine Limit of Quantification (LOQ)		Spices - Botanicals - and other
Abamectin			Specialty Samples <0.05 mg/kg
Aldicarb			<0.05 mg/kg
Aldicarb sulfone (Al	doxycarh)		<0.05 mg/kg
Aldicarb sulfoxide	aoxyourb)		<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-hydro	YV-		<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 d	iastereoisomers)		<0.05 mg/kg
Cyprodinil	,		<0.05 mg/kg
Dichlorvos			<0.05 mg/kg
Diclobutrazol			<0.05 mg/kg
Dipropetryn			<0.05 mg/kg
			5.55 mg/ng

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Project ID	RE_BOTANIC-20190510-0005	Receipt Date	10-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19418	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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RE BOTANICALS, INC.

Sample Name:	HEMP 25 CLASSIC TINCTURE	Eurofins Sample:	8440040
Project ID	RE_BOTANIC-20190510-0005	Receipt Date	10-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19418	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 PI Boulder CO 80301 800-675-8375

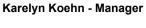


Ian Laessig - Manager

AT-1816

#### Food Integ. Innovation-Greenfield

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





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