

**SAMPLE NAME: GRB 30ml Hemp Extract Pet Tincture**

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.230711**Sample ID:** 230728M064**Date Collected:** 07/28/2023**Date Received:** 07/28/2023**Batch Size:****Sample Size:** 1.0 units**Unit Mass:** 30 milliliters per Unit**Serving Size:** 1 milliliters per Serving

Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY****Total THC:** 27.630 mg/unit**Total CBD:** 773.670 mg/unit**Sum of Cannabinoids:** 859.980 mg/unit**Total Cannabinoids:** 858.240 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 + CBNTotal 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 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: Matthew Schneider  
Job Title: Laboratory Analyst I  
Date: 07/31/2023



Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 07/31/2023



## 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: 27.630 mg/unit

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

### TOTAL CBD: 773.670 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 858.240 mg/unit

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

### TOTAL CBG: 14.220 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 36.210 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 3.900 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 07/31/2023

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	$\pm 0.9464$	25.373	2.6759
CBC	0.003 / 0.010	$\pm 0.0389$	1.207	0.1273
$\Delta^9$ -THC	0.002 / 0.014	$\pm 0.0506$	0.921	0.0971
CBDa	0.001 / 0.026	$\pm 0.0135$	0.474	0.0500
CBG	0.002 / 0.006	$\pm 0.0230$	0.474	0.0500
CBDV	0.002 / 0.012	$\pm 0.0053$	0.130	0.0137
CBN	0.001 / 0.007	$\pm 0.0013$	0.045	0.0047
CBL	0.003 / 0.010	$\pm 0.0015$	0.042	0.0044
$\Delta^8$ -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
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			28.666 mg/mL	3.0232%

## Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	27.630 mg/unit	PASS
$\Delta^9$ -THC per Serving		0.921 mg/serving	PASS
Total THC per Unit		27.630 mg/unit	
Total THC per Serving		0.921 mg/serving	
CBD per Unit		761.190 mg/unit	
CBD per Serving		25.373 mg/serving	
Total CBD per Unit		773.670 mg/unit	
Total CBD per Serving		25.789 mg/serving	
Sum of Cannabinoids per Unit		859.980 mg/unit	
Sum of Cannabinoids per Serving		28.666 mg/serving	
Total Cannabinoids per Unit		858.240 mg/unit	
Total Cannabinoids per Serving		28.608 mg/serving	

## DENSITY TEST RESULT

0.9482 g/mL

Tested 07/31/2023

Method: QSP 7870 - Sample Preparation