**Botanicanna**
305 E Business Hwy 151
Suite A
Platteville, WI 53818
License #:
Confident ID: 2610SMIL1401.9891
Metrc Source ID:

SMITHERS

# CERTIFICATE OF ANALYSIS

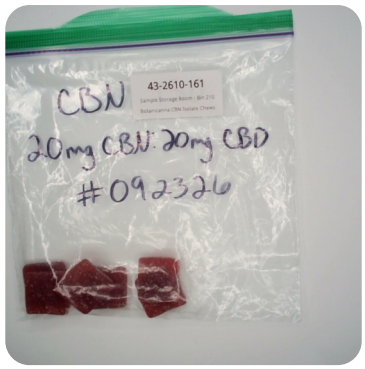
License #: CTL0004

**Certificate:** IL-39309.2

## Botanicanna CBN Isolate Chews

**External Batch ID:** Batch 092326, Batch Date 10/01/2026
**Sample ID:** 2610SMIL1401.9891
**Testing Type:** Compliance
**Sample Type:** Soft Chew

**Sample Collected:** 10/21/2026
**Received:** 10/21/2026 07:10 PM
**Published:** 10/27/2026




## RESULTS SUMMARY

| | | | |
|---|---|---|---|
| Cannabinoid Profile: Tested | Microbial Contaminants: Pass | Residual Solvents: Pass | 0.0% Total THC |
| Pesticides: Pass | Mycotoxins: Pass | Heavy Metals: Pass | 0.45845% Total CBD |
| Foreign Matter: Not Tested | Moisture Analysis: Not Tested | Water Activity: Not Tested | 0.89534% Total Cannabinoids |
| | Terpenes: Tested | | 0.0% Total Terpenes |

**Report Notes:**

**Philip Travisano III, Ph.D.**
CTS Illinois State Director

**Smithers CTS Illinois LLC**
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500

ilac-MRA
PJLA Testing
Accreditation #: 107434

Test results apply to samples within this Certificate of Analysis only. Certificate of Analysis shall not be reproduced except in full without approval of the laboratory. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations. IL Compliance samples were handled according to SOP-SMPL-006.

**Botanicanna**
305 E Business Hwy 151
Suite A
Platteville, WI 53818
License #:
Confident ID: 2610SMIL1401.9891
Metrc Source ID:

SMITHERS

# CERTIFICATE OF ANALYSIS

License #: CTL0004

**Certificate:** IL-39309.2

## Cannabinoids

**Tested**

## Sample Analysis

**Sample Prep Date:** 10/22/2026
**Sample Analysis Date:** 10/23/2026
**Analyzed By:** Agilent 1260 HPLC
**SOP:** SOP-CANN-001

| Analyte | LOD (percent) | LOQ (percent) | Results (%) | Results (mg/g) | Results (mg/serving) | Results (mg/package) |
|---|---|---|---|---|---|---|
| CBC | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| CBCA | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| CBDV | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| CBDVA | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| CBD | 0.00049073 | 0.00098145 | 0.45845 | 4.5845 | 22.923 | 22.923 |
| CBDA | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| CBG | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| CBGA | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| CBN | 0.00049073 | 0.00098145 | 0.43689 | 4.3689 | 21.845 | 21.845 |
| Δ8-THC | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| Δ8-THCV | 0 | 0 | NT | NT | NT | NT |
| Δ9-THC | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| Δ9-THCV | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| THCVA | 0.00049073 | 0.00098145 | ND | ND | ND | ND |
| THCA | 0.00049073 | 0.00098145 | ND | ND | ND | ND |

| Cannabinoid Totals | Results (%) | Results (mg/g) | Results (mg/serving) | Results (mg/package) |
|---|---|---|---|---|
| Total THC | 0 | 0 | 0 | 0 |
| Total CBD | 0.45845 | 4.5845 | 22.923 | 22.923 |
| Total Cannabinoids | 0.89534 | 8.9534 | 44.768 | 44.768 |

Total THC = THCa*0.877 + Δ9-THC
Total CBD = CBDa*0.877 + CBD
Total Cannabinoids = Sum of all analytes

Serving Weight: 5g;

**Report Notes:**

**Philip Travisano III, Ph.D.**

CTS Illinois State Director

**Smithers CTS Illinois LLC**
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500

ilac-MRA

PJLA Testing
Accreditation #: 107434

Test results apply to samples within this Certificate of Analysis only. Certificate of Analysis shall not be reproduced except in full without approval of the laboratory. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations. IL Compliance samples were handled according to SOP-SMPL-006.

