

## Homestead Hemp 1787

821 Chamberlain Mills rd, Salem, NY, 12865

Devin@revertnyc.com

518-478-4730

License #: OCM-AUCC-2022-000184

## Certificate of Analysis

Final



Date Released: 10/7/2024 10:40:54AM

Report #: 25190

### MOD Grape 14g

Sample #: 6132, Weight: 280.00g, Unit Count:

Order #: X240926-0002

Category/Type: Plant, Flower - Cured

Date Collected: 9/25/2024 5:07:00PM

Date Received: 9/26/2024 9:07:44AM

Date Sampled: 9/25/2024 12:32:00PM

Regulator Sample ID: MG-2-S

Regulator Source Package ID: MG-2-S

Regulator Batch ID: MG-2-S

Size: 7500Units, Unit Count:



Total Cannabinoids  
36.17 %  
69.57 mg/g



Total THC  
31.43 %  
58.13 mg/g



Total CBD  
0.07523 %  
0.7523 mg/g



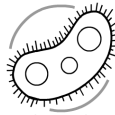
Total Terpenes  
0.000 %



Moisture  
7.2 %



Heavy Metals  
PASS



Microbials  
PASS



Pesticides  
PASS



Mycotoxins  
PASS



Foreign Matter  
PASS



Water Activity  
PASS

### Cannabinoids Avg

Total Cannabinoids: **36.17 % - 69.57 mg/g**

Total THC: **31.43 % - 58.13 mg/g**

Total CBD: **0.07523 % - 0.7523 mg/g**

Date Completed: 09/27/2024 9:44AM

| Compound | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration |
|----------|------------|----------|---------|--------|------------------------|
| THCa     | 23978-85-0 | 0.001000 | 32.45   | 324.5  | <div></div>            |
| d9-THC   | 1972-08-3  | 0.001000 | 2.967   | 29.67  | <div></div>            |
| CBGa     | 25555-57-1 | 0.001000 | 0.3975  | 3.975  | <div></div>            |
| CBG      | 25654-31-3 | 0.001000 | 0.1138  | 1.138  | <div></div>            |
| CBDa     | 1244-58-2  | 0.001000 | 0.08578 | 0.8578 | <div></div>            |
| CBC      | 20675-51-8 | 0.001000 | 0.08345 | 0.8345 | <div></div>            |
| CBN      | 521-35-7   | 0.001000 | 0.05871 | 0.5871 | <div></div>            |

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| Compound   | CAS#       | LOQ (%)  | %        | mg/g    | Relative Concentration |
|------------|------------|----------|----------|---------|------------------------|
| THCV       | 31262-37-0 | 0.001000 | 0.006370 | 0.06370 |                        |
| CBDV       | 24274-48-4 | 0.001000 | ND       | ND      |                        |
| CBD        | 13956-29-1 | 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      |                        |

**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.

## Terpenes by HS-GC-MS

Date Completed: 09/27/2024 9:39AM

| Compound           | CAS#       | LOQ (%) | %  | Relative Concentration |
|--------------------|------------|---------|----|------------------------|
| Beta-myrcene       | 123-35-3   | 0.1000  | ND |                        |
| Beta-caryophyllene | 87-44-5    | 0.1000  | ND |                        |
| Limonene           | 5989-27-5  | 0.1000  | ND |                        |
| Alpha-pinene       | 80-56-8    | 0.1000  | ND |                        |
| Alpha-humulene     | 6753-98-6  | 0.1000  | ND |                        |
| Linalool           | 78-70-6    | 0.1000  | ND |                        |
| Beta-pinene        | 127-91-3   | 0.1000  | ND |                        |
| Terpinolene        | 586-62-9   | 0.1000  | ND |                        |
| Ocimene            | 13877-91-3 | 0.1000  | ND |                        |

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| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| 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 |                        |
| Valencene           | 4630-07-3  | 0.1000  | ND |                        |
| Alpha-phellandrene  | 99-83-2    | 0.1000  | ND |                        |
| Farnesene           | 502-61-4   | 0.1000  | ND |                        |

