

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** CBD:THC Gummies (Blackberry Lime)  
**PRODUCT STRENGTH:** 10mg CBD + 10mg THC / gummy  
**BATCH:** 230508A , 230116D & 230522D  
**BEST BY DATE:** 3/30/2025

## Physical Attributes

| Test                    | Method   | Specification  | Results |
|-------------------------|----------|--|---------|
| Color                   | Internal | Purple   | PASS    |
| Odor                    | Internal | Sweet  | PASS    |
| Appearance              | Internal | Sugar Coated   | 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 |
|---|-----------------|---|------------------|-----------|
| <b>Potency - Total CBD</b>                  | HPLC-UV DAD     | *NLT 10 mg / gummy  | <b>11mg</b>      | PASS      |
| <b>Potency - D9-THC</b>                     | HPLC-UV DAD     | LOQ: <0.03% (full spectrum) mg/serving  | <b>11.6mg</b>    | PASS      |
| <b>Expanded Pesticide Panel</b>             | HPLC-QQQ        | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract                                    | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Escherichia coli (STEC) | PCR             | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram   | <b>Absent</b>    | PASS      |
| <b>Microbial</b><br>Salmonella              | PCR             | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram   | <b>Absent</b>    | PASS      |
| <b>Microbial</b><br>Yeast and Mold          | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>2</sup> CFU/gram                                  | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Total Coliforms*        | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>2</sup> CFU/gram                                  | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Total Aerobic Count*    | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>3</sup> CFU/gram                                  | <b>Below LOQ</b> | PASS      |
| <b>Heavy Metals Panel</b>                   | ICP-MS          | Arsenic (As): ≤1.5 ppm<br>Cadmium (Cd): ≤0.5 ppm<br>Lead (Pb): ≤0.5 ppm<br>Mercury (Hg): ≤1.5 ppm | <b>Below LOQ</b> | PASS      |
| <b>Mycotoxins</b>                           | ICP-MS          | Total Aflatoxins <20 ppb†<br>Aflatoxin B1 < 5 ppb<br>Ochratoxin < 5ppb                            | <b>Below LOQ</b> | PASS      |
| <b>Residual Solvents</b>                    | GC-HS-MSD       | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract                                    | <b>Below LOQ</b> | PASS      |

\* \*Level of Quantitation, † Parts Per Million ‡ Part Per Billion  
 CFU/g=Colony Forming Units per Gram  
 \* Nothing Less Than Manufacture\*  
 10<sup>2</sup>=100 CFU  
 10<sup>3</sup>=1,000 CFU

Quality Certified



Name

5/16/2023

Date



# Certificate of Analysis

ICAL ID: 20230406-044  
 Sample: CA230405-020-104  
 Blackberry Lime - 10mg D9 THC  
 Category: Ingestible  
 Type: Other

Batch#: 230508A, 230116D & 230522D  
 Batch Size Collected:  
 Total Batch Size:  
 Collected: 04/06/2023; Received: 04/06/2023  
 Completed: 04/06/2023

|                      |  |                             |  |                      |
|----------------------|--|-----------------------------|--|----------------------|
| Moisture<br>NT       | $\Delta$ 9-THC<br><b>11.63 mg/unit</b> | CBD<br><b>11.05 mg/unit</b> | Total Cannabinoids<br><b>23.60 mg/unit</b> | Total Terpenes<br>NT |
| Water Activity<br>NT |  |                             |  |                      |

|                    |              |             |                   |
|--------------------|--------------|-------------|-------------------|
| <b>Summary</b>     | SOP Used     | Date Tested |                   |
| Batch Cannabinoids | POT-PREP-002 | 04/06/2023  | Complete Complete |



