

## Testing Summary

Date Tested: 11/16/2023

|                   |      |
|-------------------|------|
| Residual Solvents | PASS |
| Pesticides:       | PASS |
| Mycotoxins:       | PASS |

## Analytical Methods

- Residual Solvents: *Headspace GC-FID*
- Pesticides & Mycotoxins: *LS- Ms / Ms*
- Potency: *HPLC UV-VIS Detector*

## Analytical Information

### Potency /

The estimation of uncertainty is: [THCA ± 0.31%] [THC ± 0.15%]  
[CBDA ± 0.02%] [CBD ± 0.07%]. Total THC = THCa \* 0.877 + d9-THC,  
Total CBD = CBDA \* 0.877 + CBD, Total Cannabinoids = the sum of  
all cannabinoids tested, LOQ = Limit of Quantitation: the reported  
result is based on a sample weight with the applicable moisture  
content for that sample; unless otherwise stated all quality control  
samples performed within specifications established by the  
Laboratory.

### Mycotoxins /

The estimation of uncertainty is: [Aflatoxin ± 2 ppb] [Ochratoxins  
± 2 ppb] LOQ = Limit of Quantitation, the reported result is based  
on a sample weight with the applicable moisture content for that  
sample; unless otherwise stated all quality control samples per-  
formed within specifications established by the Laboratory

### Pesticides /

The estimation of uncertainty for pesticides is: [All analytes ± 0.011  
ppm] [Except for Spinosyn: ±0.022, Cyfluthrin: ±0.008,  
Permethrins: ±0.022, Chlorfenapyr: ±0.038 ppm]

### Residual Solvents/

Residual Solvents the estimation of uncertainty is: [Acetone:  
±2.4ppm] [Benzene: ±0.03ppm] [Butanes: ±1.4ppm] [Chloroform:  
±0.01ppm] [Cyclohexane: ±2.3ppm] [Dichloromethane: ±2.3ppm]  
[Ethyl-Acetate: ±2.2ppm] [Heptane: ±2.6ppm] [Hexanes: ±0.5ppm]  
[Isopropanol: ±2.1ppm] [Methanol: ±2.3ppm] [Pentanes: ±0.9ppm]  
[Propane: ±2.6ppm] [Toluene: ±2.5ppm] [Xylenes: ±0.8ppm]; LOQ  
= Limit of Quantification, the reported result is based on a sample  
weight with the applicable moisture content for that sample; un-  
less otherwise stated all quality control samples performed within  
specifications established by the Laboratory.



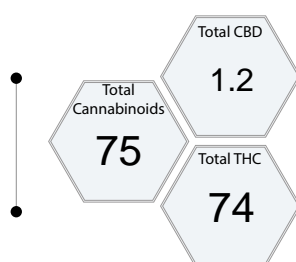
# Certificate of Analysis

Laboratory license #0012 | (509) 981-2266 | 124 E. Rowan Spokane, WA  
www.greengrowerlabs.com

Sample: **GF41639200003689**

Origination: **WAMSTERDAM FARMS** Sample Name: **Low Orbit - 1g Cartridge**  
License: **416392** Type: **Ethanol Concentrate**  
Address: **43001 N Griffin Rd Ste C, Grandview, WA, 989300000** Date Received: **11/16/2023**

## Potency



### Cannabinoids

| Analyte   | Mass % |
|-----------|--------|
| Δ9-THC    | 74     |
| THCa      | < 0.10 |
| Total THC | 74     |
| CBD       | 1.2    |
| CBDA      | < 0.10 |
| Total CBD | 1.2    |

## MycoToxins

| Analyte                            | Limit (PPB) | Unit (PPB) |
|------------------------------------|-------------|------------|
| Total Aflatoxins ( B1, B2, G1, G2) | 20          | 0          |
| Ochratoxin A                       | 20          | 0          |

## Residual Solvents

| Analyte         | Limit (PPM) | MASS (PPM) |      | Analyte       | Limit (PPM) | MASS (PPM) |      |
|-----------------|-------------|------------|------|---------------|-------------|------------|------|
| Propane         | 5000        | 285        | PASS | Hexanes       | 290         | < 12.00    | PASS |
| Butanes         | 3880        | < 14.00    | PASS | Benzene       | 2           | < 0.10     | PASS |
| Cyclohexane     | 3000        | < 31.00    | PASS | Ethyl-Acetate | 5000        | < 52.00    | PASS |
| Methanol        | 5000        | 121        | PASS | Chloroform    | 2           | < 0.10     | PASS |
| Pentanes        | 5000        | < 10.00    | PASS | Heptane       | 5000        | < 34.00    | PASS |
| Acetone         | 5000        | 60         | PASS | Toluene       | 890         | < 77.00    | PASS |
| Isopropanol     | 600         | < 37.00    | PASS | Xylenes       | 2170        | < 238.0    | PASS |
| Dichloromethane | 290         | < 12.00    | PASS | Ethonal       | 5000        | 99         | PASS |

This product has been tested by Green Grower Labs using validated testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Green Grower Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Green Grower Labs. Flower samples are separated for the required field of testing, then homogenized before testing using liquid nitrogen. The results in this report relate only to the sample tested. All measurements have a degree of uncertainty. As required per WAC 314-55-103 the estimation of uncertainty has been calculated and reported here as a range. The range assumes a 95% confidence interval.

