

**SAMPLE NAME: Turn Up v1.2**

Infused, Hemp

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Indeed Brewing Company

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:** TU001

**Sample ID:** 240906K014

**Date Collected:** 09/06/2024

**Date Received:** 09/06/2024

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

**Unit Mass:** 355 milliliters per Unit

**Serving Size:** 355 milliliters per Serving


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC:** 5.4670 mg/unit

**Total CBD:** 0.4970 mg/unit

**Sum of Cannabinoids:** 5.9640 mg/unit

**Total Cannabinoids:** 5.9640 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:** 1.0172 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.

  
 LQC verified by: Michael Pham  
 Job Title: Senior Laboratory Analyst  
 Date: 09/06/2024

  
 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 09/06/2024

**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: 5.4670 mg/unit**

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

**TOTAL CBD: 0.4970 mg/unit**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 5.9640 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: ND**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 09/06/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
$\Delta^9$ -THC	0.0001 / 0.0005	$\pm 0.00085$	0.0154	0.00151
CBD	0.0001 / 0.0004	$\pm 0.00005$	0.0014	0.00014
$\Delta^8$ -THC	0.0003 / 0.0008	N/A	ND	ND
THCa	0.0001 / 0.0002	N/A	ND	ND
THCV	0.0001 / 0.0005	N/A	ND	ND
THCVa	0.0001 / 0.0007	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
CBG	0.0001 / 0.0002	N/A	ND	ND
CBGa	0.0001 / 0.0003	N/A	ND	ND
CBL	0.0001 / 0.0004	N/A	ND	ND
CBN	0.0001 / 0.0003	N/A	ND	ND
CBC	0.0001 / 0.0004	N/A	ND	ND
CBCa	0.0001 / 0.0006	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>0.0168 mg/mL</b>	<b>0.00165%</b>

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

$\Delta^9$ -THC per Unit	5.4670 mg/unit
$\Delta^9$ -THC per Serving	5.4670 mg/serving
Total THC per Unit	5.4670 mg/unit
Total THC per Serving	5.4670 mg/serving
CBD per Unit	0.4970 mg/unit
CBD per Serving	0.4970 mg/serving
Total CBD per Unit	0.4970 mg/unit
Total CBD per Serving	0.4970 mg/serving
Sum of Cannabinoids per Unit	5.9640 mg/unit
Sum of Cannabinoids per Serving	5.9640 mg/serving
Total Cannabinoids per Unit	5.9640 mg/unit
Total Cannabinoids per Serving	5.9640 mg/serving

### DENSITY TEST RESULT

<b>1.0172 g/mL</b>
Tested 09/06/2024
<b>Method:</b> QSP 7870 - Sample Preparation