

Prepared for:

FUNCTION BOTANICALS

4 EAST 62ND STREET, 2ND FLOOR NEW YORK, NY USA 10065

2400mg Full Spectrum Oil

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|-------------------------|-----------------|-----------|---------------|
| TB-33421-B3 | Potency | 03Aug2022 | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Unit | T000216019 | 02Aug2022 | N/A |
| | Method(s): | Received: | Status: |
| | TM14 (HPLC-DAD) | 29Jul2022 | N/A |

| Cannabinoids | LOD (mg) | LOQ (mg) | Result (mg) | Result (mg/g) | Notes |
|--|----------|----------|-------------|---------------|--------------------|
| Cannabichromene (CBC) | 1.439 | 4.860 | 101.720 | 3.40 | # of Servings = 1, |
| Cannabichromenic Acid (CBCA) | 1.316 | 4.445 | ND | ND | Sample Weight=30g |
| Cannabidiol (CBD) | 6.043 | 15.297 | 2426.460 | 80.90 | |
| Cannabidiolic Acid (CBDA) | 6.198 | 15.689 | ND | ND | |
| Cannabidivarin (CBDV) | 1.429 | 3.618 | 3.000 | 0.10 | |
| Cannabidivarinic Acid (CBDVA) | 2.586 | 6.545 | ND | ND | |
| Cannabigerol (CBG) | 0.817 | 2.759 | 656.770 | 21.90 | |
| Cannabigerolic Acid (CBGA) | 3.416 | 11.536 | ND | ND | |
| Cannabinol (CBN) | 1.066 | 3.600 | 58.560 | 2.00 | |
| Cannabinolic Acid (CBNA) | 2.331 | 7.870 | ND | ND | |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 4.070 | 13.743 | 16.160 | 0.50 | |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 3.696 | 12.481 | 66.230 | 2.20 | |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 3.275 | 11.058 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.743 | 2.510 | 2.670 | 0.10 | |
| Tetrahydrocannabivarinic Acid (THCVA) | 2.888 | 9.754 | ND | ND | |
| Total Cannabinoids | | | 3331.570 | 111.05 | • |
| Total Potential THC | | | 66.230 | 2.21 | |
| Total Potential CBD | | | 2426.460 | 80.88 | |

Final Approval

PREPARED BY / DATE

Danuel Wardanson

Daniel Weidensaul 03Aug2022 05:06:00 PM MDT

APPROVED BY / DATE

Jacob Miller 03Aug2022 05:08:00 PM MDT



https://results.botanacor.com/api/v1/coas/uuid/69a23bf1-f3db-412d-8406-459f8bd05552

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).

Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).

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 17025:2017 Accredited by A2LA.







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Prepared for:

FUNCTION BOTANICALS

4 EAST 62ND STREET, 2ND FLOOR NEW YORK, NY USA 10065

2400mg Full Spectrum Oil

| Batch ID or Lot Number: Test: 7-33421-B4 Pesticides | | Reported: 07Mar2022 | USDA License: NA |
|--|-----------------------|----------------------------|---------------------|
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000195547 | 03Mar2022 | NA |
| | Method(s): | Received: | Status: |
| | TM17 (LC-QQ LC MS/MS) | 02Mar2022 | NA |

| Pesticides | Dynamic Range (ppb) | Result (ppb) |
|---------------------|----------------------------|--------------|
| Abamectin | 289 - 2640 | ND |
| Acephate | 46 - 2835 | ND |
| Acetamiprid | 36 - 2772 | ND |
| Azoxystrobin | 46 - 2696 | ND |
| Bifenazate | 42 - 2669 | ND |
| Boscalid | 61 - 2650 | ND |
| Carbaryl | 40 - 2720 | ND |
| Carbofuran | 42 - 2674 | ND |
| Chlorantraniliprole | 42 - 2669 | ND |
| Chlorpyrifos | 45 - 2713 | ND |
| Clofentezine | 296 - 2575 | ND |
| Diazinon | 275 - 2715 | ND |
| Dichlorvos | 281 - 2810 | ND |
| Dimethoate | 41 - 2749 | ND |
| E-Fenpyroximate | 291 - 2717 | ND |
| Etofenprox | 44 - 2713 | ND |
| Etoxazole | 294 - 2711 | ND |
| Fenoxycarb | 43 - 2725 | ND |
| Fipronil | 29 - 2620 | ND |
| Flonicamid | 43 - 2678 | ND |
| Fludioxonil | 290 - 2675 | ND |
| Hexythiazox | 43 - 2722 | ND |
| Imazalil | 254 - 2808 | ND |
| Imidacloprid | 48 - 2760 | ND |
| Kresoxim-methyl | 54 - 2787 | ND |

| | Dynamic Range (ppb) | Result (ppb) |
|-----------------|----------------------------|--------------|
| Malathion | 281 - 2743 | ND |
| Metalaxyl | 47 - 2720 | ND |
| Methiocarb | 43 - 2654 | ND |
| Methomyl | 43 - 2776 | ND |
| MGK 264 1 | 181 - 1611 | ND |
| MGK 264 2 | 131 - 1090 | ND |
| Myclobutanil | 42 - 2588 | ND |
| Naled | 44 - 2738 | ND |
| Oxamyl | 45 - 2740 | ND |
| Paclobutrazol | 48 - 2614 | ND |
| Permethrin | 306 - 2736 | ND |
| Phosmet | 46 - 2770 | ND |
| Prophos | 257 - 2699 | ND |
| Propoxur | 41 - 2737 | ND |
| Pyridaben | 297 - 2705 | ND |
| Spinosad A | 32 - 2250 | ND |
| Spinosad D | 44 - 501 | ND |
| Spiromesifen | 272 - 2768 | ND |
| Spirotetramat | 310 - 2731 | ND |
| Spiroxamine 1 | 16 - 1123 | ND |
| Spiroxamine 2 | 22 - 1503 | ND |
| Tebuconazole | 290 - 2698 | ND |
| Thiacloprid | 37 - 2796 | ND |
| Thiamethoxam | 43 - 2752 | ND |
| Trifloxystrobin | 44 - 2713 | ND |

Final Approval

07 12

PREPARED BY / DATE

Daniel Weidensaul 07Mar2022 12:19:00 PM MST

Samantha Smill

Sam Smith 07Mar2022 12:22:00 PM MST



APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/4e648057-c73e-4e20-98aa-fd999ac67ac5

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
ppb = Parts Per Billion

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.







