

SAMPLE NAME: 1200mg Natural Tincture

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Grasse River Hemp

License Number:
Address:

SAMPLE DETAIL
Batch Number: 901102008

Sample ID: 241106P015

Date Collected: 11/06/2024

Date Received: 11/06/2024

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: 39.270 mg/unit

Total CBD: 1323.960 mg/unit

Sum of Cannabinoids: 1456.470 mg/unit

Total Cannabinoids: 1454.370 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:

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

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

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

$$\text{Total Cannabinoids} = (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) +$$

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
Density: 0.9491 g/mL

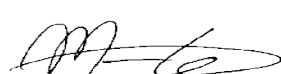
SAFETY ANALYSIS - SUMMARY
 Δ^9 -THC per Unit:  **PASS**

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.

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)



LQC verified by: Maria Garcia
Job Title: Senior Laboratory Analyst
Date: 11/09/2024



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 11/09/2024




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

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

TOTAL THC: 39.270 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1323.960 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1454.370 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 21.090 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 51.150 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 10.350 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 11/09/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.6281	43.650	4.5991
CBC	0.003 / 0.010	±0.0544	1.690	0.1781
Δ^9 -THC	0.002 / 0.014	±0.0719	1.309	0.1379
CBG	0.002 / 0.006	±0.0341	0.703	0.0741
CBDA	0.001 / 0.026	±0.0156	0.550	0.0579
CBDV	0.002 / 0.012	±0.0141	0.345	0.0364
CBN	0.001 / 0.007	±0.0067	0.235	0.0248
CBL	0.003 / 0.010	±0.0018	0.050	0.0053
CBCa	0.001 / 0.015	±0.0006	0.017	0.0018
Δ^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
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
SUM OF CANNABINOIDS			48.549 mg/mL	5.1153%

Unit Mass: 30 milliliters per Unit

Δ^9 -THC per Unit	110 per-package limit	39.270 mg/unit	PASS
Total THC per Unit		39.270 mg/unit	
CBD per Unit		1309.500 mg/unit	
Total CBD per Unit		1323.960 mg/unit	
Sum of Cannabinoids per Unit		1456.470 mg/unit	
Total Cannabinoids per Unit		1454.370 mg/unit	

DENSITY TEST RESULT

0.9491 g/mL
Tested 11/09/2024
Method: QSP 7870 - Sample Preparation