

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

| | | | |
|---------------------------|---------------------------|--------------------------|-------------------|
| Date Reported: | 7/17/2024 | Sample ID: | 20240708-HDFH-006 |
| Client Name: | Flowerhouse | Sample Name: | 28g flower |
| Sampling Location: | Rock Tavern, New York | Sample Matrix: | Flower |
| Contact Name: | Kristen Garringer | Sample Sub Type: | Flower |
| Contact Email: | kristen@flowerhouseny.com | Package ID: | FH0655 |
| License Number: | OCM-AUCC-22-000111 | Batch Lot ID: | FH0655 |
| Medical/Adult Use: | Adult Use | Batch Size: | 4100 |
| Sampling Date: | 07/08/2024 02:30:00 PM | Serving Size (g): | 3.5 |

| | | | | | | | |
|-----------------------|----------|------------------------|----------|-------------------------------------|----------|-------------------|----------|
| Potency | T | Pesticides | P | Heavy Metals | P | Mycotoxins | P |
| Water Activity | P | Microbiological | P | Residual Solvents | - | Terpenes | P |
| | | Moisture | P | Filth & Foreign Material | P | | |

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

| Cannabinoids: 28g flower (20240708-HDFH-006) | | | |
|-------------------------------------------------------|--------|------------|-------------|
| 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 | 2.344 | 82.054 | 0.045 |
| CBG | 0.400 | 14.003 | 0.045 |
| CBD | < MRL | < MRL | 0.045 |
| THCV | < MRL | < MRL | 0.045 |
| CBN | < MRL | < MRL | 0.045 |
| D9-THC | 6.921 | 242.237 | 0.045 |
| D8-THC | < MRL | < MRL | 0.045 |
| D10-THC-S | < MRL | < MRL | 0.045 |
| D10-THC-R | < MRL | < MRL | 0.045 |
| CBC | 0.194 | 6.794 | 0.045 |
| THCA | 15.315 | 536.026 | 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: #67143 | Date Tested: 07/10/2024 08:29 AM

| Potency Summary | % w/w | mg/serving |
|---------------------------------------------------------------------------------------------|--------|------------|
| Total THC [Δ^8 -THC + Δ^9 -THC + Δ^{10} -THC + (THCA * 0.877)] | 20.352 | 712.332 |
| Total CBD [CBD + (CBDA * 0.877)] | < MRL | < MRL |
| Total Cannabinoids | 25.174 | 881.114 |



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Terpenes: 28g flower (20240708-HDFH-006)

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 | 0.07 | 0.06 |
| beta-Myrcene | 0.95 | 0.06 |
| Alpha-phellandrene | < MRL | 0.06 |
| Carene | < MRL | 0.06 |
| alpha-terpinene | < MRL | 0.06 |
| p-Cymene | < MRL | 0.06 |
| Limonene | 0.22 | 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 | < MRL | 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 | 0.06 | 0.04 |
| Beta-Caryophyllene | 0.29 | 0.06 |
| Farnesene | < MRL | 0.06 |
| alpha-Humulene | 0.11 | 0.06 |
| Valencene | < MRL | 0.06 |
| cis-Nerolidol | < MRL | 0.02 |
| trans-Nerolidol | < MRL | 0.03 |
| Caryophyllene oxide | < MRL | 0.06 |
| Guaiol | < MRL | 0.06 |
| alpha-Bisabolol | < MRL | 0.06 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #67150 | Date Tested: 07/10/2024 03:30 PM

| Terpenes Summary | Result | Limit | Pass/Fail |
|-------------------------------|--------|-------|-----------|
| Total Terpenes (% w/w) | 1.70 | 10 | PASS |



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Pesticides: 28g flower (20240708-HDFH-006)

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 |
| Flonicamid | 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: #67149 | Date Tested: 07/10/2024 11:15 AM



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| Mycotoxins: 28g flower (20240708-HDFH-006) 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: #67148 Date Tested: 07/10/2024 11:15 AM | |

| Heavy Metals: 28g flower (20240708-HDFH-006) 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 | 3.536 | 5.0 | 1.00 |
| Copper | PASS | 20.226 | 30.0 | 8.00 |
| Arsenic | PASS | < MRL | 0.2 | 0.10 |
| Cadmium | PASS | 0.247 | 0.3 | 0.10 |
| Antimony | PASS | < MRL | 2.0 | 1.00 |
| Mercury | PASS | < MRL | 0.1 | 0.05 |
| Lead | PASS | 0.410 | 0.5 | 0.20 |
| MRL = Minimum reporting limit/limit of quantification | | | Test ID: #67145 Date Tested: 07/10/2024 07:21 AM | |

| Microbiological Screen: 28g flower (20240708-HDFH-006) 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 | 626667 | None | 100 |
| Total Yeast & Mold | PASS | 10300 | 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: #67146 Date Tested: 07/10/2024 11:06 PM | |

| Moisture: 28g flower (20240708-HDFH-006) PASS | | | |
|----------------------------------------------------------------------------------|-----------|------------|----------------------------------------------------|
| Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA) | | | |
| Analyte | Pass/Fail | Result (%) | Limit (%) |
| Moisture | PASS | 12.6 | 15 |
| MRL = Minimum reporting limit/limit of quantification | | | Test ID: #67147 Date Tested: 07/09/2024 01:09 PM |

| Water Activity: 28g flower (20240708-HDFH-006) PASS | | | |
|----------------------------------------------------------------------------------------|-----------|--------------------------|----------------------------------------------------|
| Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA) | | | |
| Analyte | Pass/Fail | Result (a _w) | Limit (a _w) |
| Water Activity | PASS | 0.59 | 0.65 |
| MRL = Minimum reporting limit/limit of quantification | | | Test ID: #67151 Date Tested: 07/09/2024 01:09 PM |



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Filth and Foreign Material: 28g flower (20240708-HDFH-006)

PASS

Filth 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: #67144 | Date Tested: 07/09/2024 01:10 PM



Matthew Elmes
Lab Director
7/17/2024

Deviations: Terpene data associated with a laboratory control standard that was out of specification. Laboratory investigation conducted prior to reporting.

