

SAMPLE DETAILS
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-B13-A

Sample ID: 241216T006

Date Collected: 12/16/2024

Date Received: 12/16/2024

Batch Size:
Sample Size: 1.0 units

Unit Mass: 30 grams per Unit

Serving Size: 29.6 grams per Serving

 Scan QR code to verify
 authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 44.400 mg/unit
Total CBD: 902.880 mg/unit
Sum of Cannabinoids: 985.470 mg/unit
Total Cannabinoids: 985.470 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 = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

 Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa +

 THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN

 Total Cannabinoids = (Δ^9 -THC+0.877*THCa) + (CBD+0.877*CBDa) +

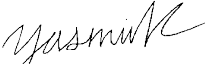
(CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) +

 (CBDV+0.877*CBDVa) + Δ^8 -THC + CBL + CBN

Density: 1.0321 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),
 $\mu\text{g/g}$ = ppm, $\mu\text{g/kg}$ = ppb


 LQC verified by: Yasmin Kakkar
 Job Title: Senior Laboratory Analyst
 Date: 12/17/2024


 Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 12/17/2024



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: 44.400 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 902.880 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 985.470 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: 30.690 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 4.080 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 12/17/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.1226	30.096	3.0096
Δ^9 -THC	0.002 / 0.014	±0.0813	1.480	0.1480
CBC	0.003 / 0.010	±0.0329	1.023	0.1023
CBDV	0.002 / 0.012	±0.0055	0.136	0.0136
CBN	0.001 / 0.007	±0.0022	0.075	0.0075
CBL	0.003 / 0.010	±0.0014	0.039	0.0039
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			32.849 mg/g	3.2849%

Unit Mass: 30 grams per Unit / Serving Size: 29.6 grams per Serving

Δ^9 -THC per Unit	44.400 mg/unit
Δ^9 -THC per Serving	43.808 mg/serving
Total THC per Unit	44.400 mg/unit
Total THC per Serving	43.808 mg/serving
CBD per Unit	902.880 mg/unit
CBD per Serving	890.842 mg/serving
Total CBD per Unit	902.880 mg/unit
Total CBD per Serving	890.842 mg/serving
Sum of Cannabinoids per Unit	985.470 mg/unit
Sum of Cannabinoids per Serving	972.330 mg/serving
Total Cannabinoids per Unit	985.470 mg/unit
Total Cannabinoids per Serving	972.330 mg/serving

DENSITY TEST RESULT

1.0321 g/mL

Tested 12/17/2024

Method: QSP 7870 - Sample Preparation

NOTES

Sample serving mass provided by client. Sample unit mass provided by client.