

## Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

SAMPLE NAME: Gelato Mac 1

Flower, Hemp

**CULTIVATOR / MANUFACTURER** 

Business Name:
License Number:
Address:

SAMPLE DETAIL

Batch Number: Sample ID: **DISTRIBUTOR / TESTED FOR** 

Business Name: License Number: Address:

Date Collected: 04/03/2023

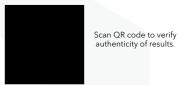
Date Received: 04/03/2023

Batch Size:

Sample Size: 1.1 grams

Unit Mass: Serving Size:





## **CANNABINOID ANALYSIS - SUMMARY**

Total THC: 30.26%

Total CBD: 1.68%

Sum of Cannabinoids: 14.12%

Total Cannabinoids: 12.84%

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 =  $\Delta$ 9THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta$ 9THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta$ 8THC + CBL + CBN Total Cannabinoids = ( $\Delta$ 9THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

 $(CBDV+0.877*CBGa) + (THCV+0.877*THCVa) + (CBDV+0.877*CBDVa) + \Delta8THC + CBL + CBN$ 

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: Michael Pham Date: 01/05/2023

Approved by: Josh Wurzer, President Date: 01/05/2023



## 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: 30.26%**Total THC (Δ9THC+0.877\*THCa)

TOTAL CBD: 11.68%
Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 12.84%** 

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

TOTAL CBG: 0.31% Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND** 

Total THCV (THCV+0.877\*THCVa)

TOTAL CBC: 0.51%
Total CBC (CBC+0.877\*CBCa)

TOTAL CBDV: 0.038%
Total CBDV (CBDV+0.877\*CBDVa)

## **CANNABINOID TEST RESULTS - 01/05/2023**

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBDa	0.06 / 0.22	±4.104	97.26	9.726
CBD	0.1/0.3	±1.72	31.5	3.15
CBCa	0.1/0.4	±0.26	3.0	0.30
СВС	0.1 / 0.2	±0.12	2.5	0.25
CBGa	0.1/0.4	±0.17	2.4	0.24
Δ9ΤΗС	0.1/0.4	±0.08	2.0	0.20
CBG	0.2 / 0.5	±0.09	1.0	0.10
THCa	0.04 / 0.24	±0.031	27.74	277.740
CBDVa	0.02 / 0.22	±0.005	0.43	0.043
CBN	0.07 / 0.20	±0.018	0.41	0.041
Δ8ΤΗС	0.05 / 0.50	N/A	ND	ND
THCV	0.07 / 0.21	N/A	ND	ND
THCVa	0.05 / 0.17	N/A	ND	ND
CBDV	0.1/0.3	N/A	ND	ND
CBL	0.1/0.4	N/A	ND	ND
SUM OF CANNABINOIDS			311.2 mg/g	31.12%