# Certificate of Analysis

Labs & Analytics

2525 2nd St
Macon, GA 31206
License #: PHRS001078

**Reported:** October 30, 2026

**Overall Status**



| | | | |
|---|---|---|---|
| **Product Name:** | SKU.0215-20261021 | **Matrix:** | Tincture |
| **Sample Size:** | 30 ml | **Received:** | 10/22/2026 |
| **Sample ID:** | SAM-102126-0037 | | |

**Distributor or Microbusiness:**

| | |
|---|---|
| **Name:** | Botanical Sciences LLC |
| **Premises Address:** | 442 Cecil Anderson Rd<br>Glennville, GA 30427 |
| **License No.:** | C1PRO001 |

## Potency

**Date of Analysis:** 10/28/2026 **Method:** HPLC Cannabinoid and HPLC Impurity

| Moisture | Total THC: | | Total CBD: | | Total CBG: | | Total Cannabinoids: | |
|---|---|---|---|---|---|---|---|---|
| % | % | mg/pkg | % | mg/pkg | % | mg/pkg | % | mg/pkg |
| ND | 2.316 | 673.842 | 2.25 | 654.372 | ND | ND | 4.56 | 1328.210 |

| Analyte | LOQ (%) | Results (%) | Results (mg/g) | Results (mg/mL) | Results (mg/srv) | Results (mg/pkg) |
|---|---|---|---|---|---|---|
| CBD | 0.01 | 2.25 | 22.49 | 21.81 | 21.81 | 654.37 |
| CBDV | 0.01 | ND | ND | ND | ND | ND |
| CBDA | 0.01 | ND | ND | ND | ND | ND |
| CBC | 0.01 | ND | ND | ND | ND | ND |
| CBCA | 0.01 | ND | ND | ND | ND | ND |
| CBG | 0.01 | ND | ND | ND | ND | ND |
| CBGA | 0.01 | ND | ND | ND | ND | ND |
| CBN | 0.01 | ND | ND | ND | ND | ND |
| Δ9-THC | 0.01 | 1.19 | 11.87 | 11.51 | 11.51 | 345.42 |
| Δ8-THC | 0.01 | ND | ND | ND | ND | ND |
| THCA | 0.01 | 1.29 | 12.87 | 12.48 | 12.48 | 374.49 |
| THCV | 0.01 | ND | ND | ND | ND | ND |

## Residual Solvents



**Date of Analysis:** 10/29/2026 **Method:** GC/MS headspace

| Analyte | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|---|---|---|---|---|
| Carbon-Tetrachloride | 150.00 | ND | 5000000.00 | Pass |
| Pentane | 1500.00 | ND | 5000000.00 | Pass |
| Ethanol | 1500.00 | 327961.0 | 5000000.00 | Pass |
| Acetone | 1500.00 | ND | 800000.00 | Pass |
| Isopropanol* | 15000.00 | ND | 5000000.00 | Pass |
| Acetonitrile | 15000.00 | ND | 410000.00 | Pass |
| n-Hexane | 1500.00 | ND | 290000.00 | Pass |
| Chloroform* | 150.00 | ND | 1000.00 | Pass |
| Benzene | 150.00 | ND | 2000.00 | Pass |
| Heptane | 150.00 | ND | 5000000.00 | Pass |
| TetrahydrofuranP* | 150.00 | ND | 1000.00 | Pass |
| Toluene | 150.00 | ND | 1000.00 | Pass |
| Xylene (meta-, para-) | 300.00 | ND | 1000.00 | Pass |
| Xylene (ortho-) | 150.00 | ND | 1000.00 | Pass |
| Butane | 1500.00 | ND | 5000000.00 | Pass |
| 1,2 Dichloroethane* | 1500.00 | ND | 2000.00 | Pass |
| 1,1 Dichloroethane* | 1500.00 | ND | 8000.00 | Pass |
| Ethyl Acetate* | 1500.00 | ND | 400000.00 | Pass |
| Ethyl Ether* | 1500.00 | ND | 500000.00 | Pass |
| Ethylene Oxide* | 1500.00 | ND | 5000.00 | Pass |
| Methylene chloride* | 1500.00 | ND | 125000.00 | Pass |
| Propane* | 1500.00 | ND | 5000000.00 | Pass |
| Trichloroethylene* | 1500.00 | ND | 25000.00 | Pass |

