SC Labs®

# Hemp Quality Assurance Testing
# CERTIFICATE OF ANALYSIS

**DATE ISSUED 09/06/2025**

## SAMPLE DETAILS

### SAMPLE NAME: 6000mg CBD + CBG Isolate Unflavored Tincture

Infused, Liquid Edible

### CULTIVATOR / MANUFACTURER

**Business Name:**
**License Number:**
**Address:**

### DISTRIBUTOR / TESTED FOR

**Business Name:** Sunny Skies CBD, LLC
**License Number:** USDA_55_0114
**Address:** 100 W Main St
Durand WI 54736

### SAMPLE DETAIL

**Batch Number:** DG61005
**Sample ID:** 250903M024

**Date Collected:** 09/03/2025
**Date Received:** 09/03/2025
**Batch Size:**
**Sample Size:** 1.0 unit
**Unit Mass:** 60 milliliters per Unit
**Serving Size:**

Scan QR code to verify authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

**Total THC:** Not Detected

**Total CBD:** 3370.740 mg/unit

**Sum of Cannabinoids:** 6502.080 mg/unit

**Total Cannabinoids:** 6502.080 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

**Density: 0.9541 g/mL**

## 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), µg/g = ppm, µg/kg = ppb

LQC verified by: Michael Pham
Job Title: Senior Laboratory Analyst
Date: 09/06/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 09/06/2025


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## 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: Not Detected
Total THC ($\Delta^9$-THC+0.877*THCa)

### TOTAL CBD: 3370.740 mg/unit
Total CBD (CBD+0.877*CBDa)

### TOTAL CANNABINOIDS: 6502.080 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta^8$-THC + CBL + CBN

### TOTAL CBG: 3116.940 mg/unit
Total CBG (CBG+0.877*CBGa)

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

### TOTAL CBC: ND
Total CBC (CBC+0.877*CBCa)

### TOTAL CBDV: 14.400 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

### CANNABINOID TEST RESULTS - 09/06/2025

| COMPOUND | LOD/LOQ (mg/mL) | MEASUREMENT UNCERTAINTY (mg/mL) | RESULT (mg/mL) | RESULT (%) |
|---|---|---|---|---|
| CBD | *0.004 / 0.011* | *±2.0955* | 56.179 | 5.8882 |
| CBG | *0.002 / 0.006* | *±2.5195* | 51.949 | 5.4448 |
| CBDV | *0.002 / 0.012* | *±0.0098* | 0.240 | 0.0252 |
| $\Delta^9$-THC | *0.002 / 0.014* | *N/A* | ND | ND |
| $\Delta^8$-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 |
| CBN | *0.001 / 0.007* | *N/A* | ND | ND |
| CBC | *0.003 / 0.010* | *N/A* | ND | ND |
| CBCa | *0.001 / 0.015* | *N/A* | ND | ND |
| SUM OF CANNABINOIDS | | | 108.368 mg/mL | 11.3581% |

### Unit Mass: 60 milliliters per Unit

| | | | |
|---|---|---|---|
| $\Delta^9$-THC per Unit | *110 per-package limit* | ND | PASS |
| Total THC per Unit | | ND | |
| CBD per Unit | | 3370.740 mg/unit | |
| Total CBD per Unit | | 3370.740 mg/unit | |
| Sum of Cannabinoids per Unit | | 6502.080 mg/unit | |
| Total Cannabinoids per Unit | | 6502.080 mg/unit | |

### DENSITY TEST RESULT

**0.9541 g/mL**

Tested 09/06/2025

**Method:** QSP 7870 - Sample Preparation

### NOTES
Sample unit mass provided by client.


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# Certificate of Analysis



## CBD Isolate

Sample ID: SA-250211-56999
Batch: 0575
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 02/12/2025
Completed: 03/04/2025

