

**SAMPLE NAME: TNT-001-450**

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR / TESTED FOR**

**Business Name:** Potent 2018 LTD

**License Number:**

**Address:**



**SAMPLE DETAIL**

**Batch Number:** TNT-001

**Sample ID:** 210714S033

**Date Collected:** 07/14/2021

**Date Received:** 07/14/2021

**Batch Size:**

**Sample Size:** 30.0 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:** 17.670 mg/unit

**Total CBD:** 455.700 mg/unit

**Sum of Cannabinoids:** 504.360 mg/unit

**Total Cannabinoids:** 503.820 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 =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) +$

$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$

$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

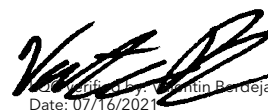
**Density:** 0.9465 g/mL

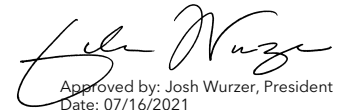
For quality assurance purposes. Not a Pre-Harvest Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**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)

  
 Date: 07/16/2021

  
 Approved by: Josh Wurzer, President  
 Date: 07/16/2021



## 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: 17.670 mg/unit**

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

**TOTAL CBD: 455.700 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 503.820 mg/unit**

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

**TOTAL CBG: 7.620 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: 1.050 mg/unit**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 15.840 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 4.770 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 07/16/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±0.7214	15.061	1.5912
$\Delta 9$ THC	0.002 / 0.014	±0.0415	0.589	0.0622
CBC	0.003 / 0.010	±0.0219	0.528	0.0558
CBG	0.002 / 0.006	±0.0158	0.254	0.0268
CBDV	0.002 / 0.012	±0.0083	0.159	0.0168
CBDA	0.001 / 0.026	±0.0054	0.147	0.0155
THCV	0.002 / 0.012	±0.0022	0.035	0.0037
CBN	0.001 / 0.007	±0.0008	0.021	0.0022
CBL	0.003 / 0.010	±0.0009	0.018	0.0019
CBDVa	0.001 / 0.018	N/A	<LOQ	<LOQ
CBCa	0.001 / 0.015	N/A	<LOQ	<LOQ
$\Delta 8$ THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>16.812 mg/mL</b>	<b>1.7762%</b>

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

$\Delta 9$ THC per Unit	17.670 mg/unit
$\Delta 9$ THC per Serving	0.589 mg/serving
Total THC per Unit	17.670 mg/unit
Total THC per Serving	0.589 mg/serving
CBD per Unit	451.830 mg/unit
CBD per Serving	15.061 mg/serving
Total CBD per Unit	455.700 mg/unit
Total CBD per Serving	15.190 mg/serving
Sum of Cannabinoids per Unit	504.360 mg/unit
Sum of Cannabinoids per Serving	16.812 mg/serving
Total Cannabinoids per Unit	503.820 mg/unit
Total Cannabinoids per Serving	16.794 mg/serving

### DENSITY TEST RESULT

0.9465 g/mL

Tested 07/16/2021

Method: QSP 7870 - Sample Preparation

