1543 Union Center Maine Hwy pete@nanticokegardens.com 607-754-5008

License #: OCM-PROC-24-000002

# **Certificate of Analysis**



Date Released: 6/27/2025 6:02:07PM

Report #: 66565

# Super Lemon Haze .5g Preroll

Sample #: 16061, Weight: 10.00g, Unit Count:

Order #: X250623-0002 Category/Type: Plant, Preroll

Date Collected: 6/23/2025 4:40:00PM Date Received: 6/23/2025 10:20:52AM Date Sampled: 6/23/2025 8:22:00AM Regulator Sample ID: LG032008OHPR

Regulator Source Package ID: LG032008OHPR

Regulator Batch ID: LG032008OHPR

Size: 10000Units, Unit Count:



**Total Cannabinoids** 31.35 % 313.5 mg/g

 $\bigcirc$ 

Microbials

PASS







0.09243 %

0.9243 mg/g



1.152 %





Mycotoxins **PASS** 

Water Activity

| Cannabinoids Avg | Total Th   | Total Cannabinoids: 31.35 % - 313.5 mg/g<br>Total THC: 26.35 % - 263.5 mg/g<br>Total CBD: 0.09243 % - 0.9243 mg/g |        | 5 mg/g |                        | <b>Date Completed:</b> 06/27/2025 | 10:40AM |
|------------------|------------|---|--------|--------|------------------------|-----------------------------------|---------|
| Compound         | CAS#       | LOQ<br>(%)  | %      | mg/g   | Relative Concentration |                                   |         |
| THCa             | 23978-85-0 | 0.001000  | 29.33  | 293.3  |                        |                                   |         |
| CBGa             | 25555-57-1 | 0.001000  | 1.042  | 10.42  | -                      |                                   |         |
| d9-THC           | 1972-08-3  | 0.001000  | 0.6359 | 6.359  | •                      |                                   |         |
| CBG              | 25654-31-3 | 0.001000  | 0.2447 | 2.447  | 1                      |                                   |         |
| CBDa             | 1244-58-2  | 0.001000  | 0.1054 | 1.054  | I                      |                                   |         |
| CBDV             | 24274-48-4 | 0.001000  | ND     | ND     |                        |                                   |         |
| THCV             | 31262-37-0 | 0.001000  | ND     | ND     |                        |                                   |         |
|                  |            |   |        |        |                        |                                   |         |

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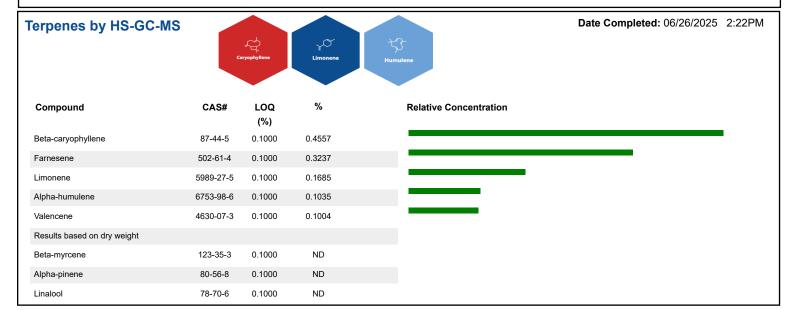
Einal



Sample #: 16061 Super Lemon Haze .5g Preroll

| Compound   | CAS#       | LOQ<br>(%) | %  | mg/g | Relative Concentration |
|------------|------------|------------|----|------|------------------------|
| CBD        | 13956-29-1 | 0.001000   | ND | ND   |                        |
| CBN        | 521-35-7   | 0.001000   | ND | ND   |                        |
| d8-THC     | 5957-75-5  | 0.001000   | ND | ND   |                        |
| d10/R9-THC | 95543-62-7 | 0.001000   | ND | ND   |                        |
| d10/S9-THC | 95588-87-7 | 0.001000   | ND | ND   |                        |
| CBC        | 20675-51-8 | 0.001000   | ND | ND   |                        |

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.



