

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 02/10/2025

#### SAMPLE DETAILS

SAMPLE NAME: CBD Intimacy Oil Infused, Topical

#### CULTIVATOR / MANUFACTURER Business Name:

License Number: Address:

# DISTRIBUTOR / TESTED FOR

Business Name: Moon Mother Hemp Co. License Number: Address:

## SAMPLE DETAIL

Batch Number: 22501 Sample ID: 250206S008

## Date Collected: 02/06/2025 Date Received: 02/06/2025 Batch Size: Sample Size: 1.0 units Unit Mass: 59 milliliters per Unit Serving Size:





Scan QR code to verify authenticity of results.

#### CANNABINOID ANALYSIS - SUMMARY

Total THC: 27.848 mg/unit Total CBD: 559.202 mg/unit

Sum of Cannabinoids: 612.833 mg/unit

Total Cannabinoids: 612.833 mg/unit

 $\begin{array}{l} \mbox{Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step: Total THC = <math display="inline">\Delta^{0}$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) \\ \mbox{Sum of Cannabinoids = } \Delta^{0}-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^{0}$ -THC + CBL + CBN Total Cannabinoids =  $\Delta^{0}$ -THC + 0.877\*THCa) + (CBD+0.877\*CBGa) + (CCB-0.877\*CBGa) +  $\Delta^{0}$ -THC + CBL + CBN + CBD + CBD + (CBDV+0.877\*CBCa) +  $\Delta^{0}$ -THC + CBL + CBN + CBN + CBDVa +  $\Delta^{0}$ -THC + CBL + CBN + (CBDV+0.877\*CBCa) +  $\Delta^{0}$ -THC + CBL + CBN +

Density: 0.9361 g/mL

#### SAFETY ANALYSIS - SUMMARY

 $\Delta^9$ -THC per Unit: **OPASS** 

Microbiology (PCR): OPASS

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.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  $\mu g/g = ppm$ ,  $\mu g/kg = ppb$ , too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

: Randi Vuong Job Title: Laboratory Technician Date: 02/10/2025

Approved by: Josh Wurzer Job Title: Chief Compliance Officer Date: 02/10/2025

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# 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: 27.848 mg/unit

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

#### TOTAL CBD: 559.202 mg/unit

Total CBD (CBD+0.877\*CBDa)

#### TOTAL CANNABINOIDS: 612.833 mg/unit

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

# TOTAL CBG: 10.443 mg/unit

Total CBG (CBG+0.877\*CBGa)

#### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

#### TOTAL CBC: 11.151 mg/unit

Total CBC (CBC+0.877\*CBCa)

#### TOTAL CBDV: 2.065 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

#### CANNABINOID TEST RESULTS - 02/08/2025

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004/0.011	±0.3535	9.478	1.0125
∆ <sup>9</sup> -THC	0.002/0.014	±0.0259	0.472	0.0504
CBC	0.003/0.010	±0.0061	0.189	0.0202
CBG	0.002/0.006	±0.0086	0.177	0.0189
CBN	0.001/0.007	±0.0010	0.036	0.0038
CBDV	0.002/0.012	±0.0014	0.035	0.0037
∆ <sup>8</sup> -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
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
CBCa	0.001/0.015	N/A	ND	ND
SUM OF CANNABINOIDS		10.387 mg/mL	1.1096%	

#### Unit Mass: 59 milliliters per Unit

$\Delta^{9}$ -THC per Unit	1100 per-package limit	27.848 mg/unit PASS
Total THC per Unit		27.848 mg/unit
CBD per Unit		559.202 mg/unit
Total CBD per Unit		559.202 mg/unit
Sum of Cannabinoids per Unit	7	612.833 mg/unit
Total Cannabinoids per Unit		612.833 mg/unit

#### DENSITY TEST RESULT

## 0.9361 g/mL

Tested 02/08/2025

Method: QSP 7870 - Sample Preparation



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# 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<sup>™</sup> Petrifilm<sup>™</sup>

# MICROBIOLOGY TEST RESULTS (PCR) - 02/10/2025 OPASS

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) - 02/10/2025 ND

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

#### NOTES

Sample unit mass provided by client.