

**SAMPLE NAME: Night Time Beverage**

Infused, Solid Edible

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

**License Number:**
**Address:**

**SAMPLE DETAIL**
**Batch Number:** 1846

**Sample ID:** 240212R006

**Date Collected:** 02/12/2024

**Date Received:** 02/12/2024

**Batch Size:** 1.0 units

**Sample Size:** 1.0 units

**Unit Mass:**
**Serving Size:** 355 milliliters per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 0.0140 mg/mL

**Total CBD:** Not Detected

**Sum of Cannabinoids:** 0.0184 mg/mL

**Total Cannabinoids:** 0.0184 mg/mL

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:** 0.9986 g/mL

**SAFETY ANALYSIS - SUMMARY**
 $\Delta^9$ -THC per Serving: ✔ 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)



 LQC verified by: Michael Pham  
 Job Title: Senior Laboratory Analyst  
 Date: 02/15/2024



 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 02/15/2024




## 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: 0.0140 mg/mL

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

### TOTAL CBD: Not Detected

Total CBD (CBD+0.877\*CBDA)

### TOTAL CANNABINOIDS: 0.0184 mg/mL

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

### TOTAL CBG: 0.0003 mg/mL

Total CBG (CBG+0.877\*CBCa)

### TOTAL THCV: <LOQ

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: <LOQ

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: ND

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 02/15/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
$\Delta^9$ -THC	0.0001 / 0.0005	$\pm 0.00077$	0.0140	0.00140
CBN	0.0001 / 0.0003	$\pm 0.00012$	0.0041	0.00041
CBG	0.0001 / 0.0002	$\pm 0.00001$	0.0003	0.00003
$\Delta^8$ -THC	0.0003 / 0.0008	N/A	<LOQ	<LOQ
THCV	0.0001 / 0.0005	N/A	<LOQ	<LOQ
CBC	0.0001 / 0.0004	N/A	<LOQ	<LOQ
THCa	0.0001 / 0.0002	N/A	ND	ND
THCVa	0.0001 / 0.0007	N/A	ND	ND
CBD	0.0001 / 0.0004	N/A	ND	ND
CBDA	0.0001 / 0.0010	N/A	ND	ND
CBDV	0.0001 / 0.0005	N/A	ND	ND
CBDVa	0.0001 / 0.0007	N/A	ND	ND
CBGa	0.0001 / 0.0003	N/A	ND	ND
CBL	0.0001 / 0.0004	N/A	ND	ND
CBCa	0.0001 / 0.0006	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>0.0184 mg/mL</b>	<b>0.00184%</b>

## Serving Size: 355 milliliters per Serving

$\Delta^9$ -THC per Serving	4.9700 mg/serving	PASS
Total THC per Serving	4.9700 mg/serving	
CBD per Serving	ND	
Total CBD per Serving	ND	
Sum of Cannabinoids per Serving	6.5320 mg/serving	
Total Cannabinoids per Serving	6.5320 mg/serving	

## DENSITY TEST RESULT

0.9986 g/mL

Tested 02/15/2024

**Method:** QSP 7870 - Sample Preparation