

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 05/28/2025

## SAMPLE DETAILS

SAMPLE NAME: 5000mg Thc Free Oil Infused, Liquid Edible

# CULTIVATOR / MANUFACTURER

Business Name: License Number: Address:

#### SAMPLE DETAIL

Batch Number: Tfree50-04/02 Sample ID: 250407Q059

# 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 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: 5509.500 mg/unit

Sum of Cannabinoids: 5532.540 mg/unit

Total Cannabinoids: 5532.540 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 =  $\Delta^{9}$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) Sum of Cannabinoids =  $\Delta^{9}$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^{8}$ -THC + CBL + CBN Total Cannabinoids = ( $\Delta^{9}$ -THC + 0.877\*THCa) + (CBC+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBCa) +  $\Delta^{8}$ -THC + CBL + CBN

Density: 0.958 g/mL

#### SAFETY ANALYSIS - SUMMARY

 $\Delta^9$ -THC per Unit: **OPASS** 

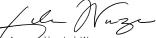
#### $\Delta^{9}$ -THC per Serving: $\bigcirc$ PASS

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



Approved by: Josh Wurzer Job Title: Chief Compliance Officer Date: 05/28/2025

Amendment to Certificate of Analysis 250407Q059-001

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Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: Not Detected

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

## TOTAL CBD: 5509.500 mg/unit

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 5532.540 mg/unit

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

#### TOTAL CBG: ND

Total CBG (CBG+0.877\*CBGa)

# TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

#### TOTAL CBC: ND

Total CBC (CBC+0.877\*CBCa)

# TOTAL CBDV: 23.040 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 04/10/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.080/0.220	±6.8501	183.650	18.3650
CBDV	0.040/0.240	±0.0313	0.768	0.0768
∆ <sup>9</sup> -THC	0.040/0.280	N/A	ND	ND
$\Delta^8$ -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
CBDVa	0.020/0.360	N/A	ND	ND
CBG	0.040 / 0.120	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
СВС	0.060 / 0.200	N/A	ND	ND
CBCa	0.020/0.300	N/A	ND	ND
SUM OF CANNABINOIDS			184.418 mg/g	18.4418%

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

$\Delta^9$ -THC per Unit	110 per-package limit	ND	PASS
$\Delta^9$ -THC per Serving		ND	PASS
Total THC per Unit		ND	
Total THC per Serving		ND	
CBD per Unit		5509.500 mg/unit	
CBD per Serving		183.650 mg/serving	
Total CBD per Unit		5509.500 mg/unit	
Total CBD per Serving		183.650 mg/serving	
Sum of Cannabinoids per Unit	5532.540 mg/unit		
Sum of Cannabinoids per Serving	184.418 mg/serving		
Total Cannabinoids per Unit	5532.540 mg/unit		
Total Cannabinoids per Serving	184.418 mg/serving		

#### DENSITY TEST RESULT

### NOTES

Reason for Amendment: Unit/Serving Mass Change Sample serving mass provided by client. Sample unit mass provided by client.

0.958 g/mL

Tested 04/10/2025

Method: QSP 7870 - Sample Preparation

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