

SAMPLE NAME: Green River Botanicals CBD:CBG Natural

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.210510A

Sample ID: 210515N004

Date Collected: 05/15/2021

Date Received: 05/15/2021

Batch Size:

Sample Size:

Unit Mass: 28.491 grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 64.504 mg/unit

Total CBD: 798.717 mg/unit

Sum of Cannabinoids: 1791.571 mg/unit

Total Cannabinoids: 1780.346 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: 0.9497 g/mL

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$ per Unit: ✔ PASS

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)

Reza Naemeh
 LQC verified by: Reza Naemeh
 Date: 05/17/2021

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 05/17/2021



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: 64.504 mg/unit

Total THC ($\Delta 9$ THC+0.877*THCa)

TOTAL CBD: 798.717 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1780.346 mg/unit

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

TOTAL CBG: 824.786 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 84.134 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 3.846 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/17/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.3211	27.581	2.7581
CBG	0.002 / 0.006	±1.6587	26.668	2.6668
CBC	0.003 / 0.010	±0.1194	2.885	0.2885
CBGa	0.002 / 0.007	±0.0762	2.601	0.2601
$\Delta 9$ THC	0.002 / 0.014	±0.1596	2.264	0.2264
CBDA	0.001 / 0.026	±0.0189	0.517	0.0517
CBDV	0.002 / 0.012	±0.0071	0.135	0.0135
CBCa	0.001 / 0.015	±0.0038	0.078	0.0078
CBN	0.001 / 0.007	±0.0028	0.077	0.0077
CBL	0.003 / 0.010	±0.0036	0.076	0.0076
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
CBDVa	0.001 / 0.018	N/A	ND	ND
SUM OF CANNABINOIDS			62.882 mg/g	6.2882%

Unit Mass: 28.491 grams per Unit

$\Delta 9$ THC per Unit	1120 per-package limit	64.504 mg/unit	PASS
Total THC per Unit		64.504 mg/unit	
CBD per Unit		785.810 mg/unit	
Total CBD per Unit		798.717 mg/unit	
Sum of Cannabinoids per Unit		1791.571 mg/unit	
Total Cannabinoids per Unit		1780.346 mg/unit	

DENSITY TEST RESULT

0.9497 g/mL

Tested 05/17/2021

Method: QSP 7870 - Sample Preparation

