



**Smithers CTS NJ LLC**  
16000 Horizon Way, Suite 700  
Mount Laurel, NJ 08054  
License #: TL000005  
Accreditation #: 103104  
Certificate #: L22-543-4-R2



**Customer:** Green Group Grows NJ LLC

**Address:**

18 Old New York Rd  
Tuckerton NJ 08087

**Phone:** 609-899-3063

**License #:** C000158



**Sample ID:** 29777  
**Sample Name:** Dirty Secret A Buds  
**Sample Strain:** Dirty Secret  
**Sample Type:** Flower  
**Sampling Date:** 06/24/2025  
**Sampling Method:** 206.04  
**Report Date:** 06/26/2025  
**METRC ID:** 1A4110300006D61000000058  
**METRC Source ID:**  
1A4110300006D61000000056  
**Client Batch ID:** N/A  
**Client Batch Size:** 3548 grams  
**Sample Size:** 18 grams

## Certificate of Analysis



### Results Summary

**Cannabinoids** TESTED

06/26/2025

**Moisture** TESTED

06/26/2025

**Foreign Material** PASS

06/24/2025

**Water Activity** PASS

06/24/2025

**Heavy Metals** PASS

06/26/2025

**Microbial Impurities** PASS

06/26/2025

**Pathogens** PASS

06/25/2025

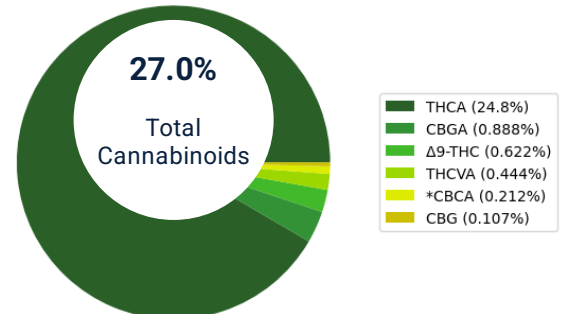
**Pesticides & Mycotoxins** PASS

06/26/2025

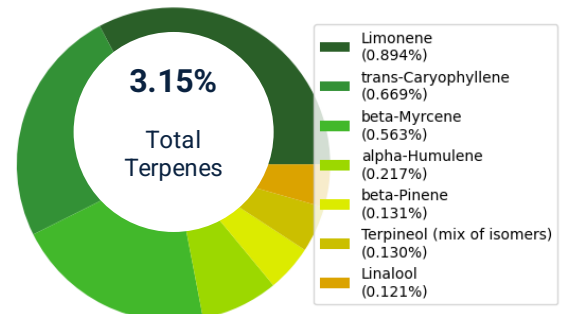
**Terpenes** TESTED

06/26/2025

### Cannabinoid Distribution (%)



### Terpene Distribution (%)



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# Certificate of Analysis

## Cannabinoids

**Date Started:** 06/25/2025  
**Instrument:** HPLC

**Date Completed:** 06/26/2025  
**Method:** TP-10.001.01 & TP-10.002.01

**Analyst:** Kevin Stevens  
**Deviation:** N/A

| Cannabinoid               | Result (%)     | Result (mg/g)  | LOD (%) | LOQ (%) |
|---------------------------|----------------|----------------|---------|---------|
| THCA                      | 24.8           | 248            | 0.0113  | 0.0372  |
| CBGA                      | 0.888          | 8.88           | 0.0113  | 0.0372  |
| Δ9-THC                    | 0.622          | 6.22           | 0.0226  | 0.0744  |
| THCVA                     | 0.444          | 4.44           | 0.0113  | 0.0372  |
| *CBCA                     | 0.212          | 2.12           | 0.0226  | 0.0744  |
| CBG                       | 0.107          | 1.07           | 0.0113  | 0.0372  |
| CBDA                      | <LOQ           | <LOQ           | 0.0113  | 0.0372  |
| CBDVA                     | ND             | ND             | 0.0113  | 0.0372  |
| CBDV                      | ND             | ND             | 0.0113  | 0.0372  |
| CBD                       | ND             | ND             | 0.0113  | 0.0372  |
| Δ9-THCV                   | ND             | ND             | 0.0113  | 0.0372  |
| CBN                       | ND             | ND             | 0.0113  | 0.0372  |
| *CBNA                     | ND             | ND             | 0.0113  | 0.0372  |
| Δ8-THC                    | ND             | ND             | 0.0226  | 0.0744  |
| CBL                       | ND             | ND             | 0.0226  | 0.0744  |
| CBC                       | ND             | ND             | 0.0113  | 0.0372  |
| <b>Total THC</b>          | <b>22.3</b>    | <b>223</b>     |         |         |
| <b>Total CBD</b>          | <b>&lt;LOQ</b> | <b>&lt;LOQ</b> |         |         |
| <b>Total Cannabinoids</b> | <b>27.0</b>    | <b>270</b>     |         |         |

