SC Labs®

# Hemp Quality Assurance Testing
# CERTIFICATE OF ANALYSIS

**DATE ISSUED 02/04/2023**

## SAMPLE NAME: Van Horn 2000mg Medicated Rub
Infused, Topical

### CULTIVATOR / MANUFACTURER
**Business Name:**
**License Number:**
**Address:**

### DISTRIBUTOR / TESTED FOR
**Business Name:** CBD Center
**License Number:**
**Address:**

### SAMPLE DETAIL
**Batch Number:** 00036
**Sample ID:** 230201S010

**Date Collected:** 02/01/2023
**Date Received:** 02/01/2023
**Batch Size:**
**Sample Size:** 1.0 units
**Unit Mass:** 56 grams per Unit
**Serving Size:**

Scan QR code to verify authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

**Total THC: 2.240 mg/unit**

**Total CBD: 3662.512 mg/unit**

**Sum of Cannabinoids: 3686.368 mg/unit**

**Total Cannabinoids: 3686.368 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 = $\Delta^9$-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = $\Delta^9$-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + $\Delta^8$-THC + CBL + CBN
Total Cannabinoids = ($\Delta^9$-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + $\Delta^8$-THC + CBL + CBN

## SAFETY ANALYSIS - SUMMARY

**$\Delta^9$-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: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 02/04/2023

Approved by: Josh Wurzer
Job Title: President
Date: 02/04/2023


© 2023 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT0002 REV9 2/22

## 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: 2.240 mg/unit
Total THC ($\Delta^9$-THC+0.877*THCa)

### TOTAL CBD: 3662.512 mg/unit
Total CBD (CBD+0.877*CBDa)

### TOTAL CANNABINOIDS: 3686.368 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta^8$-THC + CBL + CBN

### TOTAL CBG: 1.344 mg/unit
Total CBG (CBG+0.877*CBGa)

### TOTAL THCV: ND
Total THCV (THCV+0.877*THCVa)

### TOTAL CBC: 1.960 mg/unit
Total CBC (CBC+0.877*CBCa)

### TOTAL CBDV: 17.416 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

**CANNABINOID TEST RESULTS -** 02/04/2023

| COMPOUND | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---|---|---|---|---|
| CBD | *0.004 / 0.011* | *±2.4395* | 65.402 | 6.5402 |
| CBDV | *0.002 / 0.012* | *±0.0127* | 0.311 | 0.0311 |
| $\Delta^9$-THC | *0.002 / 0.014* | *±0.0022* | 0.040 | 0.0040 |
| CBC | *0.003 / 0.010* | *±0.0011* | 0.035 | 0.0035 |
| CBG | *0.002 / 0.006* | *±0.0012* | 0.024 | 0.0024 |
| CBN | *0.001 / 0.007* | *±0.0005* | 0.016 | 0.0016 |
| $\Delta^8$-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 |
| 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 |
| CBL | *0.003 / 0.010* | *N/A* | ND | ND |
| CBCa | *0.001 / 0.015* | *N/A* | ND | ND |
| SUM OF CANNABINOIDS | | | 65.828 mg/g | 6.5828% |

Unit Mass: 56 grams per Unit

| | | | |
|---|---|---|---|
| $\Delta^9$-THC per Unit | *1100 per-package limit* | 2.240 mg/unit | PASS |
| Total THC per Unit | | 2.240 mg/unit | |
| CBD per Unit | | 3662.512 mg/unit | |
| Total CBD per Unit | | 3662.512 mg/unit | |
| Sum of Cannabinoids per Unit | | 3686.368 mg/unit | |
| Total Cannabinoids per Unit | | 3686.368 mg/unit | |


© 2023 SC Labs all rights reserved. Trademarks referenced are trademarks of either SC Labs or their respective owners. MKT0002 REV9 2/22