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# **Certificate of Analysis**

Final



## Sample #: 16061

# Super Lemon Haze .5g Preroll

| Compound            | CAS#       | LOQ<br>(%) | %  | Relative Concentration |
|---------------------|------------|------------|----|------------------------|
| Beta-pinene         | 127-91-3   | 0.1000     | ND |                        |
| Terpinolene         | 586-62-9   | 0.1000     | ND |                        |
| Ocimene             | 13877-91-3 | 0.1000     | ND |                        |
| Alpha-bisabolol     | 515-69-5   | 0.1000     | ND |                        |
| Caryophyllene-oxide | 1139-30-6  | 0.1000     | ND |                        |
| Geraniol            | 106-24-1   | 0.1000     | ND |                        |
| Camphene            | 79-92-5    | 0.1000     | ND |                        |
| Guaiol              | 489-86-1   | 0.1000     | ND |                        |
| Alpha-terpinene     | 99-86-5    | 0.1000     | ND |                        |
| Terpineol           | 8006-39-1  | 0.1000     | ND |                        |
| Fenchol             | 14575-74-7 | 0.1000     | ND |                        |
| Alpha-phellandrene  | 99-83-2    | 0.1000     | ND |                        |

| Moisture LWG                                      | Pass   | •  | <b>Analysis Date:</b> 06/25/2025 12:53 pn |        |  |
|---|--|--|---|--------|--|
| Compound  | LOQ (%)  | Limits (%)                                 | Result (%)                                | Status |  |
| Moisture  | 1.2  | 0 - 15                                     | 10.5                                      | Pass   |  |
| Comment: Physical chemistry was tested using mois | sture analyzer, water activity meter using P-NY 16 | 60. Unless otherwise stated, all QC passed | d.  |        |  |

| W | ater Activity  | Pass     | 5           | Analysis Date: | <b>Analysis Date:</b> 06/25/2025 12:53 pm |  |  |
|---|--|----------|-------------|----------------|---|--|--|
|   | Compound   | LOQ (Aw) | Limits (Aw) | Result (Aw)    | Status                                    |  |  |
|   | Water Activity   | 0.05     | 0.65        | 0.53           | Pass                                      |  |  |
| C | Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed. |          |             |                |   |  |  |

| Pesticides by LCMSMS |           | Pass       |               | Analysis Date: | <b>Analysis Date:</b> 06/25/2025 4:35 pm |  |  |
|----------------------|-----------|------------|---------------|----------------|--|--|--|
|                      | Compound  | LOQ (μg/g) | Limits (μg/g) | Result (μg/g)  | Status                                   |  |  |
|                      | Abamectin | 0.0100     | 0.500         | ND             | Pass                                     |  |  |

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# **Certificate of Analysis**

Final



## Sample #: 16061

## Super Lemon Haze .5g Preroll

| sticides by LCMSMS   | Pass       | •             | <b>Analysis Date:</b> 06/25/2025 4:35 |        |
|----------------------|------------|---------------|---------------------------------------|--------|
| Compound             | LOQ (μg/g) | Limits (µg/g) | Result (µg/g)                         | Status |
| Acephate             | 0.0100     | 0.400         | ND                                    | Pass   |
| Acequinocyl          | 0.0100     | 2.00          | ND                                    | Pass   |
| Acetamiprid          | 0.0100     | 0.200         | ND                                    | Pass   |
| Aldicarb             | 0.0100     | 0.400         | ND                                    | Pass   |
| Azadirachtin         | 0.0100     | 1.00          | ND                                    | Pass   |
| Azoxystrobin         | 0.0100     | 0.200         | ND                                    | Pass   |
| Bifenazate           | 0.0100     | 0.200         | ND                                    | Pass   |
| Bifenthrin           | 0.0100     | 0.200         | ND                                    | Pass   |
| Boscalid             | 0.0100     | 0.400         | ND                                    | Pass   |
| Captan               | 0.0100     | 1.00          | ND                                    | Pass   |
| Carbaryl             | 0.0100     | 0.200         | ND                                    | Pass   |
| Carbofuran           | 0.0100     | 0.200         | ND                                    | Pass   |
| Chlorantraniliprole  | 0.0100     | 0.200         | ND                                    | Pass   |
| Chlordane-alpha      | 0.0100     | 1.00          | ND                                    | Pass   |
| Chlorfenapyr         | 0.0100     | 1.00          | ND                                    | Pass   |
| Chlormequat Chloride | 0.0100     | 1.00          | ND                                    | Pass   |
| Chlorpyrifos         | 0.0100     | 0.200         | ND                                    | Pass   |
| Clofentezine         | 0.0100     | 0.200         | ND                                    | Pass   |
| Coumaphos            | 0.0100     | 1.00          | ND                                    | Pass   |
| Cyfluthrin           | 0.0100     | 1.00          | ND                                    | Pass   |
| Cypermethrin         | 0.0100     | 1.00          | ND                                    | Pass   |
| Daminozide           | 0.0100     | 1.00          | ND                                    | Pass   |
| Diazinon             | 0.0100     | 0.200         | ND                                    | Pass   |
| Dichlorvos           | 0.0100     | 1.00          | ND                                    | Pass   |
| Dimethoate           | 0.0100     | 0.200         | ND                                    | Pass   |
| Dimethomorph         | 0.0100     | 1.00          | ND                                    | Pass   |

