

### SAMPLE NAME: 2400mg CBD Tincture

Infused, Non-Inhalable

#### CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

#### DISTRIBUTOR / TESTED FOR

Business Name: Meraki Roots

License Number:

Address: 590 22nd St  
Oakland CA 94612

#### SAMPLE DETAIL

Batch Number: 1

Sample ID: 210525N023

Date Collected: 05/25/2021

Date Received: 05/25/2021

Batch Size:

Sample Size: 1.0 units

Unit Mass: 30 milliliters per Unit

Serving Size:



Scan QR code to verify  
authenticity of results.

#### CANNABINOID ANALYSIS - SUMMARY

Total THC: **Not Detected**

Total CBD: **2594.700 mg/unit**

Sum of Cannabinoids: **2605.86 mg/unit**

Total Cannabinoids: **2605.86 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 =  $\Delta 9\text{THC} + (\text{THCa} \cdot 0.877)$

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

#### SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{THC}$  per Unit: **✓PASS**

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: *Carmen Stackhouse*  
Date: 05/27/2021

Approved by: *Josh Wurzer*, President  
Date: 05/27/2021

### 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: **Not Detected**

Total THC ( $\Delta 9$ THC+0.877\*THCa)

#### TOTAL CBD: **2594.700 mg/unit**

Total CBD (CBD+0.877\*CBDA)

#### TOTAL CANNABINOIDS: **2605.86 mg/unit**

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

#### TOTAL CBG: **0.330 mg/unit**

Total CBG (CBG+0.877\*CBGa)

#### TOTAL THCV: **ND**

Total THCV (THCV+0.877\*THCVa)

#### TOTAL CBC: **0.330 mg/unit**

Total CBC (CBC+0.877\*CBCa)

#### TOTAL CBDV: **10.500 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 05/27/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	$\pm 4.1423$	86.490	9.0879
CBDV	0.002 / 0.012	$\pm 0.0183$	0.350	0.0368
$\Delta 9$ THC	0.002 / 0.014	N/A	ND	ND
CBG	0.002 / 0.006	$\pm 0.0007$	0.011	0.0012
CBC	0.003 / 0.010	$\pm 0.0005$	0.011	0.0012
$\Delta 8$ THC	0.01 / 0.02	N/A	ND	ND
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBN	0.001 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			86.862 mg/mL	9.127%

### Unit Mass: 30 milliliters per Unit

$\Delta 9$ THC per Unit	1120 per-package limit	ND	PASS
Total THC per Unit		ND	
CBD per Unit		2594.700 mg/unit	
Total CBD per Unit		2594.700 mg/unit	
Sum of Cannabinoids per Unit		2605.860 mg/unit	
Total Cannabinoids per Unit		2605.860 mg/unit	

