

**Lavendar Autoflower**

Lab ID: 2008134-02

Whole Circle Farms

METRC Batch ID:

Date Sampled: 08/20/20

Date Printed: 08/25/20

Report cannot be used for OLCC/OHA compliance.

**Potency Analysis**

Analytical Method: De Backer, Journal of Chromatography b.2009. 11.004 -  
SOP 102

| Cannabinoids (% weight) |        | Moisture Adjusted | LOQ    |
|-------------------------|--------|-------------------|--------|
| THCA                    | < LOQ  | < LOQ             | 0.0759 |
| delta 9-THC             | < LOQ  | < LOQ             | 0.0759 |
| delta 8-THC             | < LOQ  | < LOQ             | 0.0759 |
| CBGA                    | 8.33   | 8.74              | 0.0759 |
| CBDA                    | 0.0942 | 0.0989            | 0.0759 |
| CBD                     | < LOQ  | < LOQ             | 0.0759 |
| CBN                     | < LOQ  | < LOQ             | 0.0759 |
| CBG                     | 0.392  | 0.411             | 0.0759 |
| CBC                     | 0.126  | 0.132             | 0.0759 |

**Total THC**  
**< LOQ %**

**Total CBD**  
**0.0867 %**

<LOQ - Results below the Limit of Quantitation

Acid form of THC/CBD are decarboxylated by heat, lose 12% of original mass as CO<sub>2</sub>. Result = "bioactive"

"Total" Cannabinoid accounts for decarboxylation and moisture content. Total THC =  $[(THCA \times 0.877) + \Delta 9THC] / (100\% - MC)$

**Moisture**

Analysis Method/SOP: SOP 7

Moisture: 4.68 %

*Erik Werstler*

**Erik Werstler**  
Lab Director

## Lavender CBG Autoflower

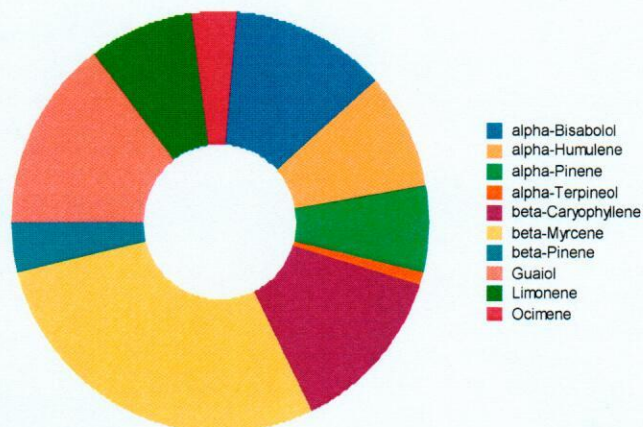
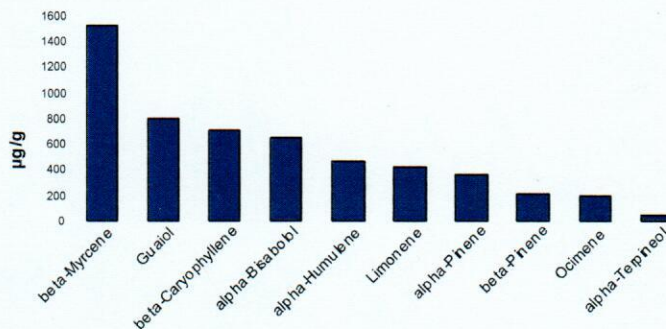
Whole Circle Farms