**Botanicanna**
305 E Business Hwy 151
Suite A
Platteville, WI 53818
License #:
Confident ID: 2610SMIL1401.9891
Metrc Source ID:

SMITHERS

# CERTIFICATE OF ANALYSIS

License #: CTL0004

**Certificate:** IL-39309.2

## Terpenes

## Tested

## Sample Analysis

**Sample Prep Date:** 10/22/2026
**Sample Analysis Date:** 10/26/2026
**Analyzed By:** GC-FID
**SOP:** SOP_TERP_002

| Analyte | LOD (%) | LOQ (%) | Results (%) | Analyte | LOD (%) | LOQ (%) | Results (%) |
|---|---|---|---|---|---|---|---|
| 3-Carene | 0.00226 | 0.00676 | ND | Geraniol | 0.00226 | 0.00676 | ND |
| α-Bisabolol | 0.00226 | 0.00676 | ND | Geranyl Acetate | 0.00226 | 0.00676 | ND |
| α-Cedrene | 0.00226 | 0.00676 | ND | Guaiol | 0.00226 | 0.00676 | ND |
| α-Humulene | 0.00226 | 0.00676 | ND | Isoborneol | 0.00226 | 0.00676 | ND |
| α-Phellandrene | 0.00226 | 0.00676 | ND | Isopulegol | 0.00226 | 0.00676 | ND |
| α-Pinene | 0.00226 | 0.00676 | ND | Limonene | 0.00226 | 0.00676 | ND |
| α-Terpinene | 0.00226 | 0.00676 | ND | Linalool | 0.00226 | 0.00676 | ND |
| β-Myrcene | 0.00450 | 0.0135 | ND | Menthol | 0.00226 | 0.00676 | ND |
| β-Pinene | 0.00226 | 0.00676 | ND | Nerol | 0.00226 | 0.00676 | ND |
| Borneol | 0.00450 | 0.0135 | ND | Pulegone | 0.00226 | 0.00676 | ND |
| Camphene | 0.00226 | 0.00676 | ND | Sabinene Hydrate | 0.00226 | 0.00676 | ND |
| Camphor | 0.00676 | 0.0203 | ND | Terpineol | 0.00226 | 0.00676 | ND |
| Caryophyllene Oxide | 0.00226 | 0.00676 | ND | Terpinolene | 0.00226 | 0.00676 | ND |
| Cedrol | 0.00226 | 0.00676 | ND | β-Caryophyllene | 0.00226 | 0.00676 | ND |
| cis-Nerolidol | 0.00226 | 0.00676 | ND | trans-Nerolidol | 0.00226 | 0.00676 | ND |
| cis-Ocimene | 0.000374 | 0.00111 | ND | trans-Ocimene | 0.00188 | 0.00565 | ND |
| endo-Fenchyl Alcohol | 0.00226 | 0.00676 | ND | Valencene | 0.00226 | 0.00676 | ND |
| Eucalyptol | 0.00226 | 0.00676 | ND | γ-Terpinene | 0.00226 | 0.00676 | ND |
| Fenchone | 0.00450 | 0.0135 | ND | **Total Terpenes** | - | - | **ND** |

**Report Notes:**

**Philip Travisano III, Ph.D.**

CTS Illinois State Director

**Smithers CTS Illinois LLC**
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500

ilac-MRA

PJLA Testing
Accreditation #: 107434

Test results apply to samples within this Certificate of Analysis only. Certificate of Analysis shall not be reproduced except in full without approval of the laboratory. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations. IL Compliance samples were handled according to SOP-SMPL-006.