*Matt Heist*

Matt Heist  
Lab Director

## ➤ Testing Summary

Date Tested: 11/16/2023

Pesticides:

PASS

## ➤ Analytical Methods

- Water Activity: *Rotronic Meter*
- Foreign Matter: *Visual Inspection*
- Pesticides & Mycotoxins: *LS- Ms / Ms*
- Microbials: *RT- qPCR & 3M Petrifilm*
- Potency: *HPLC UV-VIS Detector*

## ➤ Analytical Information

### Potency /

The estimation of uncertainty is: [THCA ± 0.31%] [THC ± 0.15%]  
[CBDA ± 0.02%] [CBD ± 0.07%]. Total THC = THCa \* 0.877 + d9-THC,  
Total CBD = CBDA \* 0.877 + CBD, Total Cannabinoids = the sum of  
all cannabinoids tested, LOQ = Limit of Quantitation: the reported  
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samples performed within specifications established by the  
Laboratory.

### Mycotoxins /

The estimation of uncertainty is: [Aflatoxin ± 2 ppb] [Ochratoxins  
± 2 ppb] LOQ = Limit of Quantitation, the reported result is based  
on a sample weight with the applicable moisture content for that  
sample; unless otherwise stated all quality control samples per-  
formed within specifications established by the Laboratory

### Microbials /

The estimation of uncertainty: Bile-tolerant gram negative ± 14  
cfu/g. LOQ = Limit of Quantitation; Negative = Not Detected; Posi-  
tive= Detected; unless otherwise stated all quality control samples  
performed within specifications established by the Laboratory.

### Pesticides /

The estimation of uncertainty for pesticides is: [All analytes ± 0.011  
ppm] [Except for Spinosyn: ± 0.022, Cyfluthrin: ± 0.008, Permethrins:  
± 0.022, Chlorfenapyr: ± 0.038 ppm]

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# Certificate of Analysis

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www.greengrowerlabs.com

## ➤ Sample: GF41639200003689

|              |  |                |                          |
|--------------|--|----------------|--------------------------|
| Origination: | WAMSTERDAM FARMS                                   | Sample Name:   | Low Orbit - 1g Cartridge |
| License:     | 416392   | Type:          | Ethanol Concentrate      |
| Address      | 43001 N Griffin Rd Ste C, Grandview, WA, 989300000 | Date Recieved: | 11/16/2023               |

