

Prepared for:

1000mg Full Spectrum Hemp Extract/Active Cannabinoids/CBD Oil Mint

ASPEN GREEN


| | | | |
|--|-------------------------|-----------------------------|---|
| Batch ID or Lot Number: AG-2110-1M | Test: Potency | Reported: 11/4/21 | Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620 |
|--|-------------------------|-----------------------------|---|


| | | | |
|-----------------|------------------------|----------------------|----------------------|
| Matrix: Unit | Test ID: T000172641 | Started: 10/29/21 | USDA License: N/A |
|-----------------|------------------------|----------------------|----------------------|

| | | | |
|----------------|--|------------------------------------|--------------------|
| Status: N/A | Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel) | Received: 10/29/2021 @ 12:35 PM | Sampler ID: N/A |
|----------------|--|------------------------------------|--------------------|

CANNABINOID PROFILE

| Compound | LOD (mg) | LOQ (mg) | Result (mg) | Result (mg/g) | Notes |
|--|----------|----------|-----------------|---------------|--|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 4.028 | 13.399 | ND | ND | # of Servings = 1 Sample Weight=28.4g |
| Delta 9-Tetrahydrocannabinol (Delta 9THC) | 4.546 | 15.123 | 32.818 | 1.16 | |
| Cannabidiolic acid (CBDA) | 5.069 | 16.505 | 8.121* | 0.29* | |
| Cannabidiol (CBD) | 4.943 | 16.092 | 1061.093 | 37.36 | |
| Delta 8-Tetrahydrocannabinol (Delta 8THC) | 5.006 | 16.652 | ND | ND | |
| Cannabinolic Acid (CBNA) | 2.867 | 9.536 | ND | ND | |
| Cannabinol (CBN) | 1.311 | 4.362 | ND | ND | |
| Cannabigerolic acid (CBGA) | 4.202 | 13.977 | ND | ND | |
| Cannabigerol (CBG) | 1.005 | 3.343 | 15.491 | 0.55 | |
| Tetrahydrocannabivarinic Acid (THCVA) | 3.553 | 11.818 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.914 | 3.041 | ND | ND | |
| Cannabidivarinic Acid (CBDVA) | 2.115 | 6.885 | ND | ND | |
| Cannabidivarin (CBDV) | 1.169 | 3.806 | 3.712* | 0.13* | |
| Cannabichromenic Acid (CBCA) | 1.619 | 5.386 | ND | ND | |
| Cannabichromene (CBC) | 1.770 | 5.889 | 40.253 | 1.42 | |
| Total Cannabinoids | | | 1161.488 | 40.90 | |
| Total Potential THC** | | | 32.818 | 1.16 | |
| Total Potential CBD** | | | 1068.215 | 37.61 | |

 Karen Winternheimer
04-Nov-2021
01:21 PM

 Ryan Weems
4-Nov-21
1:51 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

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

** 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)

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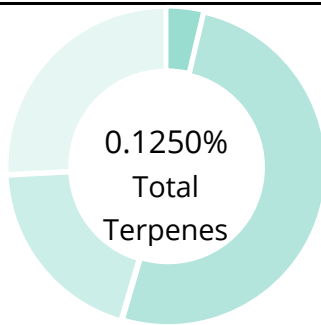
CDPHE Certified



Certificate #4329.02

1000mg Full Spectrum Hemp Extract/Active Cannabinoids/CBD Oil Mint

| | | | |
|------------------|--------------|-------------------|-----------------------|
| Batch ID: | AG-2110-1M | Test ID: | T000175155 |
| Type: | Concentrate | Submitted: | 11/08/2021 @ 10:45 AM |
| Test: | Terpenes | Started: | 11/11/2021 |
| Method: | TM22 (GC-MS) | Reported: | 11/12/2021 |

TERPENE PROFILE



| Compound | %(w/w) | mg/g |
|-------------------------|---------------|--------------|
| (-)-alpha-Bisabolol | 0.0280 | 0.280 |
| Camphene | 0.0000 | 0.000 |
| delta-3-Carene | 0.0000 | 0.000 |
| beta-Caryophyllene | 0.0552 | 0.552 |
| (-)-Caryophyllene Oxide | 0.0123 | 0.123 |
| p-Cymene | 0.0000 | 0.000 |
| Eucalyptol | 0.0000 | 0.000 |
| Geraniol | 0.0000 | 0.000 |
| alpha-Humulene | 0.0213 | 0.213 |
| (-)-Isopulegol | 0.0000 | 0.000 |
| d-Limonene | 0.0000 | 0.000 |
| Linalool | 0.0040 | 0.040 |
| beta-Myrcene | 0.0000 | 0.000 |
| cis-Nerolidol | 0.0000 | 0.000 |
| trans-Nerolidol | 0.0042 | 0.042 |
| Ocimene | 0.0000 | 0.000 |
| beta-Ocimene | 0.0000 | 0.000 |
| alpha-Pinene | 0.0000 | 0.000 |
| (-)-beta-Pinene | 0.0000 | 0.000 |
| alpha-Terpinene | 0.0000 | 0.000 |
| gamma-Terpinene | 0.0000 | 0.000 |
| Terpinolene | 0.0000 | 0.000 |
| | 0.1250 | 1.250 |

