Certificate of Analysis

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

Testing Summary

Date Tested:11/26/2024

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 performed within specifications established by the Laboratory

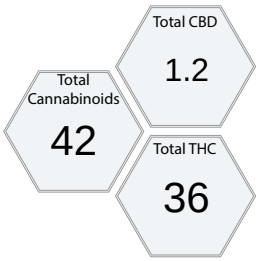
Pesticides /
The estimation of uncertainty for pesticides is: [All analytes ± 0.011 ppm] [Except for Spinosyn: ±0.022, Cyfluthrin: ±0.008, Permethrins: ±0.022, Chlorfenapyr: ±0.038 ppm]

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; unless otherwise stated all quality control samples performed within specifications established by the Laboratory.

Sample: GF41639200065185

Origination:	WAMSTERDAM FARMS	Sample Name:	Grape Pie
License:	416392	Type:	Hydrocarbon Concentrate
Address	43001 N Griffin Rd Ste C, Grandview, WA, 989300000	Date Recieved:	11/26/2024

Potency



Cannabinoids

Analyte	Mass %
Δ9-THC	2.6
THCa	38
Total THC	36
CBD	0.95
CBDA	0.29
Total CBD	1.2

MycoToxins

Analyte	Limit(PPB)	Unit (PPB)
Total Aflatoxins (B1, B2, G1, G2)	20	< 9
Ochratoxin A	20	< 11

Residual Solvents

Analyte	Limit(PPM)	MASS (PPM)		Analyte	Limit(PPM)	MASS (PPM)	
Propane	5000	< 16	ND	Hexanes	290	< 12	ND
Butanes	5000	65	Detected	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	33	Detected	Toluene	890	< 77	ND
Isopropanol	5000	< 37	ND	Xylenes	2200	< 238	ND
Dichloromethane	600	< 12	ND	Ethonal	5000	< 1	ND

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
Lab Director

Testing Summary

Date Tested: 11/26/2024

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 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 performed 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; Positive= 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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Sample: GF41639200065185

Origination:	WAMSTERDAM FARMS	Sample Name:	Grape Pie
License:	416392	Type:	Hydrocarbon Concentrate
Address	43001 N Griffin Rd Ste C, Grandview, WA, 989300000	Date Recieved:	11/26/2024

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	Metalaxyl	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 [a]	0.20	< 0.05	ND
Chlorantraniliprole	0.20	< 0.03	ND	Phosmet	0.20	0.016	Detected
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 [b]	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 [c]	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				

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

Testing Summary

Date Tested:11/26/2024

Analytical Methods

- Terpenes: *Headspace GC-FID*

Analytical Information

Terpenes/

The estimation of uncertainty is: [α-Pinene 0.22, Camphene 0.20, δ-Myrcene 0.17 δ-Pinene 0.19, 3-Carene 0.17d-limonene 0.31, linalool 0.18, terpinolene 0.27Geraniol 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 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: GF41639200065185

Origination: WAMSTERDAM FARMS
License: 416392
Address 43001 N Griffin Rd Ste C, Grandview, WA, 989300000

Sample Name: Grape Pie
Type: Hydrocarbon Concentrate
Date Recieved: 11/26/2024

Terpenes

Analyte	MASS(%)	MASS (mg/g)
β-Myrcene	0.98	9.8
δ-Limonene	2.42	24.2
Linalool	0.68	6.8
β-Caryophyllene	1.36	13.6
β-Pinene	0.31	3.1
α-Pinene	0.22	2.2
α-Humulene	0.38	3.8
Camphene	0.07	0.7
3-Carene	0.02	0.2
Geraniol	< 0.02	0.0
Terpinolen	0.17	1.7
TOTAL	6.61	66.1

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