



Certificate of Analysis

Groove Solventless

Sample: 2505FID2756.13786

Strain: Blueberry Muffin

Batch #: 2; Lot #: 101

METRC Batch: 1A408010000CABD000001083; METRC Sample: 1A4080100013EC1000010706

Analysis Initiated: 05/20/2025; Report Created: 05/30/2025

Sampling SOP: SOP-0050

Blueberry Muffin Flower (HB101) (1083)

Plant, Flower - Cured, Indoor

Harvest/Production Date: 04/25/2025



27.13%

Total Potential
Psychoactive THC

0.07%

Total CBD

Pass

Foreign Matter

30.90%

Total Raw THC

31.75%

Total Cannabinoids

Pass

8.47%

Moisture

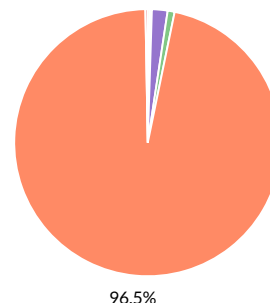
Cannabinoids

Pass

Analytical Calibration Batch: Cannabinoids AF 05282025

| Analyte | LOQ | Mass | Mass |
|-----------------|------|--------------|--------------|
| | % | % | mg/g |
| THCa | 0.05 | 30.63 | 306.3 |
| Δ^9 -THC | 0.05 | 0.27 | 2.7 |
| THCVa | 0.05 | 0.09 | 0.9 |
| THCV | 0.05 | ND | ND |
| CBDa | 0.05 | 0.08 | 0.8 |
| CBD | 0.05 | ND | ND |
| CBN | 0.05 | ND | ND |
| CBGa | 0.05 | 0.60 | 6.0 |
| CBG | 0.05 | 0.07 | 0.7 |
| CBC | 0.05 | ND | ND |
| Total | | 31.75 | 317.5 |

CBDa CBG CBGa Δ^9 -THC
THCa THCVa



Total Potential Psychoactive THC = THCa * 0.877 + Δ^9 -THC | Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected.

SOP-0041: Full spectrum cannabinoid analysis by High Performance Liquid Chromatography with UV detection (HPLC-UV). Reported result is based on sample dry weight. SOP-0035: Foreign matter inspection includes but is not limited to hair, insects, stems, seeds, and feces. SOP-0036: Moisture analysis. Testing listed above may not be included in our current PJLA scope of accreditation. Please consult PJLA Certificate# 102722 for a list of current accredited tests.



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<http://www.fidimt.com>
License # L-100170-003



Accredited to ISO/IEC 17025:2017
Accreditation #: 102722

Andre Umansky
Laboratory Director

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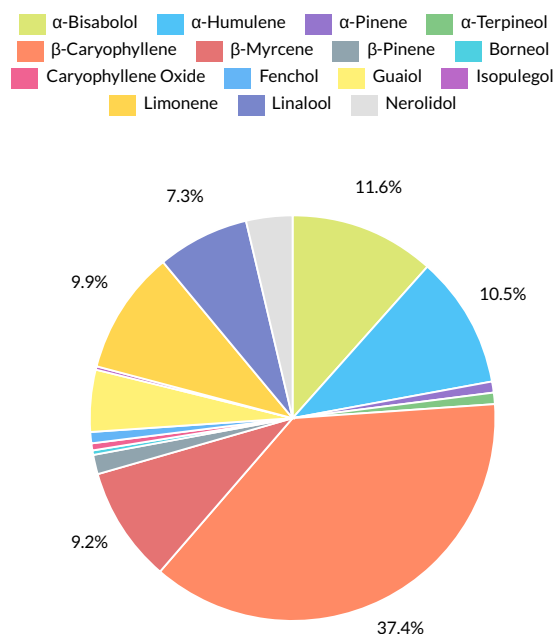
Harvest/Production Date: 04/25/2025



