

### SAMPLE NAME: GW Tropical Berry

Infused, Hemp

### CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

### DISTRIBUTOR / TESTED FOR

Business Name: Alternative

Biologics

License Number:

Address:

### SAMPLE DETAIL

Batch Number: 207321A

Sample ID: 220321M005

Date Collected: 03/21/2022

Date Received: 03/21/2022

Batch Size:

Sample Size: 1.0 units

Unit Mass:

Serving Size: 355 milliliters per Serving



Scan QR code to verify authenticity of results.

### CANNABINOID ANALYSIS - SUMMARY

Total THC: <LOQ

Total CBD: 0.0719 mg/mL

Sum of Cannabinoids: 0.0719 mg/mL

Total Cannabinoids: 0.0719 mg/mL

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 =  $\Delta^9$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -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

Density: 1.0035 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)

*Carmen Stackhouse* *Josh Wurzer*  
LQC verified by: Carmen Stackhouse Approved by: Josh Wurzer, President  
Date: 03/21/2022 Date: 03/21/2022



## 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 ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 0.0719 mg/mL

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 0.0719 mg/mL

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

### TOTAL CBG: ND

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 - 03/21/2022

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.0001 / 0.0004	$\pm 0.00268$	0.0719	0.00716
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
$\Delta^9$ -THC	0.0001 / 0.0005	N/A	ND	ND
$\Delta^8$ -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
CBG	0.0001 / 0.0002	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			0.0719 mg/mL	0.00716%

## Serving Size: 355 milliliters per Serving

$\Delta^9$ -THC per Serving	ND
Total THC per Serving	<LOQ
CBD per Serving	25.5245 mg/serving
Total CBD per Serving	25.5245 mg/serving
Sum of Cannabinoids per Serving	25.5245 mg/serving
Total Cannabinoids per Serving	25.5245 mg/serving

## DENSITY TEST RESULT

1.0035 g/mL

Tested 03/21/2022

**Method:** QSP 7870 - Sample Preparation