

**SAMPLE NAME: Revive - Green - Muscle Cream**

Infused, Hemp

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

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** NSH005002024

**Sample ID:** 240528R031

**Date Collected:** 05/28/2024

**Date Received:** 05/28/2024

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 59 grams per Unit

**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC: 39.530 mg/unit**
**Total CBD: 1290.448 mg/unit**
**Sum of Cannabinoids: 1376.942 mg/unit**
**Total Cannabinoids: 1376.942 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:

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

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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

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

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

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.



 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

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




## 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: 39.530 mg/unit

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

### TOTAL CBD: 1290.448 mg/unit

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 1376.942 mg/unit

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

### TOTAL CBG: ND

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 41.005 mg/unit

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 2.242 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	±0.8158	21.872	2.1872
CBC	0.003 / 0.010	±0.0224	0.695	0.0695
$\Delta^9$ -THC	0.002 / 0.014	±0.0368	0.670	0.0670
CBN	0.001 / 0.007	±0.0014	0.048	0.0048
CBDV	0.002 / 0.012	±0.0016	0.038	0.0038
CBL	0.003 / 0.010	±0.0006	0.015	0.0015
$\Delta^8$ -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
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>23.338 mg/g</b>	<b>2.3338%</b>

## Unit Mass: 59 grams per Unit

$\Delta^9$ -THC per Unit	39.530 mg/unit
Total THC per Unit	39.530 mg/unit
CBD per Unit	1290.448 mg/unit
Total CBD per Unit	1290.448 mg/unit
Sum of Cannabinoids per Unit	1376.942 mg/unit
Total Cannabinoids per Unit	1376.942 mg/unit