

SAMPLE NAME: Green River Botanicals (Pets)

Infused, Non-Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name: Carolina Botanical Development

License Number:

Address: 131 Preamble Court
Anderson SC 29621

SAMPLE DETAIL

Batch Number: Lot: 005

Sample ID: 200810T003

Date Collected: 08/10/2020

Date Received: 08/10/2020

Batch Size:

Sample Size:

Unit Mass:

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.850 mg/g

Total CBD: 27.602 mg/g

Sum of Cannabinoids: 30.455 mg/g

Total Cannabinoids: 30.406 mg/g

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: 0.9481 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)


 LQC verified by: Josh Antunovich
 Date: 08/18/2020


 Approved by: Josh Wurzer, President
 Date: 08/18/2020



Cannabinoid Analysis

CANNABINOID TEST RESULTS - 08/12/2020

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP - (1157) Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 0.850 mg/g

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

TOTAL CBD: 27.602 mg/g

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 30.406 mg/g

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

TOTAL CBG: 0.457 mg/g

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 1.264 mg/g

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.150 mg/g

Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±1.3056	27.257	2.7257
CBC	0.003 / 0.010	±0.0520	1.256	0.1256
$\Delta 9$ THC	0.002 / 0.005	±0.0599	0.850	0.0850
CBG	0.002 / 0.005	±0.0284	0.457	0.0457
CBDA	0.001 / 0.003	±0.0143	0.393	0.0393
CBDV	0.002 / 0.007	±0.0079	0.150	0.0150
CBN	0.001 / 0.004	±0.0017	0.047	0.0047
CBL	0.003 / 0.008	±0.0017	0.036	0.0036
CBCa	0.001 / 0.004	±0.0004	0.009	0.0009
$\Delta 8$ THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.002	N/A	ND	ND
THCV	0.002 / 0.008	N/A	ND	ND
THCVa	0.002 / 0.005	N/A	ND	ND
CBDVa	0.001 / 0.003	N/A	ND	ND
CBGa	0.002 / 0.006	N/A	ND	ND
SUM OF CANNABINOIDS			30.455 mg/g	3.0455%

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.9481 g/mL

Tested 08/12/2020

Method: QSP - (1152) Sample Preparation

VISCOSITY TEST RESULT

Not Tested

NOTES

COA amended to update order detail information

