

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>     | 11/18/2025             |
| <b>Client Name:</b>       | Gotham Grow            |
| <b>Sampling Location:</b> | Hauppauge, New York    |
| <b>Contact Name:</b>      | Vinay Mehta            |
| <b>Contact Email:</b>     | vm@gothamgrow.com      |
| <b>License Number:</b>    | OCM-PROC-24-000200     |
| <b>Medical/Adult Use:</b> | Adult Use              |
| <b>Sampling Date:</b>     | 11/12/2025 09:15:00 AM |

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| <b>Sample ID:</b>        | 20251112-GOTH-004                                  |
| <b>Sample Name:</b>      | Single-Orange Crush X Lemon MacMelon X Tangie Jack |
| <b>Sample Matrix:</b>    | Flower                                             |
| <b>Sample Sub Type:</b>  | Infused Pre-roll                                   |
| <b>Package ID:</b>       |                                                    |
| <b>Batch Lot ID:</b>     | 25111202                                           |
| <b>Batch Size:</b>       | 10000                                              |
| <b>Serving Size (g):</b> | 0.2                                                |

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

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

### Cannabinoids: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112-GOTH-004)

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

| Analyte   | % w/w  | mg/serving | MRL (% w/w) |
|-----------|--------|------------|-------------|
| CBDV      | < MRL  | < MRL      | 0.290       |
| CBDA      | < MRL  | < MRL      | 0.290       |
| CBGA      | < MRL  | < MRL      | 0.290       |
| CBG       | 0.764  | 1.528      | 0.290       |
| CBD       | < MRL  | < MRL      | 0.290       |
| THCV      | < MRL  | < MRL      | 0.290       |
| CBN       | < MRL  | < MRL      | 0.290       |
| D9-THC    | 20.450 | 40.900     | 0.290       |
| D8-THC    | < MRL  | < MRL      | 0.290       |
| D10-THC-S | < MRL  | < MRL      | 0.290       |
| D10-THC-R | < MRL  | < MRL      | 0.290       |
| CBC       | < MRL  | < MRL      | 0.290       |
| THCA      | 23.083 | 46.167     | 0.290       |

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: #162958 | Date Tested: 11/14/2025 09:37 AM

| Potency Summary                                                                            | % w/w  | mg/serving |
|--------------------------------------------------------------------------------------------|--------|------------|
| <b>Total THC</b> [ $\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877) ] | 40.694 | 81.388     |
| <b>Total CBD</b> [ CBD + (CBDA * 0.877) ]                                                  | < MRL  | < MRL      |
| <b>Total Cannabinoids</b>                                                                  | 44.297 | 88.595     |



### Version 02: Corrected cannabinoid panel -VJR 11/18/2025

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**Terpenes: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112-GOTH-004) PASS**

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

| Analyte             | Result (% w/w) | MRL (% w/w) |
|---------------------|----------------|-------------|
| alpha-Pinene        | < MRL          | 0.19        |
| Camphene            | < MRL          | 0.19        |
| Sabinene            | < MRL          | 0.19        |
| beta-Pinene         | < MRL          | 0.19        |
| beta-Myrcene        | < MRL          | 0.19        |
| Alpha-phellandrene  | < MRL          | 0.19        |
| Carene              | < MRL          | 0.19        |
| alpha-terpinene     | < MRL          | 0.19        |
| p-Cymene            | < MRL          | 0.19        |
| Limonene            | 0.20           | 0.19        |
| Eucalyptol          | < MRL          | 0.19        |
| Ocimene             | < MRL          | 0.13        |
| gamma-Terpinene     | < MRL          | 0.19        |
| Sabinene Hydrate    | < MRL          | 0.19        |
| Terpinolene         | < MRL          | 0.19        |
| Linalool            | < MRL          | 0.19        |
| Fenchol             | < MRL          | 0.19        |
| Menthol             | < MRL          | 0.19        |
| Terpineol           | < MRL          | 0.19        |
| Citronellol         | < MRL          | 0.19        |
| Isopulegol          | < MRL          | 0.19        |
| Geraniol            | < MRL          | 0.19        |
| Alpha-cedrene       | < MRL          | 0.15        |
| Beta-Caryophyllene  | 0.22           | 0.19        |
| Farnesene           | < MRL          | 0.19        |
| alpha-Humulene      | < MRL          | 0.19        |
| Valencene           | < MRL          | 0.19        |
| cis-Nerolidol       | < MRL          | 0.07        |
| trans-Nerolidol     | < MRL          | 0.11        |
| Caryophyllene oxide | < MRL          | 0.19        |
| Guaiol              | < MRL          | 0.19        |
| alpha-Bisabolol     | < MRL          | 0.19        |

MRL = Minimum reporting limit/limit of quantification

Test ID: #162962 | Date Tested: 11/14/2025 09:01 AM

| Terpenes Summary              | Result | Limit | Pass/Fail |
|-------------------------------|--------|-------|-----------|
| <b>Total Terpenes (% w/w)</b> | 0.43   | 10    | PASS      |



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### Residual Solvents: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112-GOTH-004)

**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: #162961 | Date Tested: 11/18/2025 08:56 AM



### Version 02: Corrected cannabinoid panel -VJR 11/18/2025

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**Pesticides: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112- GOTH-004) 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: #162955 | Date Tested: 11/14/2025 11:42 AM



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### Mycotoxins: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112-GOTH-004) **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: #162956 | Date Tested: 11/14/2025 11:44 AM

### Heavy Metals: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112-GOTH-004) **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         | 110.0        | 8.00       |
| Nickel   | PASS      | < MRL         | 5.0          | 1.00       |
| Copper   | PASS      | < MRL         | 30.0         | 8.00       |
| Arsenic  | PASS      | < MRL         | 0.2          | 0.10       |
| Cadmium  | PASS      | < MRL         | 0.2          | 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: #162954 | Date Tested: 11/14/2025 08:20 AM

### Microbiology - Plating: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112-GOTH-004) **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      | 7387            | None          | 100.0       |
| Total Yeast & Mold     | PASS      | 6727            | None          | 100.0       |

### 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: #162964, #162963, #162966, #162965 | Date Tested: 11/16/2025 04:27 PM, 11/16/2025 02:36 PM, 11/14/2025 06:50 PM, 11/14/2025 01:51 PM

### Moisture: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112-GOTH-004) **PASS**

Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)

| Analyte  | Pass/Fail | Result (%) | Limit (%) |
|----------|-----------|------------|-----------|
| Moisture | PASS      | 7.1        | 15        |

MRL = Minimum reporting limit/limit of quantification

Test ID: #162957 | Date Tested: 11/14/2025 07:56 AM



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**Water Activity: Single-Orange Crush X Lemon MacMelon X Tangie Jack (20251112- PASS  
GOTH-004)**

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      | 0.34             | 0.65            |

MRL = Minimum reporting limit/limit of quantification

Test ID: #162953 | Date Tested: 11/14/2025 07:59 AM



Matthew Elmes  
Lab Director  
11/18/2025



### Version 02: Corrected cannabinoid panel -VJR 11/18/2025

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