

SAMPLE NAME: CBD Tincture

Infused, Liquid Edible

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name: Sisters Of The Valley

License Number:

Address:
 Merced CA 95348

SAMPLE DETAIL

Batch Number: Holly Moon August 2020

Sample ID: 200817R019

Date Collected: 08/17/2020

Date Received: 08/17/2020

Batch Size:

Sample Size:

Unit Mass: 45.1167 Grams per Unit

Serving Size:



Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 0.0 mg/unit

Total CBD: 550.514 mg/unit

Sum of Cannabinoids: 606.459 mg/unit

Total Cannabinoids: 586.653 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 = $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDA}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

Moisture: NT

Density: 0.8693 g/mL

Viscosity: NT

SAFETY ANALYSIS - SUMMARY

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

Foreign Material: NT

Water Activity: NT

Vitamin E Acetate: NT

Pesticides: NT

Mycotoxins: NT

Residual Solvents: NT

Heavy Metals: NT

Microbial Impurities (PCR): NT

Microbial Impurities (Plating): NT

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: Michael Pham
 Date: 08/20/2020



Approved by: Josh Wurzer, President
 Date: 08/20/2020



CANNABINOID TEST RESULTS - 08/20/2020

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

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

TOTAL THC: 0.0 mg/unit

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

TOTAL CBD: 550.514 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 586.653 mg/unit

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

TOTAL CBG: 12.091 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 19.987 mg/unit

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 2.978 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|----------------------------|----------------|--------------------------------|--------------------|----------------|
| CBD | 0.004 / 0.011 | ±0.5845 | 12.202 | 1.2202 |
| CBC | 0.003 / 0.010 | ±0.0183 | 0.443 | 0.0443 |
| $\Delta 9$ THC | 0.002 / 0.005 | ±0.0309 | 0.439 | 0.0439 |
| CBG | 0.002 / 0.005 | ±0.0167 | 0.268 | 0.0268 |
| CBDV | 0.002 / 0.007 | ±0.0035 | 0.066 | 0.0066 |
| CBL | 0.003 / 0.008 | ±0.0009 | 0.019 | 0.0019 |
| CBN | 0.001 / 0.004 | ±0.0002 | 0.005 | 0.0005 |
| $\Delta 8$ THC | 0.01 / 0.02 | N/A | ND | ND |
| THCa | 0.001 / 0.002 | N/A | ND | ND |
| THCV | 0.002 / 0.008 | N/A | ND | ND |
| THCVa | 0.002 / 0.005 | N/A | ND | ND |
| CBDa | 0.001 / 0.003 | N/A | ND | ND |
| CBDVa | 0.001 / 0.003 | N/A | ND | ND |
| CBGa | 0.002 / 0.006 | N/A | ND | ND |
| CBCa | 0.001 / 0.004 | N/A | ND | ND |
| SUM OF CANNABINOIDS | | | 13.442 mg/g | 1.3442% |

Unit Mass: 45.1167 Grams per Unit

| | | | |
|------------------------------|--------------------------|-----------------|------|
| $\Delta 9$ THC per Unit | 1000.0 per-package limit | 19.806 mg/unit | PASS |
| Total THC per Unit | | 0.0 mg/unit | |
| CBD per Unit | | 550.514 mg/unit | |
| Total CBD per Unit | | 550.514 mg/unit | |
| Sum of Cannabinoids per Unit | | 606.459 mg/unit | |
| Total Cannabinoids per Unit | | 586.653 mg/unit | |

MOISTURE TEST RESULT

| |
|------------|
| Not Tested |
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DENSITY TEST RESULT

| |
|---|
| 0.8693 g/mL |
| Tested 08/20/2020 |
| Method: QSP - (1152) Sample Preparation |

VISCOSITY TEST RESULT

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|------------|
| Not Tested |
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