

**SAMPLE NAME: FULL SPECTRUM CBD OIL - PM SLEEP**

Infused, Colorado Infused

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Lee Hemp

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:**
**Sample ID:** 240209S015

**Date of Sampling:** 02/09/2024

**Time of Sampling:** 4:37 p.m.

**Sampler Name:**
**Sampler Company:**
**Date Collected:** 02/09/2024

**Date Received:** 02/09/2024

**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:** 106.890 mg/unit

**Total CBD:** 2021.040 mg/unit

**Sum of Cannabinoids:** 2691.00 mg/unit

**Total Cannabinoids:** 2691.00 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:

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

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


$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \end{aligned}$$
**Density:** 0.9529 g/mL

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:** 6 CCR 1010-21 Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations; where applicable

**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: Maria Garcia  
Job Title: Senior Laboratory Analyst  
Date: 02/13/2024



Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 02/13/2024



## 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: 106.890 mg/unit

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

### TOTAL CBD: 2021.040 mg/unit

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 2691.00 mg/unit

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

### TOTAL CBG: 23.100 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: 0.360 mg/unit

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 87.540 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 9.780 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 02/12/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±2.5128	67.368	7.0698
CBN	0.001 / 0.007	±0.4177	14.554	1.5273
$\Delta^9$ -THC	0.002 / 0.014	±0.1956	3.563	0.3739
CBC	0.003 / 0.010	±0.0940	2.918	0.3062
CBG	0.002 / 0.006	±0.0373	0.770	0.0808
CBDV	0.002 / 0.012	±0.0133	0.326	0.0342
CBL	0.003 / 0.010	±0.0059	0.160	0.0168
$\Delta^8$ -THC	0.01 / 0.02	±0.001	0.03	0.003
THCV	0.002 / 0.012	±0.0006	0.012	0.0013
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
CBCa	0.001 / 0.015	N/A	ND	ND
Total THC		±0.1956	3.563	0.3739
<b>SUM OF CANNABINOIDS</b>			<b>89.70 mg/mL</b>	<b>9.413%</b>

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

$\Delta^9$ -THC per Unit	106.890 mg/unit
$\Delta^9$ -THC per Serving	3.563 mg/serving
Total THC per Unit	106.890 mg/unit
Total THC per Serving	3.563 mg/serving
CBD per Unit	2021.040 mg/unit
CBD per Serving	67.368 mg/serving
Total CBD per Unit	2021.040 mg/unit
Total CBD per Serving	67.368 mg/serving
Sum of Cannabinoids per Unit	2691.00 mg/unit
Sum of Cannabinoids per Serving	89.70 mg/serving
Total Cannabinoids per Unit	2691.00 mg/unit
Total Cannabinoids per Serving	89.70 mg/serving

## DENSITY TEST RESULT

0.9529 g/mL

Tested 02/12/2024

**Method:** QSP 7870 - Sample Preparation