

SAMPLE DETAILS
SAMPLE NAME: 3000mg Tincture

Infused, Hemp

CLIENT
Business Name: Root The Rockies

License Number:
Address: PO Box 14
 Louviers CO 80131

SAMPLE DETAIL
Batch Number: 30TN-001

Sample ID: 260313K006

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: <LOQ

Total CBD: 2463.270 mg/unit

Sum of Cannabinoids: 2678.760 mg/unit

Total Cannabinoids: 2678.760 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: <LOQ

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 2463.270 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 2678.760 mg/unit

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

TOTAL CBG: 105.000 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 68.010 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: <LOQ

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	0.077 / 1.621	±5.5013	82.109	8.2109
CBG	0.044 / 0.357	±0.1211	3.500	0.3500
CBC	0.008 / 0.632	±0.1610	2.267	0.2267
CBN	0.027 / 0.470	±0.0731	1.416	0.1416
Δ^9 -THC	0.018 / 1.621	N/A	<LOQ	<LOQ
Δ^8 -THC	0.026 / 1.783	N/A	<LOQ	<LOQ
CBDV	0.058 / 0.381	N/A	<LOQ	<LOQ
THCa	0.068 / 1.435	N/A	ND	ND
THCV	0.031 / 0.324	N/A	ND	ND
THCVa	0.024 / 1.264	N/A	ND	ND
CBDA	0.091 / 1.662	N/A	ND	ND
CBDVa	0.026 / 0.697	N/A	ND	ND
CBGa	0.030 / 1.499	N/A	ND	ND
CBCa	0.029 / 0.575	N/A	ND	ND
CBNa	0.024 / 1.021	N/A	ND	ND
SUM OF CANNABINOIDS			89.292 mg/g	8.9292%

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

Δ^9 -THC per Unit	<LOQ
Δ^9 -THC per Serving	<LOQ
Total THC per Unit	<LOQ
Total THC per Serving	<LOQ
CBD per Unit	2463.270 mg/unit
CBD per Serving	82.109 mg/serving
Total CBD per Unit	2463.270 mg/unit
Total CBD per Serving	82.109 mg/serving
Sum of Cannabinoids per Unit	2678.760 mg/unit
Sum of Cannabinoids per Serving	89.292 mg/serving
Total Cannabinoids per Unit	2678.760 mg/unit
Total Cannabinoids per Serving	89.292 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.