

Green Analytics NY, LLC  
401 North Middletown Road, Building 60B  
Pearl River, NY 10965  
www.greenanalyticsllc.com  
License #s: OCMPPCL-00013  
ISO 17025 Certificate No.: 4356.09

### Sample Result: PASS

|                           |                            |                          |                   |
|---------------------------|----------------------------|--------------------------|-------------------|
| <b>Date Reported:</b>     | 8/5/2024                   | <b>Sample ID:</b>        | 20240725-HDFH-001 |
| <b>Client Name:</b>       | Flowerhouse                | <b>Sample Name:</b>      | 3.5g Flower       |
| <b>Sampling Location:</b> | Rock Tavern, New York      | <b>Sample Matrix:</b>    | Flower            |
| <b>Contact Name:</b>      | Kristen Garringer          | <b>Sample Sub Type:</b>  | Flower            |
| <b>Contact Email:</b>     | kristen@flowerhousesny.com | <b>Package ID:</b>       |                   |
| <b>License Number:</b>    | OCM-AUCC-22-000111         | <b>Batch Lot ID:</b>     | FH0667            |
| <b>Medical/Adult Use:</b> | Adult Use                  | <b>Batch Size:</b>       | 605               |
| <b>Sampling Date:</b>     | 07/25/2024 01:50:00 PM     | <b>Serving Size (g):</b> | 1                 |

|                       |          |                        |          |                                     |          |                   |          |
|-----------------------|----------|------------------------|----------|-------------------------------------|----------|-------------------|----------|
| <b>Potency</b>        | <b>T</b> | <b>Pesticides</b>      | <b>P</b> | <b>Heavy Metals</b>                 | <b>P</b> | <b>Mycotoxins</b> | <b>P</b> |
| <b>Water Activity</b> | <b>P</b> | <b>Microbiological</b> | <b>P</b> | <b>Residual Solvents</b>            | <b>-</b> | <b>Terpenes</b>   | <b>P</b> |
|                       |          | <b>Moisture</b>        | <b>P</b> | <b>Filth &amp; Foreign Material</b> | <b>P</b> |                   |          |

"-" = Not Tested; "T" = Tested; "P" = Pass; "F" = Fail

| Cannabinoids: 3.5g Flower (20240725-HDFH-001)         |        |            |             |
|---|--------|------------|-------------|
| Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA) |        |            |             |
| Analyte   | % w/w  | mg/serving | MRL (% w/w) |
| CBDV  | < MRL  | < MRL      | 0.045       |
| CBDA  | < MRL  | < MRL      | 0.045       |
| CBGA  | 0.417  | 4.172      | 0.045       |
| CBG   | 0.104  | 1.043      | 0.045       |
| CBD   | < MRL  | < MRL      | 0.045       |
| THCV  | < MRL  | < MRL      | 0.045       |
| CBN   | 0.070  | 0.695      | 0.045       |
| D9-THC  | 3.674  | 36.737     | 0.045       |
| D8-THC  | < MRL  | < MRL      | 0.045       |
| D10-THC-S   | < MRL  | < MRL      | 0.045       |
| D10-THC-R   | < MRL  | < MRL      | 0.045       |
| CBC   | < MRL  | < MRL      | 0.045       |
| THCA  | 23.305 | 233.051    | 0.045       |

MRL = Minimum reporting limit/limit of quantification  
mg/serving = % w/w x10 x serving size weight (g)  
Reported on a dry-weight basis based on the calculation:  
(wet sample % x 100)/(100 - %MC)

Test ID: #68924 | Date Tested: 07/26/2024 11:20 AM

| Potency Summary   | % w/w  | mg/serving |
|---|--------|------------|
| <b>Total THC</b> [ $\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877)] | 24.112 | 241.123    |
| <b>Total CBD</b> [CBD + (CBDA * 0.877)]   | < MRL  | < MRL      |
| <b>Total Cannabinoids</b>   | 27.570 | 275.698    |



**Version 2: Revised with updated cannabinoid profile per client request. SAR. 8/5/2024**

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### Terpenes: 3.5g Flower (20240725-HDFH-001)

