

SAMPLE NAME: Hydrate Lotion

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: North Star Hemp

License Number:

Address:

SAMPLE DETAIL

Batch Number: NSH0010200240

Sample ID: 240528R026

Date Collected: 05/28/2024

Date Received: 05/28/2024

Batch Size:

Sample Size: 1.0 units

Unit Mass: 118 grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **24.308 mg/unit**

Total CBD: **1826.876 mg/unit**

Sum of Cannabinoids: **1888.236 mg/unit**

Total Cannabinoids: **1888.236 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 + Δ^8 -THC + CBL + CBN

Total Cannabinoids = (Δ^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

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.

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

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LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 05/29/2024


Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 05/29/2024



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: 24.308 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1826.876 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1888.236 mg/unit

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

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 24.426 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 5.664 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 05/29/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.5775	15.482	1.5482
CBC	0.003 / 0.010	±0.0067	0.207	0.0207
Δ^9 -THC	0.002 / 0.014	±0.0113	0.206	0.0206
CBN	0.001 / 0.007	±0.0017	0.059	0.0059
CBDV	0.002 / 0.012	±0.0020	0.048	0.0048
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
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			16.002 mg/g	1.6002%

Unit Mass: 118 grams per Unit

Δ^9 -THC per Unit	24.308 mg/unit
Total THC per Unit	24.308 mg/unit
CBD per Unit	1826.876 mg/unit
Total CBD per Unit	1826.876 mg/unit
Sum of Cannabinoids per Unit	1888.236 mg/unit
Total Cannabinoids per Unit	1888.236 mg/unit