

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

## Sample Result: PASS

|                           |                        |                          |                                           |
|---------------------------|------------------------|--------------------------|-------------------------------------------|
| <b>Date Reported:</b>     | 9/3/2025               | <b>Sample ID:</b>        | 20250827-OHNY-008                         |
| <b>Client Name:</b>       | Gnome Nugs, LLC        | <b>Sample Name:</b>      | 4:1 Pomegranate Pearls - CBD/THC - Hybrid |
| <b>Sampling Location:</b> | Huappauge, New York    | <b>Sample Matrix:</b>    | Edible                                    |
| <b>Contact Name:</b>      | Kevin Kowitz           | <b>Sample Sub Type:</b>  | Gummy                                     |
| <b>Contact Email:</b>     | kkowitz@eatgron.com    | <b>Package ID:</b>       |                                           |
| <b>License Number:</b>    | OCM-PROC-25-000273     | <b>Batch Lot ID:</b>     | NYPMG3B2525                               |
| <b>Medical/Adult Use:</b> | Adult Use              | <b>Batch Size:</b>       | 2750                                      |
| <b>Sampling Date:</b>     | 08/27/2025 08:35:00 AM | <b>Serving Size (g):</b> | 3.5                                       |

|                       |          |                        |          |                                     |          |                   |          |
|-----------------------|----------|------------------------|----------|-------------------------------------|----------|-------------------|----------|
| <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>P</b> | <b>Terpenes</b>   | <b>P</b> |
|                       |          | <b>Moisture</b>        | <b>-</b> | <b>Filth &amp; Foreign Material</b> | <b>-</b> |                   |          |

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

### Cannabinoids: 4:1 Pomegranate Pearls - CBD/THC - Hybrid (20250827-OHNY-008)

Potency analysis utilizing HPLC (SOP-025-NY, SOP-073-NY)

| Analyte   | % w/w | mg/serving | MRL (% w/w) |
|-----------|-------|------------|-------------|
| CBDV      | 0.004 | 0.140      | 0.004       |
| CBDA      | < MRL | < MRL      | 0.004       |
| CBGA      | < MRL | < MRL      | 0.004       |
| CBG       | 0.015 | 0.525      | 0.004       |
| CBD       | 1.243 | 43.505     | 0.004       |
| THCV      | 0.012 | 0.420      | 0.004       |
| CBN       | 0.005 | 0.175      | 0.004       |
| D9-THC    | 0.328 | 11.480     | 0.004       |
| D8-THC    | < MRL | < MRL      | 0.004       |
| D10-THC-S | < MRL | < MRL      | 0.004       |
| D10-THC-R | < MRL | < MRL      | 0.004       |
| CBC       | < MRL | < MRL      | 0.004       |
| THCA      | < MRL | < MRL      | 0.004       |

MRL = Minimum reporting limit/limit of quantification  
mg/serving = % w/w x10 x serving size weight (g)

Test ID: #133972 | Date Tested: 09/01/2025 02:14 PM

| Potency Summary                                                                            | % w/w | mg/serving |
|--------------------------------------------------------------------------------------------|-------|------------|
| <b>Total THC</b> [ $\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877) ] | 0.328 | 11.480     |
| <b>Total CBD</b> [ CBD + (CBDA * 0.877) ]                                                  | 1.243 | 43.505     |
| <b>Total Cannabinoids</b>                                                                  | 1.607 | 56.245     |



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### Terpenes: 4:1 Pomegranate Pearls - CBD/THC - Hybrid (20250827-OHNY-008) **PASS**

