



Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 02/02/2024

SAMPLE NAME: Drift Citrus

Infused, Hemp

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR / TESTED FOR

Business Name: 1840 Brewing

Company LLC

License Number:

Address:

SAMPLE DETAIL

Batch Number: 1A

Date Collected: 02/02/2024

Sample ID: 240202L002

Date Received: 02/02/2024

Batch Size: 1.0 units

Sample Size: 1.0 units

Unit Mass: 355 milliliters per Unit

Serving Size: 355 milliliters per Serving



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 9.3365 mg/unit

Total CBD: 10.0110 mg/unit

Sum of Cannabinoids: 19.6670 mg/unit

Total Cannabinoids: 19.6670 mg/unit

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))

Sum of Cannabinoids = Δ^9 -THC + THCa + CBD + CBDA + CBG + CBGa +

THCV + THCVA + CBC + CBCa + CBDV + CBDVa + Δ^8 -THC + CBL + CBN

Total Cannabinoids = (Δ^9 -THC+0.877*THCa) + (CBD+0.877*CBDA) +

(CBG+0.877*CBGa) + (THCV+0.877*THCVA) + (CBC+0.877*CBCa) +

(CBDV+0.877*CBDA) + Δ^8 -THC + CBL + CBN

Density: 0.9987 g/mL

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.

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 02/02/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 02/02/2024

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

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DRIFT CITRUS | DATE ISSUED 02/02/2024

 **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: 9.3365 mg/unit

Total THC ($\Delta^9\text{-THC} + 0.877\text{*THCa}$)

TOTAL CBD: 10.0110 mg/unit

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

TOTAL CANNABINOIDs: 19.6670 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta^8\text{-THC}$ + CBL + CBN

TOTAL CBG: 0.2130 mg/unit

Total CBG ($\text{CBG} + 0.877\text{*CBGa}$)

TOTAL THCV: ND

Total THCV ($\text{THCV} + 0.877\text{*THCVa}$)

TOTAL CBC: ND

Total CBC ($\text{CBC} + 0.877\text{*CBCa}$)

TOTAL CBDV: ND

Total CBDV ($\text{CBDV} + 0.877\text{*CBDVa}$)

CANNABINOID TEST RESULTS - 02/02/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.0001 / 0.0004	± 0.00105	0.0282	0.00282
$\Delta^9\text{-THC}$	0.0001 / 0.0011	± 0.00144	0.0263	0.00263
CBG	0.0001 / 0.0002	± 0.00003	0.0006	0.00006
CBN	0.0001 / 0.0003	± 0.00001	0.0003	0.00003
$\Delta^8\text{-THC}$	0.0003 / 0.0008	N/A	ND	ND
THCa	0.0001 / 0.0004	N/A	ND	ND
THCV	0.0001 / 0.0005	N/A	ND	ND
THCVa	0.0001 / 0.0007	N/A	ND	ND
CBDa	0.0001 / 0.0010	N/A	ND	ND
CBDV	0.0001 / 0.0005	N/A	ND	ND
CBDVa	0.0001 / 0.0007	N/A	ND	ND
CBGa	0.0001 / 0.0003	N/A	ND	ND
CBL	0.0001 / 0.0004	N/A	ND	ND
CBC	0.0001 / 0.0004	N/A	ND	ND
CBCa	0.0001 / 0.0006	N/A	ND	ND
SUM OF CANNABINOIDs			0.0554 mg/mL	0.00555%

Unit Mass: 355 milliliters per Unit / Serving Size: 355 milliliters per Serving

$\Delta^9\text{-THC}$ per Unit	9.3365 mg/unit
$\Delta^9\text{-THC}$ per Serving	9.3365 mg/serving
Total THC per Unit	9.3365 mg/unit
Total THC per Serving	9.3365 mg/serving
CBD per Unit	10.0110 mg/unit
CBD per Serving	10.0110 mg/serving
Total CBD per Unit	10.0110 mg/unit
Total CBD per Serving	10.0110 mg/serving
Sum of Cannabinoids per Unit	19.6670 mg/unit
Sum of Cannabinoids per Serving	19.6670 mg/serving
Total Cannabinoids per Unit	19.6670 mg/unit
Total Cannabinoids per Serving	19.6670 mg/serving

DENSITY TEST RESULT

0.9987 g/mL

Tested 02/02/2024

Method: QSP 7870 - Sample Preparation