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# **Certificate of Analysis**

Final



## Sample #: 16061

## Super Lemon Haze .5g Preroll

| esticides by LCMSMS     | Pass       | }             | <b>Analysis Date:</b> 06/25/2025 4:35 pn |        |  |
|-------------------------|------------|---------------|--|--------|--|
| Compound                | LOQ (μg/g) | Limits (µg/g) | Result (μg/g)                            | Status |  |
| Ethoprophos             | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Etofenprox              | 0.0100     | 0.400         | ND                                       | Pass   |  |
| Etoxazole               | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Fenhexamid              | 0.0100     | 1.00          | ND                                       | Pass   |  |
| Fenoxycarb              | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Fenpyroximate           | 0.0100     | 0.400         | ND                                       | Pass   |  |
| Fipronil                | 0.0100     | 0.400         | ND                                       | Pass   |  |
| Flonicamid              | 0.0100     | 1.00          | ND                                       | Pass   |  |
| Fludioxonil             | 0.0100     | 0.400         | ND                                       | Pass   |  |
| Hexythiazox             | 0.0100     | 1.00          | ND                                       | Pass   |  |
| lmazalil                | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Imidacloprid            | 0.0100     | 0.400         | ND                                       | Pass   |  |
| Indolebutyric Acid      | 0.0100     | 1.00          | ND                                       | Pass   |  |
| Kresoxim-methyl         | 0.0100     | 0.400         | ND                                       | Pass   |  |
| Malathion               | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Metalaxyl               | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Methiocarb              | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Methomyl                | 0.0100     | 0.400         | ND                                       | Pass   |  |
| Methyl Parathion        | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Mevinphos               | 0.0100     | 1.00          | ND                                       | Pass   |  |
| MGK-264                 | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Myclobutanil            | 0.0100     | 0.200         | ND                                       | Pass   |  |
| Naled                   | 0.0100     | 0.500         | ND                                       | Pass   |  |
| Oxamyl                  | 0.0100     | 1.00          | ND                                       | Pass   |  |
| Paclobutrazol           | 0.0100     | 0.400         | ND                                       | Pass   |  |
| Pentachloronitrobenzene | 0.0100     | 1.00          | ND                                       | Pass   |  |

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# **Certificate of Analysis**

Final



## Sample #: 16061

## Super Lemon Haze .5g Preroll

| sticides by LCMSMS | Pass       | <b>;</b>      | <b>Analysis Date:</b> 06/25/2025 4:35 |        |  |
|--------------------|------------|---------------|---------------------------------------|--------|--|
| Compound           | LOQ (μg/g) | Limits (µg/g) | Result (μg/g)                         | Status |  |
| Permethrins, Total | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Phosmet            | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Piperonyl Butoxide | 0.0100     | 2.00          | ND                                    | Pass   |  |
| Prallethrin        | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Propiconazole      | 0.0100     | 0.400         | ND                                    | Pass   |  |
| Propoxur           | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Pyrethrins Total   | 0.0100     | 1.00          | ND                                    | Pass   |  |
| Pyridaben          | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Spinetoram Total   | 0.0100     | 1.00          | ND                                    | Pass   |  |
| Spinosad Total     | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Spiromesifen       | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Spirotetramat      | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Spiroxamine        | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Tebuconazole       | 0.0100     | 0.400         | ND                                    | Pass   |  |
| Thiacloprid        | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Thiamethoxam       | 0.0100     | 0.200         | ND                                    | Pass   |  |
| Trifloxystrobin    | 0.0100     | 0.200         | ND                                    | Pass   |  |

