SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 03/16/2026

SAMPLE DETAILS

SAMPLE NAME: 1500mg Tincture
Infused, Hemp

CLIENT
Business Name: Root The Rockies
License Number:
Address: PO Box 14
Louviers CO 80131

SAMPLE DETAIL
Batch Number: 15TN-002
Sample ID: 260313K005

Date Collected: 03/13/2026
Date Received: 03/13/2026
Batch Size:
Sample Size: 30.0 units
Unit Mass: 30 grams per Unit
Serving Size: 1 gram per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 4.530 mg/unit

Total CBD: 1025.430 mg/unit

Sum of Cannabinoids: 1124.820 mg/unit

Total Cannabinoids: 1124.820 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 + CBN + CBNa
Total Cannabinoids = (Δ^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 + (CBN+0.877*CBNa)

SAFETY ANALYSIS - SUMMARY

Microbiology (PCR): ND

Microbiology (Plating): ND

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), µg/g = ppm, µg/kg = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

Approved by: Sam Schumann
Laboratory Director
Date: 03/16/2026

Cannabinoid Analysis

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

Method: (GLB-TM-14) Cannabinoid Potency Determination

TOTAL THC: 4.530 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 1025.430 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1124.820 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + (Total CBN)

TOTAL CBG: 43.980 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 1.050 mg/unit

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 28.350 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 3.510 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 03/16/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.007 / 0.147*	*±2.2901*	34.181	3.4181
CBG	*0.004 / 0.032*	*±0.0507*	1.466	0.1466
CBC	*0.001 / 0.057*	*±0.0671*	0.945	0.0945
CBN	*0.002 / 0.043*	*±0.0309*	0.599	0.0599
Δ^9-THC	*0.002 / 0.147*	*±0.0107*	0.151	0.0151
CBDV	*0.005 / 0.035*	*±0.0094*	0.117	0.0117
THCV	*0.003 / 0.029*	*±0.0017*	0.035	0.0035
Δ^8-THC	*0.002 / 0.162*	*N/A*	<LOQ	<LOQ
THCa	*0.006 / 0.130*	*N/A*	ND	ND
THCVa	*0.002 / 0.115*	*N/A*	ND	ND
CBDa	*0.008 / 0.151*	*N/A*	ND	ND
CBDVa	*0.002 / 0.063*	*N/A*	ND	ND
CBGa	*0.003 / 0.136*	*N/A*	ND	ND
CBCa	*0.003 / 0.052*	*N/A*	ND	ND
CBNa	*0.002 / 0.093*	*N/A*	ND	ND
SUM OF CANNABINOIDS			37.494 mg/g	3.7494%

Unit Mass: 30 grams per Unit / Serving Size: 1 gram per Serving

Δ^9-THC per Unit	4.530 mg/unit
Δ^9-THC per Serving	0.151 mg/serving
Total THC per Unit	4.530 mg/unit
Total THC per Serving	0.151 mg/serving
CBD per Unit	1025.430 mg/unit
CBD per Serving	34.181 mg/serving
Total CBD per Unit	1025.430 mg/unit
Total CBD per Serving	34.181 mg/serving
Sum of Cannabinoids per Unit	1124.820 mg/unit
Sum of Cannabinoids per Serving	37.494 mg/serving
Total Cannabinoids per Unit	1124.820 mg/unit
Total Cannabinoids per Serving	37.494 mg/serving

Microbiology Analysis

PCR AND PLATING

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

Method: (GLB-TM-25) Bioburden Testing for STEC & Salmonella or (GLB-TM-37) Microbiological Detection of Pathogenic Aspergillus

MICROBIOLOGY TEST RESULTS (PCR) - 03/16/2026 **ND**

COMPOUND	RESULT
Salmonella spp.	ND
Shiga toxin-producing *Escherichia coli*	ND

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: (GLB-TM-24) Bioburden Testing for Total Yeast and Mold

MICROBIOLOGY TEST RESULTS (PLATING) - 03/16/2026 **ND**

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

NOTES
Sample serving mass provided by client. Sample unit mass provided by client.