

**SAMPLE NAME: pawcbd Chicken and Bacon 150 mg Chews**

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER**

Business Name:

License Number:

Address:

**DISTRIBUTOR / TESTED FOR**

Business Name: Paw CBD

License Number:

Address:

**SAMPLE DETAIL**

Batch Number: 210916B1243

Sample ID: 210930N008

Date Collected: 09/30/2021

Date Received: 09/30/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass: 105 grams per Unit

Serving Size: 3.5 grams per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

Total THC: **Not Detected**

Total CBD: **183.855 mg/unit**

Sum of Cannabinoids: **195.615 mg/unit**

Total Cannabinoids: **195.615 mg/unit**

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$

Total CBD =  $\text{CBD} + (\text{CBDA} \cdot 0.877)$

Sum of Cannabinoids =  $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDA} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Total Cannabinoids =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**SAFETY ANALYSIS - SUMMARY**

Pesticides: **✓PASS**

Mycotoxins: **✓PASS**

Residual Solvents: **✓PASS**

Heavy Metals: **✓PASS**


Microbiology (PCR): **✓PASS**

For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**Sample Certification:** California Code of Regulations Title 16 Effect Date January 16, 2019. Authority: Section 26013, Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

**Decision Rule:** Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

  
Approved by: Josh Wurzer, President  
Date: 10/04/2021

### Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

#### TOTAL THC: **Not Detected**

Total THC ( $\Delta 9$ THC +  $0.877 \times \text{THCa}$ )

#### TOTAL CBD: **183.855 mg/unit**

Total CBD ( $\text{CBD} + 0.877 \times \text{CBDa}$ )

#### TOTAL CANNABINOIDS: **195.615 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta 8$ THC + CBL + CBN

#### TOTAL CBG: **6.825 mg/unit**

Total CBG ( $\text{CBG} + 0.877 \times \text{CBGa}$ )

#### TOTAL THCV: **ND**

Total THCV ( $\text{THCV} + 0.877 \times \text{THCVa}$ )

#### TOTAL CBC: **ND**

Total CBC ( $\text{CBC} + 0.877 \times \text{CBCa}$ )

#### TOTAL CBDV: **ND**

Total CBDV ( $\text{CBDV} + 0.877 \times \text{CBDVa}$ )

### CANNABINOID TEST RESULTS - 10/02/2021

| COMPOUND            | LOD/LOQ (mg/g) | MEASUREMENT mg/g | RESULT (mg/g) | RESULT (%) |
|---------------------|----------------|------------------|---------------|------------|
| CBD                 | 0.004 / 0.011  | $\pm 0.0839$     | 1.751         | 0.1751     |
| CBG                 | 0.002 / 0.006  | $\pm 0.0040$     | 0.065         | 0.0065     |
| CBN                 | 0.001 / 0.007  | $\pm 0.0017$     | 0.047         | 0.0047     |
| $\Delta 9$ THC      | 0.002 / 0.014  | N/A              | ND            | ND         |
| $\Delta 8$ THC      | 0.01 / 0.02    | N/A              | ND            | ND         |
| THCa                | 0.001 / 0.005  | N/A              | ND            | ND         |
| THCV                | 0.002 / 0.012  | N/A              | ND            | ND         |
| THCVa               | 0.002 / 0.019  | N/A              | ND            | ND         |
| CBDa                | 0.001 / 0.026  | N/A              | ND            | ND         |
| CBDV                | 0.002 / 0.012  | N/A              | ND            | ND         |
| CBDVa               | 0.001 / 0.018  | N/A              | ND            | ND         |
| CBGa                | 0.002 / 0.007  | N/A              | ND            | ND         |
| CBL                 | 0.003 / 0.010  | N/A              | ND            | ND         |
| CBC                 | 0.003 / 0.010  | N/A              | ND            | ND         |
| CBCa                | 0.001 / 0.015  | N/A              | ND            | ND         |
| SUM OF CANNABINOIDS |                |                  | 1.863 mg/g    | 0.1863%    |

### Unit Mass: 105 grams per Unit / Serving Size: 3.5 grams per Serving

|                                 |                  |
|---------------------------------|------------------|
| $\Delta 9$ THC per Unit         | ND               |
| $\Delta 9$ THC per Serving      | ND               |
| Total THC per Unit              | ND               |
| Total THC per Serving           | ND               |
| CBD per Unit                    | 183.855 mg/unit  |
| CBD per Serving                 | 6.128 mg/serving |
| Total CBD per Unit              | 183.855 mg/unit  |
| Total CBD per Serving           | 6.128 mg/serving |
| Sum of Cannabinoids per Unit    | 195.615 mg/unit  |
| Sum of Cannabinoids per Serving | 6.520 mg/serving |
| Total Cannabinoids per Unit     | 195.615 mg/unit  |
| Total Cannabinoids per Serving  | 6.520 mg/serving |





### Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

### PESTICIDE TEST RESULTS - 10/02/2021 ✓ PASS

| COMPOUND            | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT µg/g | RESULT (µg/g) | RESULT |
|---------------------|----------------|---------------------|------------------|---------------|--------|
| Abamectin           | 0.03 / 0.10    | 0.3                 | N/A              | ND            | PASS   |
| Acephate            | 0.02 / 0.07    | 5                   | N/A              | ND            | PASS   |
| Acequinocyl         | 0.02 / 0.07    | 4                   | N/A              | ND            | PASS   |
| Acetamiprid         | 0.02 / 0.05    | 5                   | N/A              | ND            | PASS   |
| Aldicarb            | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Azoxystrobin        | 0.02 / 0.07    | 40                  | N/A              | ND            | PASS   |
| Bifenazate          | 0.01 / 0.04    | 5                   | N/A              | ND            | PASS   |
| Bifenthrin          | 0.02 / 0.05    | 0.5                 | N/A              | ND            | PASS   |
| Boscalid            | 0.03 / 0.09    | 10                  | N/A              | ND            | PASS   |
| Captan              | 0.19 / 0.57    | 5                   | N/A              | ND            | PASS   |
| Carbaryl            | 0.02 / 0.06    | 0.5                 | N/A              | ND            | PASS   |
| Carbofuran          | 0.02 / 0.05    | ≥ LOD               | N/A              | ND            | PASS   |
| Chlorantraniliprole | 0.04 / 0.12    | 40                  | N/A              | ND            | PASS   |
| Chlordane*          | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Chlorfenapyr*       | 0.03 / 0.10    | ≥ LOD               | N/A              | ND            | PASS   |
| Chlorpyrifos        | 0.02 / 0.06    | ≥ LOD               | N/A              | ND            | PASS   |
| Clofentezine        | 0.03 / 0.09    | 0.5                 | N/A              | ND            | PASS   |
| Coumaphos           | 0.02 / 0.07    | ≥ LOD               | N/A              | ND            | PASS   |
| Cyfluthrin          | 0.12 / 0.38    | 1                   | N/A              | ND            | PASS   |
| Cypermethrin        | 0.11 / 0.32    | 1                   | N/A              | ND            | PASS   |
| Daminozide          | 0.02 / 0.07    | ≥ LOD               | N/A              | ND            | PASS   |
| DDVP (Dichlorvos)   | 0.03 / 0.09    | ≥ LOD               | N/A              | ND            | PASS   |
| Diazinon            | 0.02 / 0.05    | 0.2                 | N/A              | ND            | PASS   |
| Dimethoate          | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Dimethomorph        | 0.03 / 0.09    | 20                  | N/A              | ND            | PASS   |
| Ethoprop(hos)       | 0.03 / 0.10    | ≥ LOD               | N/A              | ND            | PASS   |
| Etofenprox          | 0.02 / 0.06    | ≥ LOD               | N/A              | ND            | PASS   |
| Etoxazole           | 0.02 / 0.06    | 1.5                 | N/A              | ND            | PASS   |
| Fenhexamid          | 0.03 / 0.09    | 10                  | N/A              | ND            | PASS   |
| Fenoxycarb          | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Fenpyroximate       | 0.02 / 0.06    | 2                   | N/A              | ND            | PASS   |
| Fipronil            | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Flonicamid          | 0.03 / 0.10    | 2                   | N/A              | ND            | PASS   |
| Fludioxonil         | 0.03 / 0.10    | 30                  | N/A              | ND            | PASS   |
| Hexythiazox         | 0.02 / 0.07    | 2                   | N/A              | ND            | PASS   |
| Imazalil            | 0.02 / 0.06    | ≥ LOD               | N/A              | ND            | PASS   |
| Imidacloprid        | 0.04 / 0.11    | 3                   | N/A              | ND            | PASS   |
| Kresoxim-methyl     | 0.02 / 0.07    | 1                   | N/A              | ND            | PASS   |
| Malathion           | 0.03 / 0.09    | 5                   | N/A              | ND            | PASS   |
| Metalaxyl           | 0.02 / 0.07    | 15                  | N/A              | ND            | PASS   |
| Methiocarb          | 0.02 / 0.07    | ≥ LOD               | N/A              | ND            | PASS   |

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### Pesticide Analysis *Continued*

