SC Labs®

# Hemp Quality Assurance Testing
# CERTIFICATE OF ANALYSIS

**DATE ISSUED 10/17/2025**

## SAMPLE DETAILS

### SAMPLE NAME: 1500mg CBD+CBN Isolate Unflavored Tincture

Infused, Solid 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:** IDNU151009
**Sample ID:** 251015M003

**Date Collected:** 10/15/2025
**Date Received:** 10/15/2025
**Batch Size:**
**Sample Size:** 1.0 unit
**Unit Mass:** 30 milliliters per Unit
**Serving Size:**

Scan QR code to verify authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

**Total THC:** Not Detected

**Total CBD:** 871.620 mg/unit

**Sum of Cannabinoids:** 1713.690 mg/unit

**Total Cannabinoids:** 1713.690 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:** 0.9513 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: 10/17/2025

Approved by: Josh Wurzer
Chief Compliance Officer
Date: 10/17/2025


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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: 871.620 mg/unit
Total CBD (CBD+0.877*CBDa)

### TOTAL CANNABINOIDS: 1713.690 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + $\Delta^8$-THC + CBL + CBN

### TOTAL CBG: ND
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: 2.700 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

### CANNABINOID TEST RESULTS - 10/17/2025

| COMPOUND | LOD/LOQ (mg/mL) | MEASUREMENT UNCERTAINTY (mg/mL) | RESULT (mg/mL) | RESULT (%) |
|---|---|---|---|---|
| CBD | *0.004 / 0.011* | *±1.0837* | 29.054 | 3.0541 |
| CBN | *0.001 / 0.007* | *±0.8030* | 27.979 | 2.9411 |
| CBDV | *0.002 / 0.012* | *±0.0037* | 0.090 | 0.0095 |
| $\Delta^9$-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 |
| CBG | *0.002 / 0.006* | *N/A* | ND | ND |
| CBGa | *0.002 / 0.007* | *N/A* | ND | ND |
| CBL | *0.003 / 0.010* | *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 | | | 57.123 mg/mL | 6.0047% |

### Unit Mass: 30 milliliters per Unit

| | | | |
|---|---|---|---|
| $\Delta^9$-THC per Unit | *110 per-package limit* | ND | PASS |
| Total THC per Unit | | ND | |
| CBD per Unit | | 871.620 mg/unit | |
| Total CBD per Unit | | 871.620 mg/unit | |
| Sum of Cannabinoids per Unit | | 1713.690 mg/unit | |
| Total Cannabinoids per Unit | | 1713.690 mg/unit | |

### DENSITY TEST RESULT

**0.9513 g/mL**

Tested 10/17/2025

**Method:** QSP 7870 - Sample Preparation

### NOTES
Sample unit mass provided by client.


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# Certificate of Analysis



## CBD Isolate

Sample ID: SA-250519-62213
Batch: 0579
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 05/21/2025
Completed: 05/27/2025

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

## Summary

| Test | Date Tested | Status |
|---|---|---|
| Cannabinoids | 05/27/2025 | Tested |

| | | | | | |
|---|---|---|---|---|---|
| **ND** | **99.6 %** | **100 %** | **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 | 99.6 | 996 |
| CBDA | 0.0043 | 0.013 | ND | ND |
| CBDV | 0.0061 | 0.0182 | 0.410 | 4.10 |
| 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** | | | **100** | **1000** |

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
Commercial Director
Date: 05/27/2025

Tested By: Nicholas Howard
Scientist
Date: 05/27/2025

ISO/IEC 17025:2017 Accredited
Accreditation #108651

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

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# Certificate of Analysis



## CBD Isolate

Sample ID: SA-250528-62705
Lot: 0579
Type: In-Process Material
Matrix: Concentrate - Isolate

Received: 05/29/2025
Completed: 06/03/2025

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

## Summary

| Test | Date Tested | Status |
|---|---|---|
| Heavy Metals | 06/02/2025 | Tested |
| Microbials | 06/02/2025 | Tested |
| Mycotoxins | 06/03/2025 | Tested |
| Pesticides | 06/03/2025 | Tested |
| Residual Solvents | 06/03/2025 | Tested |

## Heavy Metals by ICP-MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---|---|---|---|
| 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

Generated By: Ryan Bellone
Commercial Director
Date: 06/03/2025

Tested By: Chris Farman
Scientist
Date: 06/02/2025

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## CBD Isolate

Sample ID: SA-250528-62705
Lot: 0579
Type: In-Process Material
Matrix: Concentrate - Isolate

Received: 05/29/2025
Completed: 06/03/2025

**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
Commercial Director
Date: 06/03/2025

Tested By: Anthony Mattingly
Scientist
Date: 06/03/2025

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## CBD Isolate

Sample ID: SA-250528-62705
Lot: 0579
Type: In-Process Material
Matrix: Concentrate - Isolate

