CERTIFICATE OF ANALYSIS

| PRODUCT NAME: |
|-------------------|
| PRODUCT STRENGTH: |
| TINCTURE BATCH: |
| BEST BY DATE: |
| HEMP EXTRACT LOT: |

*Certified Organic - Full Spectrum CBD Tincture - Key lime 900 mg per bottle 21253A 03/10/2023 CO727-001

Click on the links to view third-party reports

Physical Atttributes

| Test | Method | Specification | Results |
|-------------------------|----------|---|---------|
| Color | Internal | Golden to Amber | PASS |
| Odor | Internal | Characteristic - Coconut and Hemp, Lime | PASS |
| Appearance | Internal | Golden to Amber oil in brown glass bottle with dropper. | PASS |
| Primary Package Eval. | Internal | Container clean and free of filth. Container caps tight and shrink bands intact | PASS |
| Secondary Package Eval. | Internal | Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure. | PASS |

Review of Third-Party Analysis

| Panel | Method | Specification | Results* | Pass/Fail |
|--|-----------------|--|------------|------------------------------|
| Potency - Total CBD | HPLC-UV DAD | LOQ**: ≥ product strength mg / bottle | 963.62 mg | PASS |
| Potency - D9-THC | HPLC-UV DAD | LOQ: <0.3% total THC (Full spectrum) 0.103% | | PASS |
| Expanded Pesticide Panel | HPLC-QQQ | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract | Below LOQ | PASS |
| Microbial Escherichia coli (STEC) | PCR | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram*** | Absent | PASS |
| Microbial Salmonella | PCR | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram | Absent | PASS |
| Microbial Yeast and Mold | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram | Below LOQ | PASS |
| Microbial Total Coliforms | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram | Below LOQ | PASS |
| Microbial Total Aerobic Count | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10^3 CFU/gram | Below LOQ | PASS |
| Heavy Metals | ICP-MS | Arsenic (As): ≤1.5 ppm† Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm | Below LOQ | PASS |
| Mycotoxins | ICP-MS | Total Aflatoxins <20 ppb†† Afltoxin B1 < 5 ppb Ochratoxin < 5 ppb | Below LOQ | PASS |
| Residual Solvents | GC-HS-MSD | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract | Below LOQ | PASS |
| *Only applies to products with labels clain certified organic **Level of Quantification ***Colony Forming Units per Gram † Parts Per Million †† Part Per Billion | ning | Quality Certified Kayla K | olber Kayl | la Kolber 09/20/2021 Date |

*Only applies to products with labels claiming certified organic **Level of Quantification ***Colony Forming Units per Gram † Parts Per Million †† Part Per Billion

Values expressed in scientific notation.

Examples: 10^2=100 10^3=1,000



| Batch ID or Lot Number: | Test: | Reported: | |
|-------------------------|--|------------------------------------|--------------------|
| C0727-001 | Potency | 8/17/21 | |
| Matrix: | Test ID: | Started: | USDA License: |
| Solution | T000155479 | 8/12/21 | N/A |
| Status: N/A | Method: TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis (Colorado Panel) | Received: 08/05/2021 @ 12:37 PM | Sampler ID: N/A |

CANNABINOID PROFILE

| Compound | LOD (mg/mL) | LOQ (mg/mL) | Result (mg/mL) | Result (mg/g) | Notes |
|--|-------------|-------------|----------------|---------------|---------------------|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 0.132 | 0.438 | ND | ND | Notes |
| Delta 9-Tetrahydrocannabinol (Delta 9THC) | 0.149 | 0.494 | 0.970 | 1.03 | Density = 0.945g/mL |
| Cannabidiolic acid (CBDA) | 0.220 | 0.524 | ND | ND | |
| Cannabidiol (CBD) | 0.214 | 0.511 | 32.121 | 33.99 | |
| Delta 8-Tetrahydrocannabinol (Delta 8THC) | 0.164 | 0.544 | ND | ND | |
| Cannabinolic Acid (CBNA) | 0.094 | 0.312 | ND | ND | |
| Cannabinol (CBN) | 0.043 | 0.143 | 0.098* | 0.1* | |
| Cannabigerolic acid (CBGA) | 0.138 | 0.457 | ND | ND | |
| Cannabigerol (CBG) | 0.033 | 0.109 | 2.561 | 2.71 | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.116 | 0.386 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.030 | 0.099 | ND | ND | |
| Cannabidivarinic Acid (CBDVA) | 0.092 | 0.218 | ND | ND | |
| Cannabidivarin (CBDV) | 0.051 | 0.121 | 0.183 | 0.19 | |
| Cannabichromenic Acid (CBCA) | 0.053 | 0.176 | ND | ND | |
| Cannabichromene (CBC) | 0.058 | 0.192 | ND | ND | |
| Total Cannabinoids | | | 35.933 | 38.02 | |
| Total Potential THC** | | | 0.970 | 1.03 | |
| Total Potential CBD** | | | 32.121 | 33.99 | |

Daniel Wardanson

17-Aug-2021 01:50 PM

of Buil

APPROVED BY / DATE

Taylor Brevik

17-Aug-21

1:56 PM

PREPARED BY / DATE

Definitions

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

* Indicates a value below the Limit of Quantitiation (LOQ) and above the Limit of Detection (LOD).