PREDOMINANT TERPENES


| | |
|---------------------|--------|
| alpha-Pinene | 0.0000 |
| (-)-beta-Pinene | 0.0000 |
| beta-Myrcene | 0.0000 |
| delta-3-Carene | 0.0000 |
| alpha-Terpinene | 0.0000 |
| d-Limonene | 0.0000 |
| Linalool | 0.0040 |
| beta-Caryophyllene | 0.0552 |
| alpha-Humulene | 0.0213 |
| (-)-alpha-Bisabolol | 0.0280 |

NOTES:

N/A

FINAL APPROVAL


Jacob Miller
12-Nov-2021
3:08 PM



Daniel Weidensaul
12-Nov-2021
3:13 PM

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APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC. 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


Prepared for:

**1000mg Full Spectrum Hemp Extract/Active
Cannabinoids/CBD Oil Mint**
ASPEN GREEN

| | | | |
|--|-----------------------------------|------------------------------------|---|
| Batch ID or Lot Number: AG-2110-1M | Test: Pesticides | Reported: 11/5/21 | Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620 |
| Matrix: Concentrate | Test ID: T000172642 | Started: 11/4/21 | USDA License: N/A |
| Status: N/A | Method: TM17(LC-QQQ LC MS/MS): | Received: 10/29/2021 @ 12:35 PM | Sampler ID: N/A |

PESTICIDE DETERMINATION

| Compound | LOQ (ppb) | Result (ppb) | Compound | LOQ (ppb) | Result (ppb) | Compound | LOQ (ppb) | Result (ppb) |
|---------------------|-----------|--------------|-----------------|-----------|--------------|-----------------|-----------|--------------|
| Acephate | 46 | ND | Fenoxycarb | 44 | ND | Paclobutrazol | 44 | ND |
| Acetamiprid | 40 | ND | Fipronil | 65 | ND | Permethrin | 296 | ND |
| Avermectin | 324 | ND | Flonicamid | 52 | ND | Phosmet | 43 | ND |
| Azoxystrobin | 44 | ND | Fludioxonil | 284 | ND | Prophos | 277 | ND |
| Bifenazate | 42 | ND | Hexythiazox | 40 | ND | Propoxur | 43 | ND |
| Boscalid | 41 | ND | Imazalil | 276 | ND | Pyridaben | 289 | ND |
| Carbaryl | 40 | ND | Imidacloprid | 38 | ND | Spinosad A | 35 | ND |
| Carbofuran | 43 | ND | Kresoxim-methyl | 150 | ND | Spinosad D | 54 | ND |
| Chlorantraniliprole | 51 | ND | Malathion | 283 | ND | Spiromesifen | 282 | ND |
| Chlorpyrifos | 500 | ND | Metalaxyl | 45 | ND | Spirotetramat | 261 | ND |
| Clofentezine | 292 | ND | Methiocarb | 43 | ND | Spiroxamine 1 | 20 | ND |
| Diazinon | 275 | ND | Methomyl | 41 | ND | Spiroxamine 2 | 24 | ND |
| Dichlorvos | 284 | ND | MGK 264 1 | 172 | ND | Tebuconazole | 293 | ND |
| Dimethoate | 41 | ND | MGK 264 2 | 123 | ND | Thiacloprid | 43 | ND |
| E-Fenpyroximate | 267 | ND | Myclobutanil | 39 | ND | Thiamethoxam | 42 | ND |
| Etofenprox | 42 | ND | Naled | 49 | ND | Trifloxystrobin | 44 | ND |
| Etoxazole | 300 | ND | Oxamyl | 1500 | ND | | | |


 Sam Smith
 11/5/2021
 11:03:00 AM


 Karen Winternheimer
 11/5/2021
 11:06:00 AM

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APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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ASPEN GREEN

1000mg Full Spectrum Hemp Extract/Active Cannabinoids/CBD Oil Mint


| | | | |
|--|--|------------------------------------|---|
| Batch ID or Lot Number: AG-2110-1M | Test: Metals | Reported: 11/3/21 | Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620 |
| Matrix: Unit Co | Test ID: T000172644 | Started: 11/2/21 | USDA License: N/A |
| Status: N/A | Method: TM19 (ICP-MS): Heavy Metals (Colorado Panel) | Received: 10/29/2021 @ 12:35 PM | Sampler ID: N/A |

