

# Greener Standards Inc

472 Race Road, Greene, NY 13778

greenerstandards@gmail.com

845-546-5242

License #: OCM-PROC-24-00032

# Certificate of Analysis

Final



Date Released: 9/30/2025 4:28:15PM

Report #: 85552

## Boss OG

Sample #: 20185, Weight: 70.00g, Unit Count:

Order #: X250919-0100

Category/Type: Plant, Flower - Cured

Date Collected: 9/19/2025 6:00:00PM

Date Received: 9/19/2025 6:43:38PM

Date Sampled: 9/19/2025 4:50:00PM

Regulator Sample ID: BOOG15GH3A

Regulator Source Package ID: BOOG15GH3A

Regulator Batch ID: BOOG15GH3A

Size: 10000Units, Unit Count:



Total Cannabinoids  
37.96 %  
379.6 mg/g



Total THC  
31.93 %  
319.3 mg/g



Total CBD  
0.1113 %  
1.113 mg/g



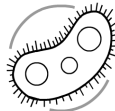
Total Terpenes  
2.561 %



Moisture  
13.0 %



Heavy Metals  
PASS



Microbials  
PASS



Pesticides  
PASS



Mycotoxins  
PASS



Foreign Matter  
PASS



Water Activity  
PASS

## Cannabinoids Avg

Total Cannabinoids: 37.96 % - 379.6 mg/g

Total THC: 31.93 % - 319.3 mg/g

Total CBD: 0.1113 % - 1.113 mg/g

Date Completed: 09/26/2025 5:35PM

| Compound   | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration |
|------------|------------|----------|---------|--------|------------------------|
| THCa       | 23978-85-0 | 0.001000 | 35.45   | 354.5  | <div></div>            |
| CBGa       | 25555-57-1 | 0.001000 | 1.379   | 13.79  | <div></div>            |
| d9-THC     | 1972-08-3  | 0.001000 | 0.7174  | 7.174  | <div></div>            |
| CBG        | 25654-31-3 | 0.001000 | 0.1622  | 1.622  | <div></div>            |
| CBDa       | 1244-58-2  | 0.001000 | 0.1269  | 1.269  | <div></div>            |
| d8-THC     | 5957-75-5  | 0.001000 | 0.08191 | 0.8191 | <div></div>            |
| d10/S9-THC | 95588-87-7 | 0.001000 | 0.04360 | 0.4360 | <div></div>            |

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*Kelly Greenland*

Dr. Kelly Greenland, Lab Director



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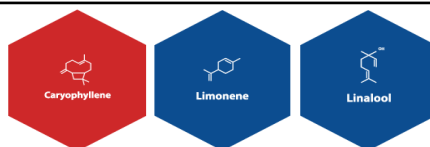
**Certificate of Analysis**

Final

**Sample #: 20185****Boss OG**

| 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   |                        |
| CBC        | 20675-51-8 | 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: 09/26/2025 6:38PM**

| Compound           | CAS#       | LOQ (%) | %      | Relative Concentration |
|--------------------|------------|---------|--------|------------------------|
| Ocimene            | 13877-91-3 | 0.1000  | 0.8145 | <div></div>            |
| Beta-caryophyllene | 87-44-5    | 0.1000  | 0.4031 | <div></div>            |
| Limonene           | 5989-27-5  | 0.1000  | 0.3700 | <div></div>            |
| Farnesene          | 502-61-4   | 0.1000  | 0.2737 | <div></div>            |
| Linalool           | 78-70-6    | 0.1000  | 0.2169 | <div></div>            |
| Beta-myrcene       | 123-35-3   | 0.1000  | 0.2059 | <div></div>            |
| Valencene          | 4630-07-3  | 0.1000  | 0.1560 | <div></div>            |
| Alpha-humulene     | 6753-98-6  | 0.1000  | 0.1208 | <div></div>            |

Results based on dry weight

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Dr. Kelly Greenland, Lab Director





Sample #: 20185 Boss OG

| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Alpha-pinene        | 80-56-8    | 0.1000  | ND |                        |
| Beta-pinene         | 127-91-3   | 0.1000  | ND |                        |
| Terpinolene         | 586-62-9   | 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: 09/23/2025 6:01 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: 09/23/2025 6:01 pm |  |
|----------------------|---------|------------|------------|-----------------------------------|--|
| Compound             | LOQ (%) | Limits (%) | Result (%) | Status                            |  |
| Moisture             | 1.2     | 0 - 15     | 13.0       | 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 #: 20185**

**Boss OG**

**Water Activity by Meter**

**Pass**

**Analysis Date:** 09/23/2025 6:01 pm

| Compound       | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status |
|----------------|----------|-------------|-------------|--------|
| Water Activity | 0.05     | 0.65        | 0.65        | 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:** 09/26/2025 4:05 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   |

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*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





**Sample #: 20185**

**Boss OG**

**Pesticides by LCMSMS**

**Pass**

**Analysis Date: 09/26/2025 4:05 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   |

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Dr. Kelly Greenland, Lab Director





**Sample #: 20185**

**Boss OG**

**Pesticides by LCMSMS**

**Pass**

**Analysis Date:** 09/26/2025 4:05 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.

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Dr. Kelly Greenland, Lab Director





Sample #: 20185

Boss OG

Mycotoxins by LCMSMS

Pass

Analysis Date: 09/26/2025 4:02 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: 09/24/2025 7:12 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         | ND            | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | 10.1          | Pass   |
| Lead     | 0.00250    | 0.500         | 0.0167        | 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: 09/24/2025 11:26 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   |

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Sample #: 20185Boss OG

| Micro by Petri & qPCR                                                                                                                                                                                                                                                                                                                                                                  |             | Pass           |                | Analysis Date: 09/24/2025 11:26 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          |                | 1000           | Pass                               |  |
| Total Yeast & Mold                                                                                                                                                                                                                                                                                                                                                                     | 10          |                | <LOQ           | 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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