

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 12/04/2024

### SAMPLE DETAILS

SAMPLE NAME: Chronic 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: B12-D Sample ID: 241202R009 Date Collected: 12/02/2024 Date Received: 12/02/2024 Batch Size: Sample Size: 1.0 units Unit Mass: 9.5 grams per Unit Serving Size: 9.5 grams per Serving



Scan QR code to verify authenticity of results.

B17

### CANNABINOID ANALYSIS - SUMMARY

Total THC: **18.345 mg/unit** Total CBD: **323.361 mg/unit** Sum of Cannabinoids: **361.998 mg/unit** Total Cannabinoids: **361.998 mg/unit** 

 $\begin{array}{l} \label{eq:constraint} \end{tabular} ThC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step: Total THC = <math>\Delta^{0}$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) \\ \end{tabular} \end{tabular}

Density: 0.9747 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.

C verified by: Matthew Schneider Job Title: Laboratory Analyst I Date: 12/04/2024

Approved by: Josh Wurzer Job Title: Chief Compliance Officer Date: 12/04/2024

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

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Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 18.345 mg/unit

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

### TOTAL CBD: 323.361 mg/unit

Total CBD (CBD+0.877\*CBDa)

#### TOTAL CANNABINOIDS: 361.998 mg/unit

 $\begin{array}{l} \mbox{Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta^8$-THC + CBL + CBN \\ \end{array}$ 

# TOTAL CBG: 6.156 mg/unit

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 12.141 mg/unit

Total CBC (CBC+0.877\*CBCa)

# TOTAL CBDV: 1.577 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 12/04/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.2696	34.038	3.4038
∆ <sup>9</sup> -THC	0.002/0.014	±0.1060	1.931	0.1931
CBC	0.003/0.010	±0.0412	1.278	0.1278
CBG	0.002 / 0.006	±0.0314	0.648	0.0648
CBDV	0.002/0.012	±0.0068	0.166	0.0166
CBL	0.003/0.010	±0.0016	0.044	0.0044
∆ <sup>8</sup> -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
CBGa	0.002/0.007	N/A	ND	ND
CBN	0.001/0.007	N/A	ND	ND
CBCa	0.001/0.015	N/A	ND	ND
SUM OF CANNABINOIDS			38.105 mg/g	3.8105%

#### Unit Mass: 9.5 grams per Unit / Serving Size: 9.5 grams per Serving

$\Delta^9$ -THC per Unit	18.345 mg/unit	
∆ <sup>9</sup> -THC per Serving	18.345 mg/serving	
Total THC per Unit	18.345 mg/unit	
Total THC per Serving	18.345 mg/serving	
CBD per Unit	323.361 mg/unit	
CBD per Serving	323.361 mg/serving	
Total CBD per Unit	323.361 mg/unit	
Total CBD per Serving	323.361 mg/serving	
Sum of Cannabinoids per Unit	361.998 mg/unit	
Sum of Cannabinoids per Serving	361.998 mg/serving	
Total Cannabinoids per Unit	361.998 mg/unit	
Total Cannabinoids per Serving	361.998 mg/serving	

#### DENSITY TEST RESULT

NOTES

### 0.9747 g/mL

Tested 12/04/2024

Method: QSP 7870 - Sample Preparation

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