

**SAMPLE NAME:** pawcbd Chicken and Bacon 150 mg Softchews  
Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**

**Business Name:**  
**License Number:**  
**Address:**

**DISTRIBUTOR**

**Business Name:** Paw CBD  
**License Number:**  
**Address:**

**SAMPLE DETAIL**

**Batch Number:** 201001B1058  
**Sample ID:** 201025G001

**Date Collected:** 10/25/2020  
**Date Received:** 10/25/2020  
**Batch Size:**  
**Sample Size:** 1.0 units  
**Unit Mass:** 3.2005 grams per Unit  
**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** Not Detected

**Total CBD:** 5.396 mg/unit

**Sum of Cannabinoids:** 5.738 mg/unit

**Total Cannabinoids:** 5.739 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 =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**Moisture:** NT

**Density:** NT

**Viscosity:** NT

**SAFETY ANALYSIS - SUMMARY**

**$\Delta 9\text{THC}$  per Unit:** ✔ PASS

**Foreign Material:** NT

**Water Activity:** NT

**Vitamin E Acetate:** NT

**Pesticides:** ✔ PASS

**Mycotoxins:** ✔ PASS

**Residual Solvents:** ✔ PASS

**Heavy Metals:** ✔ PASS

**Microbial Impurities (PCR):** ✔ PASS

**Microbial Impurities (Plating):** NT

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)

*Randi Vuong*  
LOC verified by: Randi Vuong  
Date: 10/26/2020

*Josh Wurzer*  
Approved by: Josh Wurzer, President  
Date: 10/26/2020



## 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\*THCa)

**TOTAL CBD: 5.396 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 5.739 mg/unit**

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

**TOTAL CBG: 0.189 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: ND**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 10/26/2020

| COMPOUND                   | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g)     | RESULT (%)     |
|----------------------------|----------------|--------------------------------|-------------------|----------------|
| CBD                        | 0.004 / 0.011  | ±0.0808                        | 1.686             | 0.1686         |
| CBG                        | 0.002 / 0.005  | ±0.0037                        | 0.059             | 0.0059         |
| CBN                        | 0.001 / 0.004  | ±0.0018                        | 0.048             | 0.0048         |
| $\Delta 9$ THC             | 0.002 / 0.005  | N/A                            | ND                | ND             |
| $\Delta 8$ THC             | 0.01 / 0.02    | N/A                            | ND                | ND             |
| THCa                       | 0.001 / 0.002  | N/A                            | ND                | ND             |
| THCV                       | 0.002 / 0.008  | N/A                            | ND                | ND             |
| THCVa                      | 0.002 / 0.005  | N/A                            | ND                | ND             |
| CBDA                       | 0.001 / 0.003  | N/A                            | ND                | ND             |
| CBDV                       | 0.002 / 0.007  | N/A                            | ND                | ND             |
| CBDVa                      | 0.001 / 0.003  | N/A                            | ND                | ND             |
| CBGa                       | 0.002 / 0.006  | N/A                            | ND                | ND             |
| CBL                        | 0.003 / 0.008  | N/A                            | ND                | ND             |
| CBC                        | 0.003 / 0.010  | N/A                            | ND                | ND             |
| CBCa                       | 0.001 / 0.004  | N/A                            | ND                | ND             |
| <b>SUM OF CANNABINOIDS</b> |                |                                | <b>1.793 mg/g</b> | <b>0.1793%</b> |

**Unit Mass: 3.2005 grams per Unit**

|                              |                        |               |      |
|------------------------------|------------------------|---------------|------|
| $\Delta 9$ THC per Unit      | 1100 per-package limit | ND            | PASS |
| Total THC per Unit           |                        | ND            |      |
| CBD per Unit                 |                        | 5.396 mg/unit |      |
| Total CBD per Unit           |                        | 5.396 mg/unit |      |
| Sum of Cannabinoids per Unit |                        | 5.738 mg/unit |      |
| Total Cannabinoids per Unit  |                        | 5.739 mg/unit |      |

