

SAMPLE NAME: CBD Full Spectrum 10:1

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name:

License Number:

Address:

SAMPLE DETAIL

Batch Number: Z8645

Sample ID: 211202P020

Date Collected: 12/02/2021

Date Received: 12/02/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass: 15.8439 grams per Unit

Serving Size: 5.2813 grams per Serving



Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **10.71 mg/unit**

Total CBD: **64.881 mg/unit**

Sum of Cannabinoids: **101.56 mg/unit**

Total Cannabinoids: **101.56 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 = $\Delta 9\text{THC} + (\text{THCa} \times 0.877)$

Total CBD = $\text{CBD} + (\text{CBDa} \times 0.877)$

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 = $(\Delta 9\text{THC} + 0.877 \times \text{THCa}) + (\text{CBD} + 0.877 \times \text{CBDa}) +$

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

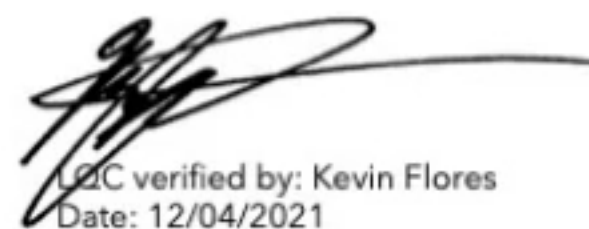
$(\text{CBDV} + 0.877 \times \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

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)


QC verified by: Kevin Flores
Date: 12/04/2021


Approved by: Josh Wurzer, President
Date: 12/04/2021

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: 10.71 mg/unit

Total THC ($\Delta 9\text{THC} + 0.877 \cdot \text{THCa}$)

TOTAL CBD: 64.881 mg/unit

Total CBD ($\text{CBD} + 0.877 \cdot \text{CBDa}$)

TOTAL CANNABINOIDS: 101.56 mg/unit

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

TOTAL CBG: ND

Total CBG ($\text{CBG} + 0.877 \cdot \text{CBGa}$)

TOTAL THCV: <LOQ

Total THCV ($\text{THCV} + 0.877 \cdot \text{THCVa}$)

TOTAL CBC: ND

Total CBC ($\text{CBC} + 0.877 \cdot \text{CBCa}$)

TOTAL CBDV: 0.412 mg/unit

Total CBDV ($\text{CBDV} + 0.877 \cdot \text{CBDVa}$)

CANNABINOID TEST RESULTS - 12/04/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 0.1962	4.095	0.4095
$\Delta 9\text{THC}$	0.002 / 0.014	± 0.1430	2.028	0.2028
$\Delta 8\text{THC}$	0.01 / 0.02	± 0.016	0.25	0.025
CBDV	0.002 / 0.012	± 0.0014	0.026	0.0026
CBN	0.001 / 0.007	± 0.0004	0.011	0.0011
THCV	0.002 / 0.012	N/A	<LOQ	<LOQ
THCa	0.001 / 0.005	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
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			6.41 mg/g	0.641%

Unit Mass: 15.8439 grams per Unit / Serving Size: 5.2813 grams per Serving

$\Delta 9\text{THC}$ per Unit	32.131 mg/unit
$\Delta 9\text{THC}$ per Serving	10.710 mg/serving
Total THC per Unit	32.131 mg/unit
Total THC per Serving	10.710 mg/serving
CBD per Unit	64.881 mg/unit
CBD per Serving	21.627 mg/serving
Total CBD per Unit	64.881 mg/unit
Total CBD per Serving	21.627 mg/serving
Sum of Cannabinoids per Unit	101.56 mg/unit
Sum of Cannabinoids per Serving	33.85 mg/serving
Total Cannabinoids per Unit	101.56 mg/unit
Total Cannabinoids per Serving	33.85 mg/serving



SAMPLE NAME: Strawberry CBD Fullspectrum 10:1

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name:

License Number:

Address:

SAMPLE DETAIL

Batch Number: Z8643

Sample ID: 211202P021

Date Collected: 12/02/2021

Date Received: 12/02/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass: 15.5813 grams per Unit

Serving Size: 5.1938 grams per Serving



Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 10.93 mg/unit

Total CBD: 66.111 mg/unit

Sum of Cannabinoids: 103.46 mg/unit

Total Cannabinoids: 103.54 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 = $\Delta^9\text{THC} + (\text{THCa} \times 0.877)$

Total CBD = $\text{CBD} + (\text{CBDa} \times 0.877)$

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 = $(\Delta^9\text{THC} + 0.877 \times \text{THCa}) + (\text{CBD} + 0.877 \times \text{CBDa}) +$

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

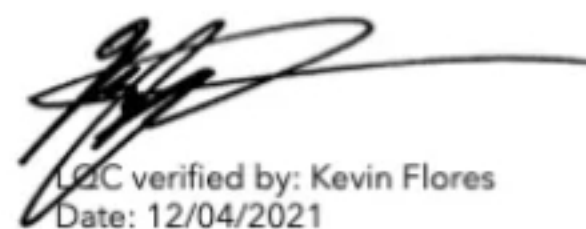
$(\text{CBDV} + 0.877 \times \text{CBDVa}) + \Delta^8\text{THC} + \text{CBL} + \text{CBN}$

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Date: 12/04/2021


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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: 10.93 mg/unit

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

TOTAL CBD: 66.111 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 103.54 mg/unit

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

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: <LOQ

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.390 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 12/04/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	± 0.2032	4.243	0.4243
$\Delta 9$ THC	0.002 / 0.014	± 0.1485	2.106	0.2106
$\Delta 8$ THC	0.01 / 0.02	± 0.016	0.26	0.026
CBDV	0.002 / 0.012	± 0.0013	0.025	0.0025
CBN	0.001 / 0.007	± 0.0004	0.011	0.0011
THCV	0.002 / 0.012	N/A	<LOQ	<LOQ
THCa	0.001 / 0.005	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
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			6.64 mg/g	0.664%

Unit Mass: 15.5813 grams per Unit / Serving Size: 5.1938 grams per Serving

$\Delta 9$ THC per Unit	32.814 mg/unit
$\Delta 9$ THC per Serving	10.938 mg/serving
Total THC per Unit	32.814 mg/unit
Total THC per Serving	10.938 mg/serving
CBD per Unit	66.111 mg/unit
CBD per Serving	22.037 mg/serving
Total CBD per Unit	66.111 mg/unit
Total CBD per Serving	22.037 mg/serving
Sum of Cannabinoids per Unit	103.46 mg/unit
Sum of Cannabinoids per Serving	34.49 mg/serving
Total Cannabinoids per Unit	103.54 mg/unit
Total Cannabinoids per Serving	34.51 mg/serving

