

Testing Summary

Date Tested: 5/11/2023

Water Activity (AW):	0.4	PASS
Foreign Matter:	Stems (%):	0.0
Pass	IEH (ea.):	0.0
	Seeds or Other (%):	0.0
Pesticides:		PASS
Mycotoxins:		PASS
Microbials:		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 \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.

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 per-
formed within specifications established by the Laboratory

Microbials /

The estimation of uncertainty: Bile-tolerant gram negative \pm 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 \pm 0.011
ppm] [Except for Spinosyn: \pm 0.022, Cyfluthrin: \pm 0.008, Permethrins:
 \pm 0.022, Chlorfenapyr: \pm 0.038 ppm]

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Certificate of Analysis

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

Sample: 11244421493736698

Origination:	Grow Op	Sample Name:	Wine & Dine
License:	413287	Type:	Flower Lot
Address	2611 N WOODRUFF RD STE B, SPOKANE VALLEY, WA, 992064138	Date Recieved:	5/11/2023

Potency



Cannabinoids

Analyte	Mass %
Δ 9-THC	0.2
THCa	25
Total THC	22
CBD	< 0.10
CBDA	< 0.10
Total CBD	0.00

MycoToxins

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

Microbials

Analyte	Limit	Unit
STEC Shiga toxin-producing E. coli	Negative	Negative
Salmonella	Negative	Negative
BTGN Bile-Tolerant Gram-Negative Bacteria	10,000 (CFU/g)	< 10

Matt Heist

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Lab Director

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	Seeds or Other (%):	0.0
Pesticides:		PASS
Mycotoxins:		PASS
Microbials:		PASS

Analytical Methods

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- 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

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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-

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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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Pesticides

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

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

Testing Summary

Date Tested: 5/11/2023

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 ISO2 Lab certification. All terpene testing conforms to the WAC 314-55-103 Good Laboratory checklist and QA/QC requirements.



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Type: **Flower Lot**

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Terpenes

Analyte	MASS(%)	MASS (mg/g)
β-Myrcene	0.03	0.30
δ-Limonene	0.37	3.70
Linalool	0.30	3.00
β-Caryophyllene	0.00	0.00
β-Pinene	0.07	0.70
α-Pinene	0.05	0.50
α-Humulene	0.09	0.90
Camphene	0.00	0.00
3-Carene	0.00	0.00
Geraniol	0.00	0.00
Geraniol Terpinolene	0.00	0.00
TOTAL	0.9	9.1

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