

SAMPLE NAME: Crude Tincture - NY Hemp

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name: Pocono Organics

License Number:

Address:

SAMPLE DETAIL

Batch Number:

Sample ID: 201221U003

Date Collected: 12/21/2020

Date Received: 12/21/2020

Batch Size:

Sample Size: 1.0 units

Unit Mass: 30 milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 21.150 mg/unit

Total CBD: 727.140 mg/unit

Sum of Cannabinoids: 804.330 mg/unit

Total Cannabinoids: 804.030 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: 0.9473 g/mL

Viscosity: NT

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$ per Unit: ✔ PASS

Foreign Material: NT

Water Activity: NT

Vitamin E Acetate: 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)

Carmen Stackhouse
 LQC verified by: Carmen Stackhouse
 Date: 12/26/2020

Josh Wurzer
 Approved by: Josh Wurzer, President
 Date: 12/26/2020



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: 21.150 mg/unit

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

TOTAL CBD: 727.140 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 804.030 mg/unit

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

TOTAL CBG: 8.340 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 35.670 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 10.890 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 12/24/2020

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	± 1.1576	24.168	2.5513
CBC	0.003 / 0.010	± 0.0492	1.189	0.1255
$\Delta 9$ THC	0.002 / 0.014	± 0.0497	0.705	0.0744
CBDV	0.002 / 0.012	± 0.0190	0.363	0.0383
CBG	0.002 / 0.006	± 0.0173	0.278	0.0293
CBDA	0.001 / 0.026	± 0.0029	0.080	0.0084
CBL	0.003 / 0.010	± 0.0009	0.020	0.0021
CBN	0.001 / 0.007	± 0.0003	0.008	0.0008
$\Delta 8$ 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
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			26.811 mg/mL	2.8303%

Unit Mass: 30 milliliters per Unit

$\Delta 9$ THC per Unit	1100 per-package limit	21.150 mg/unit	PASS
Total THC per Unit		21.150 mg/unit	
CBD per Unit		725.040 mg/unit	
Total CBD per Unit		727.140 mg/unit	
Sum of Cannabinoids per Unit		804.330 mg/unit	
Total Cannabinoids per Unit		804.030 mg/unit	

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.9473 g/mL

Tested 12/24/2020

Method: QSP 7870 - Sample Preparation

VISCOSITY TEST RESULT

Not Tested