**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
USA
Lic. #: USDA_55_0114

## Summary

| Test | Date Tested | Status |
|---|---|---|
| Cannabinoids | 02/25/2025 | Tested |
| Heavy Metals | 02/21/2025 | Tested |
| Microbials | 02/18/2025 | Tested |
| Mycotoxins | 03/04/2025 | Tested |
| Pesticides | 03/04/2025 | Tested |
| Residual Solvents | 02/21/2025 | Tested |

| | | | | | |
|---|---|---|---|---|---|
| **ND** | **99.1 %** | **99.6 %** | **Not Tested** | **Not Tested** | **Yes** |
| Total Δ9-THC | CBD | Total Cannabinoids | Moisture Content | Foreign Matter | Internal Standard Normalization |

## Cannabinoids by HPLC-PDA

| Analyte | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|---|---|---|---|---|
| CBC | 0.0095 | 0.0284 | ND | ND |
| CBCA | 0.0181 | 0.0543 | ND | ND |
| CBCV | 0.006 | 0.018 | ND | ND |
| CBD | 0.0081 | 0.0242 | 99.1 | 991 |
| CBDA | 0.0043 | 0.013 | ND | ND |
| CBDV | 0.0061 | 0.0182 | 0.427 | 4.27 |
| CBDVA | 0.0021 | 0.0063 | ND | ND |
| CBG | 0.0057 | 0.0172 | ND | ND |
| CBGA | 0.0049 | 0.0147 | ND | ND |
| CBL | 0.0112 | 0.0335 | ND | ND |
| CBLA | 0.0124 | 0.0371 | ND | ND |
| CBN | 0.0056 | 0.0169 | ND | ND |
| CBNA | 0.006 | 0.0181 | ND | ND |
| CBT | 0.018 | 0.054 | ND | ND |
| Δ8-THC | 0.0104 | 0.0312 | ND | ND |
| Δ9-THC | 0.0076 | 0.0227 | ND | ND |
| Δ9-THCA | 0.0084 | 0.0251 | ND | ND |
| Δ9-THCV | 0.0069 | 0.0206 | ND | ND |
| Δ9-THCVA | 0.0062 | 0.0186 | ND | ND |
| **Total Δ9-THC** | | | **ND** | **ND** |
| **Total** | | | **99.6** | **996** |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone
CCO
Date: 03/04/2025

Tested By: Nicholas Howard
Scientist
Date: 02/25/2025

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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## CBD Isolate

Sample ID: SA-250211-56999
Batch: 0575
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 02/12/2025
Completed: 03/04/2025

**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
USA
Lic. #: USDA_55_0114

## Heavy Metals by ICP-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---|---|---|---|
| Arsenic | 0.002 | 0.02 | ND |
| Cadmium | 0.001 | 0.02 | ND |
| Lead | 0.002 | 0.02 | ND |
| Mercury | 0.012 | 0.05 | ND |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone
CCO
Date: 03/04/2025

Tested By: Chris Farman
Scientist
Date: 02/21/2025

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Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 02/12/2025
Completed: 03/04/2025

