

**SAMPLE NAME: GRBPET**

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.220804C

**Sample ID:** 220805P003

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

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

**Batch Size:**

**Sample Size:**

**Unit Mass:** 28.446 grams per Unit

**Serving Size:** 0.9482 grams per Serving



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 23.923 mg/unit

**Total CBD:** 767.445 mg/unit

**Sum of Cannabinoids:** 841.433 mg/unit

**Total Cannabinoids:** 839.869 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:** 0.9482 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: 23.923 mg/unit

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

### TOTAL CBD: 767.445 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 839.869 mg/unit

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

### TOTAL CBG: 12.232 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 30.153 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 3.812 mg/unit

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 (%)
CBD	0.004 / 0.011	±0.9915	26.583	2.6583
CBC	0.003 / 0.010	±0.0341	1.060	0.1060
$\Delta^9$ -THC	0.040 / 0.280	±0.0462	0.841	0.0841
CBDa	0.001 / 0.026	±0.0128	0.451	0.0451
CBG	0.002 / 0.006	±0.0209	0.430	0.0430
CBDV	0.002 / 0.012	±0.0055	0.134	0.0134
CBN	0.001 / 0.007	±0.0012	0.043	0.0043
CBL	0.003 / 0.010	±0.0014	0.038	0.0038
$\Delta^8$ -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
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>29.580 mg/g</b>	<b>2.958%</b>

## Unit Mass: 28.446 grams per Unit / Serving Size: 0.9482 grams per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	23.923 mg/unit	PASS
$\Delta^9$ -THC per Serving		0.797 mg/serving	PASS
Total THC per Unit		23.923 mg/unit	
Total THC per Serving		0.797 mg/serving	
CBD per Unit		756.180 mg/unit	
CBD per Serving		25.206 mg/serving	
Total CBD per Unit		767.445 mg/unit	
Total CBD per Serving		25.581 mg/serving	
Sum of Cannabinoids per Unit		841.433 mg/unit	
Sum of Cannabinoids per Serving		28.048 mg/serving	
Total Cannabinoids per Unit		839.869 mg/unit	
Total Cannabinoids per Serving		27.995 mg/serving	

## DENSITY TEST RESULT

0.9482 g/mL

Tested 08/08/2022

Method: QSP 7870 - Sample Preparation