

SAMPLE NAME: Chill

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: TONIC

License Number:
Address: 2566 Pennsylvania Ave
Sayre PA 18840

SAMPLE DETAIL
Batch Number: 2-B12-F

Sample ID: 240812S003

Date Collected: 08/12/2024

Date Received: 08/12/2024

Batch Size: 1.0 units

Sample Size: 1.0 units

Unit Mass: 29 milliliters per Unit

Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 33.060 mg/unit

Total CBD: 809.709 mg/unit

Sum of Cannabinoids: 876.989 mg/unit

Total Cannabinoids: 876.989 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: 1.0552 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.

Yasmin
 LQC verified by: Yasmin Kakkar
 Job Title: Senior Laboratory Analyst
 Date: 08/15/2024

Josh Wurzer
 Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 08/15/2024

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: 33.060 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 809.709 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 876.989 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: 28.507 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 3.364 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/15/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.0415	27.921	2.6460
Δ^9 -THC	0.002 / 0.014	±0.0626	1.140	0.1080
CBC	0.003 / 0.010	±0.0317	0.983	0.0932
CBDV	0.002 / 0.012	±0.0047	0.116	0.0110
CBN	0.001 / 0.007	±0.0013	0.046	0.0044
CBL	0.003 / 0.010	±0.0013	0.035	0.0033
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
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			30.241 mg/mL	2.8659%

Unit Mass: 29 milliliters per Unit

Δ^9 -THC per Unit	33.060 mg/unit
Total THC per Unit	33.060 mg/unit
CBD per Unit	809.709 mg/unit
Total CBD per Unit	809.709 mg/unit
Sum of Cannabinoids per Unit	876.989 mg/unit
Total Cannabinoids per Unit	876.989 mg/unit

DENSITY TEST RESULT

1.0552 g/mL

Tested 08/15/2024

Method: QSP 7870 - Sample Preparation