

**CERTIFICATE OF ANALYSIS**  
| HEMP QUALITY ASSURANCE TEST

Sample Name:

# 1500mg Full Spectrum CBD Muscle & Joint Roll-On

Infused, Hemp

Date Issued:

06/29/2024



([https://sclaboratories.s3.us-west-1.amazonaws.com/sample\\_photos/240628](https://sclaboratories.s3.us-west-1.amazonaws.com/sample_photos/240628))

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## Sample Details

Sample ID: 240628N015

Batch Number: 217024

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## Cultivator / Manufacturer

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## Distributor / Tested For

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### Cannabinoid Analysis – Summary

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Total THC: **66.573 mg/unit**

Total CBD: **1810.995 mg/unit**

Sum of Cannabinoids: **1996.019 mg/unit**

Total Cannabinoids: **1996.019 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 =  $\Delta^9\text{-THC} + (\text{THCa} (0.877))$

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

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

Why are Sum of Cannabinoids and Total Cannabinoids calculated separately? ▼

View Complete Test Results:

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## Cannabinoid Analysis **Tested**

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

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

### Summary

Total THC:

**66.573 mg/unit**

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

Total CBD:

**1810.995 mg/unit**

(CBD+0.877\*CBDA)

Total Cannabinoids: ?

**1996.019 mg/unit**

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Total CBG: 37.184 mg/unit

Total CBG (CBG+0.877\*CBGa)

Total THCv: ND

Total THCv (THCv+0.877\*THCvA)

Total CBC: 64.422 mg/unit

Total CBC (CBC+0.877\*CBCa)

Total CBDV: 13.440 mg/unit

Total CBDV (CBDV+0.877\*CBDvA)

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### Learn more

The cannabis plant contains dozens of active compounds called [cannabinoids](https://www.sclabs.com/cannabinoids/) (<https://www.sclabs.com/cannabinoids/>). These compounds are the primary contributors to the psychoactive effects of cannabis.

Cannabinoid testing (<https://www.sclabs.com/cannabis/>) determines the potency of a sample to aid in dosage considerations.

## Cannabinoid Test Results | 06/29/2024

Result Views

Table

Pie Chart

Filter by:

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Compound	LOD/LOQ (mg/g) <sup>?</sup>	Measurement Uncertainty (mg/g) <sup>?</sup>	Result (mg/g)	Result (%)
Cannabidiol (CBD)	0.004 / 0.011	±0.7539	20.212	2.0212
Δ9 Tetrahydrocannabinol (Δ9THC)	0.002 / 0.014	±0.0408	0.743	0.0743
Cannabichromene (CBC)	0.003 / 0.010	±0.0232	0.719	0.0719
Cannabigerol (CBG)	0.002 / 0.006	±0.0201	0.415	0.0415
Cannabidivarin (CBDV)	0.002 / 0.012	±0.0061	0.150	0.0150
Cannabinol (CBN)	0.001 / 0.007	±0.0006	0.021	0.0021
Cannabicyclol (CBL)	0.003 / 0.010	±0.0006	0.017	0.0017
Cannabichromenic Acid (CBCa)	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>22.277 mg/g</b>	<b>2.2277%</b>

Compound	LOD/LOQ (mg/g) <sup>?</sup>	Measurement Uncertainty (mg/g) <sup>?</sup>	Result (mg/g)	Result (%)
Cannabidiolic Acid (CBDa)	0.001 / 0.026	N/A	ND	ND
Cannabigerolic Acid (CBGa)	0.002 / 0.007	N/A	ND	ND
Tetrahydrocannabivarin (THCV)	0.002 / 0.012	N/A	ND	ND
Tetrahydrocannabinolic Acid (THCa)	0.001 / 0.005	N/A	ND	ND
Cannabidivarinic Acid (CBDVa)	0.001 / 0.018	N/A	ND	ND
Tetrahydrocannabivarinic Acid (THCVa)	0.002 / 0.019	N/A	ND	ND
$\Delta 8$ Tetrahydrocannabinol ( $\Delta 8$ THC)	0.01 / 0.02	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>22.277 mg/g</b>	<b>2.2277%</b>

Unit Mass: 89.6 GRAMS

Swipe left on table to see additional columns

$\Delta^9$ -THC per Unit	66.573 mg/unit
Total THC per Unit	66.573 mg/unit
CBD per Unit	1810.995 mg/unit

<b>Total CBD per Unit</b>	<b>1810.995 mg/unit</b>
<b>Sum of Cannabinoids per Unit</b>	<b>1996.019 mg/unit</b>
<b>Total Cannabinoids per Unit</b>	<b>1996.019 mg/unit</b>

**COA ID: 240628N015-001**

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.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

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