

SAMPLE NAME: Green River Botanicals 1500mg CBD Mango

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Carolina Botanical Development

License Number:

Address: 131 Preamble Court
Anderson SC 29621



SAMPLE DETAIL

Batch Number: PR. 210816

Sample ID: 210819R033

Date Collected: 08/19/2021

Date Received: 08/19/2021

Batch Size:

Sample Size:

Unit Mass: 30 milliliters per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 48.690 mg/unit

Total CBD: 1584.090 mg/unit

Sum of Cannabinoids: 1746.150 mg/unit

Total Cannabinoids: 1742.790 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 = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

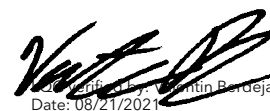
Density: 0.9485 g/mL


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: 08/21/2021


 Approved by: Josh Wurzer, President
 Date: 08/21/2021



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: 48.690 mg/unit

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

TOTAL CBD: 1584.090 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1742.790 mg/unit

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

TOTAL CBG: 29.670 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 68.100 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 8.790 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/21/2021

| COMPOUND | LOD/LOQ (mg/mL) | MEASUREMENT UNCERTAINTY (mg/mL) | RESULT (mg/mL) | RESULT (%) |
|----------------------------|-----------------|---------------------------------|---------------------|----------------|
| CBD | 0.004 / 0.011 | ±2.4917 | 52.019 | 5.4843 |
| CBC | 0.003 / 0.010 | ±0.0934 | 2.255 | 0.2377 |
| $\Delta 9$ THC | 0.002 / 0.014 | ±0.1144 | 1.623 | 0.1711 |
| CBG | 0.002 / 0.006 | ±0.0615 | 0.989 | 0.1043 |
| CBDA | 0.001 / 0.026 | ±0.0326 | 0.894 | 0.0943 |
| CBDV | 0.002 / 0.012 | ±0.0154 | 0.293 | 0.0309 |
| CBN | 0.001 / 0.007 | ±0.0025 | 0.067 | 0.0071 |
| CBL | 0.003 / 0.010 | ±0.0023 | 0.048 | 0.0051 |
| CBCa | 0.001 / 0.015 | ±0.0008 | 0.017 | 0.0018 |
| $\Delta 8$ 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 |
| SUM OF CANNABINOIDS | | | 58.205 mg/mL | 6.1365% |

Unit Mass: 30 milliliters per Unit

| | |
|------------------------------|------------------|
| $\Delta 9$ THC per Unit | 48.690 mg/unit |
| Total THC per Unit | 48.690 mg/unit |
| CBD per Unit | 1560.570 mg/unit |
| Total CBD per Unit | 1584.090 mg/unit |
| Sum of Cannabinoids per Unit | 1746.150 mg/unit |
| Total Cannabinoids per Unit | 1742.790 mg/unit |

DENSITY TEST RESULT

0.9485 g/mL

Tested 08/21/2021

Method: QSP 7870 - Sample Preparation

