

SAMPLE NAME: Gummies - ACV 1500mg & 200mg

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: CBDFX

License Number:

**Address: 19851 Nordhoff Pl, #105
 Chatsworth CA 91311**



SAMPLE DETAIL

Batch Number: PV083120213

Sample ID: 210923L005

Date Collected: 09/23/2021

Date Received: 09/23/2021

Batch Size:

Sample Size: 2.0 units

Unit Mass: 3.81 grams per Unit

Serving Size: 3.81 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 27.950 mg/unit

Sum of Cannabinoids: 28.263 mg/unit

Total Cannabinoids: 28.262 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: ND

Heavy Metals: ND

Mycotoxins: ND

Microbiology (PCR): ND

Residual Solvents: DETECTED

Microbiology (Plating): ND

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), too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)



Approved by: Josh Wurzer, President
 Date: 10/07/2021



CANNABINOID TEST RESULTS - 09/29/2021

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: 27.950 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 28.262 mg/unit

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

TOTAL CBG: 0.255 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: 0.057 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT mg/g	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 0.3514	7.336	0.7336
CBG	0.002 / 0.006	± 0.0042	0.067	0.0067
CBDV	0.002 / 0.012	± 0.0008	0.015	0.0015
$\Delta 9$ THC	0.002 / 0.014	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
$\Delta 8$ THC	0.01 / 0.02	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
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
CBN	0.001 / 0.007	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			7.418 mg/g	0.7418%

Unit Mass: 3.81 grams per Unit / Serving Size: 3.81 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	27.950 mg/unit
CBD per Serving	27.950 mg/serving
Total CBD per Unit	27.950 mg/unit
Total CBD per Serving	27.950 mg/serving
Sum of Cannabinoids per Unit	28.263 mg/unit
Sum of Cannabinoids per Serving	28.263 mg/serving
Total Cannabinoids per Unit	28.262 mg/unit
Total Cannabinoids per Serving	28.262 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 - 09/30/2021 ND

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT µg/g	RESULT (µg/g)
Abamectin	0.03 / 0.10	0.3	N/A	ND
Azoxystrobin	0.01 / 0.04	40	N/A	ND
Bifenazate	0.01 / 0.02	5	N/A	ND
Bifenthrin	0.01 / 0.02	0.5	N/A	ND
Boscalid	0.02 / 0.06	10	N/A	ND
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND
Cypermethrin	0.1 / 0.3	1	N/A	ND
Etoxazole	0.010 / 0.028	1.5	N/A	ND
Hexythiazox	0.01 / 0.04	2	N/A	ND
Imidacloprid	0.01 / 0.04	3	N/A	ND
Malathion	0.02 / 0.05	5	N/A	ND
Myclobutanil	0.03 / 0.1	9	N/A	ND
Permethrin	0.03 / 0.09	20	N/A	ND
Piperonylbutoxide	0.003 / 0.009	8	N/A	ND
Propiconazole	0.01 / 0.03	20	N/A	ND
Spiromesifen	0.02 / 0.05	12	N/A	ND
Tebuconazole	0.02 / 0.07	2	N/A	ND
Trifloxystrobin	0.01 / 0.03	30	N/A	ND



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 - 09/29/2021 ND

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



 **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 - 09/30/2021 DETECTED

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT µg/g	RESULT (µg/g)
Propane	10 / 20	5000	N/A	ND
Butane	10 / 50	5000	N/A	ND
Pentane	20 / 50	5000	N/A	ND
Hexane	2 / 5	290	N/A	ND
Heptane	20 / 60	5000	N/A	ND
Benzene	0.03 / 0.09	1	N/A	ND
Toluene	7 / 21	890	N/A	ND
Total Xylenes	50 / 160	2170	N/A	ND
Methanol	50 / 200	3000	N/A	ND
Ethanol	20 / 50	5000	±89.4	2352
Isopropyl Alcohol	10 / 40	5000	N/A	ND
Acetone	20 / 50	5000	N/A	ND
Ethyl ether	20 / 50	5000	N/A	ND
Ethylene Oxide	0.3 / 0.8	1	N/A	ND
Ethyl acetate	20 / 60	5000	N/A	ND
Chloroform	0.1 / 0.2	1	N/A	ND
Methylene chloride	0.3 / 0.9	1	N/A	ND
Trichloroethylene	0.1 / 0.3	1	N/A	ND
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND
Acetonitrile	2 / 7	410	N/A	ND

 **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 - 09/30/2021 ND

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





Microbiology Analysis

PCR AND PLATING

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

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 10/03/2021 ND

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)
Shiga toxin-producing <i>Escherichia coli</i>	Not Detected in 1g	ND
<i>Salmonella</i> spp.	Not Detected in 1g	ND
Bile-Tolerant Gram-Negative Bacteria	100	ND
<i>Staphylococcus aureus</i>	Not Detected in 1g	ND

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

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

MICROBIOLOGY TEST RESULTS (PLATING) - 10/03/2021 ND

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)
Total Aerobic Bacteria	100	ND
Total Yeast and Mold	10	ND

NOTES

COA amended, update to reporting: Units Unit mass corresponds to the mass of the largest unit size sampled. The batch is packaged in 8 count and 60 count unit sizes. This product batch contains less than .3% THC as our COA states THC as Non-detect

