

SAMPLE NAME: Recover - 5000 Oil - White

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: North Star Hemp

License Number:
Address:
SAMPLE DETAIL
Batch Number: NSH004028024

Sample ID: 240528R037

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: 89.040 mg/unit
Total CBD: 4999.410 mg/unit
Sum of Cannabinoids: 5250.840 mg/unit
Total Cannabinoids: 5250.840 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:

$$\text{Total THC} = \Delta^9\text{-THC} + (\text{THCa} \cdot 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
Density: 0.958 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.

Rinal Ahir
QC Verified by: Rinal Ahir
Date: 05/30/2024

Josh Wurzer
Approved by: Josh Wurzer
Job 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: 89.040 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 4999.410 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 5250.840 mg/unit

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

TOTAL CBG: 41.460 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 99.900 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 16.230 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 (%)
CBD	0.004 / 0.011	±6.2159	166.647	17.3953
CBC	0.003 / 0.010	±0.1072	3.330	0.3476
Δ^9 -THC	0.002 / 0.014	±0.1629	2.968	0.3098
CBG	0.002 / 0.006	±0.0670	1.382	0.1443
CBDV	0.002 / 0.012	±0.0221	0.541	0.0565
CBN	0.001 / 0.007	±0.0024	0.083	0.0087
CBL	0.003 / 0.010	±0.0028	0.077	0.0080
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
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			175.028 mg/mL	18.2701%

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

Δ^9 -THC per Unit	89.040 mg/unit
Δ^9 -THC per Serving	2.968 mg/serving
Total THC per Unit	89.040 mg/unit
Total THC per Serving	2.968 mg/serving
CBD per Unit	4999.410 mg/unit
CBD per Serving	166.647 mg/serving
Total CBD per Unit	4999.410 mg/unit
Total CBD per Serving	166.647 mg/serving
Sum of Cannabinoids per Unit	5250.840 mg/unit
Sum of Cannabinoids per Serving	175.028 mg/serving
Total Cannabinoids per Unit	5250.840 mg/unit
Total Cannabinoids per Serving	175.028 mg/serving

DENSITY TEST RESULT

0.958 g/mL

Tested 05/30/2024

Method: QSP 7870 - Sample Preparation