

SAMPLE NAME: Create Tincture

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: Lone Star Farms, LLC

License Number:
Address:
Adelanto CA

SAMPLE DETAIL
Batch Number: 1101

Sample ID: 230724N005

Date Collected: 07/24/2023

Date Received: 07/24/2023

Batch Size:
Sample Size: 1.0 units

Unit Mass: 30 grams per Unit

Serving Size:


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 41.220 mg/unit
Total CBD: 1180.050 mg/unit
Sum of Cannabinoids: 1583.70 mg/unit
Total Cannabinoids: 1583.70 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:

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

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

$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \end{aligned}$$
Density: 0.9473 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)

Yasmin
 LQC verified by: Yasmin Kakkar
 Job Title: Senior Laboratory Analyst
 Date: 07/26/2023

Josh Wurzer
 Approved by: Josh Wurzer
 Job Title: Chief Compliance Officer
 Date: 07/26/2023



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: 41.220 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 1180.050 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 1583.70 mg/unit

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

TOTAL CBG: 305.790 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 44.910 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 8.010 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/26/2023

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|-------------------|---------------|
| CBD | 0.004 / 0.011 | ±1.4672 | 39.335 | 3.9335 |
| CBG | 0.002 / 0.006 | ±0.4944 | 10.193 | 1.0193 |
| CBC | 0.003 / 0.010 | ±0.0482 | 1.497 | 0.1497 |
| Δ^9 -THC | 0.002 / 0.014 | ±0.0754 | 1.374 | 0.1374 |
| CBDV | 0.002 / 0.012 | ±0.0109 | 0.267 | 0.0267 |
| Δ^8 -THC | 0.01 / 0.02 | ±0.005 | 0.10 | 0.010 |
| CBL | 0.003 / 0.010 | ±0.0010 | 0.027 | 0.0027 |
| 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 |
| CBN | 0.001 / 0.007 | N/A | ND | ND |
| CBCa | 0.001 / 0.015 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 52.79 mg/g | 5.279% |

Unit Mass: 30 grams per Unit

| | |
|------------------------------|------------------|
| Δ^9 -THC per Unit | 41.220 mg/unit |
| Total THC per Unit | 41.220 mg/unit |
| CBD per Unit | 1180.050 mg/unit |
| Total CBD per Unit | 1180.050 mg/unit |
| Sum of Cannabinoids per Unit | 1583.70 mg/unit |
| Total Cannabinoids per Unit | 1583.70 mg/unit |

DENSITY TEST RESULT

0.9473 g/mL

Tested 07/26/2023

Method: QSP 7870 - Sample Preparation