\*CBCA and CBNA are not currently included on the ISO 17025 accreditation scope

**Total THC** = Δ9-THC + Δ8-THC + (THCA x 0.877)

**Total CBD** = CBD + (CBDA x 0.877)

**Total Cannabinoids** = Sum of all cannabinoids without THC/CBD corrections.

**LOD** = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

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## Terpenes

**Date Started:** 06/25/2025  
**Instrument:** GC-FID

**Date Completed:** 06/26/2025  
**Method:** TP-10.004.02

**Analyst:** Bailey Garden  
**Deviation:** N/A

| Terpene                    | Result (%) | Result (mg/g) | LOD (%) | LOQ (%) |
|----------------------------|------------|---------------|---------|---------|
| Limonene                   | 0.894      | 8.94          | 0.0104  | 0.0209  |
| trans-Caryophyllene        | 0.669      | 6.69          | 0.0104  | 0.0209  |
| beta-Myrcene               | 0.563      | 5.63          | 0.0104  | 0.0209  |
| alpha-Humulene             | 0.217      | 2.17          | 0.0104  | 0.0209  |
| beta-Pinene                | 0.131      | 1.31          | 0.0104  | 0.0209  |
| Terpineol (mix of isomers) | 0.130      | 1.30          | 0.0104  | 0.0209  |
| Linalool                   | 0.121      | 1.21          | 0.0104  | 0.0209  |
| Endo-Fenchyl Alcohol       | 0.116      | 1.16          | 0.0104  | 0.0209  |
| alpha-Pinene               | 0.0743     | 0.743         | 0.0104  | 0.0209  |
| alpha-Bisabolol            | 0.0679     | 0.679         | 0.0104  | 0.0209  |
| cis-Nerolidol              | 0.0655     | 0.655         | 0.0104  | 0.0209  |
| Geranyl Acetate            | 0.0469     | 0.469         | 0.0104  | 0.0209  |
| Camphene                   | 0.0268     | 0.268         | 0.0104  | 0.0209  |
| Borneol (mix of isomers)   | 0.0236     | 0.236         | 0.0104  | 0.0209  |
| trans-Nerolidol            | <LOQ       | <LOQ          | 0.0104  | 0.0209  |
| Carophyllene Oxide         | <LOQ       | <LOQ          | 0.0104  | 0.0209  |
| Terpinolene                | ND         | ND            | 0.0104  | 0.0209  |
| Cedrol                     | ND         | ND            | 0.0104  | 0.0209  |
| Fenchone (mix of isomers)  | ND         | ND            | 0.0104  | 0.0209  |
| Geraniol                   | ND         | ND            | 0.0104  | 0.0209  |
| Isoborneol                 | ND         | ND            | 0.0104  | 0.0209  |
| Valencene                  | ND         | ND            | 0.0104  | 0.0209  |
| trans-Ocimene              | ND         | ND            | 0.0104  | 0.0209  |
| cis-Ocimene                | ND         | ND            | 0.0104  | 0.0209  |
| Nerol                      | ND         | ND            | 0.0104  | 0.0209  |
| Sabinene Hydrate           | ND         | ND            | 0.0104  | 0.0209  |
| Hexahydrothymol            | ND         | ND            | 0.0104  | 0.0209  |
| Pulegone (+)               | ND         | ND            | 0.0104  | 0.0209  |
| p-Mentha-1,5-diene         | ND         | ND            | 0.0104  | 0.0209  |
| 3-Carene                   | ND         | ND            | 0.0104  | 0.0209  |
| alpha-Terpinene            | ND         | ND            | 0.0104  | 0.0209  |
| Eucalyptol                 | ND         | ND            | 0.0104  | 0.0209  |
| gamma-Terpinene            | ND         | ND            | 0.0104  | 0.0209  |
| Isopulegol                 | ND         | ND            | 0.0104  | 0.0209  |
| Camphor (mix of isomers)   | ND         | ND            | 0.0104  | 0.0209  |
| alpha-Cedrene              | ND         | ND            | 0.0104  | 0.0209  |
| Guaiol                     | ND         | ND            | 0.0104  | 0.0209  |