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

### PESTICIDE TEST RESULTS - 10/02/2021 *continued* ✓ PASS

| COMPOUND                 | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT µg/g | RESULT (µg/g) | RESULT |
|--------------------------|----------------|---------------------|------------------|---------------|--------|
| Methomyl                 | 0.03 / 0.10    | 0.1                 | N/A              | ND            | PASS   |
| Methyl parathion         | 0.03 / 0.10    | ≥ LOD               | N/A              | ND            | PASS   |
| Mevinphos                | 0.03 / 0.09    | ≥ LOD               | N/A              | ND            | PASS   |
| Myclobutanil             | 0.03 / 0.09    | 9                   | N/A              | ND            | PASS   |
| Naled                    | 0.02 / 0.07    | 0.5                 | N/A              | ND            | PASS   |
| Oxamyl                   | 0.04 / 0.11    | 0.2                 | N/A              | ND            | PASS   |
| Paclobutrazol            | 0.02 / 0.05    | ≥ LOD               | N/A              | ND            | PASS   |
| Pentachloronitrobenzene* | 0.03 / 0.09    | 0.2                 | N/A              | ND            | PASS   |
| Permethrin               | 0.04 / 0.12    | 20                  | N/A              | ND            | PASS   |
| Phosmet                  | 0.03 / 0.10    | 0.2                 | N/A              | ND            | PASS   |
| Piperonylbutoxide        | 0.02 / 0.07    | 8                   | N/A              | ND            | PASS   |
| Prallethrin              | 0.03 / 0.08    | 0.4                 | N/A              | ND            | PASS   |
| Propiconazole            | 0.02 / 0.07    | 20                  | N/A              | ND            | PASS   |
| Propoxur                 | 0.03 / 0.09    | ≥ LOD               | N/A              | ND            | PASS   |
| Pyrethrins               | 0.04 / 0.12    | 1                   | N/A              | ND            | PASS   |
| Pyridaben                | 0.02 / 0.07    | 3                   | N/A              | ND            | PASS   |
| Spinetoram               | 0.02 / 0.07    | 3                   | N/A              | ND            | PASS   |
| Spinosad                 | 0.02 / 0.07    | 3                   | N/A              | ND            | PASS   |
| Spiromesifen             | 0.02 / 0.05    | 12                  | N/A              | ND            | PASS   |
| Spirotetramat            | 0.02 / 0.06    | 13                  | N/A              | ND            | PASS   |
| Spiroxamine              | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Tebuconazole             | 0.02 / 0.07    | 2                   | N/A              | ND            | PASS   |
| Thiacloprid              | 0.03 / 0.10    | ≥ LOD               | N/A              | ND            | PASS   |
| Thiamethoxam             | 0.03 / 0.10    | 4.5                 | N/A              | ND            | PASS   |
| Trifloxystrobin          | 0.03 / 0.08    | 30                  | N/A              | ND            | PASS   |



### Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

### MYCOTOXIN TEST RESULTS - 10/02/2021 ✓ PASS

| COMPOUND        | LOD/LOQ (µg/kg) | ACTION LIMIT (µg/kg) | MEASUREMENT µg/kg | RESULT (µg/kg) | RESULT |
|-----------------|-----------------|----------------------|-------------------|----------------|--------|
| Aflatoxin B1    | 2.0 / 6.0       | 5                    | N/A               | ND             | PASS   |
| Aflatoxin B2    | 1.8 / 5.6       | 20                   | N/A               | ND             | PASS   |
| Aflatoxin G1    | 1.0 / 3.1       | 20                   | N/A               | ND             | PASS   |
| Aflatoxin G2    | 1.2 / 3.5       | 20                   | N/A               | ND             | PASS   |
| Total Aflatoxin |                 | 20                   |                   | ND             | PASS   |
| Ochratoxin A    | 6.3 / 19.2      | 5                    | N/A               | ND             | PASS   |





### Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

**Method:** QSP 1204 - Analysis of Residual Solvents by GC-MS

RESIDUAL SOLVENTS TEST RESULTS - 10/02/2021 ✓ PASS

| COMPOUND           | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT µg/g | RESULT (µg/g) | RESULT |
|--------------------|----------------|---------------------|------------------|---------------|--------|
| Propane            | 10 / 20        | 5000                | N/A              | ND            | PASS   |
| Butane             | 10 / 50        | 5000                | N/A              | ND            | PASS   |
| Pentane            | 20 / 50        | 5000                | N/A              | ND            | PASS   |
| Hexane             | 2 / 5          | 290                 | N/A              | ND            | PASS   |
| Heptane            | 20 / 60        | 5000                | N/A              | ND            | PASS   |
| Benzene            | 0.03 / 0.09    | 1                   | N/A              | ND            | PASS   |
| Toluene            | 7 / 21         | 890                 | N/A              | ND            | PASS   |
| Total Xylenes      | 50 / 160       | 2170                | N/A              | ND            | PASS   |
| Methanol           | 50 / 200       | 3000                | N/A              | ND            | PASS   |
| Ethanol            | 20 / 50        | 5000                | N/A              | ND            | PASS   |
| Isopropyl Alcohol  | 10 / 40        | 5000                | N/A              | ND            | PASS   |
| Acetone            | 20 / 50        | 5000                | N/A              | ND            | PASS   |
| Ethyl ether        | 20 / 50        | 5000                | N/A              | ND            | PASS   |
| Ethylene Oxide     | 0.3 / 0.8      | 1                   | N/A              | ND            | PASS   |
| Ethyl acetate      | 20 / 60        | 5000                | N/A              | ND            | PASS   |
| Chloroform         | 0.1 / 0.2      | 1                   | N/A              | ND            | PASS   |
| Methylene chloride | 0.3 / 0.9      | 1                   | N/A              | ND            | PASS   |
| Trichloroethylene  | 0.1 / 0.3      | 1                   | N/A              | ND            | PASS   |
| 1,2-Dichloroethane | 0.05 / 0.1     | 1                   | N/A              | ND            | PASS   |
| Acetonitrile       | 2 / 7          | 410                 | N/A              | ND            | PASS   |



### Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

**Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 10/01/2021 ✓ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT µg/g | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|------------------|---------------|--------|
| Arsenic  | 0.02 / 0.1     | 0.42                | ±0.00            | 0.1           | PASS   |
| Cadmium  | 0.02 / 0.05    | 0.27                | N/A              | <LOQ          | PASS   |
| Lead     | 0.04 / 0.1     | 0.5                 | N/A              | ND            | PASS   |
| Mercury  | 0.002 / 0.01   | 0.4                 | N/A              | ND            | PASS   |



### Microbiology Analysis

PCR

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

**Method:** QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 10/02/2021 ✓ PASS

| COMPOUND                                      | ACTION LIMIT       | RESULT | RESULT |
|---|--------------------|--------|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | Not Detected in 1g | ND     | PASS   |
| <i>Salmonella</i> spp.                        | Not Detected in 1g | ND     | PASS   |
| <i>Listeria monocytogenes</i>                 | Detect             | ND     | PASS   |



## Certificate of Analysis

### CBD Industries

8845 Red Oak Blvd  
Charlotte North Carolina 28217 United States

|                            |  |                          |                                  |
|----------------------------|--|--------------------------|----------------------------------|
| <b>Sample Name:</b>        | <b>pawcbd Chicken and Bacon 150 mg</b> | <b>Eurofins Sample:</b>  | <b>11002271</b>                  |
| <b>Project ID</b>          | CBD_INDUST-20210929-0075               | <b>Receipt Date</b>      | 30-Sep-2021                      |
| <b>PO Number</b>           | CVD                                    | <b>Receipt Condition</b> | Ambient temperature              |
| <b>Lot Number</b>          | 210916B1243                            | <b>Login Date</b>        | 29-Sep-2021                      |
| <b>Sample Serving Size</b> |  | <b>Date Started</b>      | 06-Oct-2021                      |
|                            |  | <b>Sampled</b>           | Sample results apply as received |
|                            |  | <b>Online Order</b>      | 14794-16170F6C                   |

#### Analysis

#### Result

##### Aerobic Plate Count

Aerobic Plate Count

850 (est) CFU/g

##### Yeast and Mold Count

Combined Yeast and Mold Count

200 (est) CFU/g

#### Method References

#### Testing Location

##### Aerobic Plate Count (USPC2021)

##### Eurofins Micro Lab - Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

\*\*Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

##### Yeast and Mold Count (USPM2021)

##### Eurofins Micro Lab - Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

USP Current revision, Chapter 2021.

To satisfy the requirements of the USP, the Preparatory Test must be completed on each matrix.

\*\*Based on the results of the preparatory test, the detection limit stipulated is adequate for the enumeration of the specified microorganisms.

## Certificate of Analysis

### CBD Industries

8845 Red Oak Blvd

Charlotte North Carolina 28217 United States

| Testing Location(s)   | Released on Behalf of Eurofins by                       |
|---|---|
| <b>Food Integrity Innovation-Madison</b><br><br>Eurofins Food Chemistry Testing Madison, Inc.<br>6304 Ronald Reagan Ave<br>Madison WI 53704<br>800-675-8375 | <b>Edward Ladwig - President Eurofins Food Chemistr</b> |

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.