

## **CERTIFICATE OF ANALYSIS**

| PRODUCT NAME: | Delta 9 THC Gummies (Blackberry Lime) |
|---------------|---------------------------------------|
|---------------|---------------------------------------|

PRODUCT STRENGTH: 10mg THC + 10mg CBD per gummy

BATCH: 230928B

BEST BY DATE: 8/14/2025

EXTRACT LOT: JO1334BL3222

### **Physical Attributes**

| Test                         | Method   | Specification   | Results |
|------------------------------|----------|---|---------|
| Color                        | Internal | Dark purple   | PASS    |
| Odor                         | Internal | Sweet blackberry and lime   | PASS    |
| Appearance                   | Internal | Sugar-coated  | PASS    |
| Primary Package Evaluation   | Internal | Container clean and free of filth.<br>Container caps tight and seals intact.          | PASS    |
| Secondary Package Evaluation | Internal | Labeling compliance checked, sufficient cushion material exists. Box taped & secured. | PASS    |

### **Review of Third-Party Analysis**

| Panel                                | Method          | Specification   | Results*  | Pass/Fail |
|--------------------------------------|-----------------|---|-----------|-----------|
| Potency - Total CBD                  | HPLC-UV-DAD     | *NLT 10mg / gummy   | 11mg      | PASS      |
| Potency - Total D9-THC               | HPLC-UV-DAD     | LOQ: <0.03% (full spectrum)   | 11mg      | PASS      |
| <b>Expanded Pesticide Panel</b>      | HPLC-QQQ        | LOQ: Complies with CDPHE 6 CCR<br>1010-21 Industrial Hemp Extract                       | Below LOQ | PASS      |
| Microbial<br>Escherichia coli (STEC) | PCR             | Complies with CDPHE 6 CCR<br>1010-21 Industrial Hemp Extract                            | Absent    | PASS      |
| <b>Microbial</b><br>Salmonella       | PCR             | Complies with CDPHE 6 CCR<br>1010-21 - LOQ 1 CFU/25 gram                                | Absent    | PASS      |
| Microbial<br>Yeast & Mold            | Culture Plating | Complies with CDPHE 6 CCR<br>1010-21 - LOQ 10^2 CFU/gram                                | Below LOQ | PASS      |
| Microbial<br>Total Coliforms*        | Culture Plating | Complies with CDPHE 6 CCR<br>1010-21 - LOQ 10^2 CFU/gram                                | Below LOQ | PASS      |
| Microbial<br>Total Aerobic Count*    | Culture Plating | Complies with CDPHE 6 CCR<br>1010-21 - LOQ 10^3 CFU/gram                                | Below LOQ | PASS      |
| Heavy Metals Panel                   | ICP-MS          | Arsenic (As): ≤1.5ppm Cadmium (Cd): ≤0.5ppm<br>Lead (Pb): ≤0.5ppm Mercury (Hg): ≤1.5ppm | Below LOQ | PASS      |
| Mycotoxins                           | ICP-MS          | Total Aflatoxins <20 ppb†<br>Afltoxin B1 < 5 ppb   Ochratoxin < 5ppb                    | Below LOQ | PASS      |
| Residual Solvents                    | GC-HS-MSD       | LOQ: Complies with CDPHE 6 CCR<br>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\* 10^2=100 CFU 10^3=1,000 CFU

**Quality Certified** 

alas

11/30/2023

Date

Name



## **Certificate of Analysis**

#### ANALYZED BY:

Anresco Laboratories 1375 Van Dyke Avenue, San Francisco, CA 94124 C8-0000052-LIC

#### **SAMPLE INFORMATION**

Sample No.: 1170346

d9THC Gummy 1:1 Mother Liquor THC 10mg/ea Blackberry Lime - ITM001906 Product Name:

Matrix: Edible (Gummy) Lot #: 230928B

Date Collected: 08/14/2023 Date Received: 08/15/2023 Date Reported: 08/18/2023

#### **TEST SUMMARY**

**⊘** Tested Cannabinoid Profile: Pass Pesticide Residue Screen:

Microbiological Screen: Residual Solvent Screen:

**Pass** Pass Pass

**Heavy Metal Screen:** 

Pass

Mycotoxin Screen:

08/18/2023 **Cannabinoid Profile** 

Method: MF-CHEM-15

Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)

