

High End Processing

73 Railroad Ave, Spencer, NY, 14883

Jeff@HighEndProcessing.com

607-351-8496

License #: OCM-PROC-24-000090

Certificate of Analysis

Final



Date Released: 12/23/2024 9:26:51AM

Report #: 35622

Bloom Vape GMO Cookies 1.0g

Sample #: 8513, Weight: 13.00g, Unit Count:

Order #: X241216-0001

Category/Type: Concentrates & Extract, Vape Cartridge

Date Collected: 12/16/2024 10:35:11AM

Date Received: 12/18/2024 5:32:41AM

Date Sampled: 12/16/2024 12:25:00PM

Regulator Sample ID: GMO Cookies

Regulator Source Package ID: BV-2110-001

Regulator Batch ID: BV-2110-001

Size: 1500Units, Unit Count:



Total Cannabinoids
89.9 %
899.1 mg/g



Total THC
84.4 %
843.9 mg/g



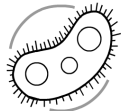
Total CBD
1.12 %
11.21 mg/g



Total Terpenes
4.777 %



Heavy Metals
PASS



Microbials
PASS



Residual Solvents
PASS



Pesticides
PASS



Mycotoxins
PASS

Potency Analysis by HPLC

Total Cannabinoids: 89.9 % - 899.1 mg/g

Total THC: 84.4 % - 843.9 mg/g

Total CBD: 1.12 % - 11.21 mg/g

Date Completed: 12/19/2024 6:08PM

| Compound | CAS# | LOQ (%) | % | mg/g | Relative Concentration |
|----------|------------|----------|--------|-------|------------------------|
| d9-THC | 1972-08-3 | 0.001000 | 84.09 | 840.9 | <div></div> |
| CBG | 25654-31-3 | 0.001000 | 1.762 | 17.62 | <div></div> |
| CBD | 13956-29-1 | 0.001000 | 1.121 | 11.21 | <div></div> |
| CBC | 20675-51-8 | 0.001000 | 1.111 | 11.11 | <div></div> |
| THCV | 31262-37-0 | 0.001000 | 0.6917 | 6.917 | <div></div> |
| CBN | 521-35-7 | 0.001000 | 0.6660 | 6.660 | <div></div> |

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



High End Processing

73 Railroad Ave, Spencer, NY, 14883

Jeff@HighEndProcessing.com

607-351-8496

License #: OCM-PROC-24-000090

Certificate of Analysis

Final



Sample #: 8513

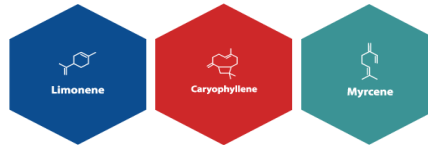
Bloom Vape GMO Cookies 1.0g

| Compound | CAS# | LOQ (%) | % | mg/g | Relative Concentration |
|------------|------------|----------|--------|-------|------------------------|
| THCa | 23978-85-0 | 0.001000 | 0.2170 | 2.170 | |
| CBGa | 25555-57-1 | 0.001000 | 0.1396 | 1.396 | |
| d8-THC | 5957-75-5 | 0.001000 | 0.1117 | 1.117 | |
| d10/R9-THC | | 0.001000 | ND | ND | |
| d10/S9-THC | | 0.001000 | ND | ND | |
| CBDa | 1244-58-2 | 0.001000 | ND | ND | |
| CBDV | 24274-48-4 | 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: 12/20/2024 11:06AM



| Compound | CAS# | LOQ (%) | % | Relative Concentration |
|--------------------|------------|---------|--------|------------------------|
| Ocimene | 13877-91-3 | 0.1000 | 1.388 | |
| Limonene | 5989-27-5 | 0.1000 | 1.336 | |
| Beta-caryophyllene | 87-44-5 | 0.1000 | 0.4837 | |
| Beta-myrcene | 123-35-3 | 0.1000 | 0.3876 | |
| Alpha-pinene | 80-56-8 | 0.1000 | 0.2984 | |
| Terpinolene | 586-62-9 | 0.1000 | 0.2256 | |
| Linalool | 78-70-6 | 0.1000 | 0.1928 | |
| Valencene | 4630-07-3 | 0.1000 | 0.1749 | |

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



High End Processing

73 Railroad Ave, Spencer, NY, 14883

Jeff@HighEndProcessing.com

607-351-8496

License #: OCM-PROC-24-000090

Certificate of Analysis

Final



Sample #: 8513

Bloom Vape GMO Cookies 1.0g

| Compound | CAS# | LOQ (%) | % | Relative Concentration |
|-----------------------------|------------|---------|--------|------------------------|
| Beta-pinene | 127-91-3 | 0.1000 | 0.1714 | <div></div> |
| Alpha-humulene | 6753-98-6 | 0.1000 | 0.1185 | <div></div> |
| Results based on dry weight | | | | |
| 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 | |
| Guaial | 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 | |
| Farnesene | 502-61-4 | 0.1000 | ND | |

