

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>     | 11/19/2025                  | <b>Sample ID:</b>        | 20251114-ECNY-001       |
| <b>Client Name:</b>       | Emerald City NY, LLC        | <b>Sample Name:</b>      | Hive & High Gingerbread |
| <b>Sampling Location:</b> | Hopewell Junction, New York | <b>Sample Matrix:</b>    | Edible                  |
| <b>Contact Name:</b>      | Michael Fertucci            | <b>Sample Sub Type:</b>  | Gummy                   |
| <b>Contact Email:</b>     | Greenspectrumscbd@gmail.com | <b>Package ID:</b>       |                         |
| <b>License Number:</b>    | OCM-PROC-24-000017          | <b>Batch Lot ID:</b>     | HHG100                  |
| <b>Medical/Adult Use:</b> | Adult Use                   | <b>Batch Size:</b>       | 1650                    |
| <b>Sampling Date:</b>     | 11/14/2025 09:30:00 AM      | <b>Serving Size (g):</b> | 4                       |

|                       |          |                        |          |                                     |          |                   |          |
|-----------------------|----------|------------------------|----------|-------------------------------------|----------|-------------------|----------|
| <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: Hive & High Gingerbread (20251114-ECNY-001) |       |            |             |
|---|-------|------------|-------------|
| 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  | 0.005 | 0.200      | 0.002       |
| CBG   | 0.283 | 11.320     | 0.002       |
| CBD   | 0.273 | 10.920     | 0.002       |
| THCV  | < MRL | < MRL      | 0.002       |
| CBN   | < MRL | < MRL      | 0.002       |
| D9-THC  | 0.248 | 9.920      | 0.002       |
| D8-THC  | < MRL | < MRL      | 0.002       |
| D10-THC-S   | < MRL | < MRL      | 0.002       |
| D10-THC-R   | < MRL | < MRL      | 0.002       |
| CBC   | < MRL | < MRL      | 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: #164547 | Date Tested: 11/18/2025 01:14 PM

| Potency Summary   | % w/w | mg/serving |
|---|-------|------------|
| <b>Total THC</b> [ $\Delta^8\text{-THC} + \Delta^9\text{-THC} + \Delta^{10}\text{-THC} + (\text{THCA} * 0.877)$ ] | 0.248 | 9.920      |
| <b>Total CBD</b> [ $\text{CBD} + (\text{CBDA} * 0.877)$ ]   | 0.273 | 10.920     |
| <b>Total Cannabinoids</b>   | 0.809 | 32.360     |



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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| Terpenes: Hive & High Gingerbread (20251114-ECNY-001)      |                |             | 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: #164549   Date Tested: 11/19/2025 09:40 AM |

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



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**Residual Solvents: Hive & High Gingerbread (20251114-ECNY-001)**

**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: #164548 | Date Tested: 11/19/2025 12:55 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: Hive & High Gingerbread (20251114-ECNY-001)**

**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      |
| 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         | 0.40         | 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: #164545 | Date Tested: 11/18/2025 11:19 AM



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| Mycotoxins: Hive & High Gingerbread (20251114-ECNY-001)   |           |               |   | 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: #164546   Date Tested: 11/19/2025 09:39 AM |            |

| Heavy Metals: Hive & High Gingerbread (20251114-ECNY-001)   |           |               |   | 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: #164544   Date Tested: 11/17/2025 11:07 AM |            |

| Microbiology - Plating: Hive & High Gingerbread (20251114-ECNY-001)              |           |                 |  | 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      | 10              | 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: #164551, #164550, #164553, #164552   Date Tested: 11/19/2025 09:33 AM, 11/17/2025 02:36 PM, 11/17/2025 11:57 AM, 11/17/2025 12:20 PM |             |

| Water Activity: Hive & High Gingerbread (20251114-ECNY-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      | 0.56                     | 0.85  |      |
| MRL = Minimum reporting limit/limit of quantification                            |           |                          | Test ID: #164543   Date Tested: 11/14/2025 12:11 PM |      |



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# Certificate of Analysis

## Full Compliance Test

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Matthew Elmes  
Lab Director  
11/19/2025



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