**MOISTURE TEST RESULT**

Not Tested

**DENSITY TEST RESULT**

Not Tested

**VISCOSITY TEST RESULT**

Not Tested



 **Pesticide Analysis**

CATEGORY 1 PESTICIDE TEST RESULTS - 10/26/2020  **PASS**

**CATEGORY 1 AND 2 PESTICIDES**

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

| COMPOUND          | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|-------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Aldicarb          | 0.03 / 0.09    | ≥ LOD               | N/A                            | ND            | PASS   |
| Carbofuran        | 0.01 / 0.04    | ≥ LOD               | 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   |
| Coumaphos         | 0.02 / 0.06    | ≥ LOD               | N/A                            | ND            | PASS   |
| Daminozide        | 0.03 / 0.10    | ≥ LOD               | N/A                            | ND            | PASS   |
| DDVP (Dichlorvos) | 0.02 / 0.07    | ≥ LOD               | N/A                            | ND            | PASS   |
| Dimethoate        | 0.02 / 0.07    | ≥ LOD               | N/A                            | ND            | PASS   |
| Ethoprop(hos)     | 0.03 / 0.08    | ≥ LOD               | N/A                            | ND            | PASS   |
| Etofenprox        | 0.02 / 0.05    | ≥ LOD               | N/A                            | ND            | PASS   |
| Fenoxycarb        | 0.02 / 0.06    | ≥ LOD               | N/A                            | ND            | PASS   |
| Fipronil          | 0.02 / 0.06    | ≥ LOD               | N/A                            | ND            | PASS   |
| Imazalil          | 0.02 / 0.06    | ≥ LOD               | N/A                            | ND            | PASS   |
| Methiocarb        | 0.02 / 0.06    | ≥ LOD               | 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   |
| Paclobutrazol     | 0.02 / 0.05    | ≥ LOD               | N/A                            | ND            | PASS   |
| Propoxur          | 0.02 / 0.06    | ≥ LOD               | N/A                            | ND            | PASS   |
| Spiroxamine       | 0.02 / 0.05    | ≥ LOD               | N/A                            | ND            | PASS   |
| Thiacloprid       | 0.03 / 0.07    | ≥ LOD               | N/A                            | ND            | PASS   |


CATEGORY 2 PESTICIDE TEST RESULTS - 10/26/2020  **PASS**

|                     |             |     |     |    |      |
|---------------------|-------------|-----|-----|----|------|
| Abamectin           | 0.03 / 0.10 | 0.3 | N/A | ND | PASS |
| Acephate            | 0.01 / 0.04 | 5   | N/A | ND | PASS |
| Acequinocyl         | 0.02 / 0.05 | 4   | N/A | ND | PASS |
| Acetamiprid         | 0.02 / 0.05 | 5   | N/A | ND | PASS |
| Azoxystrobin        | 0.01 / 0.04 | 40  | N/A | ND | PASS |
| Bifenazate          | 0.01 / 0.02 | 5   | N/A | ND | PASS |
| Bifenthrin          | 0.01 / 0.02 | 0.5 | N/A | ND | PASS |
| Boscalid            | 0.02 / 0.06 | 10  | N/A | ND | PASS |
| Captan              | 0.2 / 0.5   | 5   | N/A | ND | PASS |
| Carbaryl            | 0.01 / 0.02 | 0.5 | N/A | ND | PASS |
| Chlorantraniliprole | 0.01 / 0.03 | 40  | N/A | ND | PASS |

