

SAMPLE NAME: Nano Sugar

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Pocono Organics

License Number:

Address:



SAMPLE DETAIL

Batch Number: July 2021

Sample ID: 210726U039

Date Collected: 07/26/2021

Date Received: 07/26/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass: 10 grams per Unit

Serving Size: 1 grams per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 18.410 mg/unit

Total CBD: 1001.300 mg/unit

Sum of Cannabinoids: 1120.710 mg/unit

Total Cannabinoids: 1120.710 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 = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

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: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

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)

Jackson W-H *Josh Wurzer*
 LQC verified by: Jackson Waite-Himmelfrucht Approved by: Josh Wurzer, President
 Date: 07/28/2021 Date: 07/28/2021



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: 18.410 mg/unit

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

TOTAL CBD: 1001.300 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1120.710 mg/unit

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

TOTAL CBG: 23.780 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 54.420 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 21.010 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/28/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±4.7962	100.130	10.0130
CBC	0.003 / 0.010	±0.2253	5.442	0.5442
CBG	0.002 / 0.006	±0.1479	2.378	0.2378
CBDV	0.002 / 0.012	±0.1101	2.101	0.2101
$\Delta 9$ THC	0.002 / 0.014	±0.1298	1.841	0.1841
CBL	0.003 / 0.010	±0.0051	0.108	0.0108
CBN	0.001 / 0.007	±0.0026	0.071	0.0071
$\Delta 8$ 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
CBGa	0.002 / 0.007	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			112.071 mg/g	11.2071%

Unit Mass: 10 grams per Unit / Serving Size: 1 grams per Serving

$\Delta 9$ THC per Unit	18.410 mg/unit
$\Delta 9$ THC per Serving	1.841 mg/serving
Total THC per Unit	18.410 mg/unit
Total THC per Serving	1.841 mg/serving
CBD per Unit	1001.300 mg/unit
CBD per Serving	100.130 mg/serving
Total CBD per Unit	1001.300 mg/unit
Total CBD per Serving	100.130 mg/serving
Sum of Cannabinoids per Unit	1120.710 mg/unit
Sum of Cannabinoids per Serving	112.071 mg/serving
Total Cannabinoids per Unit	1120.710 mg/unit
Total Cannabinoids per Serving	112.071 mg/serving