## ➤ Pesticides

| Analyte             | Limit(PPM) | MASS (PPM) | Analyte | Limit(PPM)               | MASS (PPM)     |
|---------------------|------------|------------|---------|--------------------------|----------------|
| Abamectin           | 0.5        | < 0.42     | ND      | Malathion                | 0.20 < 0.03 ND |
| Acephate            | 0.4        | < 0.10     | ND      | Metaxyl                  | 0.20 < 0.02 ND |
| Acequinocyl         | 2.0        | < 0.15     | ND      | Methiocarb               | 0.20 < 0.02 ND |
| Acetamiprid         | 0.2        | < 0.03     | ND      | Methomyl                 | 0.40 < 0.02 ND |
| Aldicarb            | 0.40       | < 0.01     | ND      | Methyl parathion         | 0.20 < 0.06 ND |
| Azoxystrobin        | 0.20       | < 0.07     | ND      | MGK-264                  | 0.20 < 0.13 ND |
| Bifenazate          | 0.20       | < 0.02     | ND      | Myclobutanil             | 0.20 < 0.01 ND |
| Bifenthrin          | 0.20       | < 0.16     | ND      | Naled                    | 0.50 < 0.02 ND |
| Boscalid            | 0.40       | < 0.02     | ND      | Oxamyl                   | 1.0 < 0.01 ND  |
| Carbaryl            | 0.20       | < 0.06     | ND      | Paclobutrazol            | 0.40 < 0.02 ND |
| Carbofuran          | 0.20       | < 0.03     | ND      | Permethrins <sub>a</sub> | 0.20 < 0.05 ND |
| Chlorantraniliprole | 0.20       | < 0.03     | ND      | Phosmet                  | 0.20 < 0.01 ND |
| Chlorfenapyr        | 1.0        | < 0.53     | ND      | Piperonyl butoxide       | 2.0 < 0.02 ND  |
| Chlorpyrifos        | 0.20       | < 0.03     | ND      | Prallethrin              | 0.20 < 0.11 ND |
| Clofentezine        | 0.20       | < 0.09     | ND      | Propiconazole            | 0.40 < 0.02 ND |
| Cyfluthrin          | 1.0        | < 0.11     | ND      | Propoxur                 | 0.20 < 0.03 ND |
| Cypermethrin        | 1.0        | < 0.06     | ND      | Pyrethrins <sub>b</sub>  | 1.0 < 0.15 ND  |
| Daminozide          | 1.0        | < 0.29     | ND      | Pyridaben                | 0.20 < 0.02 ND |
| DDVP (Dichlorvos)   | 0.10       | < 0.06     | ND      | Spinosad <sub>c</sub>    | 0.20 < 0.05 ND |
| Diazinon            | 0.20       | < 0.02     | ND      | Spiromesifen             | 0.20 < 0.02 ND |
| Dimethoate          | 0.20       | < 0.02     | ND      | Spirotetramat            | 0.20 < 0.03 ND |
| Ethoprophos         | 0.20       | < 0.01     | ND      | Spiroxamine              | 0.40 < 0.02 ND |
| Etofenprox          | 0.40       | < 0.07     | ND      | Tebuconazole             | 0.40 < 0.02 ND |
| Etoxazole           | 0.20       | < 0.02     | ND      | Thiacloprid              | 0.20 < 0.01 ND |
| Fenoxycarb          | 0.20       | < 0.02     | ND      | Thiamethoxam             | 0.20 < 0.01 ND |
| Fenpyroximate       | 0.40       | < 0.04     | ND      | Trifloxystrobin          | 0.20 < 0.06 ND |
| Fipronil            | 0.40       | < 0.01     | ND      |                          |                |
| Flonicamid          | 1.0        | < 0.06     | ND      |                          |                |
| Fludioxonil         | 0.40       | < 0.02     | ND      |                          |                |
| Hexythiazox         | 1.0        | < 0.06     | ND      |                          |                |
| Imazalil            | 0.20       | < 0.01     | ND      |                          |                |
| Imidacloprid        | 0.40       | < 0.03     | ND      |                          |                |
| Kresoxim-methyl     | 0.40       | < 0.02     | ND      |                          |                |

If a sample result shows a pesticide as detected and a numerical result as less than (example <0.02 ppm),  
this indicates the pesticide was detected, but not at a level that can be accurately measured.

ND = Not Detected

*Matt Heist*  
Matt Heist  
Lab Director

## Testing Summary

Date Tested: 11/16/2023

## Analytical Methods

- Terpenes: *Headspace GC-FID*

## Analytical Information

### Terpenes/

The estimation of uncertainty is: [ALPHA PINENE 0.34, CAMPHENE 0.33, BETA MYRCENE 0.24, BETA PINENE 0.30, DELTA 3 CARENE 0.28, ~ D LIMONENE 0.50, LINALOOL 0.29, TERPINEOL 0.43, GERANIOL 0.69, CARYOPHYLLENE 0.56, HUMULENE 0.66]. LOQ = Limit of Quantification; The reported result is based on a sample weight with the applicable moisture content for that sample; unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Terpenes are not covered under I502 Lab certification. All terpene testing conforms to the WAC 314-55-103 Good Laboratory checklist and QA/QC requirements.



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Sample: **GF41639200003689**

Origination: WAMSTERDAM FARMS

Sample Name: Low Orbit - 1g Cartridge

License: 416392

Type: Ethanol Concentrate

Address 43001 N Griffin Rd Ste C, Grandview, WA, 989300000

Date Received: 11/16/2023

## Terpenes

| Analyte                | MASS(%) | MASS (mg/g) |
|------------------------|---------|-------------|
| • $\beta$ -Myrcene     | 0.61    | 6.1         |
| • $\delta$ -Limonene   | 0.62    | 6.2         |
| Linalool               | 0.20    | 2.0         |
| $\beta$ -Caryophyllene | 0.80    | 8.0         |
| $\beta$ -Pinene        | 0.35    | 3.5         |
| $\alpha$ -Pinene       | 0.64    | 6.4         |
| $\alpha$ -Humulene     | 0.17    | 1.7         |
| Camphene               | 0.08    | 0.8         |
| 3-Carene               | 0.10    | 1.0         |
| Geraniol               | 0.04    | 0.4         |
| Geraniol Terpinolene   | 0.15    | 1.5         |
| TOTAL                  | 3.76    | 37.6        |

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Matt Heist  
Lab Director