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

| Analyte             | Result (% w/w) | MRL (% w/w) |
|---------------------|----------------|-------------|
| alpha-Pinene        | < MRL          | 0.05        |
| Camphene            | < MRL          | 0.05        |
| Sabinene            | < MRL          | 0.05        |
| beta-Pinene         | < MRL          | 0.05        |
| beta-Myrcene        | < MRL          | 0.05        |
| Alpha-phellandrene  | < MRL          | 0.05        |
| Carene              | < MRL          | 0.05        |
| alpha-terpinene     | < MRL          | 0.05        |
| p-Cymene            | < MRL          | 0.05        |
| Limonene            | < MRL          | 0.05        |
| Eucalyptol          | < MRL          | 0.05        |
| Ocimene             | < MRL          | 0.04        |
| gamma-Terpinene     | < MRL          | 0.05        |
| Sabinene Hydrate    | < MRL          | 0.05        |
| Terpinolene         | < MRL          | 0.05        |
| Linalool            | < MRL          | 0.05        |
| Fenchol             | < MRL          | 0.05        |
| Menthol             | < MRL          | 0.05        |
| Terpineol           | < MRL          | 0.05        |
| Citronellol         | < MRL          | 0.05        |
| Isopulegol          | < MRL          | 0.05        |
| Geraniol            | < MRL          | 0.05        |
| Alpha-cedrene       | < MRL          | 0.04        |
| Beta-Caryophyllene  | < MRL          | 0.05        |
| Farnesene           | < MRL          | 0.05        |
| alpha-Humulene      | < MRL          | 0.05        |
| Valencene           | < MRL          | 0.05        |
| cis-Nerolidol       | < MRL          | 0.02        |
| trans-Nerolidol     | < MRL          | 0.03        |
| Caryophyllene oxide | < MRL          | 0.05        |
| Guaiol              | < MRL          | 0.05        |
| alpha-Bisabolol     | < MRL          | 0.05        |

MRL = Minimum reporting limit/limit of quantification

Test ID: #133974 | Date Tested: 08/31/2025 10:30 AM

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



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.

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### Residual Solvents: 4:1 Pomegranate Pearls - CBD/THC - Hybrid (20250827-OHNY-008)

**PASS**

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (SOP-067-NY, SOP-010-NY)

| Analyte                                 | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|-----------------------------------------|-----------|---------------|--------------|------------|
| 1,2-Dichloroethane                      | PASS      | < MRL         | 5            | 3.500      |
| 2-Propanol                              | PASS      | < MRL         | 5000         | 500.000    |
| Acetone                                 | PASS      | < MRL         | 5000         | 2000.000   |
| Acetonitrile                            | PASS      | < MRL         | 410          | 40.000     |
| Butanes, total                          | PASS      | < MRL         | 5000         | 2500.000   |
| Benzene                                 | PASS      | < MRL         | 2            | 0.650      |
| Chloroform                              | PASS      | < MRL         | 60           | 6.000      |
| Dichloromethane                         | PASS      | < MRL         | 600          | 60.000     |
| Dimethyl Sulfoxide                      | PASS      | < MRL         | 5000         | 1000.000   |
| Ethanol                                 | PASS      | < MRL         | 5000         | 500.000    |
| Ethyl acetate                           | PASS      | < MRL         | 5000         | 500.000    |
| Ethyl ether                             | PASS      | < MRL         | 5000         | 500.000    |
| n-Heptane                               | PASS      | < MRL         | 5000         | 500.000    |
| Hexanes, total                          | PASS      | < MRL         | 290          | 30.000     |
| Methanol                                | PASS      | < MRL         | 3000         | 300.000    |
| Pentanes, total                         | PASS      | < MRL         | 5000         | 500.000    |
| Propane                                 | PASS      | < MRL         | 5000         | 500.000    |
| Tetrafluoroethane (1,1,1,2-) (HFC-134a) | PASS      | < MRL         | 1000         | 400.000    |
| Toluene                                 | PASS      | < MRL         | 890          | 100.000    |
| Trichloroethane                         | PASS      | < MRL         | 1500         | 1000.000   |
| Xylenes, total                          | PASS      | < MRL         | 2170         | 250.000    |

MRL = Minimum reporting limit/limit of quantification

Test ID: #133973 | Date Tested: 08/31/2025 12:44 PM



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.

