

**SAMPLE NAME: Cannabiva Full Spectrum CBD Softgels**

Infused, Non-Inhalable

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Biva Nutrition, LLC

**License Number:**
**Address:**

**SAMPLE DETAIL**
**Batch Number:** RP459

**Sample ID:** 221202T004

**Date Collected:** 12/02/2022

**Date Received:** 12/02/2022

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:**
**Serving Size:** 0.5494 grams per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 0.668 mg/g

**Total CBD:** 53.403 mg/g

**Sum of Cannabinoids:** 55.460 mg/g

**Total Cannabinoids:** 55.422 mg/g

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

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

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

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

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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: Michael Pham  
 Job Title: Senior Laboratory Analyst  
 Date: 12/07/2022



 Approved by: Josh Wurzer  
 Job Title: President  
 Date: 12/07/2022




## Cannabinoïd Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 0.668 mg/g**

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

**TOTAL CBD: 53.403 mg/g**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 55.422 mg/g**

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

**TOTAL CBG: 0.856 mg/g**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 0.071 mg/g**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 0.347 mg/g**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 12/07/2022

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.9868	53.266	5.3266
CBG	0.002 / 0.006	±0.0351	0.724	0.0724
$\Delta^9$ -THC	0.002 / 0.014	±0.0367	0.668	0.0668
CBDV	0.002 / 0.012	±0.0142	0.347	0.0347
CBDA	0.001 / 0.026	±0.0044	0.156	0.0156
CBGa	0.002 / 0.007	±0.0034	0.151	0.0151
CBC	0.003 / 0.010	±0.0023	0.071	0.0071
CBL	0.003 / 0.010	±0.0019	0.051	0.0051
CBN	0.001 / 0.007	±0.0007	0.026	0.0026
$\Delta^8$ -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
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>55.460 mg/g</b>	<b>5.546%</b>

### Serving Size: 0.5494 grams per Serving

$\Delta^9$ -THC per Serving	0.367 mg/serving
Total THC per Serving	0.367 mg/serving
CBD per Serving	29.264 mg/serving
Total CBD per Serving	29.340 mg/serving
Sum of Cannabinoids per Serving	30.470 mg/serving
Total Cannabinoids per Serving	30.449 mg/serving