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

### Foreign Matter by Microscopy

Pass

Analysis Date: 09/26/2024 1:05 pm

| Compound          | LOQ (%) | Limits (%) | Result (%) | Status |
|-------------------|---------|------------|------------|--------|
| % Foreign Matter  | 0.00100 | 2.0        | ND         | Pass   |
| Mammalian Excreta | 0.00100 | 0.03       | ND         | Pass   |
| Stems             | 0.00100 | 5.0        | ND         | Pass   |

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

### Moisture LWG

Pass

Analysis Date: 09/26/2024 1:05 pm

| Compound | LOQ (%) | Limits (%) | Result (%) | Status |
|----------|---------|------------|------------|--------|
| Moisture | 1.2     | 5 - 15     | 7.2        | Pass   |

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

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Sample #: 6132 MOD Grape 14g

| Water Activity                                                                                                                               |          | Pass        |             | Analysis Date: 09/26/2024 1:05 pm |  |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-------------|-----------------------------------|--|
| Compound                                                                                                                                     | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status                            |  |
| Water Activity                                                                                                                               | 0.05     | 0.65        | 0.48        | Pass                              |  |
| 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: 09/27/2024 11:54 am |  |
|----------------------|------------|---------------|---------------|------------------------------------|--|
| Compound             | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status                             |  |
| Abamectin            | 0.0100     | 0.500         | ND            | Pass                               |  |
| 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                               |  |

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MOD Grape 14g

## Pesticides by LCMSMS

Pass

Analysis Date: 09/27/2024 11:54 am

| Compound           | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|--------------------|------------|---------------|---------------|--------|
| 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   |
| 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   |
| Imazalil           | 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   |

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MOD Grape 14g

## Pesticides by LCMSMS

Pass

Analysis Date: 09/27/2024 11:54 am

| Compound                | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-------------------------|------------|---------------|---------------|--------|
| 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   |
| 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   |

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

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**Sample #: 6132****MOD Grape 14g****Mycotoxins by LCMSMS****Pass****Analysis Date:** 09/27/2024 11:54 am

| 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   |
| Total Aflatoxin | 0.0050     | 0.020         | ND            | Pass   |

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

**Heavy Metals by ICPMS****Pass****Analysis Date:** 10/04/2024 4:13 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 2.00          | 0.0109        | Pass   |
| Arsenic  | 0.00100    | 0.200         | ND            | Pass   |
| Cadmium  | 0.00150    | 0.200         | 0.00785       | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | 5.46          | Pass   |
| Lead     | 0.00250    | 0.500         | 0.0345        | Pass   |
| Mercury  | 0.000500   | 0.100         | 0.00346       | Pass   |
| Nickel   | 0.0100     | 5.00          | 1.08          | Pass   |

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

**Micro by Petri & qPCR****Pass****Analysis Date:** 09/30/2024 8:03 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   |

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Sample #: 6132 MOD Grape 14g

| Micro by Petri & qPCR                                                                                                                                                                                                                                                                                                                                                                  |             | Pass           |                | Analysis Date: 09/30/2024 8:03 am |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------|-----------------------------------|--|
| Compound                                                                                                                                                                                                                                                                                                                                                                               | LOQ (CFU/g) | Limits (CFU/g) | Result (CFU/g) | Status                            |  |
| Salmonella Qualitative                                                                                                                                                                                                                                                                                                                                                                 | 1           | 0              | Not Detected   | Pass                              |  |
| Shiga Toxin-Producing E. coli Qualitative                                                                                                                                                                                                                                                                                                                                              | 1           | 0              | Not Detected   | Pass                              |  |
| Total Aerobic Bacteria                                                                                                                                                                                                                                                                                                                                                                 | 10          |                | <LOQ           | Pass                              |  |
| Total Yeast & Mold                                                                                                                                                                                                                                                                                                                                                                     | 10          |                | 3000           | Pass                              |  |
| Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed.<br>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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