

SAMPLE NAME: 35mg CBD Gummy

Infused, Solid 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.221121

Sample ID: 221128S015

Date Collected: 11/28/2022

Date Received: 11/28/2022

Batch Size:
Sample Size: 1.0 units

Unit Mass: 5 grams per Unit

Serving Size: 5 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 1.100 mg/unit

Total CBD: 38.960 mg/unit

Sum of Cannabinoids: 42.080 mg/unit

Total Cannabinoids: 41.875 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$


$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
SAFETY ANALYSIS - SUMMARY
 Δ^9 -THC per Unit: ✔ PASS
 Δ^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)



Approved by: Josh Wurzer
Job Title: President
Date: 12/02/2022



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: 1.100 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 38.960 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 41.875 mg/unit

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

TOTAL CBG: 0.295 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 1.210 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.170 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 12/01/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.2798	7.502	0.7502
CBDA	0.001 / 0.026	±0.0094	0.331	0.0331
CBC	0.003 / 0.010	±0.0078	0.242	0.0242
Δ^9 -THC	0.002 / 0.014	±0.0121	0.220	0.0220
CBG	0.002 / 0.006	±0.0029	0.059	0.0059
CBDV	0.002 / 0.012	±0.0014	0.034	0.0034
CBN	0.001 / 0.007	±0.0008	0.028	0.0028
Δ^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
CBL	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			8.416 mg/g	0.8416%

Unit Mass: 5 grams per Unit / Serving Size: 5 grams per Serving

Δ^9 -THC per Unit	110 per-package limit	1.100 mg/unit	PASS
Δ^9 -THC per Serving		1.100 mg/serving	PASS
Total THC per Unit		1.100 mg/unit	
Total THC per Serving		1.100 mg/serving	
CBD per Unit		37.510 mg/unit	
CBD per Serving		37.510 mg/serving	
Total CBD per Unit		38.960 mg/unit	
Total CBD per Serving		38.960 mg/serving	
Sum of Cannabinoids per Unit		42.080 mg/unit	
Sum of Cannabinoids per Serving		42.080 mg/serving	
Total Cannabinoids per Unit		41.875 mg/unit	
Total Cannabinoids per Serving		41.875 mg/serving	

NOTES

CoA Amended Update: Order Details-Unit Mass