Terpenes

Analytical Calibration Batch: Terpenes 03112025

| Analyte | LOQ | Result | Result |
|---------------------|-------|--------|--------|
| | % | % | mg/g |
| β-Caryophyllene | 0.008 | 1.198 | 11.98 |
| α-Bisabolol | 0.008 | 0.370 | 3.70 |
| α-Humulene | 0.008 | 0.337 | 3.37 |
| Limonene | 0.008 | 0.315 | 3.15 |
| β-Myrcene | 0.008 | 0.295 | 2.95 |
| Linalool | 0.008 | 0.235 | 2.35 |
| Guaiol | 0.008 | 0.158 | 1.58 |
| Nerolidol | | 0.118 | 1.18 |
| β-Pinene | 0.008 | 0.050 | 0.50 |
| α-Terpeneol | 0.005 | 0.029 | 0.29 |
| Fenchol | 0.003 | 0.029 | 0.29 |
| α-Pinene | 0.008 | 0.028 | 0.28 |
| Caryophyllene Oxide | 0.008 | 0.018 | 0.18 |
| Borneol | 0.003 | 0.011 | 0.11 |
| Isopulegol | 0.008 | 0.009 | 0.09 |
| α-Phellandrene | 0.003 | ND | ND |
| α-Terpinene | 0.008 | ND | ND |
| β-Humulene | | NR | NR |
| Camphene | 0.008 | <LOQ | <LOQ |
| δ-3-Carene | 0.008 | ND | ND |
| Eucalyptol | 0.008 | ND | ND |
| γ-Terpinene | 0.008 | ND | ND |
| Geraniol | 0.008 | ND | ND |
| Geranyl Acetate | 0.003 | ND | ND |
| Ocimene | 0.008 | ND | ND |
| p-Cymene | 0.008 | ND | ND |
| Terpinolene | 0.008 | ND | ND |
| Total | | 3.200 | 32.00 |



Primary Aromas



Cinnamon



Chamomile



Hops



Orange



Lavender

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. Results based on dry weight. SOP-0037; GC-FID Analysis of Terpenes in Cannabis and Cannabis Products. Testing listed above may not be included in our current PJLA scope of accreditation. Please consult PJLA Certificate# 102722 for a list of current accredited tests.



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Blueberry Muffin Flower (HB101) (1083)

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Harvest/Production Date: 04/25/2025



Residual Solvents

Not Tested

Analytical Calibration Batch:

| Analyte | LOQ | State Limits | Mass | Status | Analyte | LOQ | State Limits | Mass | Status |
|---------|-----|--------------|------|--------|---------|-----|--------------|------|--------|
|---------|-----|--------------|------|--------|---------|-----|--------------|------|--------|

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. PPM = Parts per Million. SOP-0060; A mass spectrum analysis of Residual Solvents using Gas Chromatography Mass Spectrometry (Thermo Scientific ISQ7000 GCMS).

Mycotoxins

Pass

Analytical Calibration Batch: 05/27/2025

| Analyte | LOQ | State Limit | Mass | Status |
|------------------|-----|-------------|------|--------|
| | PPB | PPB | PPB | |
| Ochratoxin A | 12 | 20 | ND | Pass |
| Total Aflatoxins | 20 | 20 | ND | Pass |

LOQ = Limit of Quantitation; NT = Not Tested; NR = Not Reported; ND = None Detected. PPB = Parts per Billion. SOP-0042; Pesticide & Mycotoxin screening is performed using Sciex 6500+ LCMSMS with Exion XR front HPLC.

Microbials

Pass

| Analyte | Limit | Mass | Status |
|-----------------------|----------------------|-------|--------|
| | CFU/g | CFU/g | |
| Mold | 10000 | NR | NT |
| Aspergillus flavus | Not Detected in 1.0g | ND | Pass |
| Aspergillus fumigatus | Not Detected in 1.0g | ND | Pass |
| Aspergillus niger | Not Detected in 1.0g | ND | Pass |
| Aspergillus terreus | Not Detected in 1.0g | ND | Pass |
| Salmonella | Not Detected in 1.0g | ND | Pass |
| STEC | Not Detected in 1.0g | ND | Pass |

NT = Not Tested; NR = Not Reported; ND = None Detected. TNTC = Too Numerous to Count; SOP-0058: STEC and Salmonella analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0063: Aspergillus species specific analysis on AriaDX qPCR using Medicinal Genomics validated methods. SOP-0061: Mold enumeration using Hardy Diagnostics media.



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Harvest/Production Date: 04/25/2025

