

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Organic Green Apple Gummies - Kosher Certified
PRODUCT STRENGTH: 10 mg CBD / gummy
BATCH: 230414B
BEST BY DATE: 11/8/2024
HEMP EXTRACT LOT: 00851

Physical Attributes

| Test | Method | Specification | Results |
|-------------------------|----------|--|---------|
| Color | Internal | Medium Green | PASS |
| Odor | Internal | Sweet, apple, sour | PASS |
| Appearance | Internal | Medium green gummies with sugar coating in child proof container | PASS |
| Primary Package Eval. | Internal | Container clean and free of filth. Container caps tight and seals intact | PASS |
| Secondary Package Eval. | Internal | Labeling Compliance Checked, 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 | *NLT 10 mg / gummy | 14mg | PASS |
| Potency - D9-THC | HPLC-UV DAD | LOQ: <0.01% (broad spectrum) | ND | 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 Panel | 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† Aflatoxin B1 < 5 ppb Ochratoxin < 5ppb | Below LOQ | PASS |
| Residual Solvents | GC-HS-MSD | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract | Below LOQ | PASS |

* *Level of Quantitation, † Parts Per Million ‡ Part Per Billion CFU/g=Colony Forming Units per Gram
 * Nothing Less Than Manufacture*
 10²=100 CFU
 10³=1,000 CFU

Quality Certified

Name



4/19/2024

Date

Organic 10mg Green Apple CBD Gummy


| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230414B | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 5 of 5 |
| Reported: 21Nov2022 | Started: 18Nov2022 | Received: 17Nov2022 | |

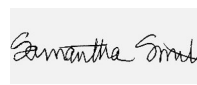
Cannabinoids - Colorado Compliance

Test ID: T000228045
Methods: TM14 (HPLC-DAD): Potency – Standard

| Cannabinoid Analysis | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) | Notes |
|--|---------|---------|--------------|---------------|--|
| Cannabichromene (CBC) | 0.008 | 0.028 | ND | ND | Amendment to T000228045 issued on 21Nov2022 to include mg/serving. Item weight = 3.57g. CBD/serving = 14.53mg. |
| Cannabichromenic Acid (CBCA) | 0.008 | 0.026 | ND | ND | |
| Cannabidiol (CBD) | 0.027 | 0.075 | 0.407 | 4.07 | |
| Cannabidiolic Acid (CBDA) | 0.028 | 0.077 | ND | ND | |
| Cannabidivarin (CBDV) | 0.006 | 0.018 | ND | ND | |
| Cannabidivarinic Acid (CBDVA) | 0.012 | 0.032 | ND | ND | |
| Cannabigerol (CBG) | 0.005 | 0.016 | 0.066 | 0.66 | |
| Cannabigerolic Acid (CBGA) | 0.020 | 0.067 | ND | ND | |
| Cannabinol (CBN) | 0.006 | 0.021 | ND | ND | |
| Cannabinolic Acid (CBNA) | 0.013 | 0.045 | ND | ND | |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 0.023 | 0.079 | ND | ND | |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.021 | 0.072 | ND | ND | |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.019 | 0.064 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.004 | 0.015 | ND | ND | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.017 | 0.056 | ND | ND | |
| Total Cannabinoids | | | 0.473 | 4.73 | |
| Total Potential THC | | | ND | ND | |
| Total Potential CBD | | | 0.407 | 4.07 | |

Final Approval


Karen Winternheimer
05Dec2022
02:19:00 PM MST
PREPARED BY / DATE


Sam Smith
05Dec2022
02:29:00 PM MST
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/a8de2b63-fd46-4f8e-b826-f6dfefacedce>

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 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details.](#)



Cert #4329.02
a8de2b63fd464f8eb826f6dfefacedce.1

Organic 10mg Green Apple CBD Gummy

| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230414B | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 1 of 5 |
| Reported: 21Nov2022 | Started: 18Nov2022 | Received: 17Nov2022 | |


