

## CERTIFICATE OF ANALYSIS

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

Result (%)

0.00

0.13

0.00

Result (mg/g)

0.0

1.3

0.0

Hemp 25mg Classic

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

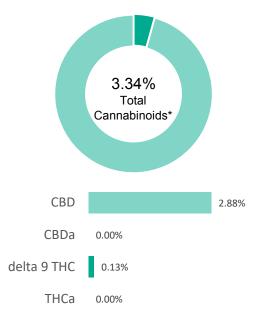
19-Apr-2019 **Method:** TM14

**Type:** Concentrate

Test: Potency

Reported:

## **CANNABINOID PROFILE**



| 0.03 | 2.88   | 28.8  |
|------|--|-------|
| 0.03 | 0.00   | 0.0   |
| 0.09 | 0.15   | 1.5   |
| 0.04 | 0.00   | 0.0   |
| 0.06 | 0.00   | 0.0   |
| 0.03 | 0.07   | 0.7   |
| 0.05 | 0.00   | 0.0   |
| 0.03 | 0.00   | 0.0   |
| 0.06 | 0.00   | 0.0   |
| 0.03 | 0.00   | 0.0   |
| 0.05 | 0.00   | 0.0   |
| 0.06 | 0.11   | 1.1   |
|      | 3.34   | 33.40 |
|      | 0.13   | 1.30  |
|      | 2.88   | 28.80 |
|      | 0.03<br>0.09<br>0.04<br>0.06<br>0.03<br>0.05<br>0.03<br>0.06<br>0.03<br>0.06 | 0.03  |

LOQ (%)

0.06

0.03

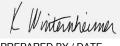
0.06

NOTES:

N/A

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

# FINAL APPROVAL



Karen Winternheimer 19-Apr-2019 4:07 PM

Sumbre

Compound

Delta 9-Tetrahydrocannabinol (Delta 9THC)

Cannabidiolic acid (CBDA)

Delta 9-Tetrahydrocannabinolic acid (THCA-A)

David Green 19-Apr-2019 4:35 PM

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





Certificate #4329.02

<sup>% = % (</sup>w/w) = Percent (Weight of Analyte / Weight of Product)

<sup>\*</sup> 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.



## 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<br>(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<br>(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

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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**

garnister

Jamie Bunker 22-Apr-2019 9:11 AM

Dunch

David Green 22-Apr-2019 10:31 AM

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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 b           | y ICP-MS                                 |                   |   |
| Arsenic                     |  |                   | <0.194 ppm  |
| Cadmium                     |  |                   | <0.0485 ppm   |
| Lead                        |  |                   | <0.0485 ppm   |
| Mercury                     |  |                   | <0.0243 ppm   |
| Multi-Residue Ana           | alysis for hemp products - 60+ compounds |                   |   |
| Matrix Type - To  Abamectin | Determine Limit of Quantification (LOQ)  |                   | Spices - Botanicals - and other<br>Specialty Samples<br><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-hyd            | droxy-                                   |                   | <0.05 mg/kg   |
| Chlorantraniliprol          | -  |                   | <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   |

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| Lot Number          | 19418                    | Login Date        | 10-May-2019         |
| Sample Serving Size |                          | Date Started      | 10-May-2019         |

| ample 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 |
| : 1  | 0 - f 4      |             |

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Report Date: 21-May-2019

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| 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

lan Laessig - Manager

Eurofins Food Chemistry Testing US, Inc. 2830 Wilderness PI 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

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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