

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

**DATE ISSUED 07/23/2025** 

#### SAMPLE DETAILS

SAMPLE NAME: Relieve Muscle and Joint Cream

Infused, Topical

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

**Batch Number:** 250714A **Sample ID:** 250718L012

**DISTRIBUTOR / TESTED FOR** 

Business Name: Proper Rhino

Packaging, LLC License Number:

Address:

**Date Collected:** 07/18/2025 **Date Received:** 07/18/2025

Batch Size:

Sample Size: 1.0 unit

Unit Mass: 100 grams per Unit

Serving Size:







Scan QR code to verify authenticity of results.

#### **CANNABINOID ANALYSIS - SUMMARY**

**Total THC: Not Detected** 

Total CBD: 6512.500 mg/unit

Sum of Cannabinoids: 6963.200 mg/unit

Total Cannabinoids: 6963.200 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 =  $\Delta^9$ -THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))

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

TricVa + TricVa + CBC + CBCa + CBDV + CBDVA + \( \Delta + \( \Delta + \Delt

(CBDV+0.877\*CBDVa) +  $\Delta$ 8-THC + CBL + CBN

#### **SAFETY ANALYSIS - SUMMARY**

 $\Delta^9$ -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.

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

LQC verified by/Samantha LeBeau Job Title: Laboratory Assistant Date: 07/23/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 07/23/2025



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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: Not Detected** Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

TOTAL CBD: 6512.500 mg/unit

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 6963.200 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: 402.300 mg/unit

Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 4.500 mg/unit

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 33.700 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

#### **CANNABINOID TEST RESULTS - 07/21/2025**

	COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
	CBD	0.004 / 0.011	±2.4292	65.125	6.5125
	CBG	0.002 / 0.006	±0.1951	4.023	0.4023
	CBDV	0.002 / 0.012	±0.0137	0.337	0.0337
	CBN	0.001 / 0.007	±0.0029	0.102	0.0102
	СВС	0.003 / 0.010	±0.0014	0.045	0.0045
	Δ <sup>9</sup> -THC	0.002 / 0.014	N/A	ND	ND
	Δ <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
nit	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 CANNA	BINOIDS		69.632 mg/g	6.9632%

#### Unit Mass: 100 grams per Unit

$\Delta^9$ -THC per Unit	1100 per-package limit	ND	PASS
Total THC per Unit		ND	
CBD per Unit		6512.500 mg/unit	
Total CBD per Unit		6512.500 mg/unit	
Sum of Cannabinoids per Unit		6963.200 mg/unit	
Total Cannabinoids per Unit		6963.200 mg/unit	



#### **Microbiology Analysis**

PCR AND PLATING

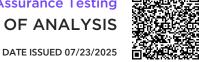
Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

#### MICROBIOLOGY TEST RESULTS (PCR) - 07/23/2025 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 Analysis Continued MICROBIOLOGY TEST RESULTS (PLATING) - 07/23/2025 ND

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

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

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

#### **NOTES**

Sample unit mass provided by client.