

CERTIFICATE OF ANALYSIS

Prepared for:
ASPEN GREEN

26 AVONDALE LANE #216B
BEAVER CREEK, CO USA 81620

Calm-lemon Gummies

| | | | |
|---|--|-------------------------------|----------------------|
| Batch ID or Lot Number: AG-2311-CLG | Test: Potency | Reported: 10Dec2023 | USDA License: N/A |
| Matrix: Unit | Test ID: T000264445 | Started: 08Dec2023 | Sampler ID: N/A |
| | Method(s): TM14 (HPLC-DAD): Potency - Broad Spectrum Analysis, 0.01% THC | Received: 07Dec2023 | Status: Active |

Cannabinoids

| | LOD (mg) | LOQ (mg) | Result (mg) | Result (mg/g) | Notes |
|--|----------|----------|---------------|---------------|--|
| Cannabichromene (CBC) | 0.383 | 1.259 | 2.495 | 0.49 | # of Servings = 1 Sample Weight=5.102g |
| Cannabichromenic Acid (CBCA) | 0.350 | 1.152 | ND | ND | |
| Cannabidiol (CBD) | 1.030 | 3.171 | 25.288 | 4.96 | |
| Cannabidiolic Acid (CBDA) | 1.056 | 3.252 | ND | ND | |
| Cannabidivarin (CBDV) | 0.244 | 0.750 | ND | ND | |
| Cannabidivarinic Acid (CBDVA) | 0.441 | 1.357 | ND | ND | |
| Cannabigerol (CBG) | 0.217 | 0.715 | 1.069 | 0.21 | |
| Cannabigerolic Acid (CBGA) | 0.909 | 2.989 | ND | ND | |
| Cannabinol (CBN) | 0.284 | 0.933 | ND | ND | |
| Cannabinolic Acid (CBNA) | 0.620 | 2.039 | ND | ND | |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 1.083 | 3.561 | ND | ND | |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.164 | 0.539 | 2.036 | 0.40 | |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.145 | 0.478 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.198 | 0.650 | ND | ND | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.768 | 2.527 | ND | ND | |
| Total Cannabinoids | | | 30.888 | 6.06 | |
| Total Potential THC | | | 2.036 | 0.40 | |
| Total Potential CBD | | | 25.288 | 4.96 | |

Final Approval



Karen Winternheimer
10Dec2023
10:29:00 AM MST

PREPARED BY / DATE



Sam Smith
10Dec2023
10:30:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/6b99b69d-f759-45f2-b1f5-3564bd256750>

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-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02

CDPHE Certified

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ASPEN GREEN

26 AVONDALE LANE #216B
BEAVER CREEK, CO USA 81620

Calm-lemon Gummies

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|---|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number: AG-2311-CLG | Test, Test ID and Methods: Various | Matrix: Finished Product | Page 6 of 7 |
| Reported: 30Nov2023 | Started: 29Nov2023 | Received: 28Nov2023 | |

Terpenes

Test ID: T000263252

Methods: TM22 (GC-MS)

| | %(w/w) | (mg/g) |
|-------------------------|---------------|---------------|
| (-)-alpha-Bisabolol | 0.0000 | 0.0000 |
| (-)-beta-Pinene | 0.0000 | 0.0000 |
| (-)-Caryophyllene Oxide | 0.0000 | 0.0000 |
| (-)-Isopulegol | 0.0000 | 0.0000 |
| alpha-Humulene | 0.0000 | 0.0000 |
| alpha-Pinene | 0.0000 | 0.0000 |
| alpha-Terpinene | 0.0000 | 0.0000 |
| beta-Caryophyllene | 0.0000 | 0.0000 |
| beta-Myrcene | 0.0000 | 0.0000 |
| beta-Ocimene | 0.0000 | 0.0000 |
| Camphene | 0.0000 | 0.0000 |
| cis-Nerolidol | 0.0000 | 0.0000 |
| d-Limonene | 0.0031 | 0.031 |
| delta-3-Carene | 0.0000 | 0.0000 |
| Eucalyptol | 0.0000 | 0.0000 |
| gamma-Terpinene | 0.0000 | 0.0000 |
| Geraniol | 0.0000 | 0.0000 |
| Linalool | 0.0000 | 0.0000 |
| Ocimene | 0.0000 | 0.0000 |
| p-Cymene | 0.0000 | 0.0000 |
| Terpinolene | 0.0000 | 0.0000 |
| trans-Nerolidol | 0.0000 | 0.0000 |
| | 0.0031 | 0.0310 |