Terpenes analysis utilizing GC-MS (GC-MS: SOP-063-GA, SOP-069-GA)

| Analyte             | Result (% w/w) | MRL (% w/w) |
|---------------------|----------------|-------------|
| alpha-Pinene        | < MRL          | 0.06        |
| Camphene            | < MRL          | 0.06        |
| Sabinene            | < MRL          | 0.06        |
| beta-Pinene         | < MRL          | 0.06        |
| beta-Myrcene        | 0.34           | 0.06        |
| Alpha-phellandrene  | < MRL          | 0.06        |
| Carene              | < MRL          | 0.06        |
| alpha-terpinene     | 0.13           | 0.06        |
| p-Cymene            | < MRL          | 0.06        |
| Limonene            | 0.14           | 0.06        |
| Eucalyptol          | < MRL          | 0.06        |
| Ocimene             | < MRL          | 0.04        |
| gamma-Terpinene     | < MRL          | 0.06        |
| Sabinene Hydrate    | < MRL          | 0.06        |
| Terpinolene         | < MRL          | 0.06        |
| Linalool            | 0.06           | 0.06        |
| Fenchol             | < MRL          | 0.06        |
| Menthol             | < MRL          | 0.06        |
| Terpineol           | < MRL          | 0.06        |
| Citronellol         | < MRL          | 0.06        |
| Isopulegol          | < MRL          | 0.06        |
| Geraniol            | < MRL          | 0.06        |
| Alpha-cedrene       | < MRL          | 0.04        |
| Beta-Caryophyllene  | < MRL          | 0.06        |
| Farnesene           | 0.06           | 0.06        |
| alpha-Humulene      | 0.07           | 0.06        |
| Valencene           | < MRL          | 0.06        |
| cis-Nerolidol       | < MRL          | 0.02        |
| trans-Nerolidol     | < MRL          | 0.03        |
| Caryophyllene oxide | < MRL          | 0.06        |
| Guaiol              | 0.07           | 0.06        |
| alpha-Bisabolol     | < MRL          | 0.06        |

MRL = Minimum reporting limit/limit of quantification

Test ID: #68931 | Date Tested: 07/30/2024 03:30 PM

| Terpenes Summary              | Result | Limit | Pass/Fail |
|-------------------------------|--------|-------|-----------|
| <b>Total Terpenes (% w/w)</b> | 0.87   | 10    | PASS      |



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### Pesticides: 3.5g Flower (20240725-HDFH-001)

**PASS**

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)

