

SAMPLE DETAILS
SAMPLE NAME: 1900mg Full Spectrum CBD Oil Tincture

Infused, Topical

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Apex Labs CBD

License Number:
Address:
SAMPLE DETAIL
Batch Number: #019

Sample ID: 250129K010

Date Collected: 01/29/2025

Date Received: 01/29/2025

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: 32.340 mg/unit
Total CBD: 1517.850 mg/unit
Sum of Cannabinoids: 1927.020 mg/unit
Total Cannabinoids: 1927.020 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 = $\Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$

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

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

 Total Cannabinoids = $(\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$
 $(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$
 $(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$
Density: 0.9547 g/mL
SAFETY ANALYSIS - SUMMARY
 $\Delta^9\text{-THC}$ per Unit:  **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), $\mu\text{g/g} = \text{ppm}$, $\mu\text{g/kg} = \text{ppb}$



LQC verified by: Michael Pham
 Job Title: Senior Laboratory Analyst
 Date: 01/31/2025



Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 01/31/2025



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: 32.340 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1517.850 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1927.020 mg/unit

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

TOTAL CBG: 291.780 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.420 mg/unit

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 5.640 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/31/2025

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.8872	50.595	5.2996
CBG	0.002 / 0.006	±0.4717	9.726	1.0187
CBN	0.001 / 0.007	±0.0756	2.633	0.2758
Δ^9 -THC	0.002 / 0.014	±0.0592	1.078	0.1129
CBDV	0.002 / 0.012	±0.0077	0.188	0.0197
THCV	0.002 / 0.012	±0.0007	0.014	0.0015
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	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
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			64.234 mg/mL	6.7282%

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

Δ^9 -THC per Unit	1100 per-package limit	32.340 mg/unit	PASS
Δ^9 -THC per Serving		1.078 mg/serving	
Total THC per Unit		32.340 mg/unit	
Total THC per Serving		1.078 mg/serving	
CBD per Unit		1517.850 mg/unit	
CBD per Serving		50.595 mg/serving	
Total CBD per Unit		1517.850 mg/unit	
Total CBD per Serving		50.595 mg/serving	
Sum of Cannabinoids per Unit		1927.020 mg/unit	
Sum of Cannabinoids per Serving		64.234 mg/serving	
Total Cannabinoids per Unit		1927.020 mg/unit	
Total Cannabinoids per Serving		64.234 mg/serving	

DENSITY TEST RESULT

0.9547 g/mL

Tested 01/31/2025

Method: QSP 7870 - Sample Preparation

NOTES

Sample unit mass provided by client.