PREDOMINANT TERPENES

| | |
|----------------------------|--------|
| (-)-alpha-Bisabolol | 0.0000 |
| (-)-beta-Pinene | 0.0000 |
| alpha-Humulene | 0.0000 |
| alpha-Pinene | 0.0000 |
| alpha-Terpinene | 0.0000 |
| beta-Caryophyllene | 0.0000 |
| beta-Myrcene | 0.0000 |
| d-Limonene | 0.0031 |
| delta-3-Carene | 0.0000 |
| Linalool | 0.0000 |

Notes

Final Approval


Karen Winternheimer
05Dec2023
11:25:00 AM MST
PREPARED BY / DATE


Sam Smith
05Dec2023
11:26:00 AM MST
APPROVED BY / DATE

Prepared for:

ASPEN GREEN

26 AVONDALE LANE #216B
BEAVER CREEK, CO USA 81620

Calm-lemon Gummies

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Pesticides

Test ID: T000263253

Methods: TM17

| (LC-QQ LC MS/MS) | Dynamic Range (ppb) | Result (ppb) | | Dynamic Range (ppb) | Result (ppb) | |
|---------------------|---------------------|--------------|--|---------------------|--------------|----|
| Abamectin | 385 - 3277 | ND | | Malathion | 280 - 2762 | ND |
| Acephate | 43 - 2767 | ND | | Metalaxyl | 46 - 2743 | ND |
| Acetamiprid | 42 - 2720 | ND | | Methiocarb | 47 - 2707 | ND |
| Azoxystrobin | 44 - 2764 | ND | | Methomyl | 44 - 2802 | ND |
| Bifenazate | 44 - 2711 | ND | | MGK 264 1 | 164 - 1610 | ND |
| Boscalid | 41 - 2623 | ND | | MGK 264 2 | 113 - 1089 | ND |
| Carbaryl | 43 - 2708 | ND | | Myclobutanil | 17 - 2632 | ND |
| Carbofuran | 44 - 2682 | ND | | Naled | 46 - 2642 | ND |
| Chlorantraniliprole | 50 - 2579 | ND | | Oxamyl | 43 - 2793 | ND |
| Chlorpyrifos | 50 - 2781 | ND | | Paclobutrazol | 48 - 2595 | ND |
| Clofentezine | 283 - 2691 | ND | | Permethrin | 260 - 2759 | ND |
| Diazinon | 289 - 2727 | ND | | Phosmet | 43 - 2585 | ND |
| Dichlorvos | 283 - 2752 | ND | | Prophos | 303 - 2679 | ND |
| Dimethoate | 43 - 2726 | ND | | Propoxur | 45 - 2707 | ND |
| E-Fenpyroximate | 286 - 2761 | ND | | Pyridaben | 298 - 2830 | ND |
| Etofenprox | 43 - 2781 | ND | | Spinosad A | 32 - 2128 | ND |
| Etoxazole | 287 - 2702 | ND | | Spinosad D | 65 - 685 | ND |
| Fenoxycarb | 30 - 2714 | ND | | Spiromesifen | 273 - 2747 | ND |
| Fipronil | 49 - 2636 | ND | | Spirotetramat | 267 - 2754 | ND |
| Flonicamid | 43 - 2740 | ND | | Spiroxamine 1 | 16 - 1027 | ND |
| Fludioxonil | 315 - 2625 | ND | | Spiroxamine 2 | 28 - 1553 | ND |
| Hexythiazox | 42 - 2753 | ND | | Tebuconazole | 286 - 2594 | ND |
| Imazalil | 263 - 2804 | ND | | Thiacloprid | 43 - 2746 | ND |
| Imidacloprid | 43 - 2776 | ND | | Thiamethoxam | 40 - 2752 | ND |
| Kresoxim-methyl | 45 - 2761 | ND | | Trifloxystrobin | 46 - 2738 | ND |