**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
USA
Lic. #: USDA_55_0114

## Pesticides by LC-MS/MS and GC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|
| Abamectin | 30 | 100 | ND | Hexythiazox | 30 | 100 | ND |
| Acephate | 30 | 100 | ND | Imazalil | 30 | 100 | ND |
| Acetamiprid | 30 | 100 | ND | Imidacloprid | 30 | 100 | ND |
| Aldicarb | 30 | 100 | ND | Kresoxim methyl | 30 | 100 | ND |
| Azoxystrobin | 30 | 100 | ND | Malathion | 30 | 100 | ND |
| Bifenazate | 30 | 100 | ND | Metalaxyl | 30 | 100 | ND |
| Bifenthrin | 30 | 100 | ND | Methiocarb | 30 | 100 | ND |
| Boscalid | 30 | 100 | ND | Methomyl | 30 | 100 | ND |
| Carbaryl | 30 | 100 | ND | Mevinphos | 30 | 100 | ND |
| Carbofuran | 30 | 100 | ND | Myclobutanil | 30 | 100 | ND |
| Chloranthraniliprole | 30 | 100 | ND | Naled | 30 | 100 | ND |
| Chlorfenapyr | 30 | 100 | ND | Oxamyl | 30 | 100 | ND |
| Chlorpyrifos | 30 | 100 | ND | Paclobutrazol | 30 | 100 | ND |
| Clofentezine | 30 | 100 | ND | Permethrin | 30 | 100 | ND |
| Coumaphos | 30 | 100 | ND | Phosmet | 30 | 100 | ND |
| Cypermethrin | 30 | 100 | ND | Piperonyl Butoxide | 30 | 100 | ND |
| Daminozide | 30 | 100 | ND | Propiconazole | 30 | 100 | ND |
| Diazinon | 30 | 100 | ND | Propoxur | 30 | 100 | ND |
| Dichlorvos | 30 | 100 | ND | Pyrethrins | 30 | 100 | ND |
| Dimethoate | 30 | 100 | ND | Pyridaben | 30 | 100 | ND |
| Dimethomorph | 30 | 100 | ND | Spinetoram | 30 | 100 | ND |
| Ethoprophos | 30 | 100 | ND | Spinosad | 30 | 100 | ND |
| Etofenprox | 30 | 100 | ND | Spiromesifen | 30 | 100 | ND |
| Etoxazole | 30 | 100 | ND | Spirotetramat | 30 | 100 | ND |
| Fenhexamid | 30 | 100 | ND | Spiroxamine | 30 | 100 | ND |
| Fenoxycarb | 30 | 100 | ND | Tebuconazole | 30 | 100 | ND |
| Fenpyroximate | 30 | 100 | ND | Thiacloprid | 30 | 100 | ND |
| Fipronil | 30 | 100 | ND | Thiamethoxam | 30 | 100 | ND |
| Flonicamid | 30 | 100 | ND | Trifloxystrobin | 30 | 100 | ND |
| Fludioxonil | 30 | 100 | ND | | | | |

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Generated By: Ryan Bellone
CCO
Date: 03/04/2025

Tested By: Anthony Mattingly
Scientist
Date: 03/04/2025

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Matrix: Concentrate - Isolate
Unit Mass (g):

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Completed: 03/04/2025

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## Mycotoxins by LC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---|---|---|---|
| B1 | 1 | 5 | ND |
| B2 | 1 | 5 | ND |
| G1 | 1 | 5 | ND |
| G2 | 1 | 5 | ND |
| Ochratoxin A | 1 | 5 | ND |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone
CCO
Date: 03/04/2025

Tested By: Anthony Mattingly
Scientist
Date: 03/04/2025

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## Microbials by PCR and Plating

| Analyte | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative) |
|---|---|---|---|
| Total aerobic count | 10 | ND | |
| Total coliforms | 10 | ND | |
| Generic E. coli | 10 | ND | |
| Salmonella spp. | 1 | | Not Detected per 1 gram |
| Shiga-toxin producing E. coli (STEC) | 1 | | Not Detected per 1 gram |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
CCO
Date: 03/04/2025

Tested By: Natalia Wright
Laboratory Technician
Date: 02/18/2025

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## Residual Solvents by HS-GC-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---|---|---|---|---|---|---|---|
| Acetone | 167 | 500 | ND | Ethylene Oxide | 0.5 | 1 | ND |
| Acetonitrile | 14 | 41 | ND | Heptane | 167 | 500 | <LOQ |
| Benzene | 0.5 | 1 | ND | n-Hexane | 10 | 29 | ND |
| Butane | 167 | 500 | ND | Isobutane | 167 | 500 | ND |
| 1-Butanol | 167 | 500 | ND | Isopropyl Acetate | 167 | 500 | ND |
| 2-Butanol | 167 | 500 | ND | Isopropyl Alcohol | 167 | 500 | ND |
| 2-Butanone | 167 | 500 | ND | Isopropylbenzene | 167 | 500 | ND |
| Chloroform | 2 | 6 | ND | Methanol | 100 | 300 | ND |
| Cyclohexane | 129 | 388 | ND | 2-Methylbutane | 10 | 29 | ND |
| 1,2-Dichloroethane | 0.5 | 1 | ND | Methylene Chloride | 20 | 60 | ND |
| 1,2-Dimethoxyethane | 4 | 10 | ND | 2-Methylpentane | 10 | 29 | ND |
| Dimethyl Sulfoxide | 167 | 500 | ND | 3-Methylpentane | 10 | 29 | ND |
| N,N-Dimethylacetamide | 37 | 109 | ND | n-Pentane | 167 | 500 | ND |
| 2,2-Dimethylbutane | 10 | 29 | ND | 1-Pentanol | 167 | 500 | ND |
| 2,3-Dimethylbutane | 10 | 29 | ND | n-Propane | 167 | 500 | ND |
| N,N-Dimethylformamide | 30 | 88 | ND | 1-Propanol | 167 | 500 | ND |
| 2,2-Dimethylpropane | 167 | 500 | ND | Pyridine | 7 | 20 | ND |
| 1,4-Dioxane | 13 | 38 | ND | Tetrahydrofuran | 24 | 72 | ND |
| Ethanol | 167 | 500 | ND | Toluene | 30 | 89 | ND |
| 2-Ethoxyethanol | 6 | 16 | ND | Trichloroethylene | 3 | 8 | ND |
| Ethyl Acetate | 167 | 500 | ND | Xylenes (o-, m-, and p-) | 73 | 217 | ND |
| Ethyl Ether | 167 | 500 | ND | | | | |
| Ethylbenzene | 3 | 7 | ND | | | | |

