

Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 04/10/2025

SAMPLE DETAILS

SAMPLE NAME: 5000mg Full Spec Oil

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: Fspec50-04/02 Sample ID: 250407Q056

DISTRIBUTOR / TESTED FOR

Business Name: North Star Hemp

License Number:

Address:

Date Collected: 04/07/2025 Date Received: 04/07/2025

Batch Size:

Sample Size: 1.0 units

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: 84.330 mg/unit

Total CBD: 5391.660 mg/unit

Sum of Cannabinoids: 5619.510 mg/unit

Total Cannabinoids: 5619.510 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 + Δ8-THC + CBL + CBN Total Cannabinoids = $(\Delta^9$ -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: 0.9582 g/mL

SAFETY ANALYSIS - SUMMARY

 Δ^9 -THC per Unit: \bigcirc PASS

 Δ^9 -THC per Serving: **(X) FAIL**

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

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), $\mu g/g = ppm, \mu g/kg = ppb$

LQC verified by: Maria Garcia Job Title: Senior Laboratory Analyst Date: 04/10/2025

Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 04/10/2025

SC Laboratories California LLC. | 100 Pioneer Street, Suite E, Santa Cruz, CA 95060 | (866) 435-0709 | sclabs.com | C8-0000013-LIC | ISO/IES 17025:2017 PJLA Accreditation Number 87168 © 2025 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT0002 REV9 2/22 COA ID: 250407Q056-001 Summary Page



DATE ISSUED 04/10/2025





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: 84.330 mg/unit

Total THC (Δ⁹-THC+0.877*THCa)

TOTAL CBD: 5391.660 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 5619.510 mg/unit

 $\begin{array}{l} Total \ Cannabinoids \ (Total \ THC) + (Total \ CBD) + \\ (Total \ CBG) + (Total \ THCV) + (Total \ CBC) + \\ (Total \ CBDV) + \Delta^8 - THC + CBL + CBN \end{array}$

TOTAL CBG: 41.010 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 76.560 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 19.020 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

Technical Support. For questions and technical support regarding a failed result, please contact your SC Labs representative.

CANNABINOID TEST RESULTS - 04/10/2025

	COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Ī	CBD	0.004 / 0.011	±6.7036	179.722	17.9722
Ī	Δ^9 -THC	0.002 / 0.014	±0.1543	2.811	0.2811
	СВС	0.003 / 0.010	±0.0822	2.552	0.2552
Ī	CBG	0.002 / 0.006	±0.0663	1.367	0.1367
Ī	CBDV	0.002 / 0.012	±0.0259	0.634	0.0634
	CBN	0.001 / 0.007	±0.0038	0.131	0.0131
Ī	CBL	0.003 / 0.010	±0.0037	0.100	0.0100
	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
Ī	CBDVa	0.001 / 0.018	N/A	ND	ND
	CBGa	0.002 / 0.007	N/A	ND	ND
	CBCa	0.001 / 0.015	N/A	ND	ND
	SUM OF CANNA	BINOIDS		187.317 mg/g	18.7317%

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

Δ^9 -THC per Unit	110 per-package li <mark>mit</mark>	84.330 mg/unit	PASS
Δ^9 -THC per Serving		84.330 mg/serving	FAIL
Total THC per Unit		84.330 mg/unit	
Total THC per Serving		84.330 mg/serving	
CBD per Unit		5391.660 mg/unit	
CBD per Serving		5391.660 mg/serving	
Total CBD per Unit		5391.660 mg/unit	
Total CBD per Serving		5391.660 mg/serving	
Sum of Cannabinoids per Unit		5619.510 mg/unit	
Sum of Cannabinoids per Serving		5619.510 mg/serving	
Total Cannabinoids per Unit		5619.510 mg/unit	
Total Cannabinoids per Serving		5619.510 mg/serving	

DENSITY TEST RESULT

0.9582 g/mL

Tested 04/10/2025

Method: QSP 7870 - Sample Preparation

NOTES

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