Pesticides

Analytical Calibration Batch: 05/27/2025

Pass

| Analyte | LOQ | State Limit | Expanded Limit | Mass | Status | Analyte | LOQ | State Limit | Expanded Limit | Mass | Status |
|---------------------|------|-------------|----------------|------|--------|--------------------|------|-------------|----------------|------|--------|
| | PPM | PPM | PPM | PPM | | | PPM | PPM | PPM | PPM | |
| Abamectin | 0.16 | 0.5 | 0.5 | ND | Pass | Imazalil | 0.16 | 0.2 | 0.2 | ND | Pass |
| Acephate | 0.12 | 0.4 | 0.4 | ND | Pass | Imidacloprid | 0.16 | 0.4 | 0.4 | ND | Pass |
| Acequinocyl | 0.16 | 2 | 2 | ND | Pass | Kresoxim Methyl | 0.16 | 0.4 | 0.4 | ND | Pass |
| Acetamiprid | 0.16 | 0.2 | 0.2 | ND | Pass | Malathion | 0.16 | 0.2 | 0.2 | ND | Pass |
| Aldicarb | 0.31 | 0.4 | 0.4 | ND | Pass | Metalaxyl | 0.16 | 0.2 | 0.2 | ND | Pass |
| Azoxystrobin | 0.16 | 0.2 | 0.2 | ND | Pass | Methiocarb | 0.16 | 0.2 | 0.2 | ND | Pass |
| Bifenazate | 0.16 | 0.2 | 0.2 | ND | Pass | Methomyl | 0.16 | 0.4 | 0.4 | ND | Pass |
| Bifenthrin | 0.16 | 0.2 | 0.2 | ND | Pass | Methyl Parathion | 0.16 | 0.2 | 0.2 | ND | Pass |
| Boscalid | 0.16 | 0.4 | 0.4 | ND | Pass | MGK-264 | 0.16 | 0.2 | 0.2 | ND | Pass |
| Carbaryl | 0.16 | 0.2 | 0.2 | ND | Pass | Myclobutanil | 0.16 | 0.2 | 0.2 | ND | Pass |
| Carbofuran | 0.16 | 0.2 | 0.2 | ND | Pass | Naled | 0.16 | 0.5 | 0.5 | ND | Pass |
| Chlorantraniliprole | 0.16 | 0.2 | 0.2 | ND | Pass | Oxamyl | 0.16 | 1 | 1 | ND | Pass |
| Chlorfenapyr | 0.31 | 1 | 1 | ND | Pass | Paclobutrazol | 0.16 | 0.4 | 0.4 | ND | Pass |
| Chlorpyrifos | 0.16 | 0.2 | 0.2 | ND | Pass | Permethrin | 0.16 | 0.2 | 0.2 | ND | Pass |
| Clofentezine | 0.16 | 0.2 | 0.2 | ND | Pass | Phosmet | 0.16 | 0.2 | 0.2 | ND | Pass |
| Cyfluthrin | 0.31 | 1 | 1 | ND | Pass | Piperonyl Butoxide | 0.16 | 2 | 2 | ND | Pass |
| Cypermethrin | 0.16 | 1 | 1 | ND | Pass | Prallethrin | 0.16 | 0.2 | 0.2 | ND | Pass |
| Daminozide | 0.16 | 1 | 1 | ND | Pass | Propiconazole | 0.16 | 0.4 | 0.4 | ND | Pass |
| Diazinon | 0.16 | 0.2 | 0.2 | ND | Pass | Propoxur | 0.16 | 0.2 | 0.2 | ND | Pass |
| Dichlorvos | 0.16 | 1 | 1 | ND | Pass | Pyrethrins | 0.16 | 1 | 1 | ND | Pass |
| Dimethoate | 0.16 | 0.2 | 0.2 | ND | Pass | Pyridaben | 0.16 | 0.2 | 0.2 | ND | Pass |
| Ethoprophos | 0.16 | 0.2 | 0.2 | ND | Pass | Spinosad | 0.16 | 0.2 | 0.2 | ND | Pass |
| Etofenprox | 0.16 | 0.4 | 0.4 | ND | Pass | Spiromesifen | 0.16 | 0.2 | 0.2 | ND | Pass |
| Etoazole | 0.16 | 0.2 | 0.2 | ND | Pass | Spirotetramat | 0.16 | 0.2 | 0.2 | ND | Pass |
| Fenoxycarb | 0.16 | 0.2 | 0.2 | ND | Pass | Spiroxamine | 0.16 | 0.4 | 0.4 | ND | Pass |
| Fenpyroximate | 0.16 | 0.4 | 0.4 | ND | Pass | Tebuconazole | 0.16 | 0.4 | 0.4 | ND | Pass |
| Fipronil | 0.16 | 0.4 | 0.4 | ND | Pass | Thiacloprid | 0.16 | 0.2 | 0.2 | ND | Pass |
| Flonicamid | 0.16 | 1 | 1 | ND | Pass | Thiamethoxam | 0.16 | 0.2 | 0.2 | ND | Pass |
| Fludioxonil | 0.16 | 0.4 | 0.4 | ND | Pass | Trifloxystrobin | 0.16 | 0.2 | 0.2 | ND | Pass |
| Hexythiazox | 0.16 | 1 | 1 | ND | Pass | | | | | | |

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