Daniel Weidensaul

** 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))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected. ND = None Detected (Defined by Dynamic Range of the method)

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.







| Batch ID or Lot Number: | Test: | Reported: | |
|-------------------------|------------------------|-----------------------|---------------|
| C0727-001 | Pesticides | 8/11/21 | |
| Matrix: | Test ID: | Started: | USDA License: |
| Concentrate | T000155480 | 8/10/21 | N/A |
| Status: | Method: | Received: | Sampler ID: |
| N/A | TM17(LC-QQQ LC MS/MS): | 08/05/2021 @ 12:37 PM | N/A |

PESTICIDE DETERMINATION

| Compound | LOQ (ppm) | Result (ppm) | Compound | LOQ (ppm) | Result (ppm) | Compound | LOQ (ppm) | Result (ppm) |
|---------------------|-----------|--------------|-----------------|-----------|--------------|-----------------|-----------|--------------|
| Acephate | 54 | ND | Fenoxycarb | 54 | ND | Paclobutrazol | 54 | ND |
| Acetamiprid | 54 | ND | Fipronil | 54 | ND | Permethrin | 324 | ND |
| Avermectin | 324 | ND | Flonicamid | 54 | ND | Phosmet | 54 | ND |
| Azoxystrobin | 54 | ND | Fludioxonil | 324 | ND | Prophos | 324 | ND |
| Bifenazate | 54 | ND | Hexythiazox | 54 | ND | Propoxur | 54 | ND |
| Boscalid | 54 | ND | Imazalil | 324 | ND | Pyridaben | 324 | ND |
| Carbaryl | 54 | ND | Imidacloprid | 54 | ND | Spinosad A | 54 | ND |
| Carbofuran | 54 | ND | Kresoxim-methyl | 150 | ND | Spinosad D | 324 | ND |
| Chlorantraniliprole | 54 | ND | Malathion | 324 | ND | Spiromesifen | 324 | ND |
| Chlorpyrifos | 500 | ND | Metalaxyl | 54 | ND | Spirotetramat | 324 | ND |
| Clofentezine | 324 | ND | Methiocarb | 54 | ND | Spiroxamine 1 | 54 | ND |
| Diazinon | 324 | ND | Methomyl | 54 | ND | Spiroxamine 2 | 54 | ND |
| Dichlorvos | 324 | ND | MGK 264 1 | 324 | ND | Tebuconazole | 324 | ND |
| Dimethoate | 54 | ND | MGK 264 2 | 324 | ND | Thiacloprid | 54 | ND |
| E-Fenpyroximate | 324 | ND | Myclobutanil | 54 | ND | Thiamethoxam | 54 | ND |
| Etofenprox | 54 | ND | Naled | 54 | ND | Trifloxystrobin | 54 | ND |
| Etoxazole | 324 | ND | Oxamyl | 1500 | ND | | | |

 Taylor Brevik
 Sam Smith

 8/11/2021
 8/11/2021

 4:08:00 PM
 APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification ppb = Parts per Billion

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OFTKL900

| Batch ID or Lot Number: 21253A | ^{Test:} Microbial Contaminants | Reported: 9/17/21 | |
|-----------------------------------|---|------------------------------------|----------------------|
| Matrix: Finished Product | Test ID: T000162986 | Started: 9/14/21 | USDA License: N/A |
| Status: N/A | Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel) | Received: 09/13/2021 @ 01:14 PM | Sampler ID: N/A |

MICROBIAL CONTAMINANTS DETERMINATION

| Contaminant | Method | LOD | LLOQ | ULOQ | Result | Notes |
|-----------------------|------------------------|------------|------------|----------------|---------------|---|
| Total Aerobic Count* | TM-26, Culture Plating | 10^2 CFU/g | 10^3 CFU/g | 1.5x10^5 CFU/g | None Detected | Free from visual mold, mildew, and foreign |
| Total Coliforms* | TM-27, Culture Plating | 10^2 CFU/g | 10^2 CFU/g | 1.5x10^4 CFU/g | None Detected | matter |
| Total Yeast and Mold* | TM-24, Culture Plating | 10^2 CFU/g | 10^2 CFU/g | 1.5x10^4 CFU/g | None Detected | |
| E. coli (STEC) | TM-25, PCR | 1 CFU/25 g | NA | NA | Absent | |
| Salmonella | TM-25, PCR | 1 CFU/25 g | NA | NA | Absent | |

