

**SAMPLE NAME: CBD lavender salve**

Infused, Hemp Infused

**CULTIVATOR / MANUFACTURER**

**Business Name:**

**License Number:**

**Address:**

**DISTRIBUTOR / TESTED FOR**

**Business Name:** Sisters Of The Valley

**License Number:**

**Address:**  
Merced CA 95348



**SAMPLE DETAIL**

**Batch Number:** Vine Moon Oct 2021

**Sample ID:** 211018M015

**Date Collected:** 10/18/2021

**Date Received:** 10/18/2021

**Batch Size:**

**Sample Size:** 2.0 units

**Unit Mass:** 14.3844 grams per Unit

**Serving Size:**



Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**

**Total THC:** 1.913 mg/unit

**Total CBD:** 68.916 mg/unit

**Sum of Cannabinoids:** 78.395 mg/unit

**Total Cannabinoids:** 76.540 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 =  $(\Delta 9\text{THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta 8\text{THC} + \text{CBL} + \text{CBN}$

**SAFETY ANALYSIS - SUMMARY**

**Pesticides:** ⊗ FAIL

**Mycotoxins:** ⊙ PASS

**Residual Solvents:** ⊙ PASS

**Heavy Metals:** ⊙ PASS

**Microbiology (PCR):** ⊙ PASS

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:** Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

**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)

*Reza Naemeh*  
LQC verified by: Reza Naemeh  
Date: 10/20/2021

*Josh Wurzer*  
Approved by: Josh Wurzer, President  
Date: 10/20/2021



## 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: 1.913 mg/unit**

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

**TOTAL CBD: 68.916 mg/unit**

Total CBD (CBD+0.877\*CBDA)

**TOTAL CANNABINOIDS: 76.540 mg/unit**

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

**TOTAL CBG: 2.431 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 3.035 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: ND**

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 10/20/2021

| COMPOUND                   | LOD/LOQ (mg/g) | MEASUREMENT mg/g | RESULT (mg/g)     | RESULT (%)    |
|----------------------------|----------------|------------------|-------------------|---------------|
| CBD                        | 0.004 / 0.011  | ±0.1874          | 3.913             | 0.3913        |
| CBDA                       | 0.001 / 0.026  | ±0.0365          | 1.001             | 0.1001        |
| CBC                        | 0.003 / 0.010  | ±0.0078          | 0.189             | 0.0189        |
| CBG                        | 0.002 / 0.006  | ±0.0093          | 0.150             | 0.0150        |
| $\Delta 9$ THC             | 0.002 / 0.014  | ±0.0094          | 0.133             | 0.0133        |
| CBCa                       | 0.001 / 0.015  | ±0.0012          | 0.025             | 0.0025        |
| CBGa                       | 0.002 / 0.007  | ±0.0006          | 0.022             | 0.0022        |
| CBN                        | 0.001 / 0.007  | ±0.0006          | 0.017             | 0.0017        |
| $\Delta 8$ 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            |
| CBDV                       | 0.002 / 0.012  | N/A              | ND                | ND            |
| CBDVa                      | 0.001 / 0.018  | N/A              | ND                | ND            |
| CBL                        | 0.003 / 0.010  | N/A              | ND                | ND            |
| <b>SUM OF CANNABINOIDS</b> |                |                  | <b>5.450 mg/g</b> | <b>0.545%</b> |

### Unit Mass: 14.3844 grams per Unit

|                              |                |
|------------------------------|----------------|
| $\Delta 9$ THC per Unit      | 1.913 mg/unit  |
| Total THC per Unit           | 1.913 mg/unit  |
| CBD per Unit                 | 56.286 mg/unit |
| Total CBD per Unit           | 68.916 mg/unit |
| Sum of Cannabinoids per Unit | 78.395 mg/unit |
| Total Cannabinoids per Unit  | 76.540 mg/unit |





## Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

Exclusions<sup>1</sup> see last page

Exclusions<sup>2</sup> see last page

**Technical Support.** For questions and technical support regarding a failed result, please contact your SC Labs representative.



### Coumaphos

Trade Names: Agridip, Asunthol, Meldane, Muscatox, Umbethion, Co-Ral, Asuntol, Bay 21, Baymix, Dilice, Resistox, Suntol, Negashunt...etc.; An insecticide and miticide often used on animals to treat against external parasites such as mites, ticks and fleas. It is highly toxic if inhaled or ingested.

