

SAMPLE NAME: GW Pear Pineapple

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Alternative
 Biologics
License Number:
Address:



SAMPLE DETAIL

Batch Number: 207322B
Sample ID: 220318N027

Date Collected: 03/18/2022
Date Received: 03/18/2022
Batch Size:
Sample Size: 1.0 units
Unit Mass: 355 milliliters per Unit
Serving Size: 355 milliliters per Serving



Scan QR code to verify
 authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 22.3650 mg/unit

Sum of Cannabinoids: 22.3650 mg/unit

Total Cannabinoids: 22.3650 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 = $(\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

Density: 1.0029 g/mL


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 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)


 LQC verified by: Michael Pham
 Date: 03/18/2022


 Approved by: Josh Wurzer, President
 Date: 03/18/2022



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: **22.3650 mg/unit**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **22.3650 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: **<LOQ**

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **ND**

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **<LOQ**

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **ND**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/18/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.0003 / 0.0008	±0.00235	0.0630	0.00628
CBG	0.0001 / 0.0005	N/A	<LOQ	<LOQ
CBC	0.0003 / 0.0008	N/A	<LOQ	<LOQ
Δ^9 -THC	0.0001 / 0.0011	N/A	ND	ND
Δ^8 -THC	0.0006 / 0.0015	N/A	ND	ND
THCa	0.0001 / 0.0004	N/A	ND	ND
THCV	0.0002 / 0.0009	N/A	ND	ND
THCVa	0.0001 / 0.0014	N/A	ND	ND
CBDA	0.0001 / 0.0020	N/A	ND	ND
CBDV	0.0002 / 0.0009	N/A	ND	ND
CBDVa	0.0001 / 0.0014	N/A	ND	ND
CBGa	0.0001 / 0.0005	N/A	ND	ND
CBL	0.0002 / 0.0008	N/A	ND	ND
CBN	0.0001 / 0.0005	N/A	ND	ND
CBCa	0.0001 / 0.0011	N/A	ND	ND
SUM OF CANNABINOIDS			0.0630 mg/mL	0.00628%

Unit Mass: 355 milliliters per Unit / Serving Size: 355 milliliters per Serving

Δ^9 -THC per Unit	ND
Δ^9 -THC per Serving	ND
Total THC per Unit	ND
Total THC per Serving	ND
CBD per Unit	22.3650 mg/unit
CBD per Serving	22.3650 mg/serving
Total CBD per Unit	22.3650 mg/unit
Total CBD per Serving	22.3650 mg/serving
Sum of Cannabinoids per Unit	22.3650 mg/unit
Sum of Cannabinoids per Serving	22.3650 mg/serving
Total Cannabinoids per Unit	22.3650 mg/unit
Total Cannabinoids per Serving	22.3650 mg/serving

DENSITY TEST RESULT

1.0029 g/mL

Tested 03/18/2022

Method: QSP 7870 - Sample Preparation