

SAMPLE NAME: Green River Botanicals (Lemon Ginger)

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: 200810T001

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: 1.594 mg/g

Total CBD: 51.274 mg/g

Sum of Cannabinoids: 56.733 mg/g

Total Cannabinoids: 56.605 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: 0.9498 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

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

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

TOTAL THC: 1.594 mg/g

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

TOTAL CBD: 51.274 mg/g

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 56.605 mg/g

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

TOTAL CBG: 0.921 mg/g

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 2.376 mg/g

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.298 mg/g

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/12/2020

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 2.4131	50.377	5.0377
CBC	0.003 / 0.010	± 0.0978	2.363	0.2363
$\Delta 9$ THC	0.002 / 0.005	± 0.1124	1.594	0.1594
CBDA	0.001 / 0.003	± 0.0373	1.023	0.1023
CBG	0.002 / 0.005	± 0.0573	0.921	0.0921
CBDV	0.002 / 0.007	± 0.0156	0.298	0.0298
CBL	0.003 / 0.008	± 0.0034	0.071	0.0071
CBN	0.001 / 0.004	± 0.0026	0.071	0.0071
CBCa	0.001 / 0.004	± 0.0007	0.015	0.0015
$\Delta 8$ 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			56.733 mg/g	5.6733%

MOISTURE TEST RESULT

Not Tested

DENSITY TEST RESULT

0.9498 g/mL

Tested 08/12/2020

Method: QSP - (1152) Sample Preparation

VISCOSITY TEST RESULT

Not Tested

NOTES

COA amended to update order detail information