### PESTICIDE TEST RESULTS - 10/20/2021 ✘ FAIL

| COMPOUND            | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT µg/g | RESULT (µg/g) | RESULT |
|---------------------|----------------|---------------------|------------------|---------------|--------|
| Abamectin           | 0.03 / 0.10    | 0.3                 | N/A              | ND            | PASS   |
| Acephate            | 0.02 / 0.07    | 5                   | N/A              | ND            | PASS   |
| Acequinocyl         | 0.02 / 0.07    | 4                   | N/A              | ND            | PASS   |
| Acetamiprid         | 0.02 / 0.05    | 5                   | N/A              | ND            | PASS   |
| Aldicarb            | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Azoxystrobin        | 0.02 / 0.07    | 40                  | N/A              | ND            | PASS   |
| Bifenazate          | 0.01 / 0.04    | 5                   | N/A              | ND            | PASS   |
| Bifenthrin          | 0.02 / 0.05    | 0.5                 | N/A              | ND            | PASS   |
| Boscalid            | 0.03 / 0.09    | 10                  | N/A              | ND            | PASS   |
| Captan              | 0.19 / 0.57    | 5                   | N/A              | ND            | PASS   |
| Carbaryl            | 0.02 / 0.06    | 0.5                 | N/A              | ND            | PASS   |
| Carbofuran          | 0.02 / 0.05    | ≥ LOD               | N/A              | ND            | PASS   |
| Chlorantraniliprole | 0.04 / 0.12    | 40                  | N/A              | ND            | PASS   |
| Chlordane*          | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Chlorfenapyr*       | 0.03 / 0.10    | ≥ LOD               | N/A              | ND            | PASS   |
| Chlorpyrifos        | 0.02 / 0.06    | ≥ LOD               | N/A              | ND            | PASS   |
| Clofentezine        | 0.03 / 0.09    | 0.5                 | N/A              | ND            | PASS   |
| Coumaphos           | 0.02 / 0.07    | ≥ LOD               | ±0.018           | 0.57          | FAIL   |
| Cyfluthrin          | 0.12 / 0.38    | 1                   | N/A              | ND            | PASS   |
| Cypermethrin        | 0.11 / 0.32    | 1                   | N/A              | ND            | PASS   |
| Daminozide          | 0.02 / 0.07    | ≥ LOD               | N/A              | ND            | PASS   |
| DDVP (Dichlorvos)   | 0.03 / 0.09    | ≥ LOD               | N/A              | ND            | PASS   |
| Diazinon            | 0.02 / 0.05    | 0.2                 | N/A              | ND            | PASS   |
| Dimethoate          | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Dimethomorph        | 0.03 / 0.09    | 20                  | N/A              | ND            | PASS   |
| Ethoprop(hos)       | 0.03 / 0.10    | ≥ LOD               | N/A              | ND            | PASS   |
| Etofenprox          | 0.02 / 0.06    | ≥ LOD               | N/A              | ND            | PASS   |
| Etoxazole           | 0.02 / 0.06    | 1.5                 | N/A              | ND            | PASS   |
| Fenhexamid          | 0.03 / 0.09    | 10                  | N/A              | ND            | PASS   |
| Fenoxycarb          | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Fenpyroximate       | 0.02 / 0.06    | 2                   | ±0.003           | 0.07          | PASS   |
| Fipronil            | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Flonicamid          | 0.03 / 0.10    | 2                   | N/A              | ND            | PASS   |
| Fludioxonil         | 0.03 / 0.10    | 30                  | N/A              | ND            | PASS   |
| Hexythiazox         | 0.02 / 0.07    | 2                   | N/A              | ND            | PASS   |
| Imazalil            | 0.02 / 0.06    | ≥ LOD               | N/A              | ND            | PASS   |
| Imidacloprid        | 0.04 / 0.11    | 3                   | N/A              | ND            | PASS   |
| Kresoxim-methyl     | 0.02 / 0.07    | 1                   | N/A              | ND            | PASS   |
| Malathion           | 0.03 / 0.09    | 5                   | N/A              | ND            | PASS   |
| Metalaxyl           | 0.02 / 0.07    | 15                  | N/A              | ND            | PASS   |
| Methiocarb          | 0.02 / 0.07    | ≥ LOD               | N/A              | ND            | PASS   |