Scan to see results

## Cannabinoid Profile

1 Unit = gummy, 4.07 g.

| Analyte        | LOQ (mg/g) | LOD (mg/g) | %     | mg/g | mg/unit | Analyte          | LOQ (mg/g) | LOD (mg/g) | %           | mg/g        | mg/unit      |
|----------------|------------|------------|-------|------|---------|------------------|------------|------------|-------------|-------------|--------------|
| THCa           | 0.0128     | 0.0043     | ND    | ND   | ND      | CBGa             | 0.0046     | 0.0015     | ND          | ND          | ND           |
| $\Delta$ 9-THC | 0.0046     | 0.0010     | 0.286 | 2.86 | 11.63   | CBG              | 0.0046     | 0.0005     | 0.010       | 0.10        | 0.40         |
| $\Delta$ 8-THC | 0.0046     | 0.0014     | ND    | ND   | ND      | CBN              | 0.0046     | 0.0005     | 0.006       | 0.06        | 0.22         |
| THCV           | 0.0046     | 0.0006     | 0.002 | 0.02 | 0.10    | <b>Total THC</b> |            |            | <b>0.29</b> | <b>2.86</b> | <b>11.63</b> |
| CBDa           | 0.0049     | 0.0016     | ND    | ND   | ND      | <b>Total CBD</b> |            |            | <b>0.27</b> | <b>2.71</b> | <b>11.05</b> |
| CBD            | 0.0046     | 0.0008     | 0.271 | 2.71 | 11.05   | <b>Total</b>     |            |            | <b>0.58</b> | <b>5.80</b> | <b>23.60</b> |
| CBDV           | 0.0046     | 0.0004     | ND    | ND   | ND      |                  |            |            |             |             |              |
| CBC            | 0.0076     | 0.0025     | 0.005 | 0.05 | 0.19    |                  |            |            |             |             |              |

Total THC=THCa \* 0.877 + d9THC + d8THC; Total CBD = CBDa \* 0.877 + CBD. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005),Moisture:Moisture Analyzer(MOISTURE-001),Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL- SOP-001.

## Terpene Profile

| Analyte | LOQ (mg/g) | LOD (mg/g) | % | mg/g | Analyte | LOQ (mg/g) | LOD (mg/g) | % | mg/g |
|---------|------------|------------|---|------|---------|------------|------------|---|------|
|---------|------------|------------|---|------|---------|------------|------------|---|------|

NR = Not Reported (no analysis was performed), ND = Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



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*Josh M Swider*

Josh Swider  
 Lab Director, Managing Partner  
 04/06/2023

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 15730, pursuant to 16 CCR section 15726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.

**Blackberry Lime - 10mg D9 THC, 10mg CBD**


|   |                                    |                     |             |
|---|------------------------------------|---------------------|-------------|
| Batch ID or Lot Number: <b>230508A, 230116D &amp; 230522D</b> | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 1 of 6 |
| Reported: <b>22Mar2023</b>                                    | Started: 21Mar2023                 | Received: 20Mar2023 |             |

**Mycotoxins - Colorado Compliance**

Test ID: T000239067  
Methods: TM18 (UHPLC-QQQ)  
LCMS/MS: Mycotoxins

|                                       | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A                          | 2.26 - 131.87       | ND           | N/A   |
| Aflatoxin B1                          | 1.10 - 33.03        | ND           |       |
| Aflatoxin B2                          | 0.94 - 33.00        | ND           |       |
| Aflatoxin G1                          | 1.19 - 33.48        | ND           |       |
| Aflatoxin G2                          | 1.29 - 32.94        | ND           |       |
| Total Aflatoxins (B1, B2, G1, and G2) |                     | ND           |       |

**Final Approval**

  
 Sam Smith  
 22Mar2023  
 11:39:00 AM MDT  
 PREPARED BY / DATE

  
 Karen Winternheimer  
 22Mar2023  
 11:43:00 AM MDT  
 APPROVED BY / DATE

**Blackberry Lime - 10mg D9 THC, 10mg CBD**

|   |                                       |                        |             |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number:<br><b>7230508A, 230116D &amp; 230522D</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Concentrate | Page 3 of 6 |
| Reported:<br><b>22Mar2023</b>                                     | Started:<br>21Mar2023                 | Received:<br>20Mar2023 |             |


