



# Certificate of Analysis

**CANNABUSINESS LABORATORIES, LLC**

**Customer:**

Palmetto Synergistic Research  
8856 Pee Dee Hwy  
Conway, SC 29527 / 843-331-1246

Sample ID **221229012**  
Order Number **CB221229008**  
Sample Name **Weight Loss Gummy**

External Sample ID

Received Date **12/29/2022**  
COA Released **1/10/2023**

Batch Number **22357**  
Product Type **Edible**  
Sample Type **Edible**

Comments *THCV analysis performed by LCMS-8050*  
*THCV % - 0.110%*  
*THCV mg/g - 1.098mg/g*

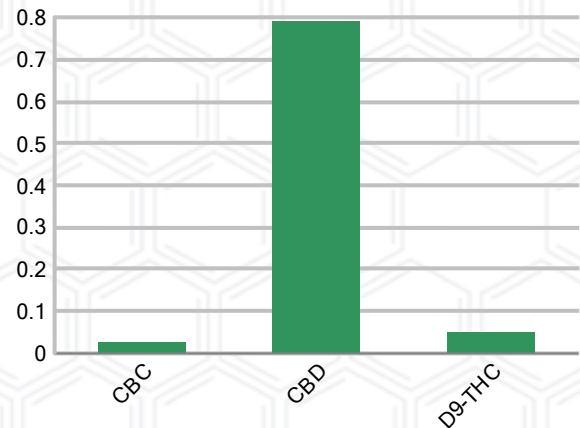
## CANNABINOID PROFILE (Product Size = 2.76 g)

| Analyte  | LOQ (%) | % Weight     | mg/g         | mg/unit          |
|--|---------|--------------|--------------|------------------|
| CBC  | 0.01    | 0.028        | 0.279        | 0.77             |
| CBD  | 0.01    | 0.792        | 7.919        | 21.86            |
| CBDa   | 0.01    | ND           | ND           | ND               |
| CBDV   | 0.01    | ND           | ND           | ND               |
| CBG  | 0.01    | ND           | ND           | ND               |
| CBGa   | 0.01    | ND           | ND           | ND               |
| CBN  | 0.01    | ND           | ND           | ND               |
| d8-THC   | 0.01    | ND           | ND           | ND               |
| d9-THC   | 0.01    | 0.050        | 0.496        | 1.37             |
| THCa   | 0.01    | ND           | ND           | ND               |
| <b>Total Cannabinoids</b>                                  |         | <b>0.869</b> | <b>8.694</b> | <b>24.00</b>     |
| <b>Total Potential THC</b>                                 |         | <b>0.050</b> | <b>0.496</b> | <b>1.37</b>      |
| <b>Total Potential CBD</b>                                 |         | <b>0.792</b> | <b>7.919</b> | <b>21.86</b>     |
| <b>Total Potential CBG</b>                                 |         | <b>N/A</b>   | <b>N/A</b>   | <b>ND</b>        |
| <b>Ratio of Total Potential CBD to Total Potential THC</b> |         |              |              | <b>15.84 : 1</b> |
| <b>Ratio of Total Potential CBG to Total Potential THC</b> |         |              |              | <b>N/A</b>       |

## SAMPLE IMAGE



## CANNABINOIDS % Weight



\*Total Cannabinoids refers to the sum of all cannabinoids detected.

\*Total Potential CBD = (0.877 x CBDa) + CBD. \*Total Potential THC = (0.877 x THCa) + THC. \*Total Potential CBG = (0.877 x CBGa) + CBG.

\*Total Potential THC/CBD are calculated to take into account the loss of an acid group during decarboxylation.



*J. Hobgood*  
Laboratory Manager

SIGNATURE

Jamie Hobgood

LABORATORY MANAGER

01/10/2023 4:42 PM

DATE

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaBusiness Laboratories 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 permission of CannaBusiness Laboratories. Photo is of sample received by the lab and may vary from final packaging. The results apply to the sample as received.