Continued on next page



 **Pesticide Analysis** *Continued*

PESTICIDE TEST RESULTS - 10/20/2021 *continued* ✘ FAIL

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

**Technical Support.** For questions and technical support regarding a failed result, please contact your SC Labs representative.

| COMPOUND                 | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT µg/g | RESULT (µg/g) | RESULT |
|--------------------------|----------------|---------------------|------------------|---------------|--------|
| Methomyl                 | 0.03 / 0.10    | 0.1                 | N/A              | ND            | PASS   |
| Methyl parathion         | 0.03 / 0.10    | ≥ LOD               | N/A              | ND            | PASS   |
| Mevinphos                | 0.03 / 0.09    | ≥ LOD               | N/A              | ND            | PASS   |
| Myclobutanil             | 0.03 / 0.09    | 9                   | N/A              | ND            | PASS   |
| Naled                    | 0.02 / 0.07    | 0.5                 | N/A              | ND            | PASS   |
| Oxamyl                   | 0.04 / 0.11    | 0.2                 | N/A              | ND            | PASS   |
| Paclbutrazol             | 0.02 / 0.05    | ≥ LOD               | N/A              | ND            | PASS   |
| Pentachloronitrobenzene* | 0.03 / 0.09    | 0.2                 | N/A              | ND            | PASS   |
| Permethrin               | 0.04 / 0.12    | 20                  | N/A              | ND            | PASS   |
| Phosmet                  | 0.03 / 0.10    | 0.2                 | N/A              | ND            | PASS   |
| Piperonylbutoxide        | 0.02 / 0.07    | 8                   | N/A              | <LOQ          | PASS   |
| Prallethrin              | 0.03 / 0.08    | 0.4                 | N/A              | ND            | PASS   |
| Propiconazole            | 0.02 / 0.07    | 20                  | N/A              | ND            | PASS   |
| Propoxur                 | 0.03 / 0.09    | ≥ LOD               | N/A              | ND            | PASS   |
| Pyrethrins               | 0.04 / 0.12    | 1                   | N/A              | ND            | PASS   |
| Pyridaben                | 0.02 / 0.07    | 3                   | N/A              | ND            | PASS   |
| Spinetoram               | 0.02 / 0.07    | 3                   | N/A              | ND            | PASS   |
| Spinosad                 | 0.02 / 0.07    | 3                   | N/A              | ND            | PASS   |
| Spiromesifen             | 0.02 / 0.05    | 12                  | N/A              | ND            | PASS   |
| Spirotetramat            | 0.02 / 0.06    | 13                  | N/A              | ND            | PASS   |
| Spiroxamine              | 0.03 / 0.08    | ≥ LOD               | N/A              | ND            | PASS   |
| Tebuconazole             | 0.02 / 0.07    | 2                   | N/A              | ND            | PASS   |
| Thiacloprid              | 0.03 / 0.10    | ≥ LOD               | N/A              | ND            | PASS   |
| Thiamethoxam             | 0.03 / 0.10    | 4.5                 | N/A              | ND            | PASS   |
| Trifloxystrobin          | 0.03 / 0.08    | 30                  | N/A              | ND            | PASS   |

 **Mycotoxin Analysis**

MYCOTOXIN TEST RESULTS - 10/20/2021 ✔ PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

**Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

| COMPOUND        | LOD/LOQ (µg/kg) | ACTION LIMIT (µg/kg) | MEASUREMENT µg/kg | RESULT (µg/kg) | RESULT |
|-----------------|-----------------|----------------------|-------------------|----------------|--------|
| Aflatoxin B1    | 2.0 / 6.0       | 5                    | N/A               | ND             | PASS   |
| Aflatoxin B2    | 1.8 / 5.6       | 20                   | N/A               | ND             | PASS   |
| Aflatoxin G1    | 1.0 / 3.1       | 20                   | N/A               | ND             | PASS   |
| Aflatoxin G2    | 1.2 / 3.5       | 20                   | N/A               | ND             | PASS   |
| Total Aflatoxin |                 | 20                   |                   | ND             | PASS   |
| Ochratoxin A    | 6.3 / 19.2      | 5                    | N/A               | ND             | PASS   |