HEAVY METALS DETERMINATION

| Compound | Dynamic Range (ppm) | Result (ppm) | Notes |
|----------|---------------------|--------------|-------|
| Arsenic | 0.043 - 4.32 | ND | |
| Cadmium | 0.044 - 4.40 | ND | |
| Mercury | 0.042 - 4.24 | ND | |
| Lead | 0.043 - 4.32 | ND | |

 Daniel Weidensaul
3-Nov-21
1:24 PM

PREPARED BY / DATE

 Sam Smith
3-Nov-21
1:26 PM

APPROVED BY / DATE

Definitions

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

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Prepared for:
ASPEN GREEN
**1000mg Full Spectrum Hemp Extract/Active
 Cannabinoids/CBD Oil Mint**

| | | | |
|--|---|------------------------------------|---|
| Batch ID or Lot Number: AG-2110-1M | Test: Microbial Contaminants | Reported: 11/7/21 | Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620 |
| Matrix: Finished Product | Test ID: T000172643 | Started: 11/1/21 | USDA License: N/A |
| Status: N/A | Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel) | Received: 10/29/2021 @ 12:35 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 matter |
| Total Coliforms* | TM-27, Culture Plating | 10 ¹ CFU/g | 10 ² CFU/g | 1.5x10 ⁴ CFU/g | None Detected | |
| Total Yeast and Mold* | TM-24, Culture Plating | 10 ¹ 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 | |


 Brett Hudson
 11/7/2021
 9:04:00 AM

PREPARED BY / DATE


 Courtney Richards
 11/7/2021
 10:44:00 AM

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:
 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU

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Prepared for:
ASPEN GREEN

1000mg Full Spectrum Hemp Extract/Active Cannabinoids/CBD Oil Mint


Batch ID or Lot Number: **AG-2110-1M** Test: **Residual Solvents** Reported: **11/3/21** Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620

Matrix: N/A Test ID: T000172645 Started: 11/2/21 USDA License: N/A

Status: N/A Methods: TM04 (GC-MS): Residual Solvents (Colorado Panel) Received: 10/29/2021 @ 12:35 PM Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

| Solvent | Dynamic Range (ppm) | Result (ppm) | Notes |
|----------------------------------|---------------------|--------------|-------|
| Propane | 83 - 1659 | *ND | |
| Butanes (Isobutane, n-Butane) | 164 - 3278 | *ND | |
| Methanol | 65 - 1306 | *ND | |
| Pentane | 93 - 1860 | *ND | |
| Ethanol | 97 - 1950 | *ND | |
| Acetone | 104 - 2077 | *ND | |
| Isopropyl Alcohol | 111 - 2213 | *ND | |
| Hexane | 6 - 110 | *ND | |
| Ethyl Acetate | 112 - 2240 | *ND | |
| Benzene | 0.2 - 4.4 | *ND | |
| Heptanes | 102 - 2032 | *ND | |
| Toluene | 19 - 372 | *ND | |
| Xylenes (m,p,o-Xylenes) | 137 - 2746 | *ND | |

 Hannah Wright
3-Nov-21
1:18 PM

 Ryan Weems
3-Nov-21
1:19 PM

PREPARED BY / DATE

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Definitions

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**1000mg Full Spectrum Hemp Extract/Active
Cannabinoids/CBD Oil Mint**

Prepared for:
ASPEN GREEN


| | | | |
|--|---|------------------------------------|---|
| Batch ID or Lot Number: AG-2110-1M | Test: Mycotoxins | Reported: 11/3/21 | Location: 26 AVONDALE LANE #216B BEAVER CREEK, CO 81620 |
| Matrix: Concentrate | Test ID: T000172646 | Started: 11/2/21 | USDA License: N/A |
| Status: N/A | Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel) | Received: 10/29/2021 @ 12:35 PM | Sampler ID: N/A |

MYCOTOXIN DETERMINATION

| Compound | Dynamic Range (ppb) | Result (ppb) | Notes |
|--|---------------------|--------------|-------|
| Ochratoxin A | 4.4 - 123.7 | ND | N/A |
| Aflatoxin B1 | 1.1 - 31.7 | ND | |
| Aflatoxin B2 | 0.9 - 32.6 | ND | |
| Aflatoxin G1 | 1.2 - 32.3 | ND | |
| Aflatoxin G2 | 1.2 - 30.1 | ND | |
| Total Aflatoxins (B1, B2, G1, and G2) | | ND | |

 Ryan Weems
3-Nov-21
1:10 PM

PREPARED BY / DATE

 Sam Smith
3-Nov-21
1:13 PM

APPROVED BY / DATE

Definitions

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