# Certificate of Analysis

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

Sample ID: GF41667005534686

| | | | |
|---|---|---|---|
| Origination: | PURFORM LABS | Sample Name: | VTA Distillate |
| License: | 416670 | Type: | Hydrocarbon Concentrate |
| Address: | 18001 E EUCLID AVE STE E SPOKANE VALLEY WA 99 | Sampling Date: | 4/24/2025 |

## TESTING SUMMARY

DATE RECIEVED: 4/24/2025
DATE REPORTED: 5/8/2025

| | |
|---|---|
| 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

### > 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]

### > HEAVY METALS

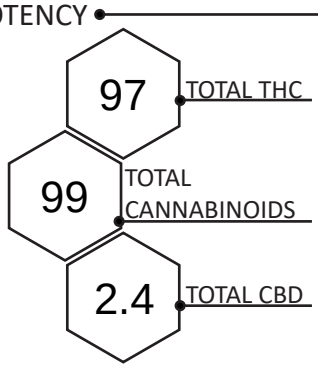
The estimation of uncertainty is: [Arsenic: ± 0.12 ppm, Cadmium ± 0.10 ppm , Lead ± 0.11 ppm , Mercury ± 0.10 ppm ]. Heavy metals are not covered under I502 Lab certification. All Heavy metals testing conforms to the WAC 314-55-103 Good Laboratory checklist and QA/QC requirements.

### > 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 sampleweight with the applicable moisture content for that sample; unless otherwise stated all quality control samples performed within specifications established by the Laboratory.



## > POTENCY




| Analyte | Mass % |
|---|---|
| THC: | 97 |
| THCa: | < 0.10 |
| Total THC: | 97 |
| CBD: | 2.4 |
| CBDa: | < 0.10 |
| Total CBD: | 2.4 |

## > MYCOTOXINS

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

## > HEAVY METALS

| Analyte | LIMIT (µg/g) | UNIT (µg/g) | |
|---|---|---|---|
| ARSENIC | 2.0 | < 0.30 | ND |
| CADMIUM | 0.82 | < 0.30 | ND |
| LEAD | 1.2 | < 0.30 | ND |
| MERCURY | 0.40 | < 0.30 | ND |

## > RESIDUAL SOLVENTS

| Analyte | LIMIT (PPM) | MASS (PPM) | | Analyte | LIMIT (PPM) | Mass (PPM) | |
|---|---|---|---|---|---|---|---|
| Propane | 5000 | < 16 | ND | Hexanes | 290 | < 12 | ND |
| Butanes | 5000 | < 14 | ND | Benzene | 2 | < 0.1 | ND |
| Cyclohexane | 3880 | < 31 | ND | Ethyl-Acetate | 5000 | < 52 | ND |
| Methanol | 3000 | < 16 | ND | 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 |

NOTE// Pesticides and Residuals were tested by Medicine Creek Analytics as a subcontractor for GGL.

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| License: | 416670 | Type: | Hydrocarbon Concentrate |
| Address: | 18001 E EUCLID AVE STE E SPOKANE VALLEY WA 99 | Sampling Date: | 4/24/2025 |

## > 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 | Etoxazole | 0.20 | < 0.02 | ND | Permethrins [a] | 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 [b] | 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 [c] | 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 | | | | |

**a** Sum of Isomers: cis-Permethrin & trans-Permethrin
**b** Sum of Isomers: Pyrethrin I & Pyrethrin II
c Sum of Isomers: Spinosyn A & Spinosyn D

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
Lab Director