**Botanicanna**
305 E Business Hwy 151
Suite A
Platteville, WI 53818
License #:
Confident ID: 2610SMIL1401.9891
Metrc Source ID:

SMITHERS

# CERTIFICATE OF ANALYSIS

License #: CTL0004

**Certificate:** IL-39309.2

## Pesticides

**Pass**

### Sample Analysis

**Sample Prep Date:** 10/22/2026
**Sample Analysis Date:** 10/23/2026
**Analyzed By:** Agilent Ultivo LC-MS/MS
**SOP:** SOP_PEST_001

| Analyte | LOD (ppb) | LOQ (ppb) | Results (ppb) | Limit (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Results (ppb) | Limit (ppb) |
|---|---|---|---|---|---|---|---|---|---|
| Acetamiprid | 3.46 | 6.92 | ND | 10 | Flonicamid | 8.65 | 17.3 | ND | 30 |
| Aldicarb | 6.92 | 13.8 | ND | 20 | Imidacloprid | 6.92 | 13.8 | ND | 20 |
| Bifenthrin | 6.92 | 13.8 | ND | 50 | Kresoxim Methyl | 3.46 | 6.92 | ND | 10 |
| Carbaryl | 6.92 | 13.8 | ND | 20 | Metalaxyl | 6.92 | 13.8 | ND | 20 |
| Carbofuran | 6.92 | 13.8 | ND | 100 | Oxamyl | 17.3 | 34.6 | ND | 50 |
| Chlorantraniliprole | 6.92 | 13.8 | ND | 20 | Phosmet | 6.92 | 13.8 | ND | 40 |
| Chlorpyrifos | 3.46 | 6.92 | ND | 10 | Pyridaben | 3.46 | 6.92 | ND | 10 |
| Clofentezine | 3.46 | 6.92 | ND | 10 | Spiromesifen | 3.46 | 6.92 | ND | 10 |
| Diazinon | 6.92 | 13.8 | ND | 50 | Spirotetramat | 3.46 | 6.92 | ND | 10 |
| Ethoprophos | 6.92 | 13.8 | ND | 20 | Tebuconazole | 13.8 | 27.7 | ND | 50 |
| Etofenprox | 3.46 | 6.92 | ND | 10 | Thiamethoxam | 6.92 | 13.8 | ND | 20 |
| Etoxazole | 3.46 | 6.92 | ND | 10 | Trifloxystrobin | 3.46 | 6.92 | ND | 10 |
| Fenpyroximate | 3.46 | 6.92 | ND | 15 | | | | | |

## Mycotoxins

**Pass**

### Sample Analysis

**Sample Prep Date:** 10/22/2026
**Sample Analysis Date:** 10/23/2026
**Analyzed By:** Agilent Ultivo LC-MS/MS
**SOP:** SOP_PEST_001

| Analyte | LOD (ppb) | LOQ (ppb) | Results (ppb) | Limit (ppb) |
|---|---|---|---|---|
| Aflatoxin B1 | 4.57 | 13.8 | ND | 20 |
| Aflatoxin B2 | 4.57 | 13.8 | ND | 20 |
| Aflatoxin G1 | 4.57 | 13.8 | ND | 20 |
| Aflatoxin G2 | 4.57 | 13.8 | ND | 20 |
| Ochratoxin A | 4.57 | 13.8 | ND | 20 |

**Report Notes:**

**Philip Travisano III, Ph.D.**
CTS Illinois State Director

**Smithers CTS Illinois LLC**
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500

ilac-MRA
PJLA Testing
Accreditation #: 107434

Test results apply to samples within this Certificate of Analysis only. Certificate of Analysis shall not be reproduced except in full without approval of the laboratory. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations. IL Compliance samples were handled according to SOP-SMPL-006.