Laboratory ID: 2009013-02

### Terpene Test Report

Analysis Method/SOP: Terp

| Analyte                       | Result µg/g | Result % |
|-------------------------------|-------------|----------|
| alpha-Bisabolol               | 647.1       | 0.06471  |
| Camphene                      | < LOQ       | < LOQ    |
| Camphor                       | < LOQ       | < LOQ    |
| delta-3-Carene                | < LOQ       | < LOQ    |
| beta-Caryophyllene            | 704         | 0.07040  |
| Caryophyllene Oxide           | < LOQ       | < LOQ    |
| alpha-Cedrene                 | < LOQ       | < LOQ    |
| Cedrol                        | < LOQ       | < LOQ    |
| p-Cymene                      | < LOQ       | < LOQ    |
| (1R)-endo-(+)-Fenchyl alcohol | < LOQ       | < LOQ    |
| Eucalyptol                    | < LOQ       | < LOQ    |
| Geraniol                      | < LOQ       | < LOQ    |
| Geranyl acetate               | < LOQ       | < LOQ    |
| Guaiol                        | 794.9       | 0.07949  |
| alpha-Humulene                | 475.1       | 0.04751  |
| Isoborneol                    | < LOQ       | < LOQ    |
| Isopulegol                    | < LOQ       | < LOQ    |
| Limonene                      | 428.5       | 0.04285  |
| Linalool                      | < LOQ       | < LOQ    |
| beta-Myrcene                  | 1522        | 0.1522   |
| Nerolidol                     | < LOQ       | < LOQ    |
| Ocimene                       | 192.2       | 0.01922  |
| alpha-Pinene                  | 361.2       | 0.03612  |
| beta-Pinene                   | 210.4       | 0.02104  |
| Pulegone                      | < LOQ       | < LOQ    |
| Sabinene                      | < LOQ       | < LOQ    |
| Sabinene hydrate              | < LOQ       | < LOQ    |
| gamma-Terpinene               | < LOQ       | < LOQ    |
| alpha-Terpinene               | < LOQ       | < LOQ    |
| Terpinolene                   | < LOQ       | < LOQ    |
| Valencene                     | < LOQ       | < LOQ    |
| Nerol                         | < LOQ       | < LOQ    |
| (+/-)-Borneol                 | < LOQ       | < LOQ    |



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## Lavender CBG Autoflower

Date Sampled: 09/01/20 00:00

Date Accepted: 09/01/20

Results Valid Until: 09/01/21

Whole Circle Farms

Sample ID: 2009013-02

Matrix: Hemp

M #:

### Pesticide Analysis in PPM

Date/Time Extracted: 09/03/20 14:55

Date/Time Analyzed: 09/04/20 00:32

Analysis Method/SOP: SOP 33

Instrument: Selene

Batch Identification: B20I012

| Analyte             | Result | Action Level | LOQ    | Type                            |
|---------------------|--------|--------------|--------|---------------------------------|
| Abamectin           | < LOQ  | 0.5          | 0.2500 | Avermectin insecticide          |
| Acephate            | < LOQ  | 0.4          | 0.2000 | Organophosphate Insecticide     |
| Acequinocyl         | < LOQ  | 2            | 1.000  | Quinoline insecticide           |
| Acetamiprid         | < LOQ  | 0.2          | 0.1000 | Neonicotinoid insecticide       |
| Aldicarb            | < LOQ  | 0.4          | 0.2000 | Carbamate insecticide           |
| Azoxystrobin        | < LOQ  | 0.2          | 0.1000 | Strobin fungicide               |
| Bifenazate          | < LOQ  | 0.2          | 0.1000 | Carbazate miticide              |
| Bifenthrin          | < LOQ  | 0.2          | 0.1000 | Pyrethroid insecticide          |
| Boscalid            | < LOQ  | 0.4          | 0.2000 | Carboxamide fungicide           |
| Carbaryl            | < LOQ  | 0.2          | 0.1000 | Carbamate insecticide           |
| Carbofuran          | < LOQ  | 0.2          | 0.1000 | Carbamate insecticide           |
| Chlorantraniliprole | < LOQ  | 0.2          | 0.1000 | Anthranilic diamide insecticide |
| Chlorfenapyr        | < LOQ  | 1            | 0.5000 | Pyrrole insecticide             |
| Chlorpyrifos        | < LOQ  | 0.2          | 0.1000 | Organophosphate Insecticide     |
| Clofentezine        | < LOQ  | 0.2          | 0.1000 | Tetrazine miticide              |
| Cyfluthrin          | < LOQ  | 1            | 0.5000 | Pyrethroid insecticide          |
| Cypermethrin        | < LOQ  | 1            | 0.5000 | Pyrethroid insecticide          |
| Daminozide          | < LOQ  | 1            | 0.5000 | Plant growth regulator          |
| DDVP (Dichlorvos)   | < LOQ  | 1            | 0.5000 | Organophosphate insecticide     |
| Diazinon            | < LOQ  | 0.2          | 0.1000 | Organophosphate Insecticide     |
| Dimethoate          | < LOQ  | 0.2          | 0.1000 | Organophosphate insecticide     |
| Ethoprophos         | < LOQ  | 0.2          | 0.1000 | Organophosphate insecticide     |
| Etofenprox          | < LOQ  | 0.4          | 0.2000 | Pyrethroid insecticide          |
| Etoxazole           | < LOQ  | 0.2          | 0.1000 | Oxazoline insecticide           |
| Fenoxycarb          | < LOQ  | 0.2          | 0.1000 | Carbamate insecticide           |
| Fenpyroximate       | < LOQ  | 0.4          | 0.2000 | Pyrazolium miticide             |
| Fipronil            | < LOQ  | 0.4          | 0.2000 | Pyrazole insecticide            |
| Flonicamid          | < LOQ  | 1            | 0.5000 | Pyridinecarboxamide insecticide |

