# ➤ Testing Summary Date Tested: 4/3/2023

Residual Solvents	PASS
Pesticides:	PASS
Mycotoxins:	PASS
Microbials:	PASS

# > Analytical Methods

- Residual Solvents: Headspace GC-FID
- 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 performed 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; 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  $\pm$  0.011 ppm] [Except for Spinosyn:  $\pm$ 0.022, Cyfluthrin:  $\pm$ 0.008, Permethrins:  $\pm$ 0.022, Chlorfenapyr:  $\pm$ 0.038 ppm]

#### Residual Solvents/

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

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

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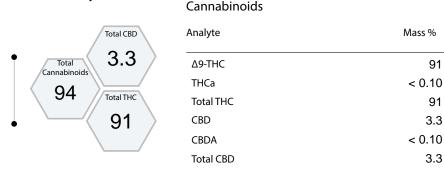
# Sample: 11244091580120137

Origination: Grow Op Sample Name: Bulk Pen Oil

License: 413287 Type: Food Grade Solvent Concentrate

Address 2611 N WOODRUFF RD STE B, SPOKANE VALLEY, WA, 992064 Date Recieved: 4/3/2023

# > Potency



# > MycoToxins

Limit <sub>(PPB)</sub>	Unit (PPB)	
20	< 9	
20	< 11	
	20	

## 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

### Residual Solvents -

Analyte L	.imit(PPM)	MASS (PPM)		Analyte	Limit(PPM)	MASS (PPM)	
Propane	5000	< 16	PASS	Hexanes	290	< 12	PASS
Butanes	3880	< 14	PASS	Benzene	2	< 0.1	PASS
Cyclohexane	3000	< 31	PASS	Ethyl-Acetate	5000	< 52	PASS
Methanol	5000	< 16	PASS	Chloroform	2	< 0.1	PASS
Pentanes	5000	< 10	PASS	Heptane	5000	< 34	PASS
Acetone	5000	< 37	PASS	Toluene	890	< 77	PASS
Isopropanol	600	< 37	PASS	Xylenes	2170	< 238	PASS
Dichloromethane	290	< 12	PASS	Ethanol	5000	< 1	PASS



# > Testing Summary

Residual Solvents	PASS
Pesticides:	PASS
Mycotoxins:	PASS
Microbials:	PASS



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# > 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 /

on of uncertainty is: [THCA ± 0.31%] [THC ± 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 ± 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

#### Microbials /

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

#### Pesticides /

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

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11244091580120137 > Sample:

Origination: Sample Name: **Grow Op** Bulk Pen Oil

License: Type: 413287 Food Grade Solvent Concentrate

Address 2611 N WOODRUFF RD STE B, SPOKANE VALLEY, WA, 992064 Date Recieved: 4/3/2023

## > Pesticides

Flonicamid

Fludioxonil

Hexythiazox

Imidacloprid

Kresoxim-methyl

Imazalil

1.0

0.40

1.0

0.20

0.40

0.40

< 0.06

< 0.02

< 0.06

< 0.01

< 0.03

< 0.02

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	< 0.01	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	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 as
Fenpyroximate	0.40	< 0.04	ND	Trifloxystrobin	0.20	< 0.06	ND
Fipronil	0.40	< 0.01	ND	If a sample result shows a pesti- this indicates the pesticic			
Electronical	1.0			maicutes the pesticit		,	a be accum

ND

ND

ND

ND

ND

ND

(example <0.02 ppm), rately measured

ND = Not Detected