## Pesticides



**Date of Analysis:** 10/29/2026 **Method:** LC/MS/MS

| Analyte | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|---|---|---|---|---|
| Aldicarb | 100.00 | ND | 100.00 | Pass |
| Carbofuran | 100.00 | ND | 100.00 | Pass |
| Chlordane | 100.00 | ND | 100.00 | Pass |
| Chlorfenapyr | 100.00 | ND | 100.00 | Pass |
| Chlorantraniliprole | 100.00 | ND | 100.00 | Pass |
| Chlorpyrifos | 100.00 | ND | 100.00 | Pass |
| Coumaphos | 100.00 | ND | 100.00 | Pass |
| Daminozide | 100.00 | ND | 100.00 | Pass |
| DDVP | 100.00 | ND | 100.00 | Pass |
| Dimethoate | 100.00 | ND | 100.00 | Pass |
| Ethoprophos | 100.00 | ND | 100.00 | Pass |
| Etofenprox | 100.00 | ND | 100.00 | Pass |
| Fenoxycarb | 100.00 | ND | 100.00 | Pass |
| Fipronil | 100.00 | ND | 100.00 | Pass |
| Imazalil | 100.00 | ND | 100.00 | Pass |
| Methiocarb | 100.00 | ND | 100.00 | Pass |
| Mevinphos | 100.00 | ND | 100.00 | Pass |
| Paclobutrazol | 100.00 | ND | 100.00 | Pass |
| Propoxur | 100.00 | ND | 100.00 | Pass |
| Thiacloprid | 100.00 | ND | 100.00 | Pass |
| Abamectin | 100.00 | ND | 100.00 | Pass |
| Acephate | 100.00 | ND | 100.00 | Pass |
| Acequinocyl | 100.00 | ND | 100.00 | Pass |
| Acetamiprid | 100.00 | ND | 100.00 | Pass |
| Azoxystrobin | 100.00 | ND | 100.00 | Pass |
| Bifenazate | 100.00 | ND | 100.00 | Pass |
| Bifenthrin | 100.00 | ND | 100.00 | Pass |
| Boscalid* | 100.00 | ND | 100.00 | Pass |
| Captan | 1000.00 | ND | 0.00 | Pass |
| Carbaryl | 100.00 | ND | 100.00 | Pass |
| Clofentezine | 100.00 | ND | 500.00 | Pass |
| Chlormequat Chloride | 100.00 | ND | 100.00 | Pass |
| Cyfluthrin | 100.00 | ND | 100.00 | Pass |
| Cypermethrin | 100.00 | ND | 100.00 | Pass |
| Diazinon | 100.00 | ND | 100.00 | Pass |
| Dimethomorph | 100.00 | ND | 100.00 | Pass |
| Etoxazole | 100.00 | ND | 100.00 | Pass |
| Fenhexamid | 100.00 | ND | 100.00 | Pass |
| Fenpyroximate | 100.00 | ND | 2000.00 | Pass |
| Flonicamid | 100.00 | ND | 100.00 | Pass |
| Fludioxonil | 100.00 | ND | 100.00 | Pass |
| Fluoxastrobin | 100.00 | ND | 100.00 | Pass |
| Hexythiazox | 100.00 | ND | 100.00 | Pass |
| Imidacloprid | 100.00 | ND | 100.00 | Pass |
| Kresoxim Methyl | 100.00 | ND | 100.00 | Pass |
| Malathion | 100.00 | ND | 100.00 | Pass |
| Metalaxyl | 100.00 | ND | 100.00 | Pass |
| Methomyl | 100.00 | ND | 100.00 | Pass |
| Methyl Parathion | 100.00 | ND | 100.00 | Pass |