Received: 05/29/2025
Completed: 06/03/2025

**Client**
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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 |
| 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

Generated By: Ryan Bellone
Commercial Director
Date: 06/03/2025

Tested By: Anthony Mattingly
Scientist
Date: 06/03/2025

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Matrix: Concentrate - Isolate

Received: 05/29/2025
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**Client**
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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. | | | Not Detected per 1 gram |
| Shiga-toxin producing E. coli (STEC) | | | 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; TNTC = Too Numerous to Count; Aerobic Plate Count: AOAC 2015.13, Total Coliforms/E.Coli: AOAC 2018.13, Salmonella: AOAC 2020.02, Listeria Monocytogenes: AOAC 2019.11, Listeria Spp.: AOAC 2019.10, EHEC: AOAC 2020.06

Generated By: Ryan Bellone
Commercial Director
Date: 06/03/2025

Tested By: Natalia Wright
Laboratory Technician
Date: 06/02/2025

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## CBD Isolate

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Matrix: Concentrate - Isolate

Received: 05/29/2025
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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 | 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
Commercial Director
Date: 06/03/2025

Tested By: Kelsey Rogers
Scientist
Date: 06/03/2025

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## CBD Isolate

Sample ID: SA-250528-62705
Lot: 0579
Type: In-Process Material
Matrix: Concentrate - Isolate

Received: 05/29/2025
Completed: 06/03/2025

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

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# Certificate of Analysis



## CBN Isolate

Sample ID: SA-250922-69218
Batch: 0586
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 09/23/2025
Completed: 10/10/2025

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

## Summary

| Test | Date Tested | Status |
|---|---|---|
| Cannabinoids | 09/29/2025 | Tested |
| Heavy Metals | 10/10/2025 | Tested |
| Microbials | 10/02/2025 | Tested |
| Mycotoxins | 10/08/2025 | Tested |
| Pesticides | 10/08/2025 | Tested |
| Residual Solvents | 10/02/2025 | Tested |

| | | | | | |
|---|---|---|---|---|---|
| **ND** | **98.8 %** | **98.8 %** | **Not Tested** | **Not Tested** | **Yes** |
| Total Δ9-THC | CBN | 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 | 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 | 98.8 | 988 |
| 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** | | | **98.8** | **988** |

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; 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
Commercial Director
Date: 10/10/2025

Tested By: Nicholas Howard
Scientist
Date: 09/29/2025

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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## CBN Isolate

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Unit Mass (g):

Received: 09/23/2025
Completed: 10/10/2025

**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 |

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Generated By: Ryan Bellone
Commercial Director
Date: 10/10/2025

Tested By: Chris Farman
Scientist
Date: 10/10/2025

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## CBN Isolate

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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 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 |
| 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 | NR | Prallethrin | 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
Commercial Director
Date: 10/10/2025

Tested By: Scott Caudill
Laboratory Manager
Date: 10/08/2025

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## CBN Isolate

Sample ID: SA-250922-69218
Batch: 0586
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 09/23/2025
Completed: 10/10/2025

**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 |
| G2 | 1 | 5 | ND |
| Ochratoxin A | 1 | 5 | ND |

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; 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
Commercial Director
Date: 10/10/2025

Tested By: Chris Farman
Scientist
Date: 10/08/2025

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## CBN Isolate

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Matrix: Concentrate - Isolate
Unit Mass (g):

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Completed: 10/10/2025

**Client**
Sunny Skies CBD
100 W. Main Street
Durand, WI 54736
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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 | 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 |

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Generated By: Ryan Bellone
Commercial Director
Date: 10/10/2025

Tested By: Sara Cook
Laboratory Technician
Date: 10/02/2025

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Matrix: Concentrate - Isolate
Unit Mass (g):

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

## Residual Solvents by HS-GC-MS

| Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|---|---|---|---|---|---|---|---|
| Acetone | 33 | 100 | ND | Ethylene Oxide | 0.5 | 1 | ND |
| Acetonitrile | 14 | 41 | ND | Heptane | 167 | 500 | ND |
| Benzene | 0.5 | 1 | ND | n-Hexane | 2 | 6 | ND |
| Butane | 33 | 100 | ND | Isobutane | 33 | 100 | 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 | 20 | 60 | 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 | 2 | 6 | ND |
| Dimethyl Sulfoxide | 167 | 500 | ND | 3-Methylpentane | 2 | 6 | ND |
| N,N-Dimethylacetamide | 37 | 109 | ND | n-Pentane | 33 | 100 | ND |
| 2,2-Dimethylbutane | 2 | 6 | ND | 1-Pentanol | 167 | 500 | ND |
| 2,3-Dimethylbutane | 2 | 6 | ND | n-Propane | 33 | 100 | 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 | 6 | 18 | ND |
| 2-Ethoxyethanol | 6 | 16 | ND | Trichloroethylene | 3 | 8 | ND |
| Ethyl Acetate | 167 | 500 | ND | Xylenes (o-, m-, and p-) | 14 | 43 | ND |
| Ethyl Ether | 167 | 500 | ND | | | | |
| Ethylbenzene | 3 | 7 | ND | | | | |

