

SAMPLE NAME: Green River Botanicals 1500mg CBD Natural 30ml Tincture

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Carolina Botanical Development

License Number:

Address: 131 Preamble Court
 Anderson SC 29621



SAMPLE DETAIL

Batch Number: PR.220307A

Sample ID: 220311R016

Date Collected: 03/11/2022

Date Received: 03/11/2022

Batch Size:

Sample Size:

Unit Mass: 28.5 grams per Unit

Serving Size: 0.95 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 48.022 mg/unit

Total CBD: 1543.588 mg/unit

Sum of Cannabinoids: 1695.978 mg/unit

Total Cannabinoids: 1692.670 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: 0.95 g/mL

SAFETY ANALYSIS - SUMMARY

Δ^9 -THC per Unit: **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 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 Date: 03/13/2022
 Approved by: Josh Wurzer, President Date: 03/13/2022



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: 48.022 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1543.588 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1692.670 mg/unit

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

TOTAL CBG: 26.020 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 62.330 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 8.008 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/13/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.9899	53.348	5.3348
CBC	0.003 / 0.010	±0.0704	2.187	0.2187
Δ^9 -THC	0.002 / 0.014	±0.0925	1.685	0.1685
CBDA	0.001 / 0.026	±0.0263	0.927	0.0927
CBG	0.002 / 0.006	±0.0434	0.895	0.0895
CBDV	0.002 / 0.012	±0.0115	0.281	0.0281
CBN	0.001 / 0.007	±0.0026	0.089	0.0089
CBL	0.003 / 0.010	±0.0028	0.076	0.0076
CBGa	0.002 / 0.007	±0.0005	0.020	0.0020
CBCa	0.001 / 0.015	N/A	<LOQ	<LOQ
Δ^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
CBDVa	0.001 / 0.018	N/A	ND	ND
SUM OF CANNABINOIDS			59.508 mg/g	5.9508%

Unit Mass: 28.5 grams per Unit / Serving Size: 0.95 grams per Serving

Δ^9 -THC per Unit	1100 per-package limit	48.022 mg/unit	PASS
Δ^9 -THC per Serving		1.601 mg/serving	
Total THC per Unit		48.022 mg/unit	
Total THC per Serving		1.601 mg/serving	
CBD per Unit		1520.418 mg/unit	
CBD per Serving		50.681 mg/serving	
Total CBD per Unit		1543.588 mg/unit	
Total CBD per Serving		51.453 mg/serving	
Sum of Cannabinoids per Unit		1695.978 mg/unit	
Sum of Cannabinoids per Serving		56.533 mg/serving	
Total Cannabinoids per Unit		1692.670 mg/unit	
Total Cannabinoids per Serving		56.423 mg/serving	

DENSITY TEST RESULT

0.95 g/mL

Tested 03/13/2022

Method: QSP 7870 - Sample Preparation