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Generated By: Ryan Bellone
CCO
Date: 03/04/2025

Tested By: Kelsey Rogers
Scientist
Date: 02/21/2025

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Matrix: Concentrate - Isolate
Unit Mass (g):

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**Client**
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Lic. #: USDA_55_0114

# Reporting Limit Appendix

### Heavy Metals - KY 902 KAR 45:190

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---|---|---|---|
| Arsenic | 1.5 | Lead | 0.5 |
| Cadmium | 0.5 | Mercury | 1.5 |

### Microbials -

| Analyte | Limit (CFU/g) | Analyte | Limit (CFU/g) |
|---|---|---|---|
| Total coliforms | 100 | Total aerobic count | 10000 |

### Residual Solvents - USP 467

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---|---|---|---|
| Acetone | 5000 | Ethylene Oxide | 1 |
| Acetonitrile | 410 | Heptane | 5000 |
| Benzene | 2 | n-Hexane | 290 |
| Butane | 5000 | Isobutane | 5000 |
| 1-Butanol | 5000 | Isopropyl Acetate | 5000 |
| 2-Butanol | 5000 | Isopropyl Alcohol | 5000 |
| 2-Butanone | 5000 | Isopropylbenzene | 5000 |
| Chloroform | 60 | Methanol | 3000 |
| Cyclohexane | 3880 | 2-Methylbutane | 290 |
| 1,2-Dichloroethane | 5 | Methylene Chloride | 600 |
| 1,2-Dimethoxyethane | 100 | 2-Methylpentane | 290 |
| Dimethyl Sulfoxide | 5000 | 3-Methylpentane | 290 |
| N,N-Dimethylacetamide | 1090 | n-Pentane | 5000 |
| 2,2-Dimethylbutane | 290 | 1-Pentanol | 5000 |
| 2,3-Dimethylbutane | 290 | n-Propane | 5000 |
| N,N-Dimethylformamide | 880 | 1-Propanol | 5000 |
| 2,2-Dimethylpropane | 5000 | Pyridine | 200 |
| 1,4-Dioxane | 380 | Tetrahydrofuran | 720 |
| Ethanol | 5000 | Toluene | 890 |
| 2-Ethoxyethanol | 160 | Trichloroethylene | 80 |
| Ethyl Acetate | 5000 | Xylenes (o-, m-, and p-) | 2170 |
| Ethyl Ether | 5000 | | |
| Ethylbenzene | 70 | | |

### Pesticides - CA DCC

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| Abamectin | 300 | Hexythiazox | 2000 |
| Acephate | 5000 | Imazalil | 30 |