| Analyte                 | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|-------------------------|-----------|---------------|--------------|------------|
| Abamectin               | PASS      | < MRL         | 0.50         | 0.100      |
| Acephate                | PASS      | < MRL         | 0.40         | 0.100      |
| Acequinocyl             | PASS      | < MRL         | 2.00         | 0.100      |
| Acetamiprid             | PASS      | < MRL         | 0.20         | 0.100      |
| Aldicarb                | PASS      | < MRL         | 0.40         | 0.100      |
| Azadirachtin            | PASS      | < MRL         | 1.00         | 0.250      |
| Azoxystrobin            | PASS      | < MRL         | 0.20         | 0.100      |
| Bifenazate              | PASS      | < MRL         | 0.20         | 0.100      |
| Bifenthrin              | PASS      | < MRL         | 0.20         | 0.100      |
| Boscalid                | PASS      | < MRL         | 0.40         | 0.100      |
| Captan                  | PASS      | < MRL         | 1.00         | 0.500      |
| Carbaryl                | PASS      | < MRL         | 0.20         | 0.100      |
| Carbofuran              | PASS      | < MRL         | 0.20         | 0.100      |
| Chlorantranilprole      | PASS      | < MRL         | 0.20         | 0.100      |
| Chlordane               | PASS      | < MRL         | 1.00         | 0.250      |
| Chlorfenapyr            | PASS      | < MRL         | 1.00         | 0.050      |
| Chlormequat chloride    | PASS      | < MRL         | 1.00         | 0.100      |
| Chlorpyrifos            | PASS      | < MRL         | 0.20         | 0.100      |
| Clofentezine            | PASS      | < MRL         | 0.20         | 0.100      |
| Coumaphos               | PASS      | < MRL         | 1.00         | 0.100      |
| Cyfluthrin              | PASS      | < MRL         | 1.00         | 0.100      |
| Cypermethrin            | PASS      | < MRL         | 1.00         | 0.100      |
| Daminozide              | PASS      | < MRL         | 1.00         | 0.100      |
| Diazinon                | PASS      | < MRL         | 0.20         | 0.100      |
| Dichlorvos              | PASS      | < MRL         | 1.00         | 0.100      |
| Dimethoate              | PASS      | < MRL         | 0.20         | 0.100      |
| Dimethomorph            | PASS      | < MRL         | 1.00         | 0.100      |
| Ethoprophos             | PASS      | < MRL         | 0.20         | 0.100      |
| Etofenprox              | PASS      | < MRL         | 0.40         | 0.100      |
| Etoxazole               | PASS      | < MRL         | 0.20         | 0.100      |
| Fenhexamid              | PASS      | < MRL         | 1.00         | 0.100      |
| Fenoxycarb              | PASS      | < MRL         | 0.20         | 0.100      |
| Fenpyroximate           | PASS      | < MRL         | 0.40         | 0.100      |
| Fipronil                | PASS      | < MRL         | 0.40         | 0.100      |
| Fonicamid               | PASS      | < MRL         | 1.00         | 0.100      |
| Fludioxonil             | PASS      | < MRL         | 0.40         | 0.100      |
| Hexythiazox             | PASS      | < MRL         | 1.00         | 0.100      |
| Imazalil                | PASS      | < MRL         | 0.20         | 0.100      |
| Imidacloprid            | PASS      | < MRL         | 0.40         | 0.100      |
| Indole-3-butyric acid   | PASS      | < MRL         | 1.00         | 0.250      |
| Kresoxim-methyl         | PASS      | < MRL         | 0.40         | 0.100      |
| Malathion               | PASS      | < MRL         | 0.20         | 0.100      |
| Metalaxyl               | PASS      | < MRL         | 0.20         | 0.100      |
| Methiocarb              | PASS      | < MRL         | 0.20         | 0.100      |
| Methomyl                | PASS      | < MRL         | 0.40         | 0.100      |
| Methyl Parathion        | PASS      | < MRL         | 0.20         | 0.050      |
| Mevinphos               | PASS      | < MRL         | 1.00         | 0.100      |
| MGK-264 I/II            | PASS      | < MRL         | 0.20         | 0.100      |
| Myclobutanil            | PASS      | < MRL         | 0.20         | 0.100      |
| Naled                   | PASS      | < MRL         | 0.50         | 0.100      |
| Oxamyl                  | PASS      | < MRL         | 1.00         | 0.100      |
| Paclobutrazol           | PASS      | < MRL         | 0.40         | 0.100      |
| Pentachloronitrobenzene | PASS      | < MRL         | 1.00         | 0.250      |
| Permethrins, total      | PASS      | < MRL         | 0.20         | 0.100      |
| Phosmet                 | PASS      | < MRL         | 0.20         | 0.100      |
| Piperonyl butoxide      | PASS      | < MRL         | 2.00         | 0.100      |
| Prallethrin             | PASS      | < MRL         | 0.20         | 0.100      |
| Propiconazole           | PASS      | < MRL         | 0.40         | 0.100      |
| Propoxur                | PASS      | < MRL         | 0.20         | 0.100      |
| Pyrethrins              | PASS      | < MRL         | 1.00         | 0.100      |
| Pyridaben               | PASS      | < MRL         | 0.20         | 0.100      |
| Spinetoram, Total       | PASS      | < MRL         | 1.00         | 0.100      |
| Spinosad, Total         | PASS      | < MRL         | 0.20         | 0.100      |
| Spiromesifen            | PASS      | < MRL         | 0.20         | 0.100      |
| Spirotetramat           | PASS      | < MRL         | 0.20         | 0.100      |
| Spiroxamine             | PASS      | < MRL         | 0.20         | 0.100      |
| Tebuconazole            | PASS      | < MRL         | 0.40         | 0.100      |
| Thiacloprid             | PASS      | < MRL         | 0.20         | 0.100      |
| Thiamethoxam            | PASS      | < MRL         | 0.20         | 0.100      |
| Trifloxystrobin         | PASS      | < MRL         | 0.20         | 0.100      |

