

SAMPLE DETAILS

SAMPLE NAME: 500mg Tincture

Infused, Hemp

CLIENT

Business Name: Root The Rockies

License Number:

Address: PO Box 14
Louviers CO 80131

SAMPLE DETAIL

Batch Number: 5TN-002

Sample ID: 260313K001

Date Collected: 03/13/2026

Date Received: 03/13/2026

Batch Size:

Sample Size: 1.0 unit

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: **Not Detected**Total CBD: **427.170 mg/unit**Sum of Cannabinoids: **466.260 mg/unit**Total Cannabinoids: **466.260 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),
 $\mu\text{g/g}$ = ppm, $\mu\text{g/kg}$ = 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: Not Detected

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 427.170 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 466.260 mg/unit

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

TOTAL CBG: 18.480 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 11.520 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.740 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	±0.9540	14.239	1.4239
CBG	0.004 / 0.032	±0.0213	0.616	0.0616
CBC	0.001 / 0.057	±0.0273	0.384	0.0384
CBN	0.002 / 0.043	±0.0126	0.245	0.0245
CBDV	0.005 / 0.035	±0.0046	0.058	0.0058
Δ^9 -THC	0.002 / 0.147	N/A	ND	ND
Δ^8 -THC	0.002 / 0.162	N/A	ND	ND
THCa	0.006 / 0.130	N/A	ND	ND
THCV	0.003 / 0.029	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			15.542 mg/g	1.5542%

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

Δ^9 -THC per Unit	ND
Δ^9 -THC per Serving	ND
Total THC per Unit	ND
Total THC per Serving	ND
CBD per Unit	427.170 mg/unit
CBD per Serving	14.239 mg/serving
Total CBD per Unit	427.170 mg/unit
Total CBD per Serving	14.239 mg/serving
Sum of Cannabinoids per Unit	466.260 mg/unit
Sum of Cannabinoids per Serving	15.542 mg/serving
Total Cannabinoids per Unit	466.260 mg/unit
Total Cannabinoids per Serving	15.542 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

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 (PCR) - 03/16/2026 ND

COMPOUND	RESULT
<i>Salmonella</i> spp.	ND
Shiga toxin-producing <i>Escherichia coli</i>	ND

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.