### Pesticides - CA DCC

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| Acetamiprid | 5000 | Imidacloprid | 3000 |
| Aldicarb | 30 | Kresoxim methyl | 1000 |
| Azoxystrobin | 40000 | Malathion | 5000 |
| Bifenazate | 5000 | Metalaxyl | 15000 |
| Bifenthrin | 500 | Methiocarb | 30 |
| Boscalid | 10000 | Methomyl | 100 |
| Carbaryl | 500 | Mevinphos | 30 |
| Carbofuran | 30 | Myclobutanil | 9000 |
| Chloranthraniliprole | 40000 | Naled | 500 |
| Chlorfenapyr | 30 | Oxamyl | 200 |
| Chlorpyrifos | 30 | Paclobutrazol | 30 |
| Clofentezine | 500 | Permethrin | 20000 |
| Coumaphos | 30 | Phosmet | 200 |
| Cypermethrin | 1000 | Piperonyl Butoxide | 8000 |
| Daminozide | 30 | Propiconazole | 20000 |
| Diazinon | 200 | Propoxur | 30 |
| Dichlorvos | 30 | Pyrethrins | 1000 |
| Dimethoate | 30 | Pyridaben | 3000 |
| Dimethomorph | 20000 | Spinetoram | 3000 |
| Ethoprophos | 30 | Spinosad | 3000 |
| Etofenprox | 30 | Spiromesifen | 12000 |
| Etoxazole | 1500 | Spirotetramat | 13000 |
| Fenhexamid | 10000 | Spiroxamine | 30 |
| Fenoxycarb | 30 | Tebuconazole | 2000 |
| Fenpyroximate | 2000 | Thiacloprid | 30 |
| Fipronil | 30 | Thiamethoxam | 4500 |
| Flonicamid | 2000 | Trifloxystrobin | 30000 |
| Fludioxonil | 30000 | | |

### Mycotoxins - Colorado CDPHE

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| B1 | 5 | B2 | 5 |
| G1 | 5 | G2 | 5 |
| Ochratoxin A | 5 | | |

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# Certificate of Analysis



## CBG Isolate

Sample ID: SA-241202-52874
Batch: 0567
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 12/03/2024
Completed: 12/18/2024

**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
USA
Lic. #: USDA_55_0114

## Summary

| Test | Date Tested | Status |
|---|---|---|
| Cannabinoids | 12/13/2024 | Tested |
| Heavy Metals | 12/13/2024 | Tested |
| Microbials | 12/09/2024 | Tested |
| Mycotoxins | 12/18/2024 | Tested |
| Pesticides | 12/18/2024 | Tested |
| Residual Solvents | 12/11/2024 | Tested |

| | | | | | |
|---|---|---|---|---|---|
| **ND** | **99.6 %** | **99.6 %** | **Not Tested** | **Not Tested** | **Yes** |
| Total Δ9-THC | CBG | Total Cannabinoids | Moisture Content | Foreign Matter | Internal Standard Normalization |

## Cannabinoids by HPLC-PDA

| Analyte | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|---|---|---|---|---|
| CBC | 0.0095 | 0.0284 | ND | ND |
| CBCA | 0.0181 | 0.0543 | ND | ND |
| CBCV | 0.006 | 0.018 | ND | ND |
| CBD | 0.0081 | 0.0242 | ND | ND |
| CBDA | 0.0043 | 0.013 | ND | ND |
| CBDV | 0.0061 | 0.0182 | ND | ND |
| CBDVA | 0.0021 | 0.0063 | ND | ND |
| CBG | 0.0057 | 0.0172 | 99.6 | 996 |
| CBGA | 0.0049 | 0.0147 | ND | ND |
| CBL | 0.0112 | 0.0335 | ND | ND |
| CBLA | 0.0124 | 0.0371 | ND | ND |
| CBN | 0.0056 | 0.0169 | ND | ND |
| CBNA | 0.006 | 0.0181 | ND | ND |
| CBT | 0.018 | 0.054 | ND | ND |
| Δ8-THC | 0.0104 | 0.0312 | ND | ND |
| Δ9-THC | 0.0076 | 0.0227 | ND | ND |
| Δ9-THCA | 0.0084 | 0.0251 | ND | ND |
| Δ9-THCV | 0.0069 | 0.0206 | ND | ND |
| Δ9-THCVA | 0.0062 | 0.0186 | ND | ND |
| **Total Δ9-THC** | | | **ND** | **ND** |
| **Total** | | | **99.6** | **996** |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone
CCO
Date: 12/18/2024

