SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 01/16/2026

SAMPLE DETAILS

SAMPLE NAME: 1oz 2500mg Thc Free Tincture

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: North Star Hemp
License Number:
Address:

SAMPLE DETAIL

Batch Number: TF0258
Sample ID: 260113L110

Date Collected: 01/13/2026
Date Received: 01/13/2026
Batch Size:
Sample Size: 1.0 unit
Unit Mass: 30 grams per Unit
Serving Size: 30 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 4.860 mg/unit

Total CBD: 2985.000 mg/unit

Sum of Cannabinoids: 3004.350 mg/unit

Total Cannabinoids: 3004.350 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 + CBL + CBN
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 + CBL + CBN

Density: 0.9515 g/mL

SAFETY ANALYSIS - SUMMARY

Δ^9-THC per Unit: PASS **Δ^9-THC per Serving:** PASS **Heavy Metals:** PASS

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.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb

LQC Verified by: Miguel Flores
Job Title: Laboratory Assistant
Date: 01/16/2026

Approved by: Josh Wurzer
Chief Compliance Officer
Date: 01/16/2026

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: 4.860 mg/unit
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 2985.000 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 3004.350 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: 0.930 mg/unit
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: <LOQ
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 13.560 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 01/14/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±3.7114*	99.500	9.9500
CBDV	*0.002 / 0.012*	*±0.0184*	0.452	0.0452
Δ^9-THC	*0.002 / 0.014*	*±0.0089*	0.162	0.0162
CBG	*0.002 / 0.006*	*±0.0015*	0.031	0.0031
CBN	*0.001 / 0.007*	*N/A*	<LOQ	<LOQ
CBC	*0.003 / 0.010*	*N/A*	<LOQ	<LOQ
Δ^8-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
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 CANNABINOIDS			100.145 mg/g	10.0145%

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

Δ^9-THC per Unit	*110 per-package limit*	4.860 mg/unit	PASS
Δ^9-THC per Serving		4.860 mg/serving	PASS
Total THC per Unit		4.860 mg/unit	
Total THC per Serving		4.860 mg/serving	
CBD per Unit		2985.000 mg/unit	
CBD per Serving		2985.000 mg/serving	
Total CBD per Unit		2985.000 mg/unit	
Total CBD per Serving		2985.000 mg/serving	
Sum of Cannabinoids per Unit		3004.350 mg/unit	
Sum of Cannabinoids per Serving		3004.350 mg/serving	
Total Cannabinoids per Unit		3004.350 mg/unit	
Total Cannabinoids per Serving		3004.350 mg/serving	

DENSITY TEST RESULT

0.9515 g/mL

Tested 01/14/2026

Method: QSP 7870 - Sample Preparation

Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 01/16/2026 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	*0.02 / 0.1*	*1.5*	*N/A*	ND	PASS
Cadmium	*0.02 / 0.05*	*0.5*	*N/A*	ND	PASS
Lead	*0.04 / 0.1*	*0.5*	*N/A*	ND	PASS
Mercury	*0.002 / 0.01*	*3*	*N/A*	ND	PASS

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