

## TESTING SUMMARY

DATE RECEIVED: 12/30/2024

DATE REPORTED: 1/5/2025

|                    |      |
|--------------------|------|
| PESTICIDES:        | PASS |
| HEAVY METALS:      | PASS |
| RESIDUAL SOLVENTS: | PASS |
| MYCOTOXINS:        | PASS |

## ANALYTICAL METHODS

- » PESTICIDES & MYCOTOXINS: *LS-MS / MS*
- » POTENCY: *HPLC UV-VIS DETECTOR*
- » HEAVY METALS: *ICP-MS*
- » RESIDUAL SOLVENTS: *Headspace GC-FID*

## ANALYTICAL INFO

## &gt; POTENCY

The estimation of uncertainty is: [THC  $\pm$  0.31%] [THC  $\pm$  0.15%] [CBDA  $\pm$  0.02%] [CBD  $\pm$  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.

## &gt; MYCOTOXINS

The estimation of uncertainty is: [Aflatoxin  $\pm$  2 ppb] [Ochratoxins  $\pm$  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 performed within specifications established by the Laboratory.

## &gt; PESTICIDES

The estimation of uncertainty for pesticides is: [All analytes  $\pm$  0.011 ppm] [Except for Spinosyn:  $\pm$  0.022, Cyfluthrin:  $\pm$  0.008, Permethrin:  $\pm$  0.022, Chlorfenapyr:  $\pm$  0.038 ppm]

## &gt; HEAVY METALS

The estimation of uncertainty is: [Arsenic:  $\pm$  0.12 ppm, Cadmium  $\pm$  0.10 ppm, Lead  $\pm$  0.11 ppm, Mercury  $\pm$  0.10 ppm]. Heavy metals are not covered under ISO2 Lab certification. All Heavy metals testing conforms to the WAC 314-55-103 Good Laboratory checklist and QA/QC requirements.

## &gt; RESIDUAL SOLVENTS

Residual Solvents the estimation of uncertainty is: [Acetone:  $\pm$  2.4ppm] [Benzene:  $\pm$  0.03ppm] [Butanes:  $\pm$  1.4ppm] [Chloroform:  $\pm$  0.01ppm] [Cyclohexane:  $\pm$  2.3ppm] [Dichloromethane:  $\pm$  2.3ppm] [Ethyl-Acetate:  $\pm$  2.2ppm] [Heptane:  $\pm$  2.6ppm] [Hexanes:  $\pm$  0.5ppm] [Isopropanol:  $\pm$  2.1ppm] [Methanol:  $\pm$  2.3ppm] [Pentanes:  $\pm$  0.9ppm] [Propane:  $\pm$  2.6ppm] [Toluene:  $\pm$  2.5ppm] [Xylenes:  $\pm$  0.8ppm]; 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.

## &gt; TERPENES

The estimation of uncertainty is: [ $\alpha$ -Pinene 0.22, Camphene 0.20,  $\beta$ -Myrcene 0.17,  $\beta$ -Pinene 0.19,  $\beta$ -Carene 0.17, d-limonene 0.31, linalool 0.18, terpinolene 0.27, Geraniol 0.42, Caryophyllene 0.35, Humulene 0.41]. 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 ISO2 Lab certification. All terpene testing conforms to the WAC 314-55-103 Good Laboratory checklist and QA/QC requirements.

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.



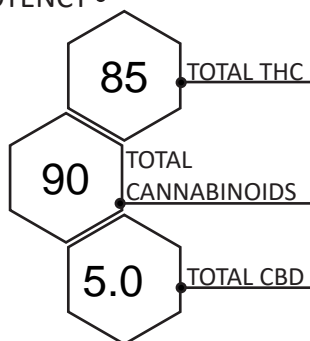
## Certificate of Analysis

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

Sample ID: **GF41639200068724**

|              |  |                |                          |
|--------------|--|----------------|--------------------------|
| Origination: | WAMSTERDAM FARMS                                   | Sample Name:   | Low Orbit - 1g Cartridge |
| License:     | 416392   | Type:          | Ethanol Concentrate      |
| Address:     | 43001 N Griffin Rd Ste C, Grandview, WA, 989300000 | Sampling Date: | 12/30/2024               |

## &gt; POTENCY



| Analyte    | Mass % |
|------------|--------|
| THC:       | 85     |
| THCa:      | 0.17   |
| Total THC: | 85     |
| CBD:       | 4.9    |
| CBDA:      | 0.11   |
| Total CBD: | 5.0    |

## &gt; MYCOTOXINS

| Analyte                           | LIMIT (PPB) | UNIT (PPB) |
|-----------------------------------|-------------|------------|
| Total Aflatoxins (B1, B2, G1, G2) | 20          | < 9        |
| Ochratoxin A                      | 20          | < 11       |

## &gt; HEAVY METALS

| Analyte | LIMIT (µg/g) | UNIT (µg/g) |
|---------|--------------|-------------|
| ARSENIC | 2.0          | < 0.20 ND   |
| CADMIUM | 0.82         | < 0.20 ND   |
| LEAD    | 1.2          | < 0.55 ND   |
| MERCURY | 0.40         | < 0.20 ND   |

## &gt; RESIDUAL SOLVENTS

| Analyte         | LIMIT (PPM) | MASS (PPM)  | Analyte       | LIMIT (PPM) | MASS (PPM) |
|-----------------|-------------|-------------|---------------|-------------|------------|
| Propane         | 5000        | < 16 ND     | Hexanes       | 290         | < 12 ND    |
| Butanes         | 5000        | 44 Detected | Benzene       | 2           | < 0.1 ND   |
| Cyclohexane     | 3880        | < 31 ND     | Ethyl-Acetate | 5000        | < 52 ND    |
| Methanol        | 3000        | 44 Detected | Chloroform    | 2           | < 0.1 ND   |
| Pentanes        | 5000        | < 10 ND     | Heptane       | 5000        | < 34 ND    |
| Acetone         | 5000        | < 37 ND     | Toluene       | 890         | < 77 ND    |
| Isopropanol     | 5000        | < 37 ND     | Xylenes       | 2200        | < 238 ND   |
| Dichloromethane | 600         | < 12 ND     | Ethanol       | 5000        | < 1 ND     |



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## > PESTICIDES

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

## > TERPENES

| Analyte         | MASS(%) | MASS (Mg/g) | Analyte    | MASS(%) | MASS (Mg/g) | Analyte     | MASS(%) | MASS (Mg/g) |
|-----------------|---------|-------------|------------|---------|-------------|-------------|---------|-------------|
| β-Myrcene       | 0.83    | 8.3         | β-Pinene   | 0.23    | 2.3         | 3-Carene    | 0.02    | 0.2         |
| δ-Limonene      | 1.62    | 16.2        | α-Pinene   | 0.18    | 1.8         | Geraniol    | < 0.02  | 0.0         |
| Linalool        | 0.09    | 0.9         | α-Humulene | 0.04    | 0.4         | Terpinolene | 0.13    | 1.3         |
| β-Caryophyllene | 0.15    | 1.5         | Camphene   | 0.05    | 0.5         |             |         |             |

> Total MASS(%) MASS (Mg/g)  
3.34 33.4

*Matt Heist*

Matt Heist  
Lab Director