

Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 05/30/2024

SAMPLE NAME: Recover - 5000 Oil - Red

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: NSH00501024 Sample ID: 240528R041

DISTRIBUTOR / TESTED FOR

Business Name: North Star Hemp

License Number:

Address:

Date Collected: 05/28/2024 Date Received: 05/28/2024

Batch Size:

Sample Size: 1.0 units

Unit Mass: 30 milliliters per Unit Serving Size: 1 milliliters per Serving







Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 5340.930 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 + Sum of Cannabinoids: 5362.620 mg/unit^{THCV} + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN Total Cannabinoids = $(\Delta^9$ -THC+0.877*THCa) + (CBD+0.877*CBDa) +

Total Cannabinoids: 5362.620 mg/unit (CBG+0.877*CBCa) + Δ⁸-THC + CBL + CBN (CBDV+0.877*THCVa) + Δ⁸-THC + CBL + CBN

Density: 0.9581 g/mL

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.

Approved by: Josh Wurzer Title: Chief Compliance Officer Date: 05/30/2024

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)



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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: Not Detected Total THC (Δ⁹-THC+0.877*THCa)

TOTAL CBD: 5340.930 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 5362.620 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: 2.850 mg/unit

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: 18.840 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/30/2024

	COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
iit -	CBD	0.004 / 0.011	±6.6406	178.031	18.5817
	CBDV	0.002/0.012	±0.0256	0.628	0.0655
	CBG	0.002 / 0.006	±0.0046	0.095	0.0099
	Δ ⁹ -THC	0.002 / 0.014	N/A	ND	ND
	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
	CBN	0.001 / 0.007	N/A	ND	ND
	СВС	0.003/0.010	N/A	ND	ND
	CBCa	0.001 / 0.015	N/A	ND	ND
	SUM OF CANNA	BINOIDS		178.754 mg/mL	18.6571%

Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

Δ^9 -THC per Unit	ND	
Δ ⁹ -THC per Serving	ND	
Total THC per Unit	ND	
Total THC per Serving	ND	
CBD per Unit	5340.930 mg/unit	
CBD per Serving	178.031 mg/serving	
Total CBD per Unit	5340.930 mg/unit	
Total CBD per Serving	178.031 mg/serving	
Sum of Cannabinoids per Unit	5362.620 mg/unit	
Sum of Cannabinoids per Serving	178.754 mg/serving	
Total Cannabinoids per Unit	5362.620 mg/unit	
Total Cannabinoids per Serving	178.754 mg/serving	

DENSITY TEST RESULT

0.9581 g/mL

Tested 05/30/2024

Method: QSP 7870 - Sample Preparation