

# 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: 3/28/2025 9:46:31AM

Report #: 51018

## Bloom Vape Blue Cookies 1.0g

Sample #: 12901, Weight: 13.00g, Unit Count:  
Order #: X250320-0003

Category/Type: Concentrates & Extract, Vape Cartridge

Date Collected: 3/20/2025 6:00:00PM

Date Received: 3/21/2025 11:26:33AM

Date Sampled: 3/20/2025 9:20:00AM

Regulator Sample ID: BV-4110-002

Regulator Source Package ID: BV-4110-002

Regulator Batch ID: BV-4110-002

Size: 2150Units, Unit Count:



Total Cannabinoids  
90.26 %  
902.6 mg/g



Total THC  
86.29 %  
862.9 mg/g



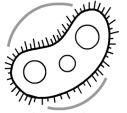
Total CBD  
0.2731 %  
2.731 mg/g



Total Terpenes  
3.223 %



Heavy Metals  
PASS



Microbials  
PASS



Residual Solvents  
PASS



Pesticides  
PASS



Mycotoxins  
PASS

## Potency Analysis by HPLC

Total Cannabinoids: **90.26 % - 902.6 mg/g**  
Total THC: **86.29 % - 862.9 mg/g**  
Total CBD: **0.2731 % - 2.731 mg/g**

Date Completed: 03/24/2025 10:06AM

| Compound | CAS#       | LOQ (%)  | %      | mg/g  | Relative Concentration              |
|----------|------------|----------|--------|-------|-------------------------------------|
| d9-THC   | 1972-08-3  | 0.001000 | 86.29  | 862.9 | <div style="width: 86.29%;"></div>  |
| CBG      | 25654-31-3 | 0.001000 | 1.602  | 16.02 | <div style="width: 1.602%;"></div>  |
| CBN      | 521-35-7   | 0.001000 | 1.123  | 11.23 | <div style="width: 1.123%;"></div>  |
| THCV     | 31262-37-0 | 0.001000 | 0.5660 | 5.660 | <div style="width: 0.5660%;"></div> |
| CBC      | 20675-51-8 | 0.001000 | 0.4087 | 4.087 | <div style="width: 0.4087%;"></div> |
| CBD      | 13956-29-1 | 0.001000 | 0.2731 | 2.731 | <div style="width: 0.2731%;"></div> |

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*Kelly Greenland*

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| Compound   | CAS#       | LOQ (%)  | %  | mg/g | Relative Concentration |
|------------|------------|----------|----|------|------------------------|
| THCa       | 23978-85-0 | 0.001000 | ND | ND   |                        |
| d8-THC     | 5957-75-5  | 0.001000 | ND | ND   |                        |
| 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   |                        |
| CBGa       | 25555-57-1 | 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: 03/26/2025 4:25PM



| Compound                    | CAS#      | LOQ (%) | %      | Relative Concentration |
|-----------------------------|-----------|---------|--------|------------------------|
| Beta-myrcene                | 123-35-3  | 0.1000  | 1.686  |                        |
| Alpha-pinene                | 80-56-8   | 0.1000  | 0.8341 |                        |
| Beta-pinene                 | 127-91-3  | 0.1000  | 0.3436 |                        |
| Limonene                    | 5989-27-5 | 0.1000  | 0.2555 |                        |
| Terpinolene                 | 586-62-9  | 0.1000  | 0.1042 |                        |
| Results based on dry weight |           |         |        |                        |
| Beta-caryophyllene          | 87-44-5   | 0.1000  | ND     |                        |
| Alpha-humulene              | 6753-98-6 | 0.1000  | ND     |                        |

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| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Linalool            | 78-70-6    | 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 |                        |
| 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.

## Pesticides by LCMSMS

Pass

Analysis Date: 03/26/2025 4:20 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   |

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Pass

Analysis Date: 03/26/2025 4:20 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   |
| Chloromequat 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   |
| Fonicamid             | 0.0100     | 1.00          | ND            | Pass   |
| Fludioxonil           | 0.0100     | 0.400         | ND            | Pass   |

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Sample #: 12901

Bloom Vape Blue Cookies 1.0g

## Pesticides by LCMSMS

Pass

Analysis Date: 03/26/2025 4:20 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   |
| 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   |
| 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   |

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Sample #: 12901

Bloom Vape Blue Cookies 1.0g

Pesticides by LCMSMS

Pass

Analysis Date: 03/26/2025 4:20 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: 03/24/2025 10:54 am

| 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   |

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Bloom Vape Blue Cookies 1.0g

## Residual Solvents by HS-GC-MS

Pass

Analysis Date: 03/24/2025 10:54 am

| 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: 03/26/2025 4:19 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: 03/24/2025 12:01 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 2.00          | ND            | Pass   |
| Arsenic  | 0.00100    | 0.200         | 0.00919       | Pass   |
| Cadmium  | 0.00150    | 0.300         | ND            | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | ND            | Pass   |

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## Heavy Metals by ICPMS

Pass

Analysis Date: 03/24/2025 12:01 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Lead     | 0.00250    | 0.500         | 0.00922       | Pass   |
| Mercury  | 0.000500   | 0.100         | ND            | Pass   |
| Nickel   | 0.0100     | 2.00          | 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: 03/24/2025 9:49 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          | 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.

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