

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

**DATE ISSUED 05/28/2025** 

### SAMPLE DETAILS

SAMPLE NAME: CD Relax Cream

Infused, Topical

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: exp0426 Sample ID: 250407Q049 **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: 59 grams per Unit

Serving Size:







Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 33.040 mg/unit

Total CBD: 1364.965 mg/unit

Sum of Cannabinoids: 1443.553 mg/unit

Total Cannabinoids: 1443.553 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 =  $\Delta^0$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) Sum of Cannabinoids =  $\Delta^0$ -THC + THCa + CBD + CBDa + CBG + CBGa +

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

(CBDV+0.877\*CBDVa) +  $\Delta$ 8-THC + CBL + CBN

**SAFETY ANALYSIS - SUMMARY** 

 $\Delta^9$ -THC per Unit:  $\bigcirc$  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),

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

Amendment to Certificate of Analysis 250407Q049-001



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### 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: 33.040 mg/unit Total THC ( $\Delta^9$ -THC+0.877\*THCa)

**TOTAL CBD: 1364.965 mg/unit** 

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 1443.553 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: ND

Total CBG (CBG+0.877\*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 45.548 mg/unit

Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: ND

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 (%)
Ī	CBD	0.080 / 0.220	±0.8629	23.135	2.3135
	СВС	0.060 / 0.200	±0.0249	0.772	0.0772
	$\Delta^9$ -THC	0.040 / 0.280	±0.0307	0.560	0.0560
	∆ <sup>8</sup> -THC	0.20 / 0.40	N/A	ND	ND
Ī	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
it	CBDVa	0.020 / 0.360	N/A	ND	ND
Ī	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
	CBCa	0.020 / 0.300	N/A	ND	ND
	SUM OF CANNA	BINOIDS		24.467 mg/g	2.4467%

### Unit Mass: 59 grams per Unit

$\Delta^9$ -THC per Unit	1100 per-package limit	33.040 mg/unit PASS
Total THC per Unit		33.040 mg/unit
CBD per Unit		1364.965 mg/unit
Total CBD per Unit		1364.965 mg/unit
Sum of Cannabinoids per Unit		1443.553 mg/unit
Total Cannabinoids per Unit		1443.553 mg/unit

#### NOTES

Reason for Amendment: Order Detail Information Change Sample serving mass provided by client. Sample unit mass provided by client.