



Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 07/17/2021

SAMPLE NAME: Classic Cookies

Flower, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

Date Collected: 07/14/2021

Date Received: 07/14/2021

Batch Size:

Sample Size:

Unit Mass:

Serving Size:

SAMPLE DETAIL

Batch Number:



CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.594%

Total CBD: 13.681%

Sum of Cannabinoids: 19.418%

Total Cannabinoids: 17.132%

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

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


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


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: Kevin Flores
Date: 07/17/2021


Approved by: Josh Wurzel, President
Date: 07/17/2021



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: 0.594%

Total THC (Δ^9 THC+0.877*THCa)

TOTAL CBD: 13.681%

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 17.132%

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

TOTAL CBG: 0.61%

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.075%

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.58%

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.592%

Total CBDV (CBDV+0.877* CBDVa)

CANNABINOID TEST RESULTS - 07/17/2021

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDA	0.06 / 0.22	±6.280	148.81	14.881
CBDVa	0.02 / 0.22	±0.200	17.36	1.736
CBD	0.1 / 0.3	±0.34	6.3	0.63
CBGa	0.1 / 0.4	±0.42	6.1	0.61
CBCa	0.1 / 0.4	±0.53	6.1	0.61
THCa	0.04 / 0.24	±0.237	5.75	0.575
Δ^9 THC	0.1 / 0.4	±0.04	0.9	0.09
THCVa	0.05 / 0.17	±0.026	0.86	0.086
CBG	0.2 / 0.5	±0.07	0.8	0.08
CBDV	0.1 / 0.3	±0.04	0.7	0.07
CBC	0.1 / 0.2	±0.02	0.5	0.05
Δ^8 THC	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
CBL	0.1 / 0.4	N/A	ND	ND
CBN	0.07 / 0.20	N/A	ND	ND
SUM OF CANNABINOIDS			194.18 mg/g	19.418%