



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

# Certificate of Analysis

Reported: July 24, 2026

## Overall Status

**Product Name:** SKU.0703-20260708 **Matrix:** Vape  
**Sample Size:** 1 g **Received:** 07/13/2026  
**Sample ID:** SAM-070926-0019



## Distributor or Microbusiness:

**Name:** Botanical Sciences LLC  
**Premises Address:** 442 Cecil Anderson Rd  
Glennville, GA 30427

**License No.:**

## Potency

**Date of Analysis:** 07/21/2026

**Method:** HPLC Cannabinoid and HPLC Impurity

| Moisture | Total THC: |         | Total CBD: |        | Total CBG: |        | Total Cannabinoids: |         |
|----------|------------|---------|------------|--------|------------|--------|---------------------|---------|
| %        | %          | mg/pkg  | %          | mg/pkg | %          | mg/pkg | %                   | mg/pkg  |
| ND       | 86.816     | 868.161 | ND         | ND     | 1.46       | 14.615 | 90.30               | 902.984 |

| Analyte | LOQ (%) | Results (%) | Results (mg/g) | Results (mg/srv) | Results (mg/pkg) |
|---------|---------|-------------|----------------|------------------|------------------|
| CBD     | 0.05    | ND          | ND             | ND               | ND               |
| CBDV    | 0.05    | ND          | ND             | ND               | ND               |
| CBDA    | 0.05    | ND          | ND             | ND               | ND               |
| CBC     | 0.05    | 0.42        | 4.22           | 4.22             | 4.22             |
| CBCA    | 0.05    | 0.82        | 8.23           | 8.23             | 8.23             |
| CBG     | 0.05    | 1.46        | 14.62          | 14.62            | 14.62            |
| CBGA    | 0.05    | ND          | ND             | ND               | ND               |
| CBN     | 0.05    | 0.88        | 8.77           | 8.77             | 8.77             |
| Δ9-THC  | 0.05    | 70.47       | 704.74         | 704.74           | 704.74           |
| Δ8-THC  | 0.05    | ND          | ND             | ND               | ND               |
| THCA    | 0.05    | 18.63       | 186.34         | 186.34           | 186.34           |
| THCV    | 0.05    | ND          | ND             | ND               | ND               |

Vape Contaminants

Date of Analysis: 07/24/2026

Method: Vape Contaminants HPLC

| Analyte            | LOQ (mg/kg) | Results (mg/kg) | Limit (mg/kg) | Status |
|--------------------|-------------|-----------------|---------------|--------|
| Vitamin E Acetate* | 5000.00     | ND              | 5000.00       | Pass   |
| Diacetyl*          | 5000.00     | ND              | 5000.00       | Pass   |

Residual Solvents

Date of Analysis: 07/24/2026

Method: GC/MS headspace

| Analyte               | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|-----------------------|-----------|---------------|-------------|--------|
| Carbon-Tetrachloride  | 150.00    | ND            | 5000000.00  | Pass   |
| Methanol              | 15000.00  | ND            | 800000.00   | Pass   |
| Pentane               | 1500.00   | ND            | 5000000.00  | Pass   |
| Ethanol               | 1500.00   | ND            | 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            | 100000.00   | Pass   |
| Chloroform*           | 150.00    | ND            | 1000.00     | Pass   |
| Benzene               | 150.00    | ND            | 1000.00     | Pass   |
| Heptane               | 150.00    | ND            | 500000.00   | 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            | 800000.00   | 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: 07/24/2026

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    | <LOQ          | 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 | Page 4 of 5 |
|-----------------------------|-----------|---------------|-------------|--------|-------------|
| 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: 07/16/2026

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:

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   |

## Foreign Materials

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Date of Analysis: 07/16/2026

Method:

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

## Heavy Metals

Date of Analysis: 07/20/2026

Method: ICP/MS

| Analyte  | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|----------|-----------|---------------|-------------|--------|
| Cadmium  | 10.00     | ND            | 200.00      | Pass   |
| Lead     | 10.00     | ND            | 500.00      | Pass   |
| Arsenic  | 10.00     | ND            | 200.00      | Pass   |
| Mercury  | 10.00     | ND            | 200.00      | Pass   |
| Chromium | 10.00     | 147.58        | 500000.00   | Pass   |



This report is for quality assurance only. Values reported relate only to sample tested. Sample was tested as received from client. SJ Labs and Analytics, LLC makes no claims of safety or risk associated with detected or non detected level for any compounds reported herein. Overall Pass/Fail status is determined with upper limits listed by each analyte, except Potency, for which the decision rule for passing is if the Total THC < 0.3304. Level of Uncertainty will be provided upon request. The analytes and assays included in this report are ISO/IEC 17025:2017 Accredited via PjLA (Accreditation No. 116065), except those analytes denoted by (\*). This certificate shall not be reproduced except in full, without written consent from SJ Labs and Analytics, LLC.