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Analysis Method/SOP: SOP 33

Instrument: Selene

Batch Identification: B20I012

| Analyte            | Result | Action Level | LOQ    | Type                        |
|--------------------|--------|--------------|--------|-----------------------------|
| Fludioxonil        | < LOQ  | 0.4          | 0.2000 | Benzodioxole fungicide      |
| Hexythiazox        | < LOQ  | 1            | 0.5000 | Heterocyclic miticide       |
| Imazalil           | < LOQ  | 0.2          | 0.1000 | Imidazole fungicide         |
| Imidacloprid       | < LOQ  | 0.4          | 0.2000 | Neonicotinoid insectide     |
| Kresoxim-methyl    | < LOQ  | 0.4          | 0.2000 | Strobilurin fungicide       |
| Malathion          | < LOQ  | 0.2          | 0.1000 | Organophosphate insecticide |
| Metalaxyl          | < LOQ  | 0.2          | 0.1000 | Benzenoid fungicide         |
| Methiocarb         | < LOQ  | 0.2          | 0.1000 | Carbamate insecticide       |
| Methomyl           | < LOQ  | 0.4          | 0.2000 | Carbamate insecticide       |
| Methyl parathion   | < LOQ  | 0.2          | 0.1000 | Organophosphate insecticide |
| MGK-264            | < LOQ  | 0.2          | 0.1000 | Pesticide synergist         |
| Myclobutanil       | < LOQ  | 0.2          | 0.1000 | Triazole fungicide          |
| Naled              | < LOQ  | 0.5          | 0.2500 | Organophosphate insecticide |
| Oxamyl             | < LOQ  | 1            | 0.5000 | Carbamate insecticide       |
| Paclobutrazol      | < LOQ  | 0.4          | 0.2000 | Triazole fungicide          |
| Permethrins        | < LOQ  | 0.2          | 0.1000 | Pyrethroid insecticide      |
| Phosmet            | < LOQ  | 0.2          | 0.1000 | Organophosphate insecticide |
| Piperonyl butoxide | < LOQ  | 2            | 1.000  | Pesticide synergist         |
| Prallethrin        | < LOQ  | 0.2          | 0.1000 | Pyrethroid insecticide      |
| Propiconazole      | < LOQ  | 0.4          | 0.2000 | Triazole fungicide          |
| Propoxur           | < LOQ  | 0.2          | 0.1000 | Carbamate insecticide       |
| Pyrethrins         | < LOQ  | 1            | 0.5000 | Pyrethroid insecticide      |
| Pyridaben          | < LOQ  | 0.2          | 0.1000 | Pyridazinone insecticide    |
| Spinosad           | < LOQ  | 0.2          | 0.1000 | Spinosyn insecticide        |
| Spiromesifen       | < LOQ  | 0.2          | 0.1000 | Keto-enol insecticide       |
| Spirotetramat      | < LOQ  | 0.2          | 0.1000 | Keto-enol insecticide       |
| Spiroxamine        | < LOQ  | 0.4          | 0.2000 | Spiroketamine fungicide     |
| Tebuconazole       | < LOQ  | 0.4          | 0.2000 | Triazole fungicide          |

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Analysis Method/SOP: SOP 33

Instrument: Selene

Batch Identification: B20I012

| Analyte         | Result | Action Level | LOQ    | Type                      |
|-----------------|--------|--------------|--------|---------------------------|
| Thiacloprid     | < LOQ  | 0.2          | 0.1000 | Neonicotinoid insecticide |
| Thiamethoxam    | < LOQ  | 0.2          | 0.1000 | Neonicotinoid insecticide |
| Trifloxystrobin | < LOQ  | 0.2          | 0.1000 | Strobin fungicide         |

<LOQ - Results below the Limit of Quantitation - Compound not detected

Results above the Action Level fail state testing requirements and will be highlighted Red.

*Erik Werstler*

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