Continued on next page



 **Pesticide Analysis** *Continued*

**CATEGORY 2 PESTICIDE TEST RESULTS - 10/26/2020** *continued*  **PASS**

**CATEGORY 1 AND 2 PESTICIDES**

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

| COMPOUND                 | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------------|----------------|---------------------|--------------------------------|---------------|--------|
| Clofentezine             | 0.02 / 0.06    | 0.5                 | N/A                            | ND            | PASS   |
| Cyfluthrin               | 0.1 / 0.4      | 1                   | N/A                            | ND            | PASS   |
| Cypermethrin             | 0.1 / 0.3      | 1                   | N/A                            | ND            | PASS   |
| Diazinon                 | 0.01 / 0.04    | 0.2                 | N/A                            | ND            | PASS   |
| Dimethomorph             | 0.01 / 0.03    | 20                  | N/A                            | ND            | PASS   |
| Etoazole                 | 0.010 / 0.028  | 1.5                 | N/A                            | ND            | PASS   |
| Fenhexamid               | 0.02 / 0.1     | 10                  | N/A                            | ND            | PASS   |
| Fenpyroximate            | 0.03 / 0.08    | 2                   | N/A                            | ND            | PASS   |
| Flonicamid               | 0.01 / 0.04    | 2                   | N/A                            | ND            | PASS   |
| Fludioxonil              | 0.03 / 0.08    | 30                  | N/A                            | ND            | PASS   |
| Hexythiazox              | 0.01 / 0.04    | 2                   | N/A                            | ND            | PASS   |
| Imidacloprid             | 0.01 / 0.04    | 3                   | N/A                            | ND            | PASS   |
| Kresoxim-methyl          | 0.02 / 0.07    | 1                   | N/A                            | ND            | PASS   |
| Malathion                | 0.02 / 0.05    | 5                   | N/A                            | ND            | PASS   |
| Metalaxyl                | 0.02 / 0.06    | 15                  | N/A                            | ND            | PASS   |
| Methomyl                 | 0.03 / 0.1     | 0.1                 | N/A                            | ND            | PASS   |
| Myclobutanil             | 0.03 / 0.1     | 9                   | N/A                            | ND            | PASS   |
| Naled                    | 0.03 / 0.1     | 0.5                 | N/A                            | ND            | PASS   |
| Oxamyl                   | 0.02 / 0.06    | 0.2                 | N/A                            | ND            | PASS   |
| Pentachloronitrobenzene* | 0.03 / 0.09    | 0.2                 | N/A                            | ND            | PASS   |
| Permethrin               | 0.03 / 0.09    | 20                  | N/A                            | ND            | PASS   |
| Phosmet                  | 0.03 / 0.10    | 0.2                 | N/A                            | ND            | PASS   |
| Piperonylbutoxide        | 0.003 / 0.009  | 8                   | N/A                            | <LOQ          | PASS   |
| Prallethrin              | 0.03 / 0.08    | 0.4                 | N/A                            | ND            | PASS   |
| Propiconazole            | 0.01 / 0.03    | 20                  | N/A                            | ND            | PASS   |
| Pyrethrins               | 0.03 / 0.08    | 1                   | N/A                            | ND            | PASS   |
| Pyridaben                | 0.006 / 0.019  | 3                   | N/A                            | ND            | PASS   |
| Spinetoram               | 0.02 / 0.07    | 3                   | N/A                            | ND            | PASS   |
| Spinosad                 | 0.02 / 0.06    | 3                   | N/A                            | ND            | PASS   |
| Spiromesifen             | 0.02 / 0.05    | 12                  | N/A                            | ND            | PASS   |
| Spirotetramat            | 0.01 / 0.02    | 13                  | N/A                            | ND            | PASS   |
| Tebuconazole             | 0.02 / 0.07    | 2                   | N/A                            | ND            | PASS   |
| Thiamethoxam             | 0.03 / 0.08    | 4.5                 | N/A                            | ND            | PASS   |
| Trifloxystrobin          | 0.01 / 0.03    | 30                  | N/A                            | ND            | PASS   |





### Mycotoxin Analysis

MYCOTOXIN TEST RESULTS - 10/25/2020 ✔ PASS

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

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

| COMPOUND        | LOD/LOQ (µg/kg) | ACTION LIMIT (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) | RESULT |
|-----------------|-----------------|----------------------|---------------------------------|----------------|--------|
| Aflatoxin B1    | 2.0 / 6.0       | 20                   | 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      | 20                   | N/A                             | ND             | PASS   |



