

**SAMPLE NAME: GRBCBG**

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.220804

**Sample ID:** 220805P006

**Date Collected:** 08/05/2022

**Date Received:** 08/05/2022

**Batch Size:**

**Sample Size:**

**Unit Mass:** 28.464 grams per Unit

**Serving Size:** 0.9488 grams per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 15.314 mg/unit

**Total CBD:** 36.491 mg/unit

**Sum of Cannabinoids:** 1729.814 mg/unit

**Total Cannabinoids:** 1720.449 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 =  $\Delta^9$ -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:** 0.9488 g/mL

**SAFETY ANALYSIS - SUMMARY**

$\Delta^9$ -THC per Unit: **PASS**

$\Delta^9$ -THC per Serving: **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: 08/08/2022  
 Approved by: Josh Wurzer, President Date: 08/08/2022



## 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: 15.314 mg/unit

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

### TOTAL CBD: 36.491 mg/unit

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 1720.449 mg/unit

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

### TOTAL CBG: 1582.513 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 82.887 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 08/08/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBG	0.002 / 0.006	±2.5875	53.350	5.3350
CBC	0.003 / 0.010	±0.0919	2.855	0.2855
CBGa	0.002 / 0.007	±0.0584	2.562	0.2562
CBD	0.004 / 0.011	±0.0463	1.241	0.1241
$\Delta^9$ -THC	0.040 / 0.280	±0.0295	0.538	0.0538
CBL	0.003 / 0.010	±0.0026	0.070	0.0070
CBCa	0.001 / 0.015	±0.0025	0.065	0.0065
CBDA	0.001 / 0.026	±0.0013	0.047	0.0047
CBN	0.001 / 0.007	±0.0013	0.044	0.0044
$\Delta^8$ -THC	0.01 / 0.02	N/A	ND	ND
THCa	0.020 / 0.100	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDV	0.002 / 0.012	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>60.772 mg/g</b>	<b>6.0772%</b>

## Unit Mass: 28.464 grams per Unit / Serving Size: 0.9488 grams per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	15.314 mg/unit	PASS
$\Delta^9$ -THC per Serving		0.510 mg/serving	PASS
Total THC per Unit		15.314 mg/unit	
Total THC per Serving		0.510 mg/serving	
CBD per Unit		35.324 mg/unit	
CBD per Serving		1.177 mg/serving	
Total CBD per Unit		36.491 mg/unit	
Total CBD per Serving		1.216 mg/serving	
Sum of Cannabinoids per Unit		1729.814 mg/unit	
Sum of Cannabinoids per Serving		57.660 mg/serving	
Total Cannabinoids per Unit		1720.449 mg/unit	
Total Cannabinoids per Serving		57.347 mg/serving	

## DENSITY TEST RESULT

0.9488 g/mL

Tested 08/08/2022

**Method:** QSP 7870 - Sample Preparation