**Limit of Detection** 0.0333 mg/g Limit of Quantification 0.1 mg/g

| Cannabinoid         | mg/g   | %  | mg/serving                   |  |
|---------------------|--|--|------------------------------|--|
| Δ8-ΤΗC              | ND   | ND   | ND                           |  |
| Δ9-ΤΗС              | 2.57   | 0.257  | 11.03                        |  |
| Δ9-ΤΗCΑ             | ND   | ND   | ND                           |  |
| THCV                | ND   | ND   | ND                           |  |
| THCVA               | ND   | ND   | ND                           |  |
| CBD                 | 2.62   | 0.262  | 11.21                        |  |
| CBDA                | ND   | ND   | ND                           |  |
| CBC                 | ND   | ND   | ND                           |  |
| CBCA                | ND   | ND   | ND                           |  |
| CBDV                | ND   | ND   | ND                           |  |
| CBG                 | <loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<> | <loq< td=""><td><loq< td=""><td></td></loq<></td></loq<> | <loq< td=""><td></td></loq<> |  |
| CBGA                | ND   | ND   | ND                           |  |
| CBN                 | <loq< td=""><td><loq< td=""><td><loq< td=""><td></td></loq<></td></loq<></td></loq<> | <loq< td=""><td><loq< td=""><td></td></loq<></td></loq<> | <loq< td=""><td></td></loq<> |  |
| Total THC           | 2.57   | 0.257  | 11.03                        |  |
| Total CBD           | 2.62   | 0.262  | 11.21                        |  |
| Total Cannabinoids  | 5.19   | 0.519  | 22.24                        |  |
| Sum of Cannabinoids | 5.19   | 0.519  | 22.24                        |  |
|                     |  |  |                              |  |

Serving Weight (g) 4.287

Total THC =  $\Delta 9$ -THC + (0.877 \*  $\Delta 9$ -THCA) Total CBD = CBD + (0.877 \* CBDA)

Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 \* Σ (acidic cannabinoids)]

Microbiological Screen Pass

08/18/2023

| Analyte    | Method       | Findings | Status |
|------------|--------------|----------|--------|
| Salmonella | AOAC 2016.01 | Negative | Pass   |
| STEC       | 3M MDS STEC  | Negative | Pass   |

Pesticide Residue Screen Pass

08/18/2023

Method: MF-CHEM-13

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte     | LOD/LOQ(ppm) | Findings (ppm) | Limit (ppm) | Status |
|-------------|--------------|----------------|-------------|--------|
| Abamectin   | 0.04/0.10    | ND             | 0.3         | Pass   |
| Acephate    | 0.02/0.06    | ND             | 5.0         | Pass   |
| Acequinocyl | 0.04/0.10    | ND             | 4.0         | Pass   |
| Acetamiprid | 0.02/0.06    | ND             | 5.0         | Pass   |
| Aldicarb    | 0.02/0.06    | ND             | 0.02        | Pass   |

Anresco Laboratories www.anresco.com 1375 Van Dyke Ave, San Francisco, CA 94124 Sample #: 1170346 Lot #:230928B

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# **Certificate of Analysis**