MRL = Minimum reporting limit/limit of quantification

Test ID: #68930 | Date Tested: 07/30/2024 03:30 PM



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| Mycotoxins: 3.5g Flower (20240725-HDFH-001)   |           |               |  |            | PASS |
|---|-----------|---------------|--|------------|------|
| Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA) |           |               |  |            |      |
| Analyte   | Pass/Fail | Result (µg/g) | Limit (µg/g)                                       | MRL (µg/g) |      |
| Ochratoxin  | PASS      | < MRL         | 0.02   | 0.010      |      |
| Total Aflatoxins  | PASS      | < MRL         | 0.02   | 0.010      |      |
| MRL = Minimum reporting limit/limit of quantification   |           |               | Test ID: #68929   Date Tested: 07/30/2024 03:30 PM |            |      |

| Heavy Metals: 3.5g Flower (20240725-HDFH-001)   |           |               |  |            | PASS |
|---|-----------|---------------|--|------------|------|
| Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS: SOP-061-NY, SOP-072-GA) |           |               |  |            |      |
| Analyte   | Pass/Fail | Result (µg/g) | Limit (µg/g)                                       | MRL (µg/g) |      |
| Chromium  | PASS      | < MRL         | 110.0  | 8.00       |      |
| Nickel  | PASS      | < MRL         | 5.0  | 1.00       |      |
| Copper  | PASS      | 11.925        | 30.0   | 8.00       |      |
| Arsenic   | PASS      | < MRL         | 0.2  | 0.10       |      |
| Cadmium   | PASS      | < MRL         | 0.3  | 0.10       |      |
| Antimony  | PASS      | < MRL         | 2.0  | 1.00       |      |
| Mercury   | PASS      | < MRL         | 0.1  | 0.05       |      |
| Lead  | PASS      | < MRL         | 0.5  | 0.20       |      |
| MRL = Minimum reporting limit/limit of quantification   |           |               | Test ID: #68926   Date Tested: 07/28/2024 06:12 AM |            |      |

| Microbiological Screen: 3.5g Flower (20240725-HDFH-001)  |           |                 |  |             | PASS |
|--|-----------|-----------------|--|-------------|------|
| Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration (qPCR; SOP-700-NY, SOP-701-NY) |           |                 |  |             |      |
| Analyte  | Pass/Fail | Results (CFU/g) | Limit (CFU/g)                                      | MRL (CFU/g) |      |
| Total Aerobic Bacteria   | PASS      | < MRL           | None   | 100         |      |
| Total Yeast & Mold   | PASS      | 3200            | None   | 100         |      |
| Salmonella spp   | PASS      | Absent          | Absent   | 1           |      |
| Shiga toxin-producing E. coli  | PASS      | Absent          | Absent   | 1           |      |
| Aspergillus (fumigatus, flavus, niger, terreus)  | PASS      | Absent          | Absent   | 1           |      |
| MRL = Minimum reporting limit/limit of quantification  |           |                 | Test ID: #68927   Date Tested: 07/30/2024 09:10 AM |             |      |

| Moisture: 3.5g Flower (20240725-HDFH-001)                             |           |            |  | PASS |
|---|-----------|------------|--|------|
| Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA) |           |            |  |      |
| Analyte   | Pass/Fail | Result (%) | Limit (%)  |      |
| Moisture  | PASS      | 13.7       | 15   |      |
| MRL = Minimum reporting limit/limit of quantification                 |           |            | Test ID: #68928   Date Tested: 07/26/2024 12:11 PM |      |

| Water Activity: 3.5g Flower (20240725-HDFH-001)                                  |           |                          |  | PASS |
|--|-----------|--------------------------|--|------|
| Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA) |           |                          |  |      |
| Analyte  | Pass/Fail | Result (a <sub>w</sub> ) | Limit (a <sub>w</sub> )                            |      |
| Water Activity   | PASS      | 0.54                     | 0.65   |      |
| MRL = Minimum reporting limit/limit of quantification                            |           |                          | Test ID: #68932   Date Tested: 07/26/2024 12:11 PM |      |



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| Filt and Foreign Material: 3.5g Flower (20240725-HDFH-001)           |         |  | PASS      |
|--|---------|--|-----------|
| Filt and Foreign Material analysis utilizing microscopy (SOP-057-NY) |         |  |           |
| Analyte  | Results | Limit  | Pass/Fail |
| Foreign Material (other, % m/m)                                      | ND      | 2  | PASS      |
| Foreign Material (stems, % m/m)                                      | ND      | 5  | PASS      |
| Mammalian Excreta (mg/lb)  | ND      | 1  | PASS      |
| ND = Not Detected  |         | Test ID: #68925   Date Tested: 07/26/2024 12:11 PM |           |



Matthew Elmes  
Lab Director  
8/5/2024

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