## Moisture

**Date Started:** 06/26/2025  
**Instrument:** Moisture Analyzer

**Date Completed:** 06/26/2025  
**Method:** TP-10.003.01

**Analyst:** Kevin Stevens  
**Deviation:** N/A

| Analyte  | Result (%) |
|----------|------------|
| Moisture | 9.1        |

## Foreign Material

✓ PASS

**Date Started:** 06/24/2025  
**Instrument:** Magnifying Glass

**Date Completed:** 06/24/2025  
**Method:** TP-10.012.01

**Analyst:** Kyle Zbikowski  
**Deviation:** N/A

| Foreign Materials          | Status |
|----------------------------|--------|
| Foreign Materials Analysis | Pass   |

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### Water Activity

✓ PASS

**Date Started:** 06/24/2025  
**Instrument:** Water Activity Meter

**Date Completed:** 06/24/2025  
**Method:** TP-10.009.01

**Analyst:** Kyle Zbikowski  
**Deviation:** N/A

| Water Activity | Result (Aw) | Limit (Aw) | Status |
|----------------|-------------|------------|--------|
| Water Activity | 0.566       | 0.65       | Pass   |

### Heavy Metals

✓ PASS

**Date Started:** 06/25/2025  
**Instrument:** ICP-MS

**Date Completed:** 06/26/2025  
**Method:** TP-10.007.01

**Analyst:** Kevin Stevens  
**Deviation:** N/A

| Heavy Metals | Result (ppb) | LOD (ppb) | LOQ (ppb) | Limit (ppb) | Status |
|--------------|--------------|-----------|-----------|-------------|--------|
| Arsenic      | ND           | 21.8      | 71.8      | 400         | Pass   |
| Cadmium      | ND           | 21.8      | 71.8      | 400         | Pass   |
| Lead         | <LOQ         | 21.8      | 71.8      | 1000        | Pass   |
| Mercury      | ND           | 11.1      | 35.9      | 200         | Pass   |
| Chromium     | <LOQ         | 21.8      | 71.8      | 600         | Pass   |

### Microbial Impurities

✓ PASS

**Date Started:** 06/24/2025  
**Instrument:** 3M Petrifilm

**Date Completed:** 06/26/2025  
**Method:** TP-10.010.01

**Analyst:** Bailey Carden  
**Deviation:** N/A

| Microbials             | Result (CFU/g) | Limit (CFU/g) | Status |
|------------------------|----------------|---------------|--------|
| Total Yeast & Mold     | 19.1           | 100000        | Pass   |
| Total Aerobic Bacteria | ND             | 100000        | Pass   |
| E. coli                | ND             | 1.00          | Pass   |

### Pathogens

✓ PASS

**Date Started:** 06/24/2025  
**Instrument:** qPCR

**Date Completed:** 06/25/2025  
**Method:** TP-10.011.01

**Analyst:** Bailey Carden  
**Deviation:** N/A

| Pathogens  | Result (CFU/g) | Limit (CFU/g) | Status |
|------------|----------------|---------------|--------|
| Salmonella | ND             | ND            | Pass   |

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## Pesticides & Mycotoxins

**PASS****Date Started:** 06/25/2025**Instrument:** LC-MS/MS**Date Completed:** 06/26/2025**Method:** TP-10.008.01**Analyst:** Braden Wachtmann-Smoot**Deviation:** N/A

