

## Testing Summary

Date Tested: 4/25/2025

Water Activity (AW):	0.29	PASS
Foreign Matter: PASS	Stems (%): IEH (ea.): Seeds or Other (%):	0 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]

NOTE// Pesticides were tested by Medicine Creek Analytics as a  
subcontractor for GGL.

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, with-  
out 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.



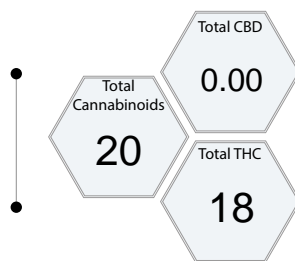
# Certificate of Analysis

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

## Sample: GF41276205575523

Origination:	Healing Nations	Sample Name:	Akademics
License:	412762	Type:	Flower Unlotted
Address	5805 E SHARP UNIT A6A9, SPOKANE VALLEY, WA ,99212	Date Recieved:	4/25/2025

## Potency



### Cannabinoids

Analyte	Mass %
$\Delta$ 9-THC	1.2
THCa	19
Total THC	18
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*

Matt Heist  
Lab Director

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Foreign Matter PASS	Stems (%):	0
	IEH (ea.):	0
	Seeds or Other (%):	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 ± 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; 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: GF41276205575523

Origination:	Healing Nations	Sample Name:	Akademics
License:	412762	Type:	Flower Unlotted
Address	5805 E SHARP UNIT A6A9, SPOKANE VALLEY, WA ,99212	Date Recieved:	4/25/2025

## ➤ 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 <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		

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

<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

## Testing Summary

Date Tested: 4/25/2025

## Analytical Methods

- Terpenes: *Headspace GC-FID*

## Analytical Information

### Terpenes/

The estimation of uncertainty is: [ $\alpha$ -Pinene 0.22, Camphene 0.20,  $\delta$ -Myrcene 0.17  $\delta$ -Pinene 0.19, 3-Carene 0.17  $\delta$ -limonene 0.31, linalool 0.18, terpinolene 0.22 Geraniol 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 ISO 17025 Lab certification. All terpene testing conforms to the WAC 314-55-103 Good Laboratory checklist and QA/QC requirements.



# Certificate of Analysis

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Origination: **Healing Nations**

Sample Name: **Akademiks**

License: **412762**

Type: **Flower Unlotted**

Address: **5805 E SHARP UNIT A6A9, SPOKANE VALLEY, WA, 99212**

Date Received: **4/25/2025**

## Terpenes

Analyte	MASS(%)	MASS (mg/g)
$\beta$ -Myrcene	0.4	4.00
$\delta$ -Limonene	0.1	1.00
Linalool	0.02	0.20
$\beta$ -Caryophyllene	0.12	1.20
$\beta$ -Pinene	0.06	0.60
$\alpha$ -Pinene	0.16	1.60
$\alpha$ -Humulene	0.07	0.70
Camphene	0.02	0.20
3-Carene	< 0.02	0.00
Geraniol	< 0.02	0.00
Terpinolene	< 0.02	0.00
TOTAL	1.0	9.5

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