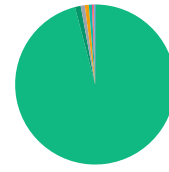


**Gush Mintz**

 Sample ID: QA202605227061  
 Matrix: Dried Flower  
 Sample Size: 1g

 Collected: 2026-05-22  
 Received: 2026-05-22  
 Completed: 2026-05-28  
 Batch #: TFF-0522-13

 Client:  
**Flora Distribution Group LLC**  
 4111 Rose Lake Dr, Charlotte, NC, 28217  
 Lic #: USDA\_37\_0979

**Cannabinoid Distribution**


- THCa: 29.56%
- CBGa: 0.36%
- CBCa: 0.25%
- D9-THC: 0.25%
- CBG: 0.19%
- CBC: 0.07%

**Cannabinoids**

Complete

| Analyte                   | LOD mg/g | LOQ mg/g | Result %     | Result mg/g |
|---------------------------|----------|----------|--------------|-------------|
| D9-THC                    | 0.01     | 0.02     | 0.25         | 2.52        |
| D8-THC                    | 0.01     | 0.02     | ND           | ND          |
| THCa                      | 0.01     | 0.02     | 29.56        | 295.63      |
| THCP                      | 0.01     | 0.02     | ND           | ND          |
| THCV                      | 0.01     | 0.02     | 0.04         | 0.38        |
| CBD                       | 0.01     | 0.02     | ND           | ND          |
| CBDa                      | 0.01     | 0.02     | 0.04         | 0.45        |
| CBG                       | 0.01     | 0.02     | 0.19         | 1.91        |
| CBGa                      | 0.01     | 0.02     | 0.36         | 3.58        |
| CBN                       | 0.01     | 0.02     | 0.05         | 0.48        |
| CBC                       | 0.01     | 0.02     | 0.07         | 0.70        |
| CBCa                      | 0.01     | 0.02     | 0.25         | 2.53        |
| <b>Total THC</b>          |          |          | <b>29.81</b> | 298.10      |
| <b>Total CBD</b>          |          |          | <b>0.04</b>  | 0.40        |
| <b>Total Cannabinoids</b> |          |          | <b>30.82</b> | 308.20      |

**29.56%**  
THCa

**0.36%**  
CBGa

**0.25%**  
CBCa

**0.25%**  
D9-THC

**Summary**

| Test         | Date       | Result   |
|--------------|------------|----------|
| Batch        | 2026-05-28 | Complete |
| Cannabinoids | 2026-05-28 | Complete |
| Moisture     | 2026-05-28 | 8.30%    |

**Methodology & Quality Control**

Total THC = D9-THC + 0.877 × THCa. Total CBD = CBD + 0.877 × CBDa. Total Cannabinoids = Sum of individual cannabinoids detected. Testing performed using validated HPLC-UV/MS methods per ISO 17025 standards. Unless otherwise stated, all quality control samples performed within specifications. This Certificate applies only to the sample(s) tested and is not a declaration of product safety, efficacy, or regulatory compliance.



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*Sarah Mitchell*

**Sarah Mitchell**  
 Laboratory Director  
 2026-05-28  
 Page 1 of 5

## Gush Mintz

Sample ID: QA202605227061  
Matrix: Dried Flower

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Flora Distribution Group LLC  
4111 Rose Lake Dr, Charlotte, NC, 28217  
Lic #: USDA\_37\_0979

### Test Result

**PASS**

### ✓ All Safety Tests Passed

This sample has been tested for microbial contaminants, heavy metals, and mycotoxins. All results are within acceptable limits as defined by state regulations and industry standards.

