

## Testing Summary

Date Tested: 2/23/2023

Pesticides:	PASS
Mycotoxins:	PASS
Microbials:	PASS

## Analytical Methods

- 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]



# Certificate of Analysis

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

Sample: **GF41651905507010**

Origination: Hypothesis Gardens

Sample Name: Kief

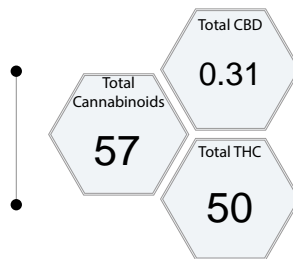
License: 416519

Type: Non-Solvent based Concentrate

Address 2709 N Felts Rd, Spokane Valley, WA,  
99206 Greenacres WA 99016

Date Received: 2/23/2023

## Potency



### Cannabinoids

Analyte	Mass %
$\Delta$ 9-THC	0.59
THCa	56
Total THC	50
CBD	0.2
CBDA	0.12
Total CBD	0.31

## 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)	0

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: 2/23/2023

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 per-  
formed 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; 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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testing methodologies and a quality system as required by state law.  
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reported here as a range. The range assumes a 95% confidence  
interval.



# Certificate of Analysis

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## Sample: GF41651905507010

Origination:	Hypothesis Gardens	Sample Name:	Kief
License:	416519	Type:	Non-Solvent based Concentrate
Address	2709 N Felts Rd, Spokane Valley, WA, 99206 Greenacres WA 99016	Date Recieved:	2/23/2023

## 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	Metaxyl	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 <sub>a</sub>	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 <sub>c</sub>	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	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	
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	 Matt Heist Lab Director	
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