

## Back Home Farm

2387 Lucas Tpk, High Falls, NY 12440

Will@backhomefarmny.com

732-673-6442

License #: OCM-MICR-24-000133

# Certificate of Analysis

Final



Date Released: 8/12/2025 10:12:13AM

Report #: 74673

## Acapulco Gold 14G

Sample #: 17320, Weight: 182.00g, Unit Count:

Order #: X250806-0003

Category/Type: Plant, Flower - Cured

Date Collected: 8/5/2025 4:00:00PM

Date Received: 8/6/2025 10:46:13AM

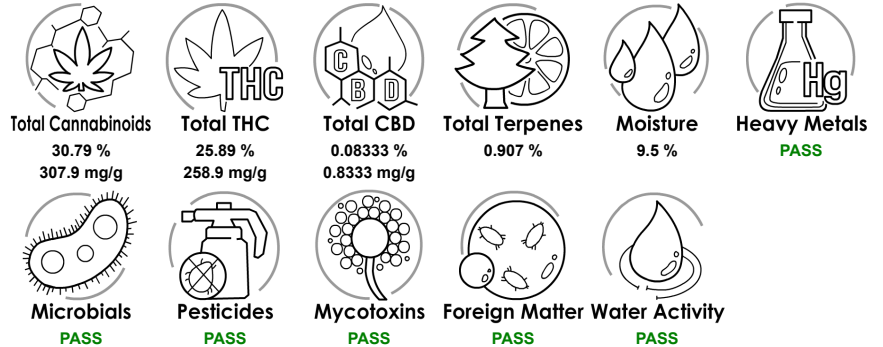
Date Sampled: 8/5/2025 10:15:00AM

Regulator Sample ID: AG1408

Regulator Source Package ID: AG1408

Regulator Batch ID: AG1408

Size: 3200Units, Unit Count:



## Cannabinoids Avg

Total Cannabinoids: **30.79 % - 307.9 mg/g**

Total THC: **25.89 % - 258.9 mg/g**

Total CBD: **0.08333 % - 0.8333 mg/g**

Date Completed: 08/11/2025 11:21AM

| Compound | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration |
|----------|------------|----------|---------|--------|------------------------|
| THCa     | 23978-85-0 | 0.001000 | 27.67   | 276.7  |                        |
| d9-THC   | 1972-08-3  | 0.001000 | 1.602   | 16.02  |                        |
| CBGa     | 25555-57-1 | 0.001000 | 1.244   | 12.44  |                        |
| CBG      | 25654-31-3 | 0.001000 | 0.1122  | 1.122  |                        |
| CBDa     | 1244-58-2  | 0.001000 | 0.09502 | 0.9502 |                        |
| CBC      | 20675-51-8 | 0.001000 | 0.05224 | 0.5224 |                        |
| d8-THC   | 5957-75-5  | 0.001000 | 0.01893 | 0.1893 |                        |

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measurement uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E

Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

*Kelly Greenland*

Dr. Kelly Greenland, Lab Director



**Back Home Farm**

2387 Lucas Tpk, High Falls, NY 12440

Will@backhomefarmny.com

732-673-6442

License #: OCM-MICR-24-000133

**Certificate of Analysis**

Final

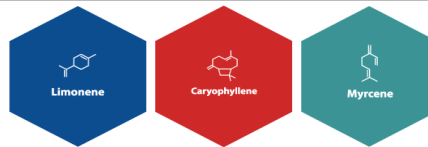
**Sample #: 17320****Acapulco Gold 14G**

| Compound   | CAS#       | LOQ (%)  | %  | mg/g | Relative Concentration |
|------------|------------|----------|----|------|------------------------|
| CBDV       | 24274-48-4 | 0.001000 | ND | ND   |                        |
| THCV       | 31262-37-0 | 0.001000 | ND | ND   |                        |
| CBD        | 13956-29-1 | 0.001000 | ND | ND   |                        |
| CBN        | 521-35-7   | 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: 08/07/2025 5:37PM



| Compound                    | CAS#      | LOQ (%) | %      | Relative Concentration |
|-----------------------------|-----------|---------|--------|------------------------|
| Limonene                    | 5989-27-5 | 0.1000  | 0.2347 | <div></div>            |
| Beta-caryophyllene          | 87-44-5   | 0.1000  | 0.2249 | <div></div>            |
| Beta-myrcene                | 123-35-3  | 0.1000  | 0.1204 | <div></div>            |
| Valencene                   | 4630-07-3 | 0.1000  | 0.1121 | <div></div>            |
| Farnesene                   | 502-61-4  | 0.1000  | 0.1090 | <div></div>            |
| Linalool                    | 78-70-6   | 0.1000  | 0.1062 | <div></div>            |
| Results based on dry weight |           |         |        |                        |
| Alpha-pinene                | 80-56-8   | 0.1000  | ND     |                        |
| Alpha-humulene              | 6753-98-6 | 0.1000  | ND     |                        |

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measurement uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.