| Analyte                      | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|------------------------------|---------------|----------------|-------------|--------|
| Azoxystrobin                 | 0.02/0.06     | ND             | 40.0        | Pass   |
| Bifenazate                   | 0.02/0.06     | ND             | 5.0         | Pass   |
| Bifenthrin                   | 0.04/0.10     | ND             | 0.5         | Pass   |
| Boscalid                     | 0.02/0.06     | ND             | 10.0        | Pass   |
| Captan                       | 0.2/0.6       | ND             | 5.0         | Pass   |
| Carbaryl                     | 0.02/0.06     | ND             | 0.5         | Pass   |
| Carbofuran                   | 0.02/0.06     | ND             | 0.02        | Pass   |
| Chlorantraniliprole          | 0.02/0.06     | ND             | 40.0        | Pass   |
| Chlordane                    | 0.02/0.06     | ND             | 0.02        | Pass   |
| Chlorfenapyr                 | 0.02/0.08     | ND             | 0.02        | Pass   |
| Chlorpyrifos                 | 0.02/0.06     | ND             | 0.02        | Pass   |
| Clofentezine                 | 0.02/0.06     | ND             | 0.5         | Pass   |
| Coumaphos                    | 0.02/0.06     | ND             | 0.02        | Pass   |
| Cyfluthrin                   | 0.10/0.30     | ND             | 1.0         | Pass   |
| Cypermethrin                 | 0.10/0.30     | ND             | 1.0         | Pass   |
| Daminozide                   | 0.02/0.06     | ND             | 0.02        | Pass   |
| DDVP (Dichlorvos)            | 0.02/0.06     | ND             | 0.02        | Pass   |
| Diazinon                     | 0.02/0.06     | ND             | 0.2         | Pass   |
| Dimethoate                   | 0.02/0.06     | ND             | 0.02        | Pass   |
| Dimethomorph                 | 0.02/0.06     | ND             | 20.0        | Pass   |
| Ethoprop(hos)                | 0.02/0.06     | ND             | 0.02        | Pass   |
| Etofenprox                   | 0.02/0.06     | ND             | 0.02        | Pass   |
| Etoxazole                    | 0.02/0.06     | ND             | 1.5         | Pass   |
| Fenhexamid                   | 0.02/0.06     | ND             | 10.0        | Pass   |
| Fenoxycarb                   | 0.02/0.06     | ND             | 0.02        | Pass   |
| Fenpyroximate                | 0.02/0.06     | ND             | 2.0         | Pass   |
| Fipronil                     | 0.02/0.06     | ND             | 0.02        | Pass   |
| Flonicamid                   | 0.02/0.06     | ND             | 2.0         | Pass   |
| Fludioxonil                  | 0.02/0.06     | ND             | 30.0        | Pass   |
| Hexythiazox                  | 0.02/0.06     | ND             | 2.0         | Pass   |
| Imazalil                     | 0.02/0.06     | ND             | 0.02        | Pass   |
| lmidacloprid                 | 0.02/0.06     | ND             | 3.0         | Pass   |
| Kresoxim Methyl              | 0.02/0.06     | ND             | 1.0         | Pass   |
| Malathion                    | 0.02/0.06     | ND             | 5.0         | Pass   |
| Metalaxyl                    | 0.02/0.06     | ND             | 15.0        | Pass   |
| Methiocarb                   | 0.02/0.06     | ND             | 0.02        | Pass   |
| Methomyl                     | 0.02/0.06     | ND             | 0.1         | Pass   |
| Methyl parathion             | 0.02/0.06     | ND             | 0.02        | Pass   |
| Mevinphos                    | 0.02/0.06     | ND             | 0.02        | Pass   |
| Myclobutanil                 | 0.02/0.06     | ND             | 9.0         | Pass   |
| Naled                        | 0.02/0.06     | ND             | 0.5         | Pass   |
| Oxamyl                       | 0.02/0.06     | ND             | 0.2         | Pass   |
| Paclobutrazol                | 0.02/0.06     | ND             | 0.02        | Pass   |
| Pentachloronitrobenzene      | 0.04/0.10     | ND             | 0.2         | Pass   |
| Permethrins                  | 0.10/0.30     | ND             | 20.0        | Pass   |
| Phosmet                      | 0.02/0.06     | ND             | 0.2         | Pass   |
| Piperonyl Butoxide           | 0.02/0.06     | ND             | 8.0         | Pass   |
| Prallethrin                  | 0.04/0.10     | ND             | 0.4         | Pass   |
| Propiconazole                | 0.02/0.06     | ND             | 20.0        | Pass   |
| Propoxur                     | 0.02/0.06     | ND             | 0.02        | Pass   |
| Pyrethrins                   | 0.15/0.50     | ND             | 1.0         | Pass   |
| Pyridaben                    | 0.02/0.06     | ND             | 3.0         | Pass   |
| Spinetoram                   | 0.02/0.06     | ND             | 3.0         | Pass   |
| Spinosad                     | 0.02/0.06     | ND             | 3.0         | Pass   |
| Spiromesifen                 | 0.04/0.10     | ND             | 12.0        | Pass   |
|                              | 0.02/0.06     | ND             | 13.0        | Pass   |
| Spirotetramat<br>Spirovamine | 0.02/0.06     | ND             | 0.02        | Pass   |
| Spiroxamine<br>Tehucopazole  | 0.02/0.06     | ND             | 2.0         | Pass   |
| Tebuconazole<br>Thiacloprid  | 0.02/0.06     | ND<br>ND       | 0.02        | Pass   |
| Thiamethoxam                 | 0.02/0.06     | ND             | 4.5         | Pass   |
|                              |               |                |             |        |



