

Sample Name:

# Apple Fritter

Flower, Inhalable

Date Issued:

12/11/2022



Overall Batch Result:



**PASS**

## Sample Details

Sample ID: Batch

Number:

Cultivator / Manufacturer

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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 =  $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$

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

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

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**

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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%**

( $\Delta^9$ -THC+0.877\*THCa)

Total CBD:

**0.089%**

(CBD+0.877\*CBDA)

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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)

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[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
<b>SUM OF CANNABINOIDS</b>			<b>296.0 mg/g</b>	<b>29.6%</b>

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

## Moisture Test Result

# 13.6%

Tested 12/10/2021

**Method:** QSP 1224 - Loss on Drying (Moisture)

**COA ID: 211209Q014-001**

For quality assurance purposes. Not a Regulatory Compliance Testing Certificate. 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)

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