| Mycotoxins by LCMSMS | Pass       | }             | <b>Analysis Date:</b> 06/25/2025 4:33 pm |        |  |
|----------------------|------------|---------------|--|--------|--|
| Compound             | LOQ (µg/g) | Limits (µg/g) | Result (μg/g)                            | Status |  |
| Aflatoxin B1         | 0.0050     | 0.020         | ND                                       | Pass   |  |
| Aflatoxin B2         | 0.0050     | 0.020         | ND                                       | Pass   |  |
| Aflatoxin G1         | 0.0050     | 0.020         | ND                                       | Pass   |  |
| Aflatoxin G2         | 0.0050     | 0.020         | ND                                       | Pass   |  |
| Ochratoxin A         | 0.0050     | 0.020         | ND                                       | Pass   |  |

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# **Certificate of Analysis**

Final



## Sample #: 16061

## Super Lemon Haze .5g Preroll

| M  | ycotoxins by LCMSMS | Pass       |               | <b>Analysis Date:</b> 06/25/2025 4:33 pt |        |  |
|--|---------------------|------------|---------------|--|--------|--|
|  | Compound            | LOQ (μg/g) | Limits (µg/g) | Result (μg/g)                            | Status |  |
|  | Total Aflatoxin     | 0.0050     | 0.020         | ND                                       | Pass   |  |
| Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed. |                     |            |               |  |        |  |

| eavy Metals by ICPMS                                  | Pass   | }             | <b>Analysis Date:</b> 06/25/2025 5:59 pm |        |  |  |  |  |
|---|--|---------------|--|--------|--|--|--|--|
| Compound  | LOQ (µg/g)   | Limits (µg/g) | Result (μg/g)                            | Status |  |  |  |  |
| Antimony  | 0.0100   | 2.00          | 0.0238                                   | Pass   |  |  |  |  |
| Arsenic   | 0.00100  | 0.200         | ND                                       | Pass   |  |  |  |  |
| Cadmium   | 0.00150  | 0.200         | 0.00283                                  | Pass   |  |  |  |  |
| Chromium  | 0.280  | 110           | 0.725                                    | Pass   |  |  |  |  |
| Copper  | 0.0750   | 30.0          | 5.44                                     | Pass   |  |  |  |  |
| Lead  | 0.00250  | 0.500         | 0.0477                                   | Pass   |  |  |  |  |
| Mercury   | 0.000500   | 0.100         | 0.00425                                  | Pass   |  |  |  |  |
| Nickel  | 0.0100   | 5.00          | ND                                       | Pass   |  |  |  |  |
| omment: Heavy Metal contamination tested by ICPMS usi | omment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed. |               |  |        |  |  |  |  |

| Micro by Petri & qPCR                     | Pass        |                | Analysis Date: 06/26/2025 11:53 am |        |
|---|-------------|----------------|------------------------------------|--------|
| Compound                                  | LOQ (CFU/g) | Limits (CFU/g) | Result (CFU/g)                     | Status |
| Aspergillus flavus Qualitative            | 1           | 0              | Not Detected                       | Pass   |
| Aspergillus fumigatus Qualitative         | 1           | 0              | Not Detected                       | Pass   |
| Aspergillus niger Qualitative             | 1           | 0              | Not Detected                       | Pass   |
| Aspergillus terreus Qualitative           | 1           | 0              | Not Detected                       | Pass   |
| Salmonella Qualitative                    | 1           | 0              | Not Detected                       | Pass   |
| Shiga Toxin-Producing E. coli Qualitative | 1           | 0              | Not Detected                       | Pass   |
| Total Aerobic Bacteria                    | 10          |                | <loq< td=""><td>Pass</td></loq<>   | Pass   |
| Total Yeast & Mold                        | 10          |                | 8000                               | Pass   |
|   |             |                |                                    |        |

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# **Certificate of Analysis**



#### Sample #: 16061

Super Lemon Haze .5g Preroll

Comment:

Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed.

Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence". "Passed" for an adult-use product implies the results contain less than 1,000,000 cfu/g.

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Kelly N Guela

Dr. Kelly Greenland, Lab Director



Page 8 of 8

Report Date: 06/27/2025 6:05:24PN