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FUNCTION BOTANICALS

4 EAST 62ND STREET, 2ND FLOOR NEW YORK, NY USA 10065

2400mg Full Spectrum Oil

| Batch ID or Lot Number: T-33421-B4 | Test: Heavy Metals | Reported: 04Mar2022 | USDA License: NA |
|---|------------------------------|----------------------------|---------------------|
| Matrix: | Test ID: | Started: | Sampler ID: |
| Unit | T000195547 | 03Mar2022 | NA |
| | Method(s): | Received: | Status: |
| | TM19 (ICP-MS): Heavy Metals | 02Mar2022 | NA |

| Heavy Metals | Dynamic Range (ppm) | Result (ppm) | Notes | |
|--------------|----------------------------|--------------|-------|--|
| Arsenic | 0.04 - 4.45 | ND | | |
| Cadmium | 0.04 - 4.40 | ND | | |
| Mercury | 0.04 - 4.40 | ND | | |
| Lead | 0.04 - 4.26 | ND | | |

Final Approval

Ryan Weems 04Mar2022

PREPARED BY / DATE

11:35:00 AM MST

APPROVED BY / DATE

Sam Smith 04Mar2022 11:38:00 AM MST



https://results.botanacor.com/api/v1/coas/uuid/68245f52-7b2d-4e0f-b6d8-207f3ab8ba72

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Prepared for:

FUNCTION BOTANICALS

4 EAST 62ND STREET, 2ND FLOOR NEW YORK, NY USA 10065

2400mg Full Spectrum Oil

| Batch ID or Lot Number: T-33421-B4 | Test: | Reported: | USDA License: |
|---|---------------------------------|------------------|---------------|
| | Residual Solvents | 04Mar2022 | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000195547 | 04Mar2022 | N/A |
| | Method(s): | Received: | Status: |
| | TM04 (GC-MS): Residual Solvents | 02Mar2022 | N/A |

| Residual Solvents | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane | 95 - 1899 | ND | |
| Butanes (Isobutane, n-Butane) | 192 - 3832 | ND | |
| Methanol | 56 - 1121 | ND | |
| Pentane | 100 - 2008 | ND | |
| Ethanol | 80 - 1604 | ND | |
| Acetone | 98 - 1963 | ND | |
| Isopropyl Alcohol | 91 - 1817 | ND | |
| Hexane | 7 - 137 | ND | |
| Ethyl Acetate | 105 - 2104 | ND | |
| Benzene | 0.2 - 3.9 | ND | |
| Heptanes | 101 - 2026 | ND | |
| Toluene | 16 - 322 | ND | |
| Xylenes (m,p,o-Xylenes) | 106 - 2115 | ND | |
| | | | |

Final Approval



Hannah Wright 05Mar2022 05:23:00 PM MST

APPROVED BY / DATE

Daniel Weidensaul 05Mar2022 05:29:00 PM MST



https://results.botanacor.com/api/v1/coas/uuid/302a2d79-4832-4e98-8574-bf9e86b7096f

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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FUNCTION BOTANICALS

4 EAST 62ND STREET, 2ND FLOOR NEW YORK, NY USA 10065

2400mg Full Spectrum Oil

| Batch ID or Lot Number: T-33421-B4 | | | USDA License: NA |
|---|---|-----------|---------------------|
| Matrix: | Test ID: | Started: | Sampler ID: |
| Finished Product | T000195547 | 03Mar2022 | NA |
| | Method(s): | Received: | Status: |
| | TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating) | 02Mar2022 | NA |

| Microbial | | | Quantitation | | |
|-----------------------|--------------------------|-----------------------|---|---------------|---|
| Contaminants | Method | LOD | Range | Result | Notes |
| STEC | TM25: PCR | 10 ⁰ CFU/g | NA | Absent | Free from visual mold, mildew, and foreign matter |
| Salmonella | TM25: PCR | 10 ⁰ CFU/g | NA | Absent | None Detected |
| Total Yeast and Mold* | TM24: Culture Plating | 10 ¹ CFU/g | 1.0x10 ² - 1.5x10 ⁴ | None Detected | None Detected |
| Total Aerobic Count* | TM26: Culture Plating | 10 ² CFU/g | 1.0x10 ³ - 1.5x10 ⁵ | None Detected | |
| Total Coliforms* | TM27: Culture Plating | 10 ¹ CFU/g | 1.0x10 ² - 1.5x10 ⁴ | None Detected | |

Final Approval

PREPARED BY / DATE

Carly Bade

Carly Bader 06Mar2022 12:22:00 PM MST

Eden Thompson

Eden Thompson-Wright 07Mar2022 09:40:00 AM MST



APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/bf7981e1-b800-4394-8cc4-48e4b3b8dbe2

Definitions

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU

CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection

ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation

STEC = Shiga Toxin-Producing E. coli

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