

SAMPLE NAME: 1200 mg Maple Tincture - fill weight -30 mL

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: 901102007

Sample ID: 241004R043

Date Collected: 10/04/2024

Date Received: 10/04/2024

Batch Size:
Sample Size: 1.0 units

Unit Mass:
Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 1.264 mg/mL
Total CBD: 43.938 mg/mL
Sum of Cannabinoids: 47.795 mg/mL
Total Cannabinoids: 47.705 mg/mL

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

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

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

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

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

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

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

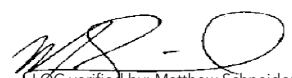
$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
Density: 0.9496 g/mL

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.

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)



QC verified by: Matthew Schneider
Job Title: Laboratory Analyst I
Date: 10/08/2024



Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 10/08/2024



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: 1.264 mg/mL

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 43.938 mg/mL

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 47.705 mg/mL

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

TOTAL CBG: 0.608 mg/mL

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 1.527 mg/mL

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.096 mg/mL

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 10/08/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	0.004 / 0.011	±1.6149	43.296	4.5594
CBC	0.003 / 0.010	±0.0492	1.527	0.1608
Δ^9 -THC	0.002 / 0.014	±0.0694	1.264	0.1331
CBDa	0.001 / 0.026	±0.0208	0.732	0.0771
CBG	0.002 / 0.006	±0.0295	0.608	0.0640
CBN	0.001 / 0.007	±0.0066	0.229	0.0241
CBDV	0.002 / 0.012	±0.0039	0.096	0.0101
CBL	0.003 / 0.010	±0.0016	0.043	0.0045
CBDVa	0.001 / 0.018	N/A	<LOQ	<LOQ
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
CBGa	0.002 / 0.007	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			47.795 mg/mL	5.0332%

DENSITY TEST RESULT

0.9496 g/mL

Tested 10/08/2024

Method: QSP 7870 - Sample Preparation