# Certificate of Analysis

## CANNABUSINESS LABORATORIES, LLC

### Customer

Palmetto Synergistic Research  
 8856 Pee Dee Hwy  
 Conway, SC 29527 / 843-331-1246



| Overall Batch Results |                   |
|-----------------------|-------------------|
| Pesticide             | Moisture Content  |
| Potency               | Water Activity    |
| Mycotoxins            | Heavy Metals      |
| Microbial Screen      | Residual Solvents |
| Terpenoids            |                   |

**Sample Name:** Weight Loss Gummy

**Sample ID:** 221229012

**Order Number:** CB221229008

**Product Type:** Edible

**Sample Type:** Edible

**Received Date:** 12/29/2022

**Batch Number:** 22357

**COA released:** 01/10/2023 4:42 PM

| Potency (mg/g)          |                    |  |  |
|-------------------------|--------------------|--|--|
| Date Tested: 01/03/2023 | Method: CB-SOP-028 |  |  |
| Instrument:             |                    |  |  |

|                |                |                    |                    |
|----------------|----------------|--------------------|--------------------|
| <b>0.050 %</b> | <b>0.792 %</b> | <b>0.869 %</b>     | <b>8.694 mg/g</b>  |
| Total THC      | Total CBD      | Total Cannabinoids | Total Cannabinoids |

| Analyte                            | Result | Units | LOQ   | Result | Units |
|------------------------------------|--------|-------|-------|--------|-------|
| CBC (Cannabichromene)              | 0.028  | %     | 0.010 | 0.279  | mg/g  |
| CBD (Cannabidiol)                  | 0.792  | %     | 0.010 | 7.919  | mg/g  |
| CBDa (Cannabidiolic Acid)          | ND     | %     | 0.010 | ND     | mg/g  |
| CBDV (Cannabidivarin)              | ND     | %     | 0.010 | ND     | mg/g  |
| CBG (Cannabigerol)                 | ND     | %     | 0.010 | ND     | mg/g  |
| CBGa (Cannabigerolic Acid)         | ND     | %     | 0.010 | ND     | mg/g  |
| CBN (Cannabinol)                   | ND     | %     | 0.010 | ND     | mg/g  |
| D8-THC (D8-Tetrahydrocannabinol)   | ND     | %     | 0.010 | ND     | mg/g  |
| D9-THC (D9-Tetrahydrocannabinol)   | 0.050  | %     | 0.010 | 0.496  | mg/g  |
| THCa (Tetrahydrocannabinolic Acid) | ND     | %     | 0.010 | ND     | mg/g  |

| Terpenoids              |                    |  |  |  |  |
|-------------------------|--------------------|--|--|--|--|
| Date Tested: 01/06/2023 | Method: CB-SOP-026 |  |  |  |  |
| Instrument:             |                    |  |  |  |  |

| Analyte                       | Result | Unit | LOQ   | Result | Unit |
|-------------------------------|--------|------|-------|--------|------|
| alpha-Bisabolol               | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| alpha-humulene                | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| alpha-pinene                  | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| alpha-terpinene               | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| beta-caryophyllene            | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Beta-myrcene                  | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Beta-pinene                   | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| cis-Nerolidol                 | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Camphene                      | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| d-Limonene                    | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| delta-3-Carene                | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Eucalyptol                    | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| gamma-Terpinene               | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Geraniol                      | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Guaial                        | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Isopulegol                    | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Linalool                      | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Ocimene (mixture of isomers)  | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| p-Isopropyltoluene (p-Cymene) | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| trans-beta-Ocimene            | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| trans-Nerolidol               | <LOQ   | mg/g | 0.100 | <LOQ   | %    |
| Terpinolene                   | <LOQ   | mg/g | 0.100 | <LOQ   | %    |

| Pesticides              |                    |  |  |
|-------------------------|--------------------|--|--|
| Date Tested: 01/07/2023 | Method: CB-SOP-025 |  |  |
| Instrument:             |                    |  |  |

| Analyte      | Result | Units | LOQ   | Result | Analyte             | Result | Units | LOQ   | Result |
|--------------|--------|-------|-------|--------|---------------------|--------|-------|-------|--------|
| Acephate     | ND     | ppm   | 0.010 |        | Acetamiprid         | ND     | ppm   | 0.010 |        |
| Aldicarb     | ND     | ppm   | 0.010 |        | Azoxystrobin        | ND     | ppm   | 0.010 |        |
| Bifenazate   | ND     | ppm   | 0.010 |        | Bifenthrin          | ND     | ppm   | 0.100 |        |
| Boscalid     | ND     | ppm   | 0.010 |        | Carbaryl            | ND     | ppm   | 0.010 |        |
| Carbofuran   | ND     | ppm   | 0.010 |        | Chlorantraniliprole | ND     | ppm   | 0.010 |        |
| Chlorpyrifos | ND     | ppm   | 0.010 |        | Clofentezine        | ND     | ppm   | 0.010 |        |
| Coumaphos    | ND     | ppm   | 0.010 |        | Daminozide          | ND     | ppm   | 0.010 |        |
| Diazinon     | ND     | ppm   | 0.010 |        | Dichlorvos          | ND     | ppm   | 0.100 |        |
| Dimethoate   | ND     | ppm   | 0.010 |        | Etofenprox          | ND     | ppm   | 0.010 |        |
| Ettoxazole   | ND     | ppm   | 0.010 |        | Fenhexamid          | ND     | ppm   | 0.010 |        |
| Fenoxycarb   | ND     | ppm   | 0.010 |        | Fenpyroximate       | ND     | ppm   | 0.010 |        |
| Fipronil     | ND     | ppm   | 0.010 |        | Fonicamid           | ND     | ppm   | 0.100 |        |
| Fludioxonil  | ND     | ppm   | 0.010 |        | Hexythiazox         | ND     | ppm   | 0.010 |        |