## Microbial Contaminants

Pass

| Test                        | Result | Limit | Status |
|-----------------------------|--------|-------|--------|
| E. coli                     | ND     | ND    | Pass   |
| Salmonella                  | ND     | ND    | Pass   |
| Total Coliforms             | ND     | 100   | Pass   |
| Aspergillus niger           | ND     | ND    | Pass   |
| Aspergillus flavus          | ND     | ND    | Pass   |
| Total Yeast & Mold          | ND     | 1000  | Pass   |
| Aspergillus terreus         | ND     | ND    | Pass   |
| Total Aerobic Count         | 1068   | 10000 | Pass   |
| Aspergillus fumigatus       | ND     | ND    | Pass   |
| Bile-Tolerant Gram-Negative | ND     | 100   | Pass   |

## Heavy Metals Analysis

Pass

| Analyte      | LOD   | LOQ  | Result | Limit | Status |
|--------------|-------|------|--------|-------|--------|
| Lead (Pb)    | 0.02  | 0.05 | ND     | <0.5  | Pass   |
| Arsenic (As) | 0.02  | 0.05 | ND     | <0.2  | Pass   |
| Cadmium (Cd) | 0.02  | 0.05 | ND     | <0.2  | Pass   |
| Mercury (Hg) | 0.005 | 0.02 | ND     | <0.1  | Pass   |

## Mycotoxins

Pass

| Analyte      | LOD | LOQ | Result | Limit | Status |
|--------------|-----|-----|--------|-------|--------|
| Aflatoxin B1 | 1   | 5   | ND     | <20   | Pass   |
| Aflatoxin B2 | 1   | 5   | ND     | <20   | Pass   |
| Aflatoxin G1 | 1   | 5   | ND     | <20   | Pass   |
| Aflatoxin G2 | 1   | 5   | ND     | <20   | Pass   |
| Ochratoxin A | 1   | 5   | ND     | <20   | Pass   |

## Methodology & Quality Control

All safety and compliance testing is performed in accordance with ISO 17025 accredited laboratory standards. Heavy metals via ICP-MS. Microbial via qPCR. Solvents via HS-GC-MS. Mycotoxins via LC-MS/MS. ND = Not Detected (below Limit of Detection).



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*Sarah Mitchell*

**Sarah Mitchell**  
Laboratory Director  
2026-05-28

## Gush Mintz

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4111 Rose Lake Dr, Charlotte, NC, 28217  
Lic #: USDA\_37\_0979

### Test Result

**PASS**

### ✓ All Pesticide Tests Passed

Category I pesticides are banned substances with zero tolerance. Any detection of these pesticides results in automatic failure and product cannot be sold.

**CATEGORY I** Zero Tolerance - 22 Analytes Any detection = FAIL

## Pesticide Analysis - 66 Analytes

Pass

Method: LC-MS/MS | LOD: 0.005-0.05 ppm | LOQ: 0.01-0.1 ppm

| Analyte           | Result | Status |
|-------------------|--------|--------|
| Aldicarb          | ND     | Pass   |
| Carbofuran        | ND     | Pass   |
| Chlordane         | ND     | Pass   |
| Chlorfenapyr      | ND     | Pass   |
| Chlorpyrifos      | ND     | Pass   |
| Coumaphos         | ND     | Pass   |
| Daminozide        | ND     | Pass   |
| DDVP (Dichlorvos) | ND     | Pass   |
| Dimethoate        | ND     | Pass   |
| Ethoprophos       | ND     | Pass   |
| Etofenprox        | ND     | Pass   |

| Analyte                 | Result | Status |
|-------------------------|--------|--------|
| Fenoxycarb              | ND     | Pass   |
| Fipronil                | ND     | Pass   |
| Imazalil                | ND     | Pass   |
| Methiocarb              | ND     | Pass   |
| Mevinphos               | ND     | Pass   |
| Paclobutrazol           | ND     | Pass   |
| Parathion-methyl        | ND     | Pass   |
| Pentachloronitrobenzene | ND     | Pass   |
| Propoxur                | ND     | Pass   |
| Spiroxamine             | ND     | Pass   |
| Thiacloprid             | ND     | Pass   |

### Methodology & Quality Control

Comprehensive pesticide screening performed using LC-MS/MS in accordance with ISO 17025 standards. Category I pesticides are banned substances with zero tolerance. Category II pesticides have established action levels. All results in ppm. ND = Not Detected.



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Test Result

**PASS**

### ✓ All Pesticide Tests Passed

Category II pesticides have established action levels. Results must be below the regulatory limits shown. These pesticides are restricted but allowed at specified concentrations.

