

## Testing Summary

Date Tested: 4/13/2023

Water Activity (AW):	0.42	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]

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.



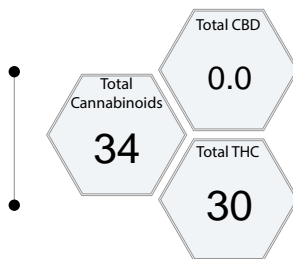
# Certificate of Analysis

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

## Sample: 14274170359334177

Origination:	KUDU PHARMS	Sample Name:	Garlic
License:	414197	Type:	Flower Lot
Address	17901 E EUCLID AVE, SPOKANE VALLEY, WA, 992160000	Date Recieved:	4/13/2023

## Potency



### Cannabinoids

Analyte	Mass %
$\Delta$ 9-THC	0.19
THCa	34
Total THC	30
CBD	< 0.10
CBDA	< 0.10
Total CBD	0.0

## 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

Matt Heist  
 Lab Director

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Microbials:		PASS

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- 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  
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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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Sample: 14274170359334177

Origination:	KUDU PHARMS	Sample Name:	Garlic
License:	414197	Type:	Flower Lot
Address	17901 E EUCLID AVE, SPOKANE VALLEY, WA, 992160000	Date Recieved:	4/13/2023

## 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 <sup>a</sup>	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 <sup>b</sup>	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 <sup>c</sup>	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		

<sup>a</sup> Sum of Isomers: cis-Permethrin  
trans-Permethrin  
<sup>b</sup> Sum of Isomers: Pyrethrin I  
Pyrethrin II  
<sup>c</sup> 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*  
Matt Heist  
Lab Director