**Pesticides**


Test ID: T000239063

Methods: TM17

| (LC-QQ LC MS/MS)    | Dynamic Range (ppb) | Result (ppb) | Dynamic Range (ppb) | Result (ppb) |    |
|---------------------|---------------------|--------------|---------------------|--------------|----|
| Abamectin           | 246 - 2812          | ND           | Malathion           | 290 - 2749   | ND |
| Acephate            | 4 - 2886            | ND           | Metalaxyl           | 43 - 2740    | ND |
| Acetamiprid         | 41 - 2804           | ND           | Methiocarb          | 43 - 2686    | ND |
| Azoxystrobin        | 44 - 2708           | ND           | Methomyl            | 40 - 2828    | ND |
| Bifenazate          | 40 - 2740           | ND           | MGK 264 1           | 168 - 1584   | ND |
| Boscalid            | 47 - 2720           | ND           | MGK 264 2           | 119 - 1134   | ND |
| Carbaryl            | 42 - 2736           | ND           | Myclobutanil        | 43 - 2705    | ND |
| Carbofuran          | 42 - 2738           | ND           | Naled               | 53 - 2727    | ND |
| Chlorantraniliprole | 46 - 2715           | ND           | Oxamyl              | 37 - 2844    | ND |
| Chlorpyrifos        | 41 - 2813           | ND           | Paclobutrazol       | 45 - 2708    | ND |
| Clofentezine        | 285 - 2756          | ND           | Permethrin          | 292 - 2783   | ND |
| Diazinon            | 287 - 2720          | ND           | Phosmet             | 43 - 2724    | ND |
| Dichlorvos          | 335 - 2743          | ND           | Prophos             | 310 - 2705   | ND |
| Dimethoate          | 40 - 2804           | ND           | Propoxur            | 43 - 2723    | ND |
| E-Fenpyroximate     | 288 - 2741          | ND           | Pyridaben           | 296 - 2748   | ND |
| Etofenprox          | 45 - 2768           | ND           | Spinosad A          | 34 - 2233    | ND |
| Etoxazole           | 297 - 2721          | ND           | Spinosad D          | 49 - 482     | ND |
| Fenoxycarb          | 37 - 2712           | ND           | Spiromesifen        | 286 - 2780   | ND |
| Fipronil            | 30 - 2770           | ND           | Spirotetramat       | 288 - 2772   | ND |
| Flonicamid          | 26 - 2866           | ND           | Spiroxamine 1       | 18 - 1159    | ND |
| Fludioxonil         | 309 - 2734          | ND           | Spiroxamine 2       | 22 - 1522    | ND |
| Hexythiazox         | 44 - 2735           | ND           | Tebuconazole        | 300 - 2707   | ND |
| Imazalil            | 277 - 2771          | ND           | Thiacloprid         | 39 - 2796    | ND |
| Imidacloprid        | 43 - 2831           | ND           | Thiamethoxam        | 41 - 2846    | ND |
| Kresoxim-methyl     | 20 - 2746           | ND           | Trifloxystrobin     | 44 - 2742    | ND |

**Final Approval**

 Karen Winternheimer  
23Mar2023  
08:48:00 AM MDT  
PREPARED BY / DATE

 Sam Smith  
23Mar2023  
08:51:00 AM MDT  
APPROVED BY / DATE

**Blackberry Lime - 10mg D9 THC, 10mg CBD**

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|   |                                    |                     |             |
|---|------------------------------------|---------------------|-------------|
| Batch ID or Lot Number: <b>230508A, 230116D &amp; 230522D</b> | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 4 of 6 |
| Reported: <b>22Mar2023</b>                                    | Started: 21Mar2023                 | Received: 20Mar2023 |             |

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**Heavy Metals - Colorado Compliance**


Test ID: T000239065  
Methods: TM19 (ICP-MS): Heavy

| Metals  | Dynamic Range (ppm) | Result (ppm) | Notes |
|---------|---------------------|--------------|-------|
| Arsenic | 0.04 - 3.87         | ND           |       |
| Cadmium | 0.04 - 4.20         | ND           |       |
| Mercury | 0.04 - 4.24         | ND           |       |
| Lead    | 0.04 - 4.21         | 0.06         |       |