**Keystone State Testing of New York**  
1809 Vestal Pkwy EVestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

Dr. Kelly Greenland, Lab Director





Sample #: 17320 Acapulco Gold 14G

| Compound            | CAS#       | LOQ (%) | %  | 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 |                        |

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

| Foreign Matter by Microscopy |         |            | Pass       | Analysis Date: 08/11/2025 12:01 pm |  |
|------------------------------|---------|------------|------------|------------------------------------|--|
| Compound                     | LOQ (%) | Limits (%) | Result (%) | Status                             |  |
| % Filth                      | 0.00100 | 2.0        | ND         | Pass                               |  |
| % Mammalian Excreta          | 0.00100 | 5.0        | ND         | Pass                               |  |
| % Stems                      | 0.00100 | 0.03       | ND         | Pass                               |  |

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

| Moisture by Analyzer |         |            | Pass       | Analysis Date: 08/11/2025 12:01 pm |  |
|----------------------|---------|------------|------------|------------------------------------|--|
| Compound             | LOQ (%) | Limits (%) | Result (%) | Status                             |  |
| Moisture             | 1.2     | 0 - 15     | 9.5        | Pass                               |  |

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

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.  
Results based on simple acceptance, not taking into consideration measurement uncertainty.  
If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Sample #: 17320 Acapulco Gold 14G

| Water Activity by Meter                                                                                                                      |          | Pass        |             | Analysis Date: 08/11/2025 12:01 pm |  |
|----------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|-------------|------------------------------------|--|
| Compound                                                                                                                                     | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status                             |  |
| Water Activity                                                                                                                               | 0.05     | 0.65        | 0.40        | 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: 08/09/2025 1:19 pm |  |
|----------------------|------------|---------------|---------------|-----------------------------------|--|
| 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                              |  |

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.  
Results based on simple acceptance, not taking into consideration measurement uncertainty.  
If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E  
  
Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

*Kelly Greenland*  
Dr. Kelly Greenland, Lab Director



**Back Home Farm**

2387 Lucas Tpk, High Falls, NY 12440

Will@backhomefarmny.com

732-673-6442

License #: OCM-MICR-24-000133

**Certificate of Analysis**

Final

**Sample #: 17320****Acapulco Gold 14G****Pesticides by LCMSMS****Pass****Analysis Date: 08/09/2025 1:19 pm**

| 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   |

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measurement uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



**Keystone State Testing of New York**  
1809 Vestal Pkwy E

Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

Dr. Kelly Greenland, Lab Director



**Back Home Farm**

2387 Lucas Tpk, High Falls, NY 12440

Will@backhomefarmny.com

732-673-6442

License #: OCM-MICR-24-000133

**Certificate of Analysis**

Final

**Sample #: 17320****Acapulco Gold 14G****Pesticides by LCMSMS****Pass****Analysis Date: 08/09/2025 1:19 pm**

| 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.

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measurement uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.

**Keystone State Testing of New York**  
1809 Vestal Pkwy EVestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

Dr. Kelly Greenland, Lab Director



**Back Home Farm**

2387 Lucas Tpk, High Falls, NY 12440

Will@backhomefarmny.com

732-673-6442

License #: OCM-MICR-24-000133

**Certificate of Analysis**

Final

**Sample #: 17320****Acapulco Gold 14G****Mycotoxins by LCMSMS****Pass****Analysis Date:** 08/09/2025 1:19 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   |
| 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:** 08/07/2025 9:52 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 2.00          | ND            | Pass   |
| Arsenic  | 0.00100    | 0.200         | ND            | Pass   |
| Cadmium  | 0.00150    | 0.200         | 0.00688       | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | ND            | Pass   |
| Lead     | 0.00250    | 0.500         | 0.0457        | Pass   |
| Mercury  | 0.000500   | 0.100         | ND            | Pass   |
| Nickel   | 0.0100     | 5.00          | ND            | Pass   |

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

**Micro by Petri & qPCR****Pass****Analysis Date:** 08/09/2025 1:17 pm

| 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   |

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measurement uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.

**Keystone State Testing of New York**  
1809 Vestal Pkwy EVestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

Dr. Kelly Greenland, Lab Director





Sample #: 17320

Acapulco Gold 14G

| Micro by Petri & qPCR                                                                                                                                                                                                                                                                                                                                                                  |             | Pass           |                | Analysis Date: 08/09/2025 1:17 pm |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|----------------|-----------------------------------|--|
| 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          |                | 1500           | 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. |             |                |                |                                   |  |

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.  
Results based on simple acceptance, not taking into consideration measuremental uncertainty.  
If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York  
1809 Vestal Pkwy E  
Vestal, NY 13850  
(607)301-0884  
InfoNY@KeystoneStateTesting.com  
www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

Dr. Kelly Greenland, Lab Director