NT = Not tested, ND = Not detected; LOQ = Limit of Quantitation; <LOQ = Detected; >ULOL = Above upper limit of linearity; CFU/g = Colony forming units per 1 gram; TNTC = Too numerous to count

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaBusiness Laboratories 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 permission of CannaBusiness Laboratories. Photo is of sample received by the lab and may vary from final packaging. The results apply to the sample as received.



# Certificate of Analysis

## CANNABUSINESS LABORATORIES, LLC

| Pesticides              |  |  |                    |  |  |             |  |  |
|-------------------------|--|--|--------------------|--|--|-------------|--|--|
| Date Tested: 01/07/2023 |  |  | Method: CB-SOP-025 |  |  | Instrument: |  |  |

| Analyte       | Result | Units | LOQ   | Result | Analyte            | Result | Units | LOQ   | Result |
|---------------|--------|-------|-------|--------|--------------------|--------|-------|-------|--------|
| Imazalil      | ND     | ppm   | 0.010 |        | Imidacloprid       | ND     | ppm   | 0.010 |        |
| Malathion     | ND     | ppm   | 0.010 |        | Metalaxyl          | ND     | ppm   | 0.010 |        |
| Methiocarb    | ND     | ppm   | 0.010 |        | Methomyl           | ND     | ppm   | 0.010 |        |
| Myclobutanil  | ND     | ppm   | 0.010 |        | Naled              | ND     | ppm   | 0.010 |        |
| Oxamyl        | ND     | ppm   | 0.010 |        | Paclobutrazol      | ND     | ppm   | 0.010 |        |
| Phosmet       | ND     | ppm   | 0.010 |        | Prallethrin        | ND     | ppm   | 0.010 |        |
| Propiconazole | ND     | ppm   | 0.010 |        | Propoxur           | ND     | ppm   | 0.010 |        |
| Pyrethrin I   | ND     | ppm   | 0.010 |        | Pyrethrin II       | ND     | ppm   | 0.010 |        |
| Pyridaben     | ND     | ppm   | 0.010 |        | Spinetoram         | ND     | ppm   | 0.010 |        |
| Spiromesifen  | ND     | ppm   | 0.010 |        | Spirotetramat      | ND     | ppm   | 0.010 |        |
| Tebuconazole  | ND     | ppm   | 0.010 |        | Thiacloprid        | ND     | ppm   | 0.010 |        |
| Thiamethoxam  | ND     | ppm   | 0.010 |        | Trifloxystrobin    | ND     | ppm   | 0.010 |        |
| Ethoprophos   | ND     | ppm   | 0.010 |        | Kresoxym-methyl    | ND     | ppm   | 0.010 |        |
| Permethrins   | ND     | ppm   | 0.010 |        | Piperonyl Butoxide | ND     | ppm   | 0.010 |        |
| Spinosyn A    | ND     | ppm   | 0.010 |        | Spiroxamine-1      | ND     | ppm   | 0.010 |        |
| AbamectinB1a  | ND     | ppm   | 0.010 |        | Spinosyn D         | ND     | ppm   | 0.010 |        |

| Mycotoxins              |  |  |                    |  |  |             |  |  |
|-------------------------|--|--|--------------------|--|--|-------------|--|--|
| Date Tested: 01/07/2023 |  |  | Method: CB-SOP-025 |  |  | Instrument: |  |  |

| Analyte      | Result | Units | LOQ   | Result | Analyte      | Result | Units | LOQ   | Result |
|--------------|--------|-------|-------|--------|--------------|--------|-------|-------|--------|
| Ochratoxin A | ND     | ppm   | 0.010 |        | Aflatoxin B1 | ND     | ppm   | 0.010 |        |
| Aflatoxin G2 | ND     | ppm   | 0.010 |        | Aflatoxin B2 | ND     | ppm   | 0.010 |        |
| Aflatoxin G1 | ND     | ppm   | 0.010 |        |              |        |       |       |        |