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PREPARED BY / DATE

Jackson Osaghae-Nosa 9/17/2021 11:01:00 AM

Tori King

9/17/2021 3:54:00 PM

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

* 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



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| Batch ID or Lot Number: | ^{Test:} | Reported: | |
|-------------------------|---|--|--------------------|
| C0727-001 | Residual Solvents | 8/12/21 | |
| Matrix: | Test ID: | Started: | USDA License: |
| N/A | T000155483 | 8/11/21 | N/A |
| Status: N/A | Methods: TM04 (GC-MS): Residual Solver (Colorado Panel) | Received: nts 08/05/2021 @ 12:37 PM | Sampler ID: N/A |

RESIDUAL SOLVENTS DETERMINATION

| Solvent | Dynamic Range (ppm) | Result (ppm) | Notes |
|----------------------------------|---------------------|--------------|-------|
| Propane | 79 - 1585 | *ND | |
| Butanes (Isobutane, n-Butane) | 149 - 2976 | *ND | |
| Methanol | 55 - 1102 | *ND | |
| Pentane | 81 - 1628 | *ND | |
| Ethanol | 87 - 1740 | *ND | |
| Acetone | 90 - 1792 | *ND | |
| Isopropyl Alcohol | 99 - 1978 | *ND | |
| Hexane | 6 - 110 | *ND | |
| Ethyl Acetate | 91 - 1819 | *ND | |
| Benzene | 0 - 4 | *ND | |
| Heptanes | 86 - 1728 | *ND | |
| Toluene | 16 - 329 | *ND | |
| Xylenes (m,p,o-Xylenes) | 121 - 2429 | *ND | |

Winternheimen

Karen Winternheimer 12-Aug-21 3:07 PM

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APPROVED BY / DATE

Ryan Weems 12-Aug-21 3:09 PM

PREPARED BY / DATE

Definitions

Laboratories, LLC.

* ND = None Detected (Defined by Dynamic Range of the method)



CDPHE Certified



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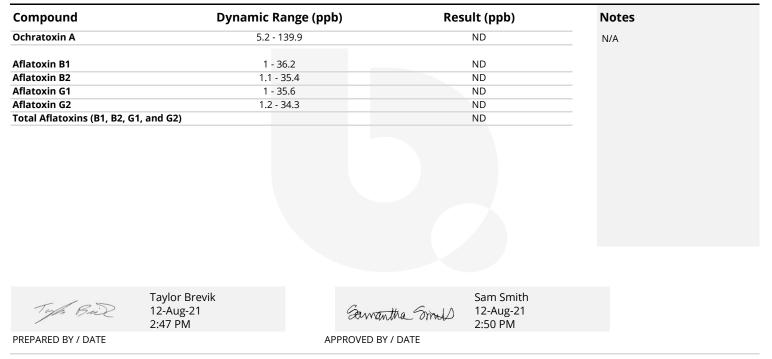


Official Compliance: Colorado CERTIFICATE OF ANALYSIS

27275

| Batch ID or Lot Number: C0727-001 | ^{Test:} Mycotoxins | Reported: 8/12/21 | Location: 1250 S Capital of Texas Highway, B լ West Lake Hills, TX 78746-6446 | uildir |
|---|---|------------------------------------|---|--------|
| Matrix: Concentrate | Test ID: T000155484 | Started: 8/11/21 | USDA License: N/A | |
| Status: N/A | Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel) | Received: 08/05/2021 @ 12:37 PM | Sampler ID: N/A | |

MYCOTOXIN DETERMINATION



Definitions

LLC.

ND = None Detected (Defined by Dynamic Range of the method)





| Batch ID or Lot Number: | Test: | Reported: | |
|-------------------------|--|------------------------------------|--------------------|
| C0727-001 | Metals | 8/13/21 | |
| Matrix: | Test ID: | Started: | USDA License: |
| Unit Co | T000155482 | 8/12/21 | N/A |
| Status: N/A | Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel) | Received: 08/05/2021 @ 12:37 PM | Sampler ID: N/A |

HEAVY METALS DETERMINATION

| Arsenic 0.044 - 4.39 ND Cadmium 0.048 - 4.78 ND Mercury 0.044 - 4.38 ND Lead 0.044 - 4.38 ND | Compound | 3 | Dynamic Range (| opb) | Result (ppb) | Notes |
|--|----------------|---------|-----------------|------|--------------|-------|
| Mercury 0.044 - 4.38 ND | Arsenic | | 0.044 - 4.39 | | ND | |
| | | | 0.048 - 4.78 | | ND | |
| Lead 0.044 - 4.38 ND | Mercury | | 0.044 - 4.38 | | ND | |
| | Lead | | 0.044 - 4.38 | | ND | |
| | | | | | | |
| | Samantha Smoll | 1:11 PM | | | | |
| PREPARED BY / DATE APPROVED BY / DATE | | 1:11 PM | ٨٥ | | 1:14 PM | |

Definitions

Laboratories, LLC.

ND = None Detected (Defined by Dynamic Range of the method)





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