



Date Released: 6/18/2025 10:42:07AM

Report #: 64904

### Moonrocks Blueberry

Sample #: 15558, Weight: 84.00g, Unit Count:  
Order #: X250530-0003

Category/Type: Plant, Flower Enhanced

Date Collected: 5/29/2025 4:44:00PM

Date Received: 5/30/2025 2:36:29PM

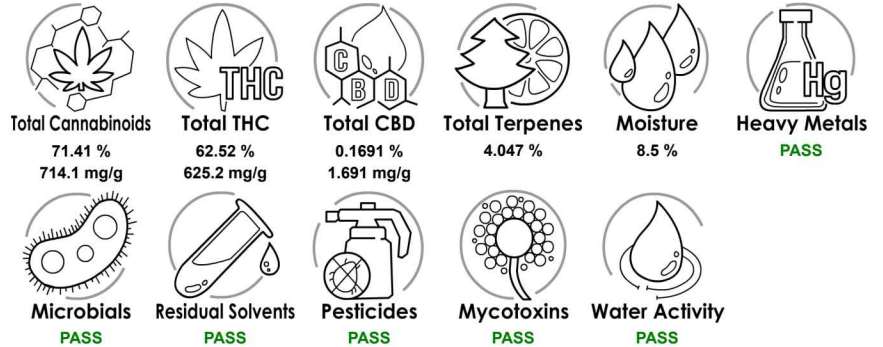
Date Sampled: 5/29/2025 12:56:00PM

Regulator Sample ID: VHMNRKBM08

Regulator Source Package ID: VHMNRKBM08

Regulator Batch ID: VHMNRKBM08

Size: 5000Units, Unit Count:



### Cannabinoids Avg

Total Cannabinoids: **71.41 % - 714.1 mg/g**  
Total THC: **62.52 % - 625.2 mg/g**  
Total CBD: **0.1691 % - 1.691 mg/g**

Date Completed: 06/02/2025 1:06PM

| Compound | CAS#       | LOQ (%)  | %      | mg/g  | Relative Concentration |
|----------|------------|----------|--------|-------|------------------------|
| THCa     | 23978-85-0 | 0.001000 | 50.67  | 506.7 | <div></div>            |
| d9-THC   | 1972-08-3  | 0.001000 | 18.08  | 180.8 | <div></div>            |
| CBGa     | 25555-57-1 | 0.001000 | 1.053  | 10.53 | <div></div>            |
| CBG      | 25654-31-3 | 0.001000 | 0.6387 | 6.387 | <div></div>            |
| CBN      | 521-35-7   | 0.001000 | 0.4048 | 4.048 | <div></div>            |
| CBC      | 20675-51-8 | 0.001000 | 0.2021 | 2.021 | <div></div>            |
| THCV     | 31262-37-0 | 0.001000 | 0.1837 | 1.837 | <div></div>            |

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Permit #: OCM-CPL-00007

*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





Sample #: 15558

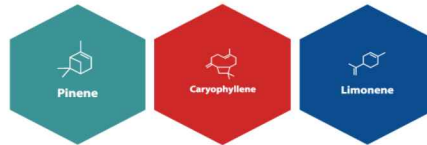
Moonrocks Blueberry

| Compound   | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration |
|------------|------------|----------|---------|--------|------------------------|
| CBDa       | 1244-58-2  | 0.001000 | 0.09798 | 0.9798 |                        |
| CBD        | 13956-29-1 | 0.001000 | 0.08318 | 0.8318 |                        |
| CBDV       | 24274-48-4 | 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: 06/06/2025 4:47PM



| Compound           | CAS#      | LOQ (%) | %      | Relative Concentration |
|--------------------|-----------|---------|--------|------------------------|
| Alpha-pinene       | 80-56-8   | 0.1000  | 1.757  |                        |
| Beta-caryophyllene | 87-44-5   | 0.1000  | 0.7210 |                        |
| Limonene           | 5989-27-5 | 0.1000  | 0.4443 |                        |
| Terpinolene        | 586-62-9  | 0.1000  | 0.2643 |                        |
| Farnesene          | 502-61-4  | 0.1000  | 0.2595 |                        |
| Beta-pinene        | 127-91-3  | 0.1000  | 0.2440 |                        |
| Alpha-humulene     | 6753-98-6 | 0.1000  | 0.1911 |                        |
| Beta-myrcene       | 123-35-3  | 0.1000  | 0.1655 |                        |

Results based on dry weight

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Sample #: 15558

Moonrocks Blueberry

| 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 |                        |

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

### Moisture LWG

Pass

Analysis Date: 06/05/2025 4:35 pm

| Compound | LOQ (%) | Limits (%) | Result (%) | Status |
|----------|---------|------------|------------|--------|
| Moisture | 1.2     | 0 - 15     | 8.5        | Pass   |

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

### Water Activity

Pass

Analysis Date: 06/05/2025 4:35 pm

| Compound       | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status |
|----------------|----------|-------------|-------------|--------|
| Water Activity | 0.05     | 0.65        | 0.39        | 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: 06/06/2025 4:44 pm

| Compound  | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------|------------|---------------|---------------|--------|
| Abamectin | 0.0100     | 0.500         | ND            | Pass   |

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**Sample #: 15558**

**Moonrocks Blueberry**

**Pesticides by LCMSMS**

**Pass**

**Analysis Date: 06/06/2025 4:44 pm**

| 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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*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





**Sample #: 15558**

**Moonrocks Blueberry**

**Pesticides by LCMSMS**

**Pass**

**Analysis Date: 06/06/2025 4:44 pm**

| 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   |
| 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   |

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**Sample #: 15558**

**Moonrocks Blueberry**

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 06/06/2025 4:44 pm

| 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   |

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

**Residual Solvents by HS-GC-MS**

**Pass**

Analysis Date: 06/06/2025 6:37 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   |

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Dr. Kelly Greenland, Lab Director





**Sample #: 15558**

**Moonrocks Blueberry**

**Residual Solvents by HS-GC-MS**

**Pass**

**Analysis Date:** 06/06/2025 6:37 pm

| Compound                  | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|---------------------------|-----------|--------------|--------------|--------|
| 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   |
| 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:** 06/06/2025 4:44 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   |

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Sample #: 15558

Moonrocks Blueberry

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

Heavy Metals by ICPMS

Pass

Analysis Date: 06/06/2025 5:05 pm

| 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         | 0.0320        | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | 6.79          | Pass   |
| Lead     | 0.00250    | 0.500         | 0.123         | Pass   |
| Mercury  | 0.000500   | 0.100         | ND            | Pass   |
| Nickel   | 0.0100     | 5.00          | 0.199         | Pass   |

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

Micro by Petri & qPCR

Pass

Analysis Date: 06/04/2025 9:26 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          | 10000          | Pass   |
| Total Yeast & Mold                        | 10          | 1000           | 800            | 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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