Final Approval


 Karen Winternheimer
 01Dec2023
 09:36:00 AM MST
 PREPARED BY / DATE


 Sam Smith
 01Dec2023
 09:42:00 AM MST
 APPROVED BY / DATE

Prepared for:

ASPEN GREEN

26 AVONDALE LANE #216B
BEAVER CREEK, CO USA 81620

Calm-lemon Gummies

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Heavy Metals - Colorado Compliance

Test ID: T000263255

Methods: TM19 (ICP-MS): Heavy

| Metals | Dynamic Range (ppm) | Result (ppm) | Notes |
|---------|---------------------|--------------|-------|
| Arsenic | 0.04 - 4.32 | ND | |
| Cadmium | 0.04 - 4.28 | ND | |
| Mercury | 0.04 - 4.24 | ND | |
| Lead | 0.04 - 4.34 | ND | |

Final Approval


PREPARED BY / DATE
Sam Smith
30Nov2023
07:58:00 AM MST


APPROVED BY / DATE
Karen Winternheimer
30Nov2023
08:00:00 AM MST

Prepared for:

ASPEN GREEN

26 AVONDALE LANE #216B
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|---|---------------------------------------|-----------------------------|-------------|
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Microbial Contaminants - Colorado Compliance

Test ID: T000263254

Methods: TM25 (qPCR) TM24, TM26,
TM27 (Culture Plating): Microbial
(Colorado Panel)

| | Method | LOD | Quantitation Range | Result | Notes |
|-----------------------|-----------------------|-------------------------|---|---------------|---|
| STEC | TM25: PCR | 10 ⁰ CFU/25g | NA | Absent | Free from visual mold, mildew, and foreign matter |
| <i>Salmonella</i> | TM25: PCR | 10 ⁰ CFU/25g | NA | Absent | |
| Total Yeast and Mold* | TM24: Culture Plating | 10 ¹ CFU/g | 1.0x10 ² - 1.5x10 ⁴ | 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



Brett Hudson
03Dec2023
10:56:00 AM MST

PREPARED BY / DATE



Eden Thompson-Wright
04Dec2023
09:37:00 AM MST

APPROVED BY / DATE

Prepared for:

ASPEN GREEN

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BEAVER CREEK, CO USA 81620

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Residual Solvents - Colorado Compliance

Test ID: T000263256

Methods: TM04 (GC-MS): Residual

| Solvents | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane | 89 - 1782 | ND | |
| Butanes (Isobutane, n-Butane) | 175 - 3499 | ND | |
| Methanol | 65 - 1299 | ND | |
| Pentane | 96 - 1914 | ND | |
| Ethanol | 103 - 2051 | >2051 | |
| Acetone | 100 - 2009 | ND | |
| Isopropyl Alcohol | 108 - 2161 | ND | |
| Hexane | 6 - 124 | ND | |
| Ethyl Acetate | 104 - 2082 | ND | |
| Benzene | 0.2 - 4.1 | ND | |
| Heptanes | 99 - 1989 | ND | |
| Toluene | 19 - 375 | ND | |
| Xylenes (m,p,o-Xylenes) | 137 - 2737 | ND | |

Final Approval

 Karen Winternheimer
30Nov2023
12:48:00 PM MST

PREPARED BY / DATE

 Sam Smith
30Nov2023
12:50:00 PM MST

APPROVED BY / DATE

Prepared for:
ASPEN GREEN

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BEAVER CREEK, CO USA 81620

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Mycotoxins - Colorado Compliance

Test ID: T000263257
Methods: TM18 (UHPLC-QQQ)

| LCMS/MS): Mycotoxins | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A | 3.84 - 132.00 | ND | N/A |
| Aflatoxin B1 | 1.04 - 33.29 | ND | |
| Aflatoxin B2 | 0.94 - 33.75 | ND | |
| Aflatoxin G1 | 1.04 - 33.62 | ND | |
| Aflatoxin G2 | 1.11 - 34.21 | ND | |
| Total Aflatoxins (B1, B2, G1, and G2) | | ND | |

Final Approval


Karen Winternheimer
07Dec2023
12:55:00 PM MST
PREPARED BY / DATE


Sam Smith
07Dec2023
12:56:00 PM MST
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/e4553fb5-83a4-469b-835d-ed3464d55e00>

Definitions
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units 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. Examples: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



Cert #4329.02
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