Pesticides


Test ID: T000228046

Methods: TM17

| (LC-QQ LC MS/MS) | Dynamic Range (ppb) | Result (ppb) | | Dynamic Range (ppb) | Result (ppb) | |
|---------------------|---------------------|--------------|--|---------------------|--------------|----|
| Abamectin | 306 - 2569 | ND | | Malathion | 283 - 2728 | ND |
| Acephate | 43 - 2750 | ND | | Metalaxyl | 42 - 2725 | ND |
| Acetamiprid | 43 - 2732 | ND | | Methiocarb | 42 - 2693 | ND |
| Azoxystrobin | 43 - 2730 | ND | | Methomyl | 40 - 2708 | ND |
| Bifenazate | 37 - 2709 | ND | | MGK 264 1 | 178 - 1588 | ND |
| Boscalid | 39 - 2710 | ND | | MGK 264 2 | 117 - 1142 | ND |
| Carbaryl | 41 - 2726 | ND | | Myclobutanil | 48 - 2702 | ND |
| Carbofuran | 41 - 2730 | ND | | Naled | 42 - 2747 | ND |
| Chlorantraniliprole | 42 - 2723 | ND | | Oxamyl | 41 - 2725 | ND |
| Chlorpyrifos | 35 - 2774 | ND | | Paclobutrazol | 41 - 2721 | ND |
| Clofentezine | 272 - 2769 | ND | | Permethrin | 300 - 2735 | ND |
| Diazinon | 277 - 2737 | ND | | Phosmet | 37 - 2712 | ND |
| Dichlorvos | 266 - 2748 | ND | | Prophos | 280 - 2694 | ND |
| Dimethoate | 40 - 2718 | ND | | Propoxur | 40 - 2733 | ND |
| E-Fenpyroximate | 298 - 2753 | ND | | Pyridaben | 289 - 2666 | ND |
| Etofenprox | 44 - 2646 | ND | | Spinosad A | 32 - 2240 | ND |
| Etoxazole | 306 - 2736 | ND | | Spinosad D | 52 - 484 | ND |
| Fenoxycarb | 39 - 2746 | ND | | Spiromesifen | 279 - 2775 | ND |
| Fipronil | 46 - 2803 | ND | | Spirotetramat | 281 - 2719 | ND |
| Flonicamid | 49 - 2690 | ND | | Spiroxamine 1 | 18 - 1172 | ND |
| Fludioxonil | 291 - 2678 | ND | | Spiroxamine 2 | 22 - 1536 | ND |
| Hexythiazox | 40 - 2758 | ND | | Tebuconazole | 278 - 2723 | ND |
| Imazalil | 261 - 2768 | ND | | Thiacloprid | 41 - 2728 | ND |
| Imidacloprid | 46 - 2747 | ND | | Thiamethoxam | 38 - 2751 | ND |
| Kresoxim-methyl | 44 - 2758 | ND | | Trifloxystrobin | 42 - 2766 | ND |

Final Approval


 Sam Smith
 21Nov2022
 01:36:00 PM MST
 PREPARED BY / DATE


 Karen Winternheimer
 21Nov2022
 01:41:00 PM MST
 APPROVED BY / DATE

Organic 10mg Green Apple CBD Gummy


| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230414B | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 2 of 5 |
| Reported: 21Nov2022 | Started: 18Nov2022 | Received: 17Nov2022 | |


**Heavy Metals -
Colorado Compliance**

Test ID: T000228048
Methods: TM19 (ICP-MS): Heavy

| Metals | Dynamic Range (ppm) | Result (ppm) | Notes |
|---------|---------------------|--------------|-------|
| Arsenic | 0.03 - 3.40 | ND | |
| Cadmium | 0.03 - 3.30 | ND | |
| Mercury | 0.03 - 3.43 | ND | |
| Lead | 0.03 - 3.03 | ND | |

Final Approval


PREPARED BY / DATE
Sam Smith
22Nov2022
10:39:00 AM MST


APPROVED BY / DATE
Karen Winternheimer
22Nov2022
10:43:00 AM MST

Organic 10mg Green Apple CBD Gummy

| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230414B | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 3 of 5 |
| Reported: 21Nov2022 | Started: 18Nov2022 | Received: 17Nov2022 | |


**Residual Solvents -
Colorado Compliance**

Test ID: T000228049


Methods: TM04 (GC-MS): Residual

| Solvents | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane | 80 - 1600 | ND | |
| Butanes (Isobutane, n-Butane) | 157 - 3147 | ND | |
| Methanol | 52 - 1033 | ND | |
| Pentane | 87 - 1730 | ND | |
| Ethanol | 86 - 1726 | >1726 | |
| Acetone | 85 - 1702 | ND | |
| Isopropyl Alcohol | 87 - 1747 | ND | |
| Hexane | 5 - 105 | ND | |
| Ethyl Acetate | 88 - 1766 | ND | |
| Benzene | 0.2 - 3.6 | ND | |
| Heptanes | 89 - 1779 | ND | |
| Toluene | 15 - 300 | ND | |
| Xylenes (m,p,o-Xylenes) | 113 - 2260 | ND | |

Final Approval


Sam Smith
22Nov2022
01:59:00 PM MST

PREPARED BY / DATE


Karen Winternheimer
22Nov2022
01:59:00 PM MST

APPROVED BY / DATE

Organic 10mg Green Apple CBD Gummy

| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230414B | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 4 of 5 |
| Reported: 21Nov2022 | Started: 18Nov2022 | Received: 17Nov2022 | |

Microbial Contaminants - Colorado Compliance

Test ID: T000228047
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 |
| Salmonella | 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 | 2.8x10 ³ CFU/g | |
| Total Coliforms* | TM27: Culture Plating | 10 ¹ CFU/g | 1.0x10 ² - 1.5x10 ⁴ | None Detected | |

Final Approval

| | | | |
|--|--|---|---|
|  | Brett Hudson 23Nov2022 05:01:00 PM MST |  | Brianne Maillot 23Nov2022 05:08:00 PM MST |
| PREPARED BY / DATE | | APPROVED BY / DATE | |

Mycotoxins - Colorado Compliance

Test ID: T000228050
Methods: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins

| | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A | 4.35 - 115.89 | ND | N/A |
| Aflatoxin B1 | 0.86 - 29.61 | ND | |
| Aflatoxin B2 | 0.92 - 29.56 | ND | |
| Aflatoxin G1 | 1.01 - 30.16 | ND | |
| Aflatoxin G2 | 1.01 - 29.82 | ND | |
| Total Aflatoxins (B1, B2, G1, and G2) | | ND | |

Final Approval

| | | | |
|--|---|---|---|
|  | Sam Smith 29Nov2022 09:14:00 AM MST |  | Karen Winternheimer 29Nov2022 09:17:00 AM MST |
| PREPARED BY / DATE | | APPROVED BY / DATE | |