Tested By: Kelsey Rogers
Scientist
Date: 12/13/2024

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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## CBG Isolate

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Type: In-Process Material
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Unit Mass (g):

Received: 12/03/2024
Completed: 12/18/2024

**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
USA
Lic. #: USDA_55_0114

## Heavy Metals by ICP-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---|---|---|---|
| Arsenic | 0.002 | 0.02 | ND |
| Cadmium | 0.001 | 0.02 | ND |
| Lead | 0.002 | 0.02 | ND |
| Mercury | 0.012 | 0.05 | ND |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone
CCO
Date: 12/18/2024

Tested By: Chris Farman
Scientist
Date: 12/13/2024

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## CBG Isolate

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Unit Mass (g):

Received: 12/03/2024
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**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
USA
Lic. #: USDA_55_0114

## Pesticides by LC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|
| Abamectin | 30 | 100 | ND | Hexythiazox | 30 | 100 | ND |
| Acephate | 30 | 100 | ND | Imazalil | 30 | 100 | ND |
| Acequinocyl | 30 | 100 | ND | Imidacloprid | 30 | 100 | ND |
| Acetamiprid | 30 | 100 | ND | Kresoxim methyl | 30 | 100 | ND |
| Aldicarb | 30 | 100 | ND | Malathion | 30 | 100 | ND |
| Azoxystrobin | 30 | 100 | ND | Metalaxyl | 30 | 100 | ND |
| Bifenazate | 30 | 100 | ND | Methiocarb | 30 | 100 | ND |
| Bifenthrin | 30 | 100 | ND | Methomyl | 30 | 100 | ND |
| Boscalid | 30 | 100 | ND | Mevinphos | 30 | 100 | ND |
| Carbaryl | 30 | 100 | ND | Myclobutanil | 30 | 100 | ND |
| Carbofuran | 30 | 100 | ND | Naled | 30 | 100 | ND |
| Chloranthraniliprole | 30 | 100 | ND | Oxamyl | 30 | 100 | ND |
| Chlorfenapyr | 30 | 100 | ND | Paclobutrazol | 30 | 100 | ND |
| Chlorpyrifos | 30 | 100 | ND | Permethrin | 30 | 100 | ND |
| Clofentezine | 30 | 100 | ND | Phosmet | 30 | 100 | ND |
| Coumaphos | 30 | 100 | ND | Piperonyl Butoxide | 30 | 100 | ND |
| Cypermethrin | 30 | 100 | ND | Prallethrin | 30 | 100 | ND |
| Diazinon | 30 | 100 | ND | Propiconazole | 30 | 100 | ND |
| Dichlorvos | 30 | 100 | ND | Propoxur | 30 | 100 | ND |
| Dimethoate | 30 | 100 | ND | Pyrethrins | 30 | 100 | ND |
| Dimethomorph | 30 | 100 | ND | Pyridaben | 30 | 100 | ND |
| Ethoprophos | 30 | 100 | ND | Spinetoram | 30 | 100 | ND |
| Etofenprox | 30 | 100 | ND | Spinosad | 30 | 100 | ND |
| Etoxazole | 30 | 100 | ND | Spiromesifen | 30 | 100 | ND |
| Fenhexamid | 30 | 100 | ND | Spirotetramat | 30 | 100 | ND |
| Fenoxycarb | 30 | 100 | ND | Spiroxamine | 30 | 100 | ND |
| Fenpyroximate | 30 | 100 | ND | Tebuconazole | 30 | 100 | ND |
| Fipronil | 30 | 100 | ND | Thiacloprid | 30 | 100 | ND |
| Flonicamid | 30 | 100 | ND | Thiamethoxam | 30 | 100 | ND |
| Fludioxonil | 30 | 100 | ND | Trifloxystrobin | 30 | 100 | ND |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone
CCO
Date: 12/18/2024

Tested By: Jasper van Heemst
Principal Scientist
Date: 12/18/2024

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## CBG Isolate

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Type: In-Process Material
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Unit Mass (g):

