

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>     | 7/30/2025              | <b>Sample ID:</b>        | 20250516-OHNY-005                |
| <b>Client Name:</b>       | Gnome Nugs, LLC        | <b>Sample Name:</b>      | THC Lemonade Mega Pearl - Sativa |
| <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>     | NYLAM2B1525                      |
| <b>Medical/Adult Use:</b> | Adult Use              | <b>Batch Size:</b>       | 2500                             |
| <b>Sampling Date:</b>     | 05/16/2025 08:00:00 AM | <b>Serving Size (g):</b> | 2                                |

|                       |          |                        |          |                                     |          |                   |          |
|-----------------------|----------|------------------------|----------|-------------------------------------|----------|-------------------|----------|
| <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: THC Lemonade Mega Pearl - Sativa (20250516-OHNY-005)

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

| Analyte   | % w/w | mg/serving | MRL (% w/w) |
|-----------|-------|------------|-------------|
| CBDV      | < MRL | < MRL      | 0.002       |
| CBDA      | < MRL | < MRL      | 0.002       |
| CBGA      | < MRL | < MRL      | 0.002       |
| CBG       | 0.006 | 0.120      | 0.002       |
| CBD       | 0.002 | 0.040      | 0.002       |
| THCV      | 0.005 | 0.100      | 0.002       |
| CBN       | 0.004 | 0.080      | 0.002       |
| D9-THC    | 0.486 | 9.720      | 0.002       |
| D8-THC    | < MRL | < MRL      | 0.002       |
| D10-THC-S | < MRL | < MRL      | 0.002       |
| D10-THC-R | < MRL | < MRL      | 0.002       |
| CBC       | 0.004 | 0.080      | 0.002       |
| THCA      | < MRL | < MRL      | 0.002       |

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

Test ID: #108670 | Date Tested: 05/22/2025 04:58 AM

| Potency Summary                                                                            | % w/w | mg/serving |
|--------------------------------------------------------------------------------------------|-------|------------|
| <b>Total THC</b> [ $\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877) ] | 0.486 | 9.720      |
| <b>Total CBD</b> [ CBD + (CBDA * 0.877) ]                                                  | 0.002 | 0.040      |
| <b>Total Cannabinoids</b>                                                                  | 0.507 | 10.140     |



### Version 2: License info updated per client request- AL 7/30/2025

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### Terpenes: THC Lemonade Mega Pearl - Sativa (20250516-OHNY-005)

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          | 0.03        |
| 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        |
| Guaiaol             | < MRL          | 0.05        |
| alpha-Bisabolol     | < MRL          | 0.05        |

MRL = Minimum reporting limit/limit of quantification

Test ID: #108675 | Date Tested: 05/23/2025 07:11 AM

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



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### Residual Solvents: THC Lemonade Mega Pearl - Sativa (20250516-OHNY-005)

**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            | 0.198      |
| 2-Propanol                              | PASS      | < MRL         | 5000         | 29.734     |
| Acetone                                 | PASS      | < MRL         | 5000         | 61.175     |
| Acetonitrile                            | PASS      | < MRL         | 410          | 2.438      |
| Butanes, total                          | PASS      | < MRL         | 5000         | 29.734     |
| Benzene                                 | PASS      | < MRL         | 2            | 0.040      |
| Chloroform                              | PASS      | < MRL         | 60           | 0.357      |
| Dichloromethane                         | PASS      | < MRL         | 600          | 3.568      |
| Dimethyl Sulfoxide                      | PASS      | < MRL         | 5000         | 53.522     |
| Ethanol                                 | PASS      | < MRL         | 5000         | 29.734     |
| Ethyl acetate                           | PASS      | < MRL         | 5000         | 29.734     |
| Ethyl ether                             | PASS      | < MRL         | 5000         | 29.734     |
| n-Heptane                               | PASS      | < MRL         | 5000         | 29.734     |
| Hexanes, total                          | PASS      | < MRL         | 290          | 1.725      |
| Methanol                                | PASS      | < MRL         | 3000         | 17.841     |
| Pentanes, total                         | PASS      | < MRL         | 5000         | 29.734     |
| Propane                                 | PASS      | < MRL         | 5000         | 29.734     |
| Tetrafluoroethane (1,1,1,2-) (HFC-134a) | PASS      | < MRL         | 1000         | 110.790    |
| Toluene                                 | PASS      | < MRL         | 890          | 5.293      |
| Trichloroethane                         | PASS      | < MRL         | 1500         | 53.522     |
| Xylenes, total                          | PASS      | < MRL         | 2170         | 12.905     |

MRL = Minimum reporting limit/limit of quantification

Test ID: #108673 | Date Tested: 05/21/2025 11:34 AM



**Version 2: License info updated per client request- AL 7/30/2025**

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### Pesticides: THC Lemonade Mega Pearl - Sativa (20250516-OHNY-005)

**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         | 0.250      |
| 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      |
| 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         | 0.20         | 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: #108674 | Date Tested: 05/20/2025 10:35 AM



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### Mycotoxins: THC Lemonade Mega Pearl - Sativa (20250516-OHNY-005)

**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: #108671 | Date Tested: 05/20/2025 10:36 AM

### Heavy Metals: THC Lemonade Mega Pearl - Sativa (20250516-OHNY-005)

**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: #108672 | Date Tested: 05/20/2025 05:11 AM

### Microbiology - Plating: THC Lemonade Mega Pearl - Sativa (20250516-OHNY-005)

**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         | 10.0        |
| Total Yeast & Mold     | PASS      | < MRL           | 1000          | 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           |
| 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: #108676 | Date Tested: 05/20/2025 12:26 PM

### Water Activity: THC Lemonade Mega Pearl - Sativa (20250516-OHNY-005)

**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      | 0.73                     | 0.85                    |

MRL = Minimum reporting limit/limit of quantification

Test ID: #108677 | Date Tested: 05/20/2025 01:48 PM



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# Certificate of Analysis

## Full Compliance Test

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Matthew Elmes  
Lab Director  
7/30/2025



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