

SAMPLE NAME: FLEX

Infused, Hemp Infused

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: L-B4-A

Sample ID: 210621S049

Date Collected: 06/21/2021

Date Received: 06/21/2021

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: **Not Detected**

Total CBD: **999.630 mg/unit**

Sum of Cannabinoids: **1039.470 mg/unit**

Total Cannabinoids: **1039.470 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 = $\Delta 9\text{THC} + (\text{THCa} (0.877))$
Total CBD = $\text{CBD} + (\text{CBDa} (0.877))$
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 = $(\Delta 9\text{THC} + 0.877 * \text{THCa}) + (\text{CBD} + 0.877 * \text{CBDa}) + (\text{CBG} + 0.877 * \text{CBGa}) + (\text{THCV} + 0.877 * \text{THCVa}) + (\text{CBC} + 0.877 * \text{CBCa}) + (\text{CBDV} + 0.877 * \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Density: **0.9393 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)



LQC verified by: Michael Pham
Date: 06/25/2021



Approved by: Josh Wurzer, President
Date: 06/25/2021



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: **Not Detected**

Total THC (Δ^9 THC+0.877*THCa)

TOTAL CBD: **999.630 mg/unit**

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: **1039.470 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 THC + CBL + CBN

TOTAL CBG: **25.950 mg/unit**

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: **ND**

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: **7.620 mg/unit**

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: **6.000 mg/unit**

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/25/2021

| COMPOUND | LOD/LOQ (mg/mL) | MEASUREMENT UNCERTAINTY (mg/mL) | RESULT (mg/mL) | RESULT (%) |
|----------------------------|-----------------|---------------------------------|---------------------|----------------|
| CBD | 0.004 / 0.011 | ±1.5961 | 33.321 | 3.5474 |
| CBG | 0.002 / 0.006 | ±0.0538 | 0.865 | 0.0921 |
| CBC | 0.003 / 0.010 | ±0.0105 | 0.254 | 0.0270 |
| CBDV | 0.002 / 0.012 | ±0.0105 | 0.200 | 0.0213 |
| CBN | 0.001 / 0.007 | ±0.0003 | 0.009 | 0.0010 |
| Δ^9 THC | 0.002 / 0.014 | N/A | ND | ND |
| THCa | 0.001 / 0.005 | N/A | ND | ND |
| Δ^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 |
| CBL | 0.003 / 0.010 | N/A | ND | ND |
| CBCa | 0.001 / 0.015 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 34.649 mg/mL | 3.6888% |

Unit Mass: 30 milliliters per Unit

| | |
|------------------------------|------------------|
| Δ^9 THC per Unit | ND |
| Total THC per Unit | ND |
| CBD per Unit | 999.630 mg/unit |
| Total CBD per Unit | 999.630 mg/unit |
| Sum of Cannabinoids per Unit | 1039.470 mg/unit |
| Total Cannabinoids per Unit | 1039.470 mg/unit |

DENSITY TEST RESULT

0.9393 g/mL

Tested 06/25/2021

Method: QSP 7870 - Sample Preparation

