

SAMPLE NAME: CBG ISOLATE

Concentrate, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: Hemp for Fitness/
FSoil

License Number:

Address:

SAMPLE DETAIL

Batch Number: CBGEG2111-1K01

Sample ID: 211109N051

Date Collected: 11/09/2021

Date Received: 11/09/2021

Batch Size:

Sample Size:

Unit Mass:

Serving Size:



Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: **Not Detected**

Total CBD: **0.42%**

Sum of Cannabinoids: **99.948%**

Total Cannabinoids: **99.95%**

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.

Reference: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

Yasmin Kalkar

LQC verified by: Yasmin Kalkar
Date: 11/11/2021

Josh Wurzer

Approved by: Josh Wurzer, President
Date: 11/11/2021

Cannabinoid Analysis

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

Method: USP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: **Not Detected**

Total THC (Δ^9 THC + $0.877 \times$ THC_a)

TOTAL CBD: **0.42%**

Total CBD (CBD + $0.877 \times$ CBD_a)

TOTAL CANNABINOIDS: **99.95%**

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

TOTAL CBG: **99.528%**

Total CBG (CBG + $0.877 \times$ CBG_a)

TOTAL THCV: **ND**

Total THCV (THCV + $0.877 \times$ THCV_a)

TOTAL CBC: **ND**

Total CBC (CBC + $0.877 \times$ CBC_a)

TOTAL CBDV: **ND**

Total CBDV (CBDV + $0.877 \times$ CBDV_a)

CANNABINOID TEST RESULTS - 11/11/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBG	0.06 / 0.19	±39.214	995.28	99.528
CBD	0.07 / 0.29	±0.194	4.20	0.420
Δ^9 THC	0.06 / 0.26	N/A	ND	ND
Δ^8 THC	0.1 / 0.4	N/A	ND	ND
THC _a	0.05 / 0.14	N/A	ND	ND
THCV	0.1 / 0.2	N/A	ND	ND
THCV _a	0.07 / 0.20	N/A	ND	ND
CBD _a	0.02 / 0.19	N/A	ND	ND
CBDV	0.04 / 0.15	N/A	ND	ND
CBDV _a	0.03 / 0.53	N/A	ND	ND
CBG _a	0.1 / 0.2	N/A	ND	ND
CBL	0.06 / 0.24	N/A	ND	ND
CBN	0.1 / 0.3	N/A	ND	ND
CBC	0.2 / 0.5	N/A	ND	ND
CBC _a	0.07 / 0.28	N/A	ND	ND
SUM OF CANNABINOIDS			999.48 mg/g	99.948%