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Completed: 12/18/2024

**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
USA
Lic. #: USDA_55_0114

## Mycotoxins by LC-MS/MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---|---|---|---|
| B1 | 1 | 5 | ND |
| B2 | 1 | 5 | ND |
| G1 | 1 | 5 | ND |
| Ochratoxin A | 1 | 5 | ND |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone
CCO
Date: 12/18/2024

Tested By: Jasper van Heemst
Principal Scientist
Date: 12/18/2024

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## CBG Isolate

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**Client**
Sunny Skies CBD
100 W. Main Street
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Lic. #: USDA_55_0114

## Microbials by PCR and Plating

| Analyte | LOD (CFU/g) | Result (CFU/g) | Result (Qualitative) |
|---|---|---|---|
| Total aerobic count | 10 | ND | |
| Total coliforms | 10 | <RL | |
| Generic E. coli | 10 | ND | |
| Salmonella spp. | 1 | | Not Detected per 1 gram |
| Shiga-toxin producing E. coli (STEC) | 1 | | Not Detected per 1 gram |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
CCO
Date: 12/18/2024

Tested By: Natalia Wright
Laboratory Technician
Date: 12/09/2024

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**Client**
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## Residual Solvents by HS-GC-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---|---|---|---|---|---|---|---|
| Acetone | 167 | 500 | ND | Ethylene Oxide | 0.5 | 1 | ND |
| Acetonitrile | 14 | 41 | ND | Heptane | 167 | 500 | ND |
| Benzene | 0.5 | 1 | ND | n-Hexane | 10 | 29 | ND |
| Butane | 167 | 500 | ND | Isobutane | 167 | 500 | ND |
| 1-Butanol | 167 | 500 | ND | Isopropyl Acetate | 167 | 500 | ND |
| 2-Butanol | 167 | 500 | ND | Isopropyl Alcohol | 167 | 500 | ND |
| 2-Butanone | 167 | 500 | ND | Isopropylbenzene | 167 | 500 | ND |
| Chloroform | 2 | 6 | ND | Methanol | 100 | 300 | ND |
| Cyclohexane | 129 | 388 | ND | 2-Methylbutane | 10 | 29 | ND |
| 1,2-Dichloroethane | 0.5 | 1 | ND | Methylene Chloride | 20 | 60 | ND |
| 1,2-Dimethoxyethane | 4 | 10 | ND | 2-Methylpentane | 10 | 29 | ND |
| Dimethyl Sulfoxide | 167 | 500 | ND | 3-Methylpentane | 10 | 29 | ND |
| N,N-Dimethylacetamide | 37 | 109 | ND | n-Pentane | 167 | 500 | ND |
| 2,2-Dimethylbutane | 10 | 29 | ND | 1-Pentanol | 167 | 500 | ND |
| 2,3-Dimethylbutane | 10 | 29 | ND | n-Propane | 167 | 500 | ND |
| N,N-Dimethylformamide | 30 | 88 | ND | 1-Propanol | 167 | 500 | ND |
| 2,2-Dimethylpropane | 167 | 500 | ND | Pyridine | 7 | 20 | ND |
| 1,4-Dioxane | 13 | 38 | ND | Tetrahydrofuran | 24 | 72 | ND |
| Ethanol | 167 | 500 | ND | Toluene | 30 | 89 | ND |
| 2-Ethoxyethanol | 6 | 16 | ND | Trichloroethylene | 3 | 8 | ND |
| Ethyl Acetate | 167 | 500 | ND | Xylenes (o-, m-, and p-) | 73 | 217 | ND |
| Ethyl Ether | 167 | 500 | ND | | | | |
| Ethylbenzene | 3 | 7 | ND | | | | |

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Generated By: Ryan Bellone
CCO
Date: 12/18/2024

Tested By: Kelsey Rogers
Scientist
Date: 12/11/2024

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# Certificate of Analysis



## CBG Isolate

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Batch: 0567
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 12/03/2024
Completed: 12/18/2024

**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
USA
Lic. #: USDA_55_0114

# Reporting Limit Appendix

### Heavy Metals - KY 902 KAR 45:190

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---|---|---|---|
| Arsenic | 1.5 | Lead | 0.5 |
| Cadmium | 0.5 | Mercury | 1.5 |