# **Certificate of Analysis**

08/18/2023 Residual Solvent Screen Pass

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

| Analyte                              | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|--------------------------------------|---------------|----------------|-------------|--------|
| 1,2-Dichloroethane                   | 0.2/0.5       | ND             | 1           | Pass   |
| Acetone                              | 67/200        | ND             | 5000        | Pass   |
| Acetonitrile                         | 67/200        | ND             | 410         | Pass   |
| Benzene                              | 0.2/0.5       | ND             | 3           | Pass   |
| n-Butane                             | 67/200        | ND             | 5000        | Pass   |
| Chloroform                           | 0.2/0.5       | ND             | 1           | Pass   |
| Ethanol                              | 67/200        | 619.9          | 5000        | Pass   |
| Ethyl acetate                        | 67/200        | ND             | 5000        | Pass   |
| Ethyl ether                          | 67/200        | ND             | 5000        | Pass   |
| Ethylene oxide                       | 0.2/0.5       | ND             | 31.         | Pass   |
| n-Heptane                            | 67/200        | ND             | 5000        | Pass   |
| n-Hexane                             | 67/200        | ND             | 290         | Pass   |
| Isopropyl alcohol                    | 67/200        | ND             | 5000        | Pass   |
| Methanol                             | 67/200        | ND             | 3000        | Pass   |
| Methylene chloride                   | 0.2/0.5       | ND             | 9           | Pass   |
| n-Pentane                            | 67/200        | ND             | 5000        | Pass   |
| Propane                              | 67/200        | ND             | 5000        | Pass   |
| Toluene                              | 67/200        | ND             | 890         | Pass   |
| Total xylenes (ortho-, meta-, para-) | 67/200        | ND             | 2170        | Pass   |
| Trichloroethylene                    | 0.2/0.5       | ND             | 1           | Pass   |

**Heavy Metal Screen** Pass

MF-CHEM-16

Method:

08/18/2023

Instrument: Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---------|----------------|-----------------|--------------|--------|
| Arsenic | 0.02/0.05      | ND              | 1.5          | Pass   |
| Cadmium | 0.02/0.05      | ND              | 0.5          | Pass   |
| Mercury | 0.02/0.05      | ND              | 3            | Pass   |
| Lead    | 0.02/0.05      | ND              | 0.5          | Pass   |

Mycotoxin Screen 08/18/2023

MF-CHEM-13 Method:

Instrument: Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte          | LOD/LOQ (ppb) | Findings (ppb) | Limit (ppb) | Status   |
|------------------|---------------|----------------|-------------|----------|
| Aflatoxin B1     | 2/5           | ND             | *           | <u>+</u> |
| Aflatoxin B2     | 2/5           | ND             | 4           |          |
| Aflatoxin G1     | 2/5           | ND             | 8           | *        |
| Aflatoxin G2     | 2/5           | ND             | 2           | 4        |
| Total Aflatoxins | 8/20          | ND             | 20          | Pass     |
| Ochratoxin A     | 6/20          | ND             | 20          | Pass     |

(-) = Not Tested, ND = None Detected, <LOQ = Below Limit of Quantitation, LOD = Limit of Detection

Reported by

Vii I am Lab Co Director

Scan to verify





## CERTIFICATE OF ANALYSIS

### #'\_Y546, #'\_YF: 54'SUTWAR>[\_W0g\_\_[W

| Batch ID or Lot Number: 230928B | Test:<br>Microbial Contaminants       | Reported: <b>09Oct2023</b> | USDA License:<br>N/A |  |
|---------------------------------|---------------------------------------|----------------------------|----------------------|--|
| Matrix:                         | Test ID:                              | Started:                   | Sampler ID:          |  |
| Finished Product                | T000258234                            | 06Oct2023                  | N/A                  |  |
|                                 | Method(s):                            | Received:                  | Status:              |  |
|                                 | TM25 (qPCR) TM24, TM26, TM27          | 06Oct2023                  | Active               |  |
|                                 | (Culture Plating): Microbial (Colorad | do                         |                      |  |
|                                 | Panel)                                |                            |                      |  |

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

**Final Approval** 



**Brianne Maillot** 09Oct2023 01:07:00 PM MDT

Eden Thompson

Eden Thompson-Wright 09Oct2023 02:08:00 PM MDT



PREPARED BY / DATE

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/5063458f-1b2b-4e87-a387-97d2dc4fef77

#### **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.











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