

Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 04/09/2025

SAMPLE DETAILS

SAMPLE NAME: Cinnamon 1000mg CBD Oil

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: 25-0122 **Sample ID:** 250404S007

DISTRIBUTOR / TESTED FOR

Business Name: Moon Mother Hemp

Co.

License Number:

Address:

Date Collected: 04/04/2025 **Date Received:** 04/04/2025

Batch Size:

Sample Size: 1.0 units

Unit Mass: 29.5 milliliters per Unit

Serving Size:







Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 40.651 mg/unit

Total CBD: 1121.236 mg/unit

Sum of Cannabinoids: 1243.396 mg/unit

Total Cannabinoids: 1238.322 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 = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^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) + Δ 8-THC + CBL + CBN

Density: 0.95 g/mL

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: \bigcirc PASS

Microbiology (PCR): PASS

Microbiology (Plating): ND

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.

 $\label{eq:continuous} \textbf{References:} \ \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), } \\ \mu g/g = ppm, \\ \mu g/kg = ppb, \\ \text{too numerous to count} > 250 \ \ \text{cfu/plate (TNTC), colony-forming unit (cfu)} \\ \end{cases}$

LOC verified by/Samantha LeBeau Job Title: Laboratory Assistant Date: 04/09/2025

Approved by: Josh Wurzer

Job Title: Chief Compliance Officer
Date: 04/09/2025



DATE ISSUED 04/09/2025





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: 40.651 mg/unit

Total THC (Δ⁹-THC+0.877*THCa)

TOTAL CBD: 1121.236 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1238.322 mg/unit

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$

TOTAL CBG: 24.102 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 37.436 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 11.210 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 04/07/2025

	COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
Ī	CBD	0.004 / 0.011	±1.3746	36.852	3.8792
	∆ ⁹ -THC	0.002 / 0.014	±0.0757	1.378	0.1451
	CBDa	0.001 / 0.026	±0.0374	1.318	0.1387
Ī	СВС	0.003 / 0.010	±0.0396	1.230	0.1295
Ī	CBG	0.002 / 0.006	±0.0396	0.817	0.0860
	CBDV	0.002 / 0.012	±0.0142	0.348	0.0366
	CBL	0.003 / 0.010	±0.0025	0.068	0.0072
	CBN	0.001 / 0.007	±0.0016	0.057	0.0060
	CBCa	0.001/0.015	±0.0017	0.045	0.0047
•	CBDVa	0.001/0.018	±0.0003	0.036	0.0038
Ī	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
	CBGa	0.002 / 0.007	N/A	ND	ND
	SUM OF CANNA	BINOIDS		42.149 mg/mL	4.4367%

Unit Mass: 29.5 milliliters per Unit

Δ^9 -THC per Unit	110 per-package limit	40.651 mg/unit	PASS
Total THC per Unit		40.651 mg/unit	
CBD per Unit		1087.134 mg/unit	
Total CBD per Unit		1121.236 mg/unit	
Sum of Cannabinoids per Unit		1243.396 mg/unit	
Total Cannabinoids per Unit		1238.322 mg/unit	

DENSITY TEST RESULT

0.95 g/mL

Tested 04/07/2025

Method: QSP 7870 - Sample Preparation

Preparation





DATE ISSUED 04/09/2025





Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

Analysis conducted by $3M^{\rm TM}$ Petrifilm $^{\rm TM}$ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with $3M^{TM}$ PetrifilmTM

MICROBIOLOGY TEST RESULTS (PCR) - 04/09/2025 PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Salmonella spp.	Not Detected in 1g	ND	PASS
Shiga toxin-producing Escherichia coli	Not Detected in 1g	ND	PASS

MICROBIOLOGY TEST RESULTS (PLATING) - 04/09/2025 ND

COMPOUND	RESULT (cfu/g)
Coliforms	ND
Total Aerobic Bacteria	ND
Total Yeast and Mold	ND

NOTES

Sample unit mass provided by client.