

SAMPLE NAME: 13mg TCBD Calming

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Pure Biologix LLC

License Number:
Address:
SAMPLE DETAIL
Batch Number: BI 4-23412-13C

Sample ID: 230614R003

Date Collected: 06/14/2023

Date Received: 06/14/2023

Batch Size:
Sample Size: 4.0 units

Unit Mass: 3.1 grams per Unit

Serving Size: 3.1 grams per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 0.174 mg/unit

Total CBD: 13.324 mg/unit

Sum of Cannabinoids: 17.717 mg/unit

Total Cannabinoids: 16.678 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:

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

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


$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \end{aligned}$$

For quality assurance purposes. Not a Regulatory 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 4 Division 19. Department of Cannabis Control 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
Job Title: Laboratory Director
Date: 06/21/2023



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 06/21/2023



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: 0.174 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 13.324 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 16.678 mg/unit

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

TOTAL CBG: 0.118 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.691 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.229 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 06/17/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDA	0.001 / 0.026	±0.0669	2.354	0.2354
CBD	0.004 / 0.011	±0.0833	2.234	0.2234
CBN	0.001 / 0.007	±0.0198	0.691	0.0691
CBCa	0.001 / 0.015	±0.0083	0.218	0.0218
CBDVa	0.001 / 0.018	±0.0006	0.060	0.0060
THCa	0.001 / 0.005	±0.0008	0.047	0.0047
CBGa	0.002 / 0.007	±0.0008	0.037	0.0037
CBC	0.003 / 0.010	±0.0010	0.032	0.0032
CBDV	0.002 / 0.012	±0.0009	0.021	0.0021
Δ^9 -THC	0.002 / 0.014	±0.0008	0.015	0.0015
CBG	0.002 / 0.006	±0.0003	0.006	0.0006
Δ^8 -THC	0.01 / 0.02	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
SUM OF CANNABINOIDS			5.715 mg/g	0.5715%

Unit Mass: 3.1 grams per Unit / Serving Size: 3.1 grams per Serving

Δ^9 -THC per Unit	0.047 mg/unit
Δ^9 -THC per Serving	0.047 mg/serving
Total THC per Unit	0.174 mg/unit
Total THC per Serving	0.174 mg/serving
CBD per Unit	6.925 mg/unit
CBD per Serving	6.925 mg/serving
Total CBD per Unit	13.324 mg/unit
Total CBD per Serving	13.324 mg/serving
Sum of Cannabinoids per Unit	17.717 mg/unit
Sum of Cannabinoids per Serving	17.717 mg/serving
Total Cannabinoids per Unit	16.678 mg/unit
Total Cannabinoids per Serving	16.678 mg/serving

NOTES

CBN = 2.142 mg/unit