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### Pesticides: 4:1 Pomegranate Pearls - CBD/THC - Hybrid (20250827-OHNY-008) **PASS**

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

| 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         | 0.100      |
| Chlorfenapyr            | PASS      | < MRL         | 1.00         | 0.100      |
| 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         | 0.20         | 0.100      |
| Ethoprophos             | PASS      | < MRL         | 0.20         | 0.100      |
| Etofenprox              | PASS      | < MRL         | 0.40         | 0.100      |
| Etiozazole              | 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         | 0.40         | 0.100      |
| 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         | 0.40         | 0.100      |
| 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: #133970 | Date Tested: 09/01/2025 03:54 PM



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.

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### Mycotoxins: 4:1 Pomegranate Pearls - CBD/THC - Hybrid (20250827-OHNY-008) PASS

Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

| 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: #133971 | Date Tested: 09/01/2025 03:59 PM

### Heavy Metals: 4:1 Pomegranate Pearls - CBD/THC - Hybrid (20250827-OHNY-008) PASS

Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (SOP-061-NY, SOP-072-NY)

| Analyte  | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|----------|-----------|---------------|--------------|------------|
| Chromium | PASS      | < MRL         | 1100.0       | 8.00       |
| Nickel   | PASS      | < MRL         | 20.0         | 1.00       |
| Copper   | PASS      | < MRL         | 300.0        | 8.00       |
| Arsenic  | PASS      | < MRL         | 1.5          | 0.10       |
| Cadmium  | PASS      | < MRL         | 0.5          | 0.10       |
| Antimony | PASS      | < MRL         | 120.0        | 1.00       |
| Mercury  | PASS      | < MRL         | 3.0          | 0.05       |
| Lead     | PASS      | < MRL         | 0.5          | 0.20       |

MRL = Minimum reporting limit/limit of quantification

Test ID: #133969 | Date Tested: 08/28/2025 07:33 PM

### Microbiology - Plating: 4:1 Pomegranate Pearls - CBD/THC - Hybrid (20250827-OHNY-008) PASS

Microbial analysis utilizing microbial enumeration (SOP-700-NY)

| Analyte                | Pass/Fail | Results (CFU/g) | Limit (CFU/g) | MRL (CFU/g) |
|------------------------|-----------|-----------------|---------------|-------------|
| Total Aerobic Bacteria | PASS      | < MRL           | 10000.0       | 10.0        |
| Total Yeast & Mold     | PASS      | < MRL           | 1000.0        | 10.0        |

### Microbiology - qPCR:

Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-701-NY)

| Analyte                                         | Pass/Fail | Results (CFU/g) | Limit (CFU/g) | MRL (CFU/g) |
|-------------------------------------------------|-----------|-----------------|---------------|-------------|
| Salmonella spp                                  | PASS      | Absent          | Absent        | 1.0         |
| Shiga toxin-producing E. coli                   | PASS      | Absent          | Absent        | 1.0         |
| Aspergillus (fumigatus, flavus, niger, terreus) | PASS      | Absent          | Absent        | 1.0         |

MRL = Minimum reporting limit/limit of quantification

Test IDs: #133976, #133975, #133978, #133977 | Date Tested: 09/03/2025 12:17 PM, 08/31/2025 08:21 AM, 09/03/2025 12:12 PM, 09/03/2025 12:11 PM

### Water Activity: 4:1 Pomegranate Pearls - CBD/THC - Hybrid (20250827-OHNY-008) 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      | 0.72                     | 0.85                    |

MRL = Minimum reporting limit/limit of quantification

Test ID: #133968 | Date Tested: 08/28/2025 08:12 AM



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# Certificate of Analysis

## Full Compliance Test

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Matthew Elmes  
Lab Director  
9/3/2025



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