Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 03/17/2022

SAMPLE NAME: GW Stone Fruit

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Alternative Biologics
License Number:
Address:

SAMPLE DETAIL

Batch Number: 207323A
Sample ID: 220317P002

Date Collected: 03/17/2022
Date Received: 03/17/2022
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: <LOQ

Total CBD: 21.3355 mg/unit

Sum of Cannabinoids: 21.4420 mg/unit

Total Cannabinoids: 21.4420 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 + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^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) + Δ^8-THC + CBL + CBN

Density: 1.0031 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: 03/17/2022

Approved by: Josh Wurzer, President
Date: 03/17/2022

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: <LOQ
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 21.3355 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 21.4420 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 0.1065 mg/unit
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: <LOQ
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/17/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	*0.0001 / 0.0004*	*±0.00224*	0.0601	0.00599
CBG	*0.0001 / 0.0002*	*±0.00001*	0.0003	0.00003
THCa	*0.0000 / 0.0002*	*N/A*	<LOQ	<LOQ
CBDa	*0.0000 / 0.0010*	*N/A*	<LOQ	<LOQ
CBDV	*0.0001 / 0.0004*	*N/A*	<LOQ	<LOQ
CBDVa	*0.0000 / 0.0007*	*N/A*	<LOQ	<LOQ
CBN	*0.0000 / 0.0003*	*N/A*	<LOQ	<LOQ
CBC	*0.0001 / 0.0004*	*N/A*	<LOQ	<LOQ
CBCa	*0.0000 / 0.0006*	*N/A*	<LOQ	<LOQ
Δ^9-THC	*0.0001 / 0.0005*	*N/A*	ND	ND
Δ^8-THC	*0.0003 / 0.0008*	*N/A*	ND	ND
THCV	*0.0001 / 0.0004*	*N/A*	ND	ND
THCVa	*0.0001 / 0.0007*	*N/A*	ND	ND
CBGa	*0.0001 / 0.0003*	*N/A*	ND	ND
CBL	*0.0001 / 0.0004*	*N/A*	ND	ND
SUM OF CANNABINOIDS			0.0604 mg/mL	0.00602%

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	<LOQ
Total THC per Serving	<LOQ
CBD per Unit	21.3355 mg/unit
CBD per Serving	21.3355 mg/serving
Total CBD per Unit	21.3355 mg/unit
Total CBD per Serving	21.3355 mg/serving
Sum of Cannabinoids per Unit	21.4420 mg/unit
Sum of Cannabinoids per Serving	21.4420 mg/serving
Total Cannabinoids per Unit	21.4420 mg/unit
Total Cannabinoids per Serving	21.4420 mg/serving

DENSITY TEST RESULT

1.0031 g/mL

Tested 03/17/2022

Method: QSP 7870 - Sample Preparation