## Residual Solvents Analysis

RESIDUAL SOLVENTS TEST RESULTS - 10/20/2021 ✔ PASS

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

**Method:** QSP 1204 - Analysis of Residual Solvents by GC-MS

*Exclusions<sup>3</sup> see last page*

| COMPOUND           | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT µg/g | RESULT (µg/g) | RESULT |
|--------------------|----------------|---------------------|------------------|---------------|--------|
| Propane            | 10 / 20        | 5000                | N/A              | ND            | PASS   |
| Butane             | 10 / 50        | 5000                | N/A              | ND            | PASS   |
| Pentane            | 20 / 50        | 5000                | N/A              | ND            | PASS   |
| Hexane             | 2 / 5          | 290                 | N/A              | ND            | PASS   |
| Heptane            | 20 / 60        | 5000                | N/A              | ND            | PASS   |
| Benzene            | 0.03 / 0.09    | 1                   | N/A              | ND            | PASS   |
| Toluene            | 7 / 21         | 890                 | N/A              | ND            | PASS   |
| Total Xylenes      | 50 / 160       | 2170                | N/A              | ND            | PASS   |
| Methanol           | 50 / 200       | 3000                | N/A              | ND            | PASS   |
| Ethanol            | 20 / 50        | 5000                | N/A              | ND            | PASS   |
| Isopropyl Alcohol  | 10 / 40        | 5000                | N/A              | ND            | PASS   |
| Acetone            | 20 / 50        | 5000                | N/A              | ND            | PASS   |
| Ethyl ether        | 20 / 50        | 5000                | N/A              | ND            | PASS   |
| Ethylene Oxide     | 0.3 / 0.8      | 1                   | N/A              | ND            | PASS   |
| Ethyl acetate      | 20 / 60        | 5000                | N/A              | ND            | PASS   |
| Chloroform         | 0.1 / 0.2      | 1                   | N/A              | ND            | PASS   |
| Methylene chloride | 0.3 / 0.9      | 1                   | N/A              | ND            | PASS   |
| Trichloroethylene  | 0.1 / 0.3      | 1                   | N/A              | ND            | PASS   |
| 1,2-Dichloroethane | 0.05 / 0.1     | 1                   | N/A              | ND            | PASS   |
| Acetonitrile       | 2 / 7          | 410                 | N/A              | ND            | PASS   |

## Heavy Metals Analysis

HEAVY METALS TEST RESULTS - 10/19/2021 ✔ PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

**Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

| COMPOUND | LOD/LOQ (µg/g) | ACTION LIMIT (µg/g) | MEASUREMENT µg/g | RESULT (µg/g) | RESULT |
|----------|----------------|---------------------|------------------|---------------|--------|
| Arsenic  | 0.02 / 0.1     | 0.42                | N/A              | ND            | PASS   |
| Cadmium  | 0.02 / 0.05    | 0.27                | N/A              | ND            | PASS   |
| Lead     | 0.04 / 0.1     | 0.5                 | N/A              | ND            | PASS   |
| Mercury  | 0.002 / 0.01   | 0.4                 | N/A              | ND            | PASS   |

## Microbiology Analysis

PCR

MICROBIOLOGY TEST RESULTS (PCR) - 10/20/2021 ✔ PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

**Method:** QSP 1221 - Analysis of Microbiological Contaminants

| COMPOUND                                      | ACTION LIMIT       | RESULT | RESULT |
|---|--------------------|--------|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | Not Detected in 1g | ND     | PASS   |
| <i>Salmonella</i> spp.                        | Not Detected in 1g | ND     | PASS   |
| <i>Aspergillus fumigatus</i>                  | Not Detected in 1g | ND     | PASS   |
| <i>Aspergillus flavus</i>                     | Not Detected in 1g | ND     | PASS   |
| <i>Aspergillus niger</i>                      | Not Detected in 1g | ND     | PASS   |
| <i>Aspergillus terreus</i>                    | Not Detected in 1g | ND     | PASS   |



### NOTES

1. Exclusions: QSP 1213 - Sample Certification: California Code