

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 04/27/2025

#### SAMPLE DETAILS

SAMPLE NAME: Chill Infused, Liquid Edible

# 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-B Sample ID: 250426M001

# Date Collected: 04/26/2025 Date Received: 04/26/2025 Batch Size: Sample Size: 1.0 units Unit Mass: 30 milliliters per Unit

Serving Size: 1 milliliters per Serving



Scan QR code to verify authenticity of results.

#### CANNABINOID ANALYSIS - SUMMARY

Total THC: 27.990 mg/unit

Total CBD: 752.010 mg/unit

Sum of Cannabinoids: 822.930 mg/unit

Total Cannabinoids: 822.930 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 =  $\Delta^{\circ}$ -THC + (THCa (0.877)) Total CBD = CBD + (CBDa (0.877)) Sum of Cannabinoids =  $\Delta^{\circ}$ -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^{\circ}$ -THC + CBL + CBN Total Cannabinoids = ( $\Delta^{\circ}$ -THC + 0.877\*THCa) + (CBD+0.877\*CBDa) + (CCBC+0.877\*CBCa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBDCa) +  $\Delta^{\circ}$ -THC + CBL + CBN

Density: 1.022 g/mL

## SAFETY ANALYSIS - SUMMARY

 $\Delta^9$ -THC per Unit: **PASS** 

#### $\Delta^9$ -THC per Serving: **PASS**

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.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), μg/g = ppm, μg/kg = ppb



Approved by: Josh Wurzer

Approved by: Josh Wurzer Job Title: Chief Compliance Officer Date: 04/27/2025

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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: 27.990 mg/unit

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

#### TOTAL CBD: 752.010 mg/unit

Total CBD (CBD+0.877\*CBDa)

#### TOTAL CANNABINOIDS: 822.930 mg/unit

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

# TOTAL CBG: 10.530 mg/unit

Total CBG (CBG+0.877\*CBGa)

#### TOTAL THCV: ND

Total THCV (THCV+0.877\*THCVa)

#### TOTAL CBC: 25.680 mg/unit

Total CBC (CBC+0.877\*CBCa)

# TOTAL CBDV: 3.780 mg/unit

Total CBDV (CBDV+0.877\*CBDVa)

#### CANNABINOID TEST RESULTS - 04/27/2025

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.9350	25.067	2.4527
$\Delta^{9}$ -THC	0.002/0.014	±0.0512	0.933	0.0913
CBC	0.003/0.010	±0.0276	0.856	0.0838
CBG	0.002/0.006	±0.0170	0.351	0.0343
CBDV	0.002/0.012	±0.0051	0.126	0.0123
CBN	0.001/0.007	±0.0020	0.071	0.0069
CBL	0.003/0.010	±0.0010	0.027	0.0026
$\Delta^8$ -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
CBGa	0.002/0.007	N/A	ND	ND
CBCa	0.001/0.015	N/A	ND	ND
SUM OF CANNABINOIDS			27.431 mg/mL	2.6841%

#### Unit Mass: 30 milliliters per Unit / Serving Size: 1 milliliters per Serving

$\Delta^9$ -THC per Unit	110 per-package limit	27.990 mg/unit	PASS
∆ <sup>9</sup> -THC per Serving		0.933 mg/serving	PASS
Total THC per Unit		27.990 mg/unit	
Total THC per Serving		0.933 mg/serving	
CBD per Unit		752.010 mg/unit	
CBD per Serving		25.067 mg/serving	
Total CBD per Unit		752.010 mg/unit	
Total CBD per Serving		25.067 mg/serving	
Sum of Cannabinoids per Unit		822.930 mg/unit	
Sum of Cannabinoids per Serving		27.431 mg/serving	
Total Cannabinoids per Unit		822.930 mg/unit	
Total Cannabinoids per Serving		27.431 mg/serving	

#### DENSITY TEST RESULT

#### NOTES

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

1.022 g/mL

Tested 04/27/2025

Method: QSP 7870 - Sample Preparation

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