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Generated By: Ryan Bellone
Commercial Director
Date: 10/10/2025

Tested By: Kelsey Rogers
Scientist
Date: 10/02/2025

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# Certificate of Analysis



## CBN Isolate

Sample ID: SA-250922-69218
Batch: 0586
Type: In-Process Material
Matrix: Concentrate - Isolate
Unit Mass (g):

Received: 09/23/2025
Completed: 10/10/2025

**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 | 1.0 |
| Cadmium | 0.4 | Mercury | 1.2 |

### Microbials - KY 902 KAR 45:190

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

### Residual Solvents - KY 902 KAR 45:190 & USP 467

| Analyte | Limit (ppm) | Analyte | Limit (ppm) |
|---|---|---|---|
| Acetone | 1000 | Ethylene Oxide | 1 |
| Acetonitrile | 410 | Heptane | 1000 |
| Benzene | 2 | n-Hexane | 60 |
| Butane | 1000 | Isobutane | 1000 |
| 1-Butanol | 5000 | Isopropyl Acetate | 5000 |
| 2-Butanol | 5000 | Isopropyl Alcohol | 5000 |
| 2-Butanone | 5000 | Isopropylbenzene | 5000 |
| Chloroform | 60 | Methanol | 600 |
| Cyclohexane | 3880 | 2-Methylbutane | 290 |
| 1,2-Dichloroethane | 5 | Methylene Chloride | 600 |
| 1,2-Dimethoxyethane | 100 | 2-Methylpentane | 60 |
| Dimethyl Sulfoxide | 5000 | 3-Methylpentane | 60 |
| N,N-Dimethylacetamide | 1090 | n-Pentane | 1000 |
| 2,2-Dimethylbutane | 60 | 1-Pentanol | 5000 |
| 2,3-Dimethylbutane | 60 | n-Propane | 1000 |
| N,N-Dimethylformamide | 880 | 1-Propanol | 5000 |
| 2,2-Dimethylpropane | 5000 | Pyridine | 200 |
| 1,4-Dioxane | 380 | Tetrahydrofuran | 720 |
| Ethanol | 5000 | Toluene | 180 |
| 2-Ethoxyethanol | 160 | Trichloroethylene | 80 |
| Ethyl Acetate | 1000 | Xylenes (o-, m-, and p-) | 430 |
| Ethyl Ether | 5000 | | |
| Ethylbenzene | 70 | | |

### Pesticides - KY 902 KAR 45:190

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| Abamectin | 500 | Hexythiazox | 1000 |

### Pesticides - KY 902 KAR 45:190

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| Acephate | 400 | Imazalil | 200 |
| Acequinocyl | 2000 | Imidacloprid | 400 |
| Acetamiprid | 200 | Kresoxim methyl | 400 |
| Aldicarb | 400 | Malathion | 200 |
| Azoxystrobin | 200 | Metalaxyl | 200 |
| Bifenazate | 200 | Methiocarb | 200 |
| Bifenthrin | 200 | Methomyl | 400 |
| Boscalid | 400 | Mevinphos | |
| Carbaryl | 200 | Myclobutanil | 200 |
| Carbofuran | 200 | Naled | 500 |
| Chloranthraniliprole | 200 | Oxamyl | 1000 |
| Chlorfenapyr | 1000 | Paclobutrazol | 400 |
| Chlorpyrifos | 200 | Permethrin | 200 |
| Clofentezine | 200 | Phosmet | 200 |
| Coumaphos | | Piperonyl Butoxide | 2000 |
| Cypermethrin | 1000 | Prallethrin | 200 |
| Daminozide | 1000 | Propiconazole | 400 |
| Diazinon | 200 | Propoxur | 200 |
| Dichlorvos | 100 | Pyrethrins | 1000 |
| Dimethoate | 200 | Pyridaben | 200 |
| Dimethomorph | | Spinetoram | |
| Ethoprophos | 200 | Spinosad | 200 |
| Etofenprox | 400 | Spiromesifen | 200 |
| Etoxazole | 200 | Spirotetramat | 200 |
| Fenhexamid | | Spiroxamine | 400 |
| Fenoxycarb | 200 | Tebuconazole | 400 |
| Fenpyroximate | 400 | Thiacloprid | 200 |
| Fipronil | 400 | Thiamethoxam | 200 |
| Flonicamid | 1000 | Trifloxystrobin | 200 |
| Fludioxonil | 400 | | |

### Mycotoxins - KY 902 KAR 45:190

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---|---|---|---|
| B1 | 5 | B2 | 5 |
| G1 | 5 | G2 | 5 |
| Ochratoxin A | 20 | | |

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