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

Pesticides by LCMSMS

Pass

Analysis Date: 12/21/2024 4:50 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 |

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



High End Processing

73 Railroad Ave, Spencer, NY, 14883

Jeff@HighEndProcessing.com

607-351-8496

License #: OCM-PROC-24-000090

Certificate of Analysis

Final



Sample #: 8513

Bloom Vape GMO Cookies 1.0g

Pesticides by LCMSMS

Pass

Analysis Date: 12/21/2024 4:50 pm

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

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



High End Processing

73 Railroad Ave, Spencer, NY, 14883

Jeff@HighEndProcessing.com

607-351-8496

License #: OCM-PROC-24-000090

Certificate of Analysis

Final



Sample #: 8513

Bloom Vape GMO Cookies 1.0g

Pesticides by LCMSMS

Pass

Analysis Date: 12/21/2024 4:50 pm

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

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





Sample #: 8513

Bloom Vape GMO Cookies 1.0g

Pesticides by LCMSMS

Pass

Analysis Date: 12/21/2024 4:50 pm

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

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 12/20/2024 6:08 pm

| Compound | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|---------------------------|-----------|--------------|--------------|--------|
| 1,2-Dichloroethane | 0.0500 | 5.00 | ND | Pass |
| Acetone | 50.00 | 5000 | ND | Pass |
| Acetonitrile | 50.00 | 410 | ND | Pass |
| Benzene | 0.5000 | 2.00 | ND | Pass |
| Butanes Total | 25.00 | 5000 | ND | Pass |
| Chloroform | 0.5000 | 60.0 | ND | Pass |
| Dimethyl Sulfoxide (DMSO) | 50.00 | 5000 | ND | Pass |
| Ethanol | 50.00 | 5000 | ND | Pass |
| Ethyl acetate | 50.00 | 5000 | ND | Pass |
| Ethyl ether | 50.00 | 5000 | ND | Pass |
| Freon | 50.00 | 1000 | ND | Pass |
| Heptane | 50.00 | 5000 | ND | Pass |
| Hexanes Total | 10.00 | 290 | ND | Pass |
| Isopropanol | 50.00 | 5000 | 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



High End Processing

73 Railroad Ave, Spencer, NY, 14883

Jeff@HighEndProcessing.com

607-351-8496

License #: OCM-PROC-24-000090

Certificate of Analysis

Final



Sample #: 8513

Bloom Vape GMO Cookies 1.0g

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 12/20/2024 6:08 pm

| Compound | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|--------------------------|-----------|--------------|--------------|--------|
| Methanol | 50.00 | 3000 | ND | Pass |
| Methylene chloride | 50.00 | 600 | ND | Pass |
| Pentanes Total | 16.70 | 5000 | ND | Pass |
| Propane | 50.00 | 5000 | ND | Pass |
| Toluene | 50.00 | 890 | ND | Pass |
| Total xylenes | 25.00 | 2170 | ND | Pass |
| Trichloroethane (1,1,1-) | 50.00 | 1500 | ND | Pass |

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

Mycotoxins by LCMSMS

Pass

Analysis Date: 12/21/2024 4:50 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: 12/20/2024 11:08 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100 | 2.00 | 0.0247 | Pass |
| Arsenic | 0.00100 | 0.200 | ND | Pass |
| Cadmium | 0.00150 | 0.300 | ND | Pass |
| Chromium | 0.280 | 110 | ND | Pass |
| Copper | 0.0750 | 30.0 | 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



High End Processing

73 Railroad Ave, Spencer, NY, 14883

Jeff@HighEndProcessing.com

607-351-8496

License #: OCM-PROC-24-000090

Certificate of Analysis

Final



Sample #: 8513

Bloom Vape GMO Cookies 1.0g

Heavy Metals by ICPMS

Pass

Analysis Date: 12/20/2024 11:08 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Lead | 0.00250 | 0.500 | 0.00770 | Pass |
| Mercury | 0.000500 | 0.100 | ND | Pass |
| Nickel | 0.0100 | 2.00 | 0.0507 | Pass |

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

Micro by Petri & qPCR

Pass

Analysis Date: 12/19/2024 1:36 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 |
| Salmonella Qualitative | 1 | 0 | Not Detected | Pass |
| Shiga Toxin-Producing E. coli Qualitative | 1 | 0 | Not Detected | Pass |
| Total Aerobic Bacteria | 10 | 10000 | <LOQ | Pass |
| Total Yeast & Mold | 10 | 1000 | <LOQ | Pass |

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.

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