### Residual Solvents Analysis

CATEGORY 1 RESIDUAL SOLVENTS TEST RESULTS - 10/25/2020 ✔ PASS

#### CATEGORY 1 AND 2 RESIDUAL SOLVENTS

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

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

| COMPOUND           | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|--------------------|----------------|---------------------|--------------------------------|---------------|--------|
| 1,2-Dichloroethane | 0.05 / 0.1     | 1                   | N/A                            | ND            | PASS   |
| Benzene            | 0.03 / 0.09    | 1                   | N/A                            | ND            | PASS   |
| Chloroform         | 0.1 / 0.2      | 1                   | N/A                            | ND            | PASS   |
| Ethylene Oxide     | 0.1 / 0.4      | 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   |

CATEGORY 2 RESIDUAL SOLVENTS TEST RESULTS - 10/25/2020 ✔ PASS

|                   |          |      |     |    |      |
|-------------------|----------|------|-----|----|------|
| Acetone           | 20 / 50  | 5000 | N/A | ND | PASS |
| Acetonitrile      | 2 / 7    | 410  | N/A | ND | PASS |
| Butane            | 10 / 50  | 5000 | N/A | ND | PASS |
| Ethanol           | 20 / 50  | 5000 | N/A | ND | PASS |
| Ethyl acetate     | 20 / 60  | 5000 | N/A | ND | PASS |
| Ethyl ether       | 20 / 50  | 5000 | N/A | ND | PASS |
| Heptane           | 20 / 60  | 5000 | N/A | ND | PASS |
| Hexane            | 2 / 5    | 290  | N/A | ND | PASS |
| Isopropyl Alcohol | 10 / 40  | 5000 | N/A | ND | PASS |
| Methanol          | 50 / 200 | 3000 | N/A | ND | PASS |
| Pentane           | 20 / 50  | 5000 | N/A | ND | PASS |
| Propane           | 10 / 20  | 5000 | N/A | ND | PASS |
| Toluene           | 7 / 21   | 890  | N/A | ND | PASS |
| Total Xylenes     | 50 / 160 | 2170 | 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 - 10/25/2020 ✔ PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|--------------------------------|---------------|--------|
| Cadmium  | 0.02 / 0.05    | 0.5                 | N/A                            | ND            | PASS   |
| Lead     | 0.04 / 0.1     | 0.5                 | N/A                            | ND            | PASS   |
| Arsenic  | 0.02 / 0.1     | 1.5                 | ±0.01                          | 0.2           | PASS   |
| Mercury  | 0.002 / 0.01   | 3                   | N/A                            | ND            | PASS   |

 **Microbial Impurities Analysis**

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbial impurities.

**Method:** QSP 1221 - Analysis of Microbial Impurities

MICROBIAL IMPURITIES TEST RESULTS (PCR) - 10/26/2020 ✔ PASS

| COMPOUND                                      | ACTION LIMIT | RESULT | RESULT |
|---|--------------|--------|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | Detect       | ND     | PASS   |
| <i>Salmonella</i> spp.                        | Detect       | ND     | PASS   |
| <i>Aspergillus fumigatus</i>                  |              | NT     |        |
| <i>Aspergillus flavus</i>                     |              | NT     |        |
| <i>Aspergillus niger</i>                      |              | NT     |        |
| <i>Aspergillus terreus</i>                    |              | NT     |        |

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbial impurities.

**Method:** QSP 6794 - Plating with 3M™ Petrifilm™

MICROBIAL IMPURITIES TEST RESULTS (PLATING)

| COMPOUND             | RESULT (cfu/g) |
|----------------------|----------------|
| Aerobic Plate Count  | NT             |
| Total Yeast and Mold | NT             |

