

SAMPLE NAME: Green River Botanicals 500mg Natural Tincture (10ml)

Infused, Liquid Edible

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.230125**Sample ID:** 230203S004**Date Collected:** 02/03/2023**Date Received:** 02/03/2023**Batch Size:****Sample Size:** 1.0 units**Unit Mass:** 10 grams per Unit**Serving Size:**Scan QR code to verify
authenticity of results.**CANNABINOID ANALYSIS - SUMMARY****Total THC:** 22.570 mg/unit**Total CBD:** 524.100 mg/unit**Sum of Cannabinoids:** 624.630 mg/unit**Total Cannabinoids:** 617.830 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))

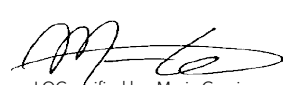
Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa +
THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBNTotal Cannabinoids = (Δ^9 -THC+0.877*THCa) + (CBD+0.877*CBDa) +
(CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +
(CBDV+0.877*CBDVa) + Δ^8 -THC + CBL + CBN**Density:** 0.9512 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 4 Division 19. Department of Cannabis Control 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: Maria Garcia
Job Title: Senior Laboratory Analyst
Date: 02/07/2023



Approved by: Josh Wurzer
Job Title: President
Date: 02/07/2023



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: 22.570 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 524.100 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 617.830 mg/unit

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

TOTAL CBG: 12.200 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 56.030 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 2.930 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/07/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.080 / 0.220	±1.7842	47.833	4.7833
CBC	0.060 / 0.200	±0.1718	5.335	0.5335
CBDa	0.020 / 0.520	±0.1482	5.219	0.5219
Δ^9 -THC	0.040 / 0.280	±0.1239	2.257	0.2257
CBG	0.040 / 0.120	±0.0592	1.220	0.1220
CBCa	0.020 / 0.300	±0.0117	0.306	0.0306
CBDV	0.040 / 0.240	±0.0120	0.293	0.0293
CBDVa	0.020 / 0.360	N/A	<LOQ	<LOQ
CBN	0.020 / 0.140	N/A	<LOQ	<LOQ
Δ^8 -THC	0.20 / 0.40	N/A	ND	ND
THCa	0.020 / 0.100	N/A	ND	ND
THCV	0.040 / 0.240	N/A	ND	ND
THCVa	0.040 / 0.380	N/A	ND	ND
CBGa	0.040 / 0.140	N/A	ND	ND
CBL	0.060 / 0.200	N/A	ND	ND
SUM OF CANNABINOIDS			62.463 mg/g	6.2463%

Unit Mass: 10 grams per Unit

Δ^9 -THC per Unit	110 per-package limit	22.570 mg/unit	PASS
Total THC per Unit		22.570 mg/unit	
CBD per Unit		478.330 mg/unit	
Total CBD per Unit		524.100 mg/unit	
Sum of Cannabinoids per Unit		624.630 mg/unit	
Total Cannabinoids per Unit		617.830 mg/unit	

DENSITY TEST RESULT

0.9512 g/mL

Tested 02/07/2023

Method: QSP 7870 - Sample Preparation