SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 01/16/2026

SAMPLE DETAILS

SAMPLE NAME: 1oz 1500mg Fspec 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: T2459
Sample ID: 260113L106

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: 36.840 mg/unit

Total CBD: 1531.770 mg/unit

Sum of Cannabinoids: 1652.130 mg/unit

Total Cannabinoids: 1652.130 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: 0.9491 g/mL

SAFETY ANALYSIS - SUMMARY

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: 36.840 mg/unit

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 1531.770 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1652.130 mg/unit

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

TOTAL CBG: 27.420 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 56.100 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

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	*0.080 / 0.220*	*±1.9045*	51.059	5.1059
CBC	*0.060 / 0.200*	*±0.0602*	1.870	0.1870
Δ^9-THC	*0.040 / 0.280*	*±0.0674*	1.228	0.1228
CBG	*0.040 / 0.120*	*±0.0443*	0.914	0.0914
Δ^8-THC	*0.20 / 0.40*	*N/A*	ND	ND
THCa	*0.020 / 0.100*	*N/A*	ND	ND
THCV	*0.040 / 0.240*	*N/A*	ND	ND
THCVa	*0.040 / 0.380*	*N/A*	ND	ND
CBDa	*0.020 / 0.520*	*N/A*	ND	ND
CBDV	*0.040 / 0.240*	*N/A*	ND	ND
CBDVa	*0.020 / 0.360*	*N/A*	ND	ND
CBGa	*0.040 / 0.140*	*N/A*	ND	ND
CBL	*0.060 / 0.200*	*N/A*	ND	ND
CBN	*0.020 / 0.140*	*N/A*	ND	ND
CBCa	*0.020 / 0.300*	*N/A*	ND	ND
SUM OF CANNABINOIDS			55.071 mg/g	5.5071%

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

Δ^9-THC per Unit	*110 per-package limit*	36.840 mg/unit
Δ^9-THC per Serving		36.840 mg/serving
Total THC per Unit		36.840 mg/unit
Total THC per Serving		36.840 mg/serving
CBD per Unit		1531.770 mg/unit
CBD per Serving		1531.770 mg/serving
Total CBD per Unit		1531.770 mg/unit
Total CBD per Serving		1531.770 mg/serving
Sum of Cannabinoids per Unit		1652.130 mg/unit
Sum of Cannabinoids per Serving		1652.130 mg/serving
Total Cannabinoids per Unit		1652.130 mg/unit
Total Cannabinoids per Serving		1652.130 mg/serving

DENSITY TEST RESULT

0.9491 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.