

Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 08/04/2022

SAMPLE NAME: Gummies - ACV 300mg

Infused, Solid Edible

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: PV010520213 Sample ID: 220729M008

DISTRIBUTOR / TESTED FOR

Business Name: CBDFX

License Number:

Address: 19851 Nordhoff PI, #105

Chatsworth CA 91311

Date Collected: 07/29/2022 **Date Received:** 07/29/2022

Batch Size:

Sample Size: 1.0 units

Unit Mass: 195.174 grams per Unit Serving Size: 6.5058 grams per Serving









Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 308.960 mg/unit

Total Cannabinoids: 308.960 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 = Δ^9 -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + Sum of Cannabinoids: 308.960 mg/unit THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN Total Cannabinoids = $(\Delta^9$ -THC+0.877*THCa) + (CBD+0.877*CBDa) +

(CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +

 $(CBDV+0.877*CBDVa) + \Delta^{8}-THC + CBL + CBN$

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: \bigcirc PASS

Mycotoxins: PASS

Microbiology (PCR): PASS

 Δ^9 -THC per Serving: \bigcirc PASS

Residual Solvents: PASS

Foreign Material: PASS

Pesticides: PASS

Heavy Metals: PASS

Water Activity: <a>PASS

For quality assurance purposes. Not a Regulatory 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

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)

LQC verified by: Michael Pham Date: 08/04/2022

oved by: Josh Wurzer, President te: 08/04/2022



GUMMIES - ACV 300MG | DATE ISSUED 08/04/2022





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 (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 308.960 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 308.960 mg/unit

 $\begin{array}{l} Total\ Cannabinoids\ (Total\ THC)+(Total\ CBD)+(Total\ CBG)+(Total\ THCV)+(Total\ CBC)+(Total\ CBDV)+\Delta^8-THC+CBL+CBN \end{array}$

TOTAL CBG: ND

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: <LOQ

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/31/2022

| | COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----|---------------------|-------------------|-----------------------------------|---|---------------------|
| Ī | CBD | 0.004 / 0.011 | ±0.0590 | 1.583 | 0.1583 |
| | CBDV | 0.002 / 0.012 | N/A | <loq< th=""><th><loq< th=""></loq<></th></loq<> | <loq< th=""></loq<> |
| | ∆ ⁹ -THC | 0.002 / 0.014 | N/A | ND | ND |
| | ∆ 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 |
| ŧ. | CBDVa | 0.001 / 0.018 | N/A | ND | ND |
| ١ | CBG | 0.002 / 0.006 | N/A | ND | ND |
| | CBGa | 0.002 / 0.007 | N/A | ND | ND |
| | CBL | 0.003 / 0.010 | N/A | ND | ND |
| - | CBN | 0.001 / 0.007 | N/A | ND | ND |
| | СВС | 0.003 / 0.010 | N/A | ND | ND |
| | CBCa | 0.001 / 0.015 | N/A | ND | ND |
| • | SUM OF CANNA | BINOIDS | | 1.583 mg/g | 0.1583% |

Unit Mass: 195.174 grams per Unit / Serving Size: 6.5058 grams per Serving

| Δ^9 -THC per Unit | 110 per-package limit | ND | PASS |
|---------------------------------|-----------------------|-------------------|------|
| Δ^9 -THC per Serving | | ND | PASS |
| Total THC per Unit | | ND | |
| Total THC per Serving | | ND | |
| CBD per Unit | | 308.960 mg/unit | |
| CBD per Serving | | 10.299 mg/serving | |
| Total CBD per Unit | | 308.960 mg/unit | |
| Total CBD per Serving | | 10.299 mg/serving | |
| Sum of Cannabinoids per Unit | | 308.960 mg/unit | |
| Sum of Cannabinoids per Serving | | 10.299 mg/serving | |
| Total Cannabinoids per Unit | | 308.960 mg/unit | |
| Total Cannabinoids per Serving | | 10.299 mg/serving | |



Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

GUMMIES - ACV 300MG | DATE ISSUED 08/04/2022





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 - 08/04/2022 PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (μg/g) | MEASUREMENT UNCERTAINTY (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 |
| Diazinon | 0.02 / 0.05 | 0.2 | N/A | ND | PASS |
| Dichlorvos (DDVP) | 0.03 / 0.09 | ≥LOD | N/A | ND | PASS |
| Dimethoate | 0.03 / 0.08 | ≥LOD | N/A | ND | PASS |
| Dimethomorph | 0.03 / 0.09 | 20 | N/A | ND | PASS |
| Ethoprophos | 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 |

Continued on next page









Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 08/04/2022 continued PASS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (μg/g) | RESULT |
|--------------------------|-------------------|------------------------|-----------------------------------|------------------|--------|
| Methomyl | 0.03 / 0.10 | 0.1 | 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 |
| Parathion-methyl | 0.03 / 0.10 | ≥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 |
| Piperonyl Butoxide | 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

MYCOTOXIN TEST RESULTS - 08/04/2022 **⊘** PASS

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

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (μg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) | RESULT |
|---|-------------------|------------------------|-----------------------------------|------------------|--------|
| Propane | 10/20 | 5000 | N/A | ND | PASS |
| n-Butane | 10/50 | 5000 | N/A | ND | PASS |
| n-Pentane | 20/50 | 5000 | N/A | ND | PASS |
| n-Hexane | 2/5 | 290 | N/A | ND | PASS |
| n-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 | ±17.3 | 600 | PASS |
| 2-Propanol (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 |
| Dichloromethane (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 - 08/02/2022 **⊘** PASS

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



Microbiology Analysis

PCF

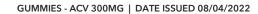
Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 08/02/2022 PASS

| COMPOUND | ACTION LIMIT | RESULT | RESULT |
|--|--------------------|--------|--------|
| Shiga toxin-producing Escherichia coli | Not Detected in 1g | ND | PASS |
| Salmonella spp. | Not Detected in 1g | ND | PASS |









Foreign Material Analysis

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

FOREIGN MATERIAL TEST RESULTS - 08/02/2022 PASS

| COMPOUND | ACTION LIMIT | RESULT |
|---|-----------------|--------|
| Total Sample Area Covered by Sand, Soil, Cinders, or Dirt | >25% | PASS |
| Total Sample Area Covered by Mold | >25% | PASS |
| Total Sample Area Covered by an Imbedded Foreign Material | >25% | PASS |
| Insect Fragment Count | > 1 per 3 grams | PASS |
| Hair Count | > 1 per 3 grams | PASS |
| Mammalian Excreta Count | > 1 per 3 grams | PASS |



Water Activity Analysis

Method: QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

WATER ACTIVITY TEST RESULTS - 08/02/2022 PASS

| COMPOUND | ACTION LIMIT (Aw) | MEASUREMENT UNCERTAINTY (Aw) | RESULT (Aw) | RESULT |
|----------------|----------------------|---------------------------------|----------------|--------|
| Water Activity | 0.85 | ±0.03177 | 0.6524 | PASS |

NOTES

COA amended to reflect requested assays. This product contains less than .3% THC as our COA states THC as Non-detect.