

# **Hemp Quality Assurance Testing**

### **CERTIFICATE OF ANALYSIS**

**DATE ISSUED 01/02/2025** 

### SAMPLE DETAILS

SAMPLE NAME: Turn Down 12/27

Infused, Hemp

**CULTIVATOR / MANUFACTURER** 

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number: TD003 Sample ID: 241230M002 **DISTRIBUTOR / TESTED FOR** 

Business Name: Indeed Brewing

Company

License Number:

Address:

**Date Collected:** 12/30/2024 **Date Received:** 12/30/2024

Batch Size:

Sample Size: 1.0 units

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

TDØ03



Scan QR code to verify authenticity of results.

### **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 4.6505 mg/unit

Total CBD: Not Detected

Sum of Cannabinoids: 14.2355 mg/unit

Total Cannabinoids: 14.2355 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 =  $\Delta^9$ -THC + (THCa (0.877))

Total THC =  $\Delta^2$ -THC + (THCa (0.877) Total CBD = CBD + (CBDa (0.877))

$$\label{eq:SumofCannabinoids} \begin{split} &Sum\ of\ Cannabinoids = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ &THCV + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ &Total\ Cannabinoids = (\Delta^9\text{-THC} + 0.877*\text{THCa}) + (\text{CBD} + 0.877*\text{CBDa}) + (\text{CBG} + 0.877*\text{CBGa}) + (\text{THCV} + 0.877*\text{THCVa}) + (\text{CBC} + 0.877*\text{CBCa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{THCV} + 0.877*\text{THCVa}) + (\text{CBC} + 0.877*\text{CBCa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{CBG} + 0.877*\text{CBCa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{CBG} + 0.877*\text{CBCa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{CBG} + 0.877*\text{CBCa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{CBG} + 0.877*\text{CBCa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{CBG} + 0.877*\text{CBCa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{CBG} + 0.877*\text{CBGa}) + (\text{CBG} + 0.877*\text{CBGa}) + \\ &(\text{CBG} + 0.877*\text{CBGa}) + (\text{CBG} + 0.877*\text{CGGA}) + (\text{CBG} + 0.877*\text{CGGA})$$

(CBDV+0.877\*CBDVa) +  $\Delta$ <sup>8</sup>-THC + CBL + CBN

Density: 0.9719 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.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  $ug/g = ppm_1 ug/kg = pph_2$ 

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 01/02/2025

Amendment to Certificate of Analysis 241230M002-001



DATE ISSUED 01/02/2025





## 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: 4.6505 mg/unit

Total THC (Δ<sup>9</sup>-THC+0.877\*THCa)

**TOTAL CBD: Not Detected** 

Total CBD (CBD+0.877\*CBDa)

TOTAL CANNABINOIDS: 14.2355 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: <LOQ** 

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: ND** 

Total CBDV (CBDV+0.877\*CBDVa)

### **CANNABINOID TEST RESULTS - 12/30/2024**

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBN	0.0001 / 0.0005	±0.00077	0.0270	0.00278
∆ <sup>9</sup> -THC	0.0001/0.0011	±0.00072	0.0131	0.00135
CBG	0.0001 / 0.0005	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
$\Delta^8$ -THC	0.0006 / 0.0015	N/A	ND	ND
THCa	0.0001 / 0.0004	N/A	ND	ND
THCV	0.0002 / 0.0009	N/A	ND	ND
THCVa	0.0001/0.0014	N/A	ND	ND
CBD	0.0003 / 0.0008	N/A	ND	ND
CBDa	0.0001 / 0.0020	N/A	ND	ND
CBDV	0.0002/0.0009	N/A	ND	ND
CBDVa	0.0001/0.0014	N/A	ND	ND
CBGa	0.0001 / 0.0005	N/A	ND	ND
CBL	0.0002 / 0.0008	N/A	ND	ND
СВС	0.0003 / 0.0008	N/A	ND	ND
CBCa	0.0001/0.0011	N/A	ND	ND
SUM OF CANNABINOIDS			0.0401 mg/mL	0.00413%

### Unit Mass: 355 milliliters per Unit / Serving Size: 355 milliliters per Serving

$\Delta^9$ -THC per Unit	4.6505 mg/unit	
$\Delta^9$ -THC per Serving	4.6505 mg/serving	
Total THC per Unit	4.6505 mg/unit	
Total THC per Serving	4.6505 mg/serving	
CBD per Unit	ND	
CBD per Serving	ND	
Total CBD per Unit	ND	
Total CBD per Serving	ND	
Sum of Cannabinoids per Unit	14.2355 mg/unit	
Sum of Cannabinoids per Serving	14.2355 mg/serving	
Total Cannabinoids per Unit	14.2355 mg/unit	
Total Cannabinoids per Serving	14.2355 mg/serving	

### **DENSITY TEST RESULT**

0.9719 g/mL

Tested 12/30/2024

**Method:** QSP 7870 - Sample Preparation

### NOTES

Reason for Amendment: Unit/Serving Mass Change