#### CATEGORY II Action Level - 44 Analytes Must be below established limits

| Analyte             | Result | Status |
|---------------------|--------|--------|
| Abamectin           | ND     | Pass   |
| Acephate            | ND     | Pass   |
| Acequinocyl         | ND     | Pass   |
| Acetamiprid         | ND     | Pass   |
| Azoxystrobin        | ND     | Pass   |
| Bifenazate          | ND     | Pass   |
| Bifenthrin          | ND     | Pass   |
| Boscalid            | ND     | Pass   |
| Captan              | ND     | Pass   |
| Carbaryl            | ND     | Pass   |
| Chlorantraniliprole | ND     | Pass   |
| Clofentezine        | ND     | Pass   |
| Cyfluthrin          | ND     | Pass   |
| Cypermethrin        | ND     | Pass   |
| Diazinon            | ND     | Pass   |
| Dimethomorph        | ND     | Pass   |
| Etoxazole           | ND     | Pass   |
| Fenhexamid          | ND     | Pass   |
| Fenpyroximate       | ND     | Pass   |
| Flonicamid          | ND     | Pass   |
| Fludioxonil         | ND     | Pass   |
| Hexythiazox         | ND     | Pass   |

| Analyte            | Result | Status |
|--------------------|--------|--------|
| Imidacloprid       | ND     | Pass   |
| Kresoxim-methyl    | ND     | Pass   |
| Malathion          | ND     | Pass   |
| Metalaxyl          | ND     | Pass   |
| Methomyl           | ND     | Pass   |
| Myclobutanil       | ND     | Pass   |
| Naled              | ND     | Pass   |
| Oxamyl             | ND     | Pass   |
| Permethrin         | ND     | Pass   |
| Phosmet            | ND     | Pass   |
| Piperonyl Butoxide | ND     | Pass   |
| Prallethrin        | ND     | Pass   |
| Propiconazole      | ND     | Pass   |
| Pyrethrins         | ND     | Pass   |
| Pyridaben          | ND     | Pass   |
| Spinetoram         | ND     | Pass   |
| Spinosad           | ND     | Pass   |
| Spiromesifen       | ND     | Pass   |
| Spirotetramat      | ND     | Pass   |
| Tebuconazole       | ND     | Pass   |
| Thiamethoxam       | ND     | Pass   |
| Trifloxystrobin    | ND     | Pass   |

### Methodology & Quality Control

Comprehensive pesticide screening performed using LC-MS/MS in accordance with ISO 17025 standards. Category I pesticides are banned substances with zero tolerance. Category II pesticides have established action levels. All results in ppm. ND = Not Detected.



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**Gush Mintz**

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**Test Result**
**PASS**
**✓ All Solvent Tests Passed**

Residual solvents testing per USP &lt;467&gt; standards. Class 1 solvents (carcinogens) have strict limits. Class 2/3 solvents have higher allowable limits. All results in ppm (parts per million).

**USP <467> Residual Solvents - 14 Analytes** HS-GC-MS Analysis

| Solvent       | Result (ppm) | Limit (ppm) |
|---------------|--------------|-------------|
| Acetone       | <LOQ         | 5000        |
| Benzene       | <LOQ         | 2           |
| Butane        | <LOQ         | 5000        |
| Chloroform    | <LOQ         | 2           |
| Ethanol       | <LOQ         | 5000        |
| Ethyl Acetate | <LOQ         | 5000        |
| Heptane       | <LOQ         | 5000        |

| Solvent           | Result (ppm) | Limit (ppm) |
|-------------------|--------------|-------------|
| Hexane            | <LOQ         | 290         |
| Isopropyl Alcohol | <LOQ         | 5000        |
| Methanol          | <LOQ         | 3000        |
| Pentane           | <LOQ         | 5000        |
| Propane           | <LOQ         | 5000        |
| Toluene           | <LOQ         | 890         |
| Xylene            | <LOQ         | 2170        |

**Methodology & Quality Control**

Comprehensive pesticide screening performed using LC-MS/MS in accordance with ISO 17025 standards. Category I pesticides are banned substances with zero tolerance. Category II pesticides have established action levels. All results in ppm. ND = Not Detected.



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