| Analyte             | Result (ppb) | LOD (ppb) | LOQ (ppb) | Limit (ppb) | Status |
|---------------------|--------------|-----------|-----------|-------------|--------|
| Acetamiprid         | ND           | 2.66      | 8.79      | 200         | Pass   |
| Abamectin           | ND           | 5.80      | 19.1      | 500         | Pass   |
| Aldicarb            | ND           | 5.32      | 17.6      | 400         | Pass   |
| Ancymidol           | ND           | 6.66      | 22.0      | 200         | Pass   |
| Azoxystrobin        | ND           | 2.66      | 8.79      | 200         | Pass   |
| Bifenazate          | ND           | 2.66      | 8.79      | 200         | Pass   |
| Bifenthrin          | ND           | 6.66      | 22.0      | 200         | Pass   |
| Boscalid            | ND           | 13.3      | 44.0      | 400         | Pass   |
| Carbaryl            | ND           | 2.66      | 8.79      | 200         | Pass   |
| Carbofuran          | ND           | 2.66      | 8.79      | 200         | Pass   |
| Chlorantraniliprole | ND           | 2.66      | 8.79      | 200         | Pass   |
| Chlorpyrifos        | ND           | 6.66      | 22.0      | 200         | Pass   |
| Clofentezine        | ND           | 6.66      | 22.0      | 200         | Pass   |
| Cyfluthrin          | ND           | 133       | 440       | 1000        | Pass   |
| Daminozide          | ND           | 6.66      | 22.0      | 1000        | Pass   |
| Dichlorvos          | ND           | 6.66      | 22.0      | 100         | Pass   |
| Diazinon            | ND           | 2.66      | 8.79      | 200         | Pass   |
| Dimethoate          | ND           | 2.66      | 8.79      | 200         | Pass   |
| Ethephon            | ND           | 208       | 687       | 1000        | Pass   |
| Etoxazole           | ND           | 2.66      | 8.79      | 200         | Pass   |
| Fenpyroximate       | ND           | 5.32      | 17.6      | 500         | Pass   |
| Fipronil            | ND           | 2.66      | 8.79      | 400         | Pass   |
| Flonicamid          | ND           | 5.32      | 17.6      | 1000        | Pass   |
| Fludioxonil         | ND           | 2.66      | 8.79      | 400         | Pass   |
| Flurprimidol        | ND           | 6.66      | 22.0      | 200         | Pass   |
| Hexythiazox         | ND           | 5.32      | 17.6      | 1000        | Pass   |
| Imazalil            | ND           | 6.66      | 22.0      | 200         | Pass   |
| Imidacloprid        | ND           | 33.4      | 110       | 400         | Pass   |
| Kresoxim-methyl     | ND           | 2.66      | 8.79      | 400         | Pass   |
| Malathion           | ND           | 13.3      | 44.0      | 200         | Pass   |
| Metaxyl             | ND           | 2.66      | 8.79      | 200         | Pass   |
| Methiocarb          | ND           | 2.66      | 8.79      | 200         | Pass   |
| Methomyl            | ND           | 2.66      | 8.79      | 400         | Pass   |
| Myclobutanil        | ND           | 6.66      | 22.0      | 200         | Pass   |
| Naled               | ND           | 6.66      | 22.0      | 500         | Pass   |
| Oxamyl              | ND           | 2.66      | 8.79      | 1000        | Pass   |
| Paclobutrazol       | ND           | 2.66      | 8.79      | 400         | Pass   |
| Permethrin          | ND           | 6.66      | 22.0      | 500         | Pass   |
| Phosmet             | ND           | 6.66      | 22.0      | 200         | Pass   |
| Piperonyl butoxide  | ND           | 2.66      | 8.79      | 1000        | Pass   |
| Propiconazole       | ND           | 6.66      | 22.0      | 400         | Pass   |
| Pyrethrins          | ND           | 17.7      | 58.5      | 1000        | Pass   |
| Spinosad            | ND           | 11.3      | 37.1      | 200         | Pass   |
| Spiromesifen        | ND           | 2.66      | 8.79      | 200         | Pass   |
| Spirotetramat       | ND           | 6.66      | 22.0      | 200         | Pass   |
| Thiacloprid         | ND           | 2.66      | 8.79      | 200         | Pass   |
| Thiamethoxam        | ND           | 2.66      | 8.79      | 200         | Pass   |
| Trifloxystrobin     | ND           | 2.66      | 8.79      | 200         | Pass   |
| Aflatoxin B1        | ND           | 2.66      | 8.79      | 20.0        | Pass   |
| Aflatoxin B2        | ND           | 2.66      | 8.79      | 20.0        | Pass   |
| Aflatoxin G1        | ND           | 2.66      | 8.79      | 20.0        | Pass   |
| Aflatoxin G2        | ND           | 2.66      | 8.79      | 20.0        | Pass   |
| Ochratoxin A        | ND           | 2.66      | 8.79      | 20.0        | Pass   |

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Braden Wachtmann-Smoot,  
Laboratory Manager  
06/26/2025

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