### Microbials -

| Analyte | Limit (CFU/g) | Analyte | Limit (CFU/g) |
|---|---|---|---|
| Total coliforms | 100 | Total aerobic count | 10000 |

### Residual Solvents - USP 467

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---|---|---|---|
| Acetone | 5000 | Ethylene Oxide | 1 |
| Acetonitrile | 410 | Heptane | 5000 |
| Benzene | 2 | n-Hexane | 290 |
| Butane | 5000 | Isobutane | 5000 |
| 1-Butanol | 5000 | Isopropyl Acetate | 5000 |
| 2-Butanol | 5000 | Isopropyl Alcohol | 5000 |
| 2-Butanone | 5000 | Isopropylbenzene | 5000 |
| Chloroform | 60 | Methanol | 3000 |
| Cyclohexane | 3880 | 2-Methylbutane | 290 |
| 1,2-Dichloroethane | 5 | Methylene Chloride | 600 |
| 1,2-Dimethoxyethane | 100 | 2-Methylpentane | 290 |
| Dimethyl Sulfoxide | 5000 | 3-Methylpentane | 290 |
| N,N-Dimethylacetamide | 1090 | n-Pentane | 5000 |
| 2,2-Dimethylbutane | 290 | 1-Pentanol | 5000 |
| 2,3-Dimethylbutane | 290 | n-Propane | 5000 |
| N,N-Dimethylformamide | 880 | 1-Propanol | 5000 |
| 2,2-Dimethylpropane | 5000 | Pyridine | 200 |
| 1,4-Dioxane | 380 | Tetrahydrofuran | 720 |
| Ethanol | 5000 | Toluene | 890 |
| 2-Ethoxyethanol | 160 | Trichloroethylene | 80 |
| Ethyl Acetate | 5000 | Xylenes (o-, m-, and p-) | 2170 |
| Ethyl Ether | 5000 | | |
| Ethylbenzene | 70 | | |

### Pesticides - CA DCC

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| Abamectin | 300 | Hexythiazox | 2000 |
| Acephate | 5000 | Imazalil | 30 |

### Pesticides - CA DCC

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| Acequinocyl | 4000 | Imidacloprid | 3000 |
| Acetamiprid | 5000 | Kresoxim methyl | 1000 |
| Aldicarb | 30 | Malathion | 5000 |
| Azoxystrobin | 40000 | Metalaxyl | 15000 |
| Bifenazate | 5000 | Methiocarb | 30 |
| Bifenthrin | 500 | Methomyl | 100 |
| Boscalid | 10000 | Mevinphos | 30 |
| Carbaryl | 500 | Myclobutanil | 9000 |
| Carbofuran | 30 | Naled | 500 |
| Chloranthraniliprole | 40000 | Oxamyl | 200 |
| Chlorfenapyr | 30 | Paclobutrazol | 30 |
| Chlorpyrifos | 30 | Permethrin | 20000 |
| Clofentezine | 500 | Phosmet | 200 |
| Coumaphos | 30 | Piperonyl Butoxide | 8000 |
| Cypermethrin | 1000 | Prallethrin | 400 |
| Diazinon | 200 | Propiconazole | 20000 |
| Dichlorvos | 30 | Propoxur | 30 |
| Dimethoate | 30 | Pyrethrins | 1000 |
| Dimethomorph | 20000 | Pyridaben | 3000 |
| Ethoprophos | 30 | Spinetoram | 3000 |
| Etofenprox | 30 | Spinosad | 3000 |
| Etoxazole | 1500 | Spiromesifen | 12000 |
| Fenhexamid | 10000 | Spirotetramat | 13000 |
| Fenoxycarb | 30 | Spiroxamine | 30 |
| Fenpyroximate | 2000 | Tebuconazole | 2000 |
| Fipronil | 30 | Thiacloprid | 30 |
| Flonicamid | 2000 | Thiamethoxam | 4500 |
| Fludioxonil | 30000 | Trifloxystrobin | 30000 |

### Mycotoxins - Colorado CDPHE

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| B1 | 5 | B2 | 5 |
| G1 | 5 | | |
| Ochratoxin A | 5 | | |

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