| Metals                  |  |  |                    |  |  |             |  |  |
|-------------------------|--|--|--------------------|--|--|-------------|--|--|
| Date Tested: 01/06/2023 |  |  | Method: CB-SOP-027 |  |  | Instrument: |  |  |

| Analyte | Result | Units | LOQ   | Result | Analyte | Result | Units | LOQ   | Result |
|---------|--------|-------|-------|--------|---------|--------|-------|-------|--------|
| Arsenic | <LOQ   | ppm   | 0.500 |        | Cadmium | <LOQ   | ppm   | 0.500 |        |
| Lead    | <LOQ   | ppm   | 0.500 |        | Mercury | <LOQ   | ppm   | 3.000 |        |

| Microbial               |  |  |         |  |  |             |  |  |
|-------------------------|--|--|---------|--|--|-------------|--|--|
| Date Tested: 01/10/2023 |  |  | Method: |  |  | Instrument: |  |  |

| Analyte          | Result   | Units | LOQ | Result | Analyte           | Result   | Units | LOQ | Result |
|------------------|----------|-------|-----|--------|-------------------|----------|-------|-----|--------|
| STEC (E. coli)   | Negative |       |     |        | Salmonella        | Negative |       |     |        |
| L. monocytogenes | Negative |       |     |        | Yeast/Mold (qPCR) | 0        | CFUs  |     |        |

| Residual Solvent        |  |  |                    |  |  |             |  |  |
|-------------------------|--|--|--------------------|--|--|-------------|--|--|
| Date Tested: 01/07/2023 |  |  | Method: CB-SOP-032 |  |  | Instrument: |  |  |

| Analyte            | Result | Units | LOQ | Result | Analyte         | Result | Units | LOQ | Result |
|--------------------|--------|-------|-----|--------|-----------------|--------|-------|-----|--------|
| 1-4 Dioxane        | <LOQ   | ppm   | 29  |        | 2-Butanol       | <LOQ   | ppm   | 175 |        |
| 2-Ethoxyethanol    | <LOQ   | ppm   | 24  |        | 2-Methylpentane | <LOQ   | ppm   | 87  |        |
| 3-Methylpentane    | <LOQ   | ppm   | 87  |        | 2-Propanol      | <LOQ   | ppm   | 350 |        |
| Cyclohexane        | <LOQ   | ppm   | 146 |        | Ether           | <LOQ   | ppm   | 350 |        |
| Ethylbenzene       | <LOQ   | ppm   | 81  |        | Acetone         | <LOQ   | ppm   | 350 |        |
| Isopropyl Acetate  | <LOQ   | ppm   | 175 |        | Methylbutane    | <LOQ   | ppm   | 350 |        |
| n-Heptane          | <LOQ   | ppm   | 350 |        | n-Hexane        | <LOQ   | ppm   | 87  |        |
| n-Pentane          | <LOQ   | ppm   | 350 |        | Tetrahydrofuran | <LOQ   | ppm   | 54  |        |
| Acetonitrile       | <LOQ   | ppm   | 123 |        | Ethanol         | <LOQ   | ppm   | 350 |        |
| Ethyl acetate      | <LOQ   | ppm   | 175 |        | o-Xylene        | <LOQ   | ppm   | 81  |        |
| m+p-Xylene         | <LOQ   | ppm   | 163 |        | Methanol        | <LOQ   | ppm   | 250 |        |
| Methylene Chloride | <LOQ   | ppm   | 90  |        | Toluene         | <LOQ   | ppm   | 67  |        |

NT = Not tested, ND = Not detected; LOQ = Limit of Quantitation; <LOQ = Detected; >ULOL = Above upper limit of linearity; CFU/g = Colony forming units per 1 gram; TNTC = Too numerous to count

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaBusiness Laboratories 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 permission of CannaBusiness Laboratories. Photo is of sample received by the lab and may vary from final packaging. The results apply to the sample as received.



# Certificate of Analysis

## CANNABUSINESS LABORATORIES, LLC



  
Laboratory Manager

Jamie Hobgood

01/10/2023 4:42 PM

SIGNATURE

DATE

NT = Not tested, ND = Not detected; LOQ = Limit of Quantitation; <LOQ = Detected; >ULOL = Above upper limit of linearity; CFU/g = Colony forming units per 1 gram; TNTC = Too numerous to count

This product has been tested by CannaBusiness Laboratories using validated testing methodologies and a quality system. Values reported relate only to the product tested. CannaBusiness Laboratories 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 permission of CannaBusiness Laboratories. Photo is of sample received by the lab and may vary from final packaging. The results apply to the sample as received.