

SAMPLE NAME: 500 mg Soothing Balm

Infused, Topical

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

License Number:
Address:
SAMPLE DETAIL
Batch Number: 901107003

Sample ID: 241004R041

Date Collected: 10/04/2024

Date Received: 10/04/2024

Batch Size:
Sample Size: 1.0 units

Unit Mass: 57 grams per Unit

Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 18.867 mg/unit

Total CBD: 584.022 mg/unit

Sum of Cannabinoids: 640.566 mg/unit

Total Cannabinoids: 639.369 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:

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

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

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

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

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

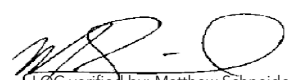
$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$
SAFETY ANALYSIS - SUMMARY
 $\Delta^9\text{-THC}$ per Unit: ✔ PASS

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: 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: 18.867 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 584.022 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 639.369 mg/unit

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

TOTAL CBG: 13.224 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: <LOQ

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 19.437 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 1.596 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 10/08/2024

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|--------------------|----------------|
| CBD | 0.004 / 0.011 | ±0.3767 | 10.099 | 1.0099 |
| CBC | 0.003 / 0.010 | ±0.0110 | 0.341 | 0.0341 |
| Δ^9 -THC | 0.002 / 0.014 | ±0.0182 | 0.331 | 0.0331 |
| CBG | 0.002 / 0.006 | ±0.0113 | 0.232 | 0.0232 |
| CBDA | 0.001 / 0.026 | ±0.0048 | 0.168 | 0.0168 |
| CBN | 0.001 / 0.007 | ±0.0011 | 0.039 | 0.0039 |
| CBDV | 0.002 / 0.012 | ±0.0011 | 0.028 | 0.0028 |
| THCV | 0.002 / 0.012 | N/A | <LOQ | <LOQ |
| Δ^8 -THC | 0.01 / 0.02 | N/A | ND | ND |
| THCa | 0.001 / 0.005 | 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 |
| CBL | 0.003 / 0.010 | N/A | ND | ND |
| CBCa | 0.001 / 0.015 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 11.238 mg/g | 1.1238% |

Unit Mass: 57 grams per Unit

| | | | |
|------------------------------|------------------------|-----------------|------|
| Δ^9 -THC per Unit | 1100 per-package limit | 18.867 mg/unit | PASS |
| Total THC per Unit | | 18.867 mg/unit | |
| CBD per Unit | | 575.643 mg/unit | |
| Total CBD per Unit | | 584.022 mg/unit | |
| Sum of Cannabinoids per Unit | | 640.566 mg/unit | |
| Total Cannabinoids per Unit | | 639.369 mg/unit | |