

CERTIFICATE OF ANALYSIS

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

Hemp 50mg Classic

Batch ID:

19510

Test ID:

4399961.0015

Reported:

13-May-2019

Method:

TM14

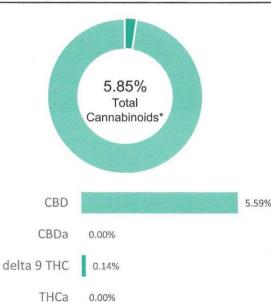
Type:

Concentrate

Test:

Potency

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.05	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.03	0.14	1.4
Cannabidiolic acid (CBDA)	0.07	0.00	0.0
Cannabidiol (CBD)	0.04	5.59	55.9
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.03	0.00	0.0
Cannabinolic Acid (CBNA)	0.07	0.00	0.0
Cannabinol (CBN)	0.03	0.00	0.0
Cannabigerolic acid (CBGA)	0.05	0.00	0.0
Cannabigerol (CBG)	0.03	0.12	1.2
Tetrahydrocannabivarinic Acid (THCVA)	0.05	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.02	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.06	0.00	0.0
Cannabidivarin (CBDV)	0.03	0.00	0.0
Cannabichromenic Acid (CBCA)	0.04	0.00	0.0
Cannabichromene (CBC)	0.05	0.00	0.0
Total Cannabinoids		5.85	58.50
Total Potential THC**		0.14	1.40
Total Potential CBD**		5.59	55.90

NOTES:

N/A

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

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

FINAL APPROVAL

Samantha Small

Sam Smith 13-May-2019 2:37 PM

PREPARED BY / DATE

APPROVED BY / DATE

David Green 13-May-2019 3:00 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

^{*} 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



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Hemp 50mg Classic

Batch ID:

19510

Test ID:

4068174.020

Reported:

13-May-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

alex Smith

Alex Smith 13-May-2019 2:23 PM

Dunuh

David Green 13-May-2019 2:47 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02



CERTIFICATE OF ANALYSIS

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

Hemp 50mg Classic

Batch ID:

19510

Test ID:

5760206.010

Reported:

16-May-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

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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Vicente Contreras 16-May-2019 1:57 PM David Green 16-May-2019 2:45 PM

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.

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^{*} 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.



Report Date: 20-Jun-2019

Report Status: Final

Certificate of Analysis

RE BOTANICALS, INC.

ample Name:	HEMP 50 CLASSIC TINCTURE	Eurofins Sample:	8490381
roject ID	RE_BOTANIC-20190524-0006	Receipt Date	24-May-2019
O Number	CVD	Receipt Condition	Ambient temperature
ot Number	19510	Login Date	24-May-2019
ample Serving Size		Date Started	24-May-2019
Analysis			Result
Metals Analysis b	y ICP-MS		
Arsenic			<0.0674 ppm
Cadmium			<0.0168 ppm
Lead			0.0332 ppm
Mercury			<0.00842 ppm
	alysis for hemp products - 60+ compounds		
	Determine Limit of Quantification (LOQ)		High-Fat Food Matrices
Abamectin			<0.05 mg/kg
Aldicarb			<0.05 mg/kg
Aldicarb sulfone	· · · · · ·		<0.05 mg/kg
Aldicarb sulfoxide	9		<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-hyd	droxy-		<0.05 mg/kg
Chlorantraniliprol	e		<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	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

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Certificate of Analysis

RE BOTANICALS, INC.

Sample Name:	HEMP 50 CLASSIC TINCTURE	Eurofins Sample:	8490381
Project ID	RE_BOTANIC-20190524-0006	Receipt Date	24-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19510	Login Date	24-May-2019
Sample Serving Size		Date Started	24-May-2019

ample Serving Size	Date Started	24-May-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
lmazalil		<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
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Sample Name:	HEMP 50 CLASSIC TINCTURE	Eurofins Sample:	8490381
Project ID	RE_BOTANIC-20190524-0006	Receipt Date	24-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Lot Number	19510	Login Date	24-May-2019
Sample Serving Size		Date Started	24-May-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.

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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



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





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These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins.

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