| Analyte | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|---|---|---|---|---|
| Myclobutanil | 100.00 | ND | 100.00 | Pass |
| Naled | 100.00 | ND | 100.00 | Pass |
| Oxamyl | 100.00 | ND | 100.00 | Pass |
| PentachloronitrobenzenePCNB | 100.00 | ND | 0.00 | Pass |
| Permethrin | 100.00 | ND | 100.00 | Pass |
| Phosmet (Imidan) | 100.00 | ND | 100.00 | Pass |
| Piperonyl Butoxide | 100.00 | ND | 8000.00 | Pass |
| Prallethrin | 100.00 | ND | 100.00 | Pass |
| Propiconazole | 100.00 | ND | 100.00 | Pass |
| Pyrethrins | 100.00 | ND | 1000.00 | Pass |
| Pyridaben | 100.00 | ND | 100.00 | Pass |
| Spinetoram | 100.00 | ND | 100.00 | Pass |
| Spinosad | 100.00 | ND | 3000.00 | Pass |
| spinoxamine | 100.00 | ND | 100.00 | Pass |
| Spiromesifen | 100.00 | ND | 100.00 | Pass |
| Spirotetramat | 100.00 | ND | 100.00 | Pass |
| Tebuconazole | 100.00 | ND | 100.00 | Pass |
| Thiamethoxam | 100.00 | ND | 100.00 | Pass |
| Trifloxystrobin | 100.00 | ND | 100.00 | Pass |

## Mycotoxins

**Date of Analysis:** 10/29/2026 **Method:** LC/MS/MS

| Analyte | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|---|---|---|---|---|
| Aflatoxin G1 | 5.00 | ND | 20.00 | Pass |
| Aflatoxin G2 | 5.00 | ND | 20.00 | Pass |
| Aflatoxin B1 | 5.00 | ND | 20.00 | Pass |
| Aflatoxin B2 | 5.00 | ND | 20.00 | Pass |
| Total Aflatoxins | 20.00 | ND | 20.00 | Pass |
| Ochratoxin A | 5.00 | ND | 20.00 | Pass |

## Microbial Analysis

**Date of Analysis:** 10/25/2026 **Method:** DBRC Agar & Petrifilm

| Analyte | LOQ (CFU/g) | Results (CFU/g) | Limit (CFU/g) | Status |
|---|---|---|---|---|
| Aspergillus fumigatus | 10.00 | ND | 10.00 | Pass |
| Aspergillus flavus | 10.00 | ND | 10.00 | Pass |
| Aspergillus niger | 10.00 | ND | 10.00 | Pass |
| Aspergillus terreus | 10.00 | ND | 10.00 | Pass |
| Total Coliform | 10.00 | ND | 1000.00 | Pass |
| BTGN | 10.00 | ND | 1000.00 | Pass |
| STEC | 1.00 | ND | 1.00 | Pass |
| Salmonella | 1.00 | ND | 1.00 | Pass |
| Listeria* | 1.00 | ND | 1.00 | Pass |
| Total Yeast Mold | 10.00 | ND | 10000.00 | Pass |
| Total Aerobic Count | 10.00 | ND | 100000.00 | Pass |

## Heavy Metals



**Date of Analysis:** 10/27/2026 **Method:** ICP/MS

| Analyte | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|---|---|---|---|---|
| Cadmium | 10.00 | ND | 500.00 | Pass |
| Lead | 10.00 | ND | 500.00 | Pass |
| Arsenic | 10.00 | ND | 500.00 | Pass |
| Mercury | 10.00 | ND | 500.00 | Pass |
| Chromium | 10.00 | 580.23 | 500000.00 | Pass |

## Foreign Materials

**Date of Analysis:** 10/23/2026 **Method:**

| Analyte | Results |
|---|---|
| Foreign Materials | Negative |

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