**Botanicanna**
305 E Business Hwy 151
Suite A
Platteville, WI 53818
License #:
Confident ID: 2610SMIL1401.9891
Metrc Source ID:

SMITHERS

# CERTIFICATE OF ANALYSIS

License #: CTL0004

**Certificate:** IL-39309.2

## Heavy Metals

**Pass**

### Sample Analysis

**Sample Prep Date:** 10/22/2026
**Sample Analysis Date:** 10/23/2026
**Analyzed By:** Agilent 7800 ICP-MS
**SOP:** SOP_HM_001

| Analyte | LOD (ppb) | LOQ (ppb) | Results (ppb) | Limit (ppb) |
|---|---|---|---|---|
| Cadmium | 30.2 | 91.0 | ND | 500 |
| Mercury | 3.02 | 9.10 | ND | 3000 |
| Lead | 30.2 | 91.0 | ND | 1000 |
| Chromium | 30.2 | 91.0 | < LOQ | 2000 |
| Arsenic | 30.2 | 91.0 | ND | 1500 |

## Microbial Impurities

**Pass**

### Sample Analysis

**Sample Prep Date:** 10/21/2026
**Sample Analysis Date:** 10/23/2026
**Analyzed By:** 3M Petrifilm
**SOP:** SOP_MICRO_001

| Analyte | Results (cfu/g) | Limit (cfu_g) |
|---|---|---|
| Total Aerobic Bacteria | ND | 10000 |
| Total Bile-Tolerant Gram-Negative Bacteria | ND | 100 |
| Total Coliforms | ND | 100 |
| Total Yeast & Mold | ND | 1000 |
| *E.coli* (pathogenic strains) | Not Detected | Detected |
| *Salmonella* spp. | Not Detected | Detected |

**Report Notes:**

**Philip Travisano III, Ph.D.**

CTS Illinois State Director

**Smithers CTS Illinois LLC**
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500

ilac-MRA

PJLA Testing
Accreditation #: 107434

Test results apply to samples within this Certificate of Analysis only. Certificate of Analysis shall not be reproduced except in full without approval of the laboratory. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations. IL Compliance samples were handled according to SOP-SMPL-006.

**Botanicanna**
305 E Business Hwy 151
Suite A
Platteville, WI 53818
License #:
Confident ID: 2610SMIL1401.9891
Metrc Source ID:

SMITHERS

# CERTIFICATE OF ANALYSIS

License #: CTL0004

**Certificate:** IL-39309.2

## Residual Solvents

**Pass**

## Sample Analysis

**Sample Prep Date:** 10/22/2026
**Sample Analysis Date:** 10/23/2026
**Analyzed By:** GCMS
**SOP:** SOP-RS-001

| Analyte | LOD (ppm) | LOQ (ppm) | Results (ppm) | Limit (ppm) |
|---|---|---|---|---|
| Acetone | 7.029 | 14.058 | ND | 5000 |
| Butane | 7.029 | 14.058 | ND | 5000 |
| Ethanol | 7.029 | 14.058 | ND | 5000 |
| Ethyl Acetate | 7.029 | 14.058 | ND | 5000 |
| Ethyl Ether | 7.029 | 14.058 | ND | 5000 |
| Ethylene Oxide | 1.172 | 2.343 | ND | 50 |
| Heptane | 7.029 | 14.058 | ND | 5000 |
| Hexane | 7.029 | 14.058 | ND | 290 |
| Isopropyl Alcohol | 7.029 | 14.058 | ND | 5000 |
| Methanol | 7.029 | 14.058 | ND | 3000 |
| Methylene Chloride | 7.029 | 14.058 | ND | 600 |
| Pentane | 7.029 | 14.058 | ND | 5000 |
| Petroleum Ether | 7.029 | 14.058 | ND | 400 |
| Propane | 7.029 | 14.058 | ND | 5000 |
| Trichloroethylene | 7.029 | 14.058 | ND | 80 |
| Toluene | 7.029 | 14.058 | ND | 5000 |
| Xylenes | 7.029 | 14.058 | ND | 2170 |

**Report Notes:**

**Philip Travisano III, Ph.D.**

CTS Illinois State Director

**Smithers CTS Illinois LLC**
8205 Cass Ave. Ste. 106
Darien, IL 60561
(872)-870-0500

PJLA Testing
Accreditation #: 107434

Test results apply to samples within this Certificate of Analysis only. Certificate of Analysis shall not be reproduced except in full without approval of the laboratory. Smithers CTS IL LLC uses simple acceptance for all pass/fail results. Uncertainty is not taken into account for pass/fail determinations. IL Compliance samples were handled according to SOP-SMPL-006.