

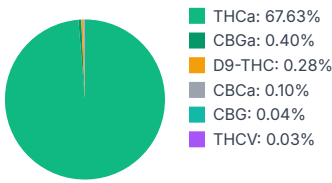
Double Cup

Sample ID: QA202609178748  
Matrix: Infused Flower  
Sample Size: 1g

Collected: 2026-09-16  
Received: 2026-09-17  
Completed: 2026-09-23  
Batch #: TSF-0916-62

Client: Flora Distribution Group LLC  
Lic #: USDA\_37\_0979

Cannabinoid Distribution



Cannabinoids

Complete

| Analyte            | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|--------------------|----------|----------|----------|-------------|
| D9-THC             | 0.01     | 0.02     | 0.28     | 2.80        |
| D8-THC             | 0.01     | 0.02     | ND       | ND          |
| THCa               | 0.01     | 0.02     | 67.63    | 676.32      |
| THCP               | 0.01     | 0.02     | ND       | ND          |
| THCV               | 0.01     | 0.02     | 0.03     | 0.30        |
| CBD                | 0.01     | 0.02     | ND       | ND          |
| CBDa               | 0.01     | 0.02     | 0.01     | 0.15        |
| CBG                | 0.01     | 0.02     | 0.04     | 0.41        |
| CBGa               | 0.01     | 0.02     | 0.40     | 3.96        |
| CBN                | 0.01     | 0.02     | 0.02     | 0.23        |
| CBC                | 0.01     | 0.02     | 0.03     | 0.29        |
| CBCa               | 0.01     | 0.02     | 0.10     | 0.98        |
| Total THC          |          |          | 59.59    | 595.90      |
| Total CBD          |          |          | 0.01     | 0.10        |
| Total Cannabinoids |          |          | 68.54    | 685.40      |

67.63%  
THCa

0.40%  
CBGa

0.28%  
D9-THC

0.10%  
CBCa

Summary

| Test          | Date       | Result   |
|---------------|------------|----------|
| Batch         | 2026-09-23 | Complete |
| Cannabi-noids | 2026-09-23 | Complete |
| Moisture      | 2026-09-23 | 10.50%   |

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

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Laboratory Director  
2026-09-23  
Page 1 of 5

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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         | 1472   | 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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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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Test Result

PASS

✓ All Solvent Tests Passed

Residual solvents testing per USP <467> 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 AnalytesHS-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

Residual solvents analysis performed using HS-GC-MS in accordance with USP <467> and ISO 17025 standards. Results are reported in ppm; <LOQ means below the limit of quantitation.



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