

SAMPLE NAME: CHILL

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Tonic CBD

License Number:

Address: 2466 Pennsylvania Ave
Sayre PA 18840



SAMPLE DETAIL

Batch Number: 2-3A-A

Sample ID: 210323R032

Date Collected: 03/23/2021

Date Received: 03/23/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass: 30.0072 grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 36.819 mg/unit

Total CBD: 823.037 mg/unit

Sum of Cannabinoids: 902.737 mg/unit

Total Cannabinoids: 902.676 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 = $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$
 Total CBD = $\text{CBD} + (\text{CBDa} \cdot 0.877)$
 Sum of Cannabinoids = $\Delta 9\text{THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$
 Total Cannabinoids = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Moisture: NT

Density: 1.0024 g/mL

Viscosity: NT

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$ per Unit: ✔ PASS

Foreign Material: NT

Water Activity: NT

Vitamin E: NT

Pesticides: NT

Mycotoxins: NT

Residual Solvents: NT

Heavy Metals: NT

Microbial Impurities (PCR): NT

Microbial Impurities (Plating): NT


For quality assurance purposes. Not a Pre-Harvest 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 16 Effect Date January 16, 2019. Authority: Section 26013, 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)


 LIC verified by: Kevin Flores
 Date: 03/25/2021


 Approved by: Josh Wurzer, President
 Date: 03/25/2021



Cannabinoid Analysis

CANNABINOID TEST RESULTS - 03/25/2021

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

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

TOTAL THC: 36.819 mg/unit

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

TOTAL CBD: 823.037 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 902.676 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta 8$ THC + CBL + CBN

TOTAL CBG: 7.532 mg/unit

Total CBG (CBG+0.877*CBCa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 29.407 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 3.841 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.3138	27.428	2.7428
$\Delta 9$ THC	0.002 / 0.014	±0.0865	1.227	0.1227
CBC	0.003 / 0.010	±0.0406	0.980	0.0980
CBG	0.002 / 0.006	±0.0146	0.235	0.0235
CBDV	0.002 / 0.012	±0.0067	0.128	0.0128
CBL	0.003 / 0.010	±0.0018	0.038	0.0038
CBN	0.001 / 0.007	±0.0011	0.030	0.0030
CBGa	0.002 / 0.007	±0.0005	0.018	0.0018
$\Delta 8$ THC	0.01 / 0.02	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
CBCa	0.001 / 0.015	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
SUM OF CANNABINOIDS			30.084 mg/g	3.0084%

Unit Mass: 30.0072 grams per Unit

$\Delta 9$ THC per Unit	1120 per-package limit	36.819 mg/unit	PASS
Total THC per Unit		36.819 mg/unit	
CBD per Unit		823.037 mg/unit	
Total CBD per Unit		823.037 mg/unit	
Sum of Cannabinoids per Unit		902.737 mg/unit	
Total Cannabinoids per Unit		902.676 mg/unit	

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

1.0024 g/mL
Tested 03/25/2021
Method: QSP 7870 - Sample Preparation

VISCOSITY TEST RESULT

Not Tested

