

Sample Name:

Apple Fritter

Flower, Inhalable

Date Issued:

12/11/2022



Overall Batch Result:



PASS

Sample Details

Sample ID: Batch

Number:

Cultivator / Manufacturer

[Show Details](#)

Distributor / Tested For

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Cannabinoid Analysis – Summary

CALCULATED USING DRY-WEIGHT

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Sum of Cannabinoids: **29.6%**

Total Cannabinoids: **26.13%**

Total THC: **25.53%**

Total CBD: **0.089%**

Moisture: 13.6%

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN

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

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 = Δ^9 -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

What is dry weight, and how is it calculated? 

Why are Sum of Cannabinoids and Total Cannabinoids calculated separately? 

[View Complete Test Results:](#)[Collapse All](#)

Cannabinoid Analysis **Tested**

[Show Less](#)

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

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

Summary

Total Cannabinoids: [?](#)

26.13%

Total THC:

25.53%

(Δ^9 -THC+0.877*THCa)

Total CBD:

0.089%

(CBD+0.877*CBDA)

Total CBG: 0.15%

Total CBG (CBG+0.877*CBGa)

Total THCV: 0.11%

Total THCV (THCV+0.877*THCVa)

Total CBC: 0.25%

Total CBC (CBC+0.877*CBCa)

Total CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

[Learn more](#)

The cannabis plant contains dozens of active compounds called cannabinoids (<https://www.sclabs.com/cannabinoids/>). These compounds are the primary contributors to the psychoactive effects of cannabis.

Cannabinoid testing (<https://www.sclabs.com/cannabis/>), determines the potency of a sample to aid in dosage considerations.

Cannabinoid Test Results | 12/11/2021

Result Views

Table

Pie Chart

Filter by:

Swipe left on table to see additional columns

Compound	LOD/LOQ (mg/g) ?	Measurement Uncertainty (mg/g) ?	Result (mg/g)	Result (%)
Tetrahydrocannabinolic Acid (THCa)	0.04 / 0.24	±11.467	277.64	27.764
Δ9 Tetrahydrocannabinol (Δ9THC)	0.1 / 0.4	±0.26	1.18	0.18
Cannabichromenic Acid (CBCa)	0.1 / 0.4	±0.25	2.8	0.28
Cannabigerol (CBG)	0.2 / 0.5	±0.13	1.5	0.15
Tetrahydrocannabivarinic Acid (THCVa)	0.05 / 0.17	±0.038	1.25	0.125
Cannabidiolic Acid (CBDa)	0.06 / 0.22	±0.043	1.02	0.102
Cannabigerolic Acid (CBGa)	0.1 / 0.4	N/A	<LOQ	<LOQ
SUM OF CANNABINOIDS			296.0 mg/g	29.6%

Compound	LOD/LOQ (mg/g) ?	Measurement Uncertainty (mg/g) ?	Result (mg/g)	Result (%)
Δ8 Tetrahydrocannabinol (Δ8THC)	0.05 / 0.50	N/A	ND	ND
Tetrahydrocannabivarin (THCV)	0.07 / 0.21	N/A	ND	ND
Cannabidiol (CBD)	0.1 / 0.3	N/A	ND	ND
Cannabidivarin (CBDV)	0.1 / 0.3	N/A	ND	ND
Cannabidivarinic Acid (CBDVa)	0.02 / 0.22	N/A	ND	ND
Cannabicyclol (CBL)	0.1 / 0.4	N/A	ND	ND
Cannabinol (CBN)	0.07 / 0.20	N/A	ND	ND
Cannabichromene (CBC)	0.1 / 0.2	N/A	ND	ND
SUM OF CANNABINOIDS			296.0 mg/g	29.6%

Moisture Test Result

13.6%

Tested 12/10/2021

Method: QSP 1224 - Loss on Drying (Moisture)

COA ID: 211209Q014-001

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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)

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