

SAMPLE NAME: Wedding Cake

Flower, Inhalable

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Powerplant

License Number:
Address:
SAMPLE DETAIL
Batch Number:
Sample ID: 231115N030

Date Collected: 11/15/2023

Date Received: 11/15/2023

Batch Size:
Sample Size:
Unit Mass:
Serving Size:


Scan this QR code to verify the authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 24.82%

Total CBD: 0.038%

Sum of Cannabinoids: 24.37%

Total Cannabinoids: 26.49%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

$$\text{Total THC} = \Delta^8\text{-THC} + (\text{THCa} \cdot 0.877)$$

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

$$\text{Sum of Cannabinoids} = \Delta^8\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

$$\text{Total Cannabinoids} = (\Delta^8\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

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

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

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)


 QC Verified by: Rinal Ahir
 Date: 11/18/2023


 Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 11/18/2023



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: 24.82%

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 0.038%

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 16.49%

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

TOTAL CBG: 0.68%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.081%

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.34%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 11/18/2023

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Δ^9 -THC	0.1 / 0.4	±2.80	2.17	0.22
THCa	0.04 / 0.24	±2.067	264.39	26.44
CBN	0.07 / 0.20	±0.183	5.26	0.526
CBGa	0.1 / 0.4	±0.26	4.8	0.48
CBG	0.2 / 0.5	±0.17	2.6	0.26
CBCa	0.1 / 0.4	±0.17	2.5	0.25
CBC	0.1 / 0.2	±0.04	1.2	0.12
THCV	0.07 / 0.21	±0.013	0.44	0.044
CBDa	0.06 / 0.22	±0.014	0.43	0.043
THCVa	0.05 / 0.17	±0.010	0.42	0.042
Δ^8 -THC	0.05 / 0.50	N/A	ND	ND
CBD	0.1 / 0.3	N/A	ND	ND
CBDV	0.1 / 0.3	N/A	ND	ND
CBDVa	0.02 / 0.22	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
SUM OF CANNABINOIDS			273.7 mg/g	27.37%