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**Final Approval**

  
PREPARED BY / DATE  
Sam Smith  
23Mar2023  
11:37:00 AM MDT

  
APPROVED BY / DATE  
Karen Winternheimer  
23Mar2023  
11:42:00 AM MDT

**Blackberry Lime - 10mg D9 THC, 10mg CBD**

|   |                                       |                        |             |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: <b>230508A, 230116D &amp; 230522D</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Concentrate | Page 5 of 6 |
| Reported:<br><b>22Mar2023</b>                                 | Started:<br>21Mar2023                 | Received:<br>20Mar2023 |             |


**Residual Solvents -  
Colorado Compliance**


Test ID: T000239066

Methods: TM04 (GC-MS): Residual

| Solvents                      | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane                       | 110 - 2197          | ND           |       |
| Butanes (Isobutane, n-Butane) | 225 - 4506          | ND           |       |
| Methanol                      | 67 - 1338           | ND           |       |
| Pentane                       | 112 - 2234          | ND           |       |
| Ethanol                       | 111 - 2223          | 1104         |       |
| Acetone                       | 109 - 2173          | ND           |       |
| Isopropyl Alcohol             | 111 - 2226          | ND           |       |
| Hexane                        | 7 - 134             | ND           |       |
| Ethyl Acetate                 | 109 - 2177          | ND           |       |
| Benzene                       | 0.2 - 4.4           | ND           |       |
| Heptanes                      | 111 - 2223          | ND           |       |
| Toluene                       | 19 - 379            | ND           |       |
| Xylenes (m,p,o-Xylenes)       | 141 - 2813          | ND           |       |

**Final Approval**

  
 Karen Winternheimer  
 23Mar2023  
 04:18:00 PM MDT  
 PREPARED BY / DATE

  
 Sam Smith  
 23Mar2023  
 04:31:00 PM MDT  
 APPROVED BY / DATE


**Blackberry Lime - 10mg D9 THC, 10mg CBD**

|  |   |                               |                      |
|--|---|-------------------------------|----------------------|
| Batch ID or Lot Number:<br><b>230508A, 230116D &amp; 230522D</b> | Test:<br><b>Microbial Contaminants</b>  | Reported:<br><b>15May2023</b> | USDA License:<br>N/A |
| Matrix:<br>Finished Product                                      | Test ID:<br>T000243671  | Started:<br>12May2023         | Sampler ID:<br>N/A   |
|  | Method(s):<br>TM25 (qPCR) TM24, TM26, TM27<br>(Culture Plating): Microbial (Colorado Panel) | Received:<br>11May2023        | Status:<br>Active    |

**Microbial**

| Contaminants          | Method                | LOD                     | Quantitation Range                        | Result        | Notes   |
|-----------------------|-----------------------|-------------------------|---|---------------|---|
| STEC                  | TM25: PCR             | 10 <sup>0</sup> CFU/25g | NA  | Absent        | Free from visual mold, mildew, and foreign matter |
| <i>Salmonella</i>     | TM25: PCR             | 10 <sup>0</sup> CFU/25g | NA  | Absent        |   |
| Total Yeast and Mold* | TM24: Culture Plating | 10 <sup>1</sup> CFU/g   | 1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup> | None Detected |   |
| Total Aerobic Count*  | TM26: Culture Plating | 10 <sup>2</sup> CFU/g   | 1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup> | None Detected |   |
| Total Coliforms*      | TM27: Culture Plating | 10 <sup>1</sup> CFU/g   | 1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup> | None Detected |   |

**Final Approval**



Eden Thompson-Wright  
15May2023  
12:30:00 PM MDT

PREPARED BY / DATE



Eden Thompson-Wright  
15May2023  
04:07:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f6cfeaa4-c63b-4636-b5cc-475c1ea83193>

**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: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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

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.



Cert #4329.02

CDPHE Certified  
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