



# Certificate of Analysis

## FOR COMPLIANCE

Laboratory Sample ID: AL41119001-001



Growing Heart Greens

License # : OCM-MICR-24-000127

25 Jeans Dr

Pawling, NY, 12564, US

**Production Method:** Cured  
**Batch#:** COA-SP-FL-100624-01  
**Seed to Sale#:** BIOTRACK  
**Sample Size Received:** 8 units  
**Total Amount:** 568 units  
**Retail Product Size:** 4 gram  
**Retail Serving Size:** 4 gram  
**Servings:** 1  
**Sampled:** 11/18/24 03:00 PM  
**Sampling Start:** 03:00 PM  
**Sampling End:** 03:15 PM  
**Revision Date:** 01/06/25  
**Sampling Method:** SOP.T.20.010.NY

**PASSED**

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### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**NOT TESTED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**PASSED**



Terpenes  
**PASSED**

### MISC.



### Cannabinoid

**PASSED**



Total THC

**23.2634%**

Total THC/Container : 930.5360 mg



Total CBD

**<0.1000**

Total CBD/Container : 0.0000 mg



Total Cannabinoids

**26.9879%**

Total Cannabinoids/Container :  
1079.5160 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	D8-THC	CBGA	CBN	D9-THC	THCA	THCV
%	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	0.5907	<0.1000	0.9196	25.4776	<0.1000
mg/unit	<4.000	<4.000	<4.000	<4.000	<4.000	<4.000	<4.000	<4.000	23.628	<4.000	36.784	1019.104	<4.000
LOQ	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
0.1884g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 11/20/24 10:56:34

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**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164



Signature  
11/25/24

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1 Winners Circle  
Albany, NY, 12205, US  
(833) 465-8378

Kaycha Labs

COA-SP-FL-100624-01

Star Pupil

Matrix : Flower

Type: Flower - Cured



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Growing Heart Greens

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Pawling, NY, 12564, US  
Telephone: (917) 952-6807  
Email: lewis@growingheartfarm.com  
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## Terpenes

PASSED

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
BETA-MYRCENE	0.00	33.600	0.8400		Weight:				
BETA-CARYOPHYLLENE	0.00	20.000	0.5000		0.5102g				
LIMONENE	0.00	5.600	0.1400		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
ALPHA-HUMULENE	0.00	5.600	0.1400		Analysis Date : 11/25/24 09:20:44				
LINALOOL	0.00	2.000	0.0500						
ALPHA-BISABOLOL	0.00	1.600	0.0400						
BETA-PINENE	0.00	1.200	0.0300						
ALPHA-TERPINEOL	0.00	0.400	0.0100						
CARYOPHYLLENE OXIDE	0.00	0.400	0.0100						
TERPINOLENE	0.00	0.400	0.0100						
FARNESENE	0.10	<4.000	<0.1000						
FENCHYL ALCOHOL	0.00	<0.160	<0.0040						
CAMPHENE	0.00	<0.160	<0.0040						
GERANIOL	0.00	<0.160	<0.0040						
GUAIOL	0.00	<0.160	<0.0040						
MENTHOL	0.00	<0.160	<0.0040						
OCIMENE	0.00	<0.160	<0.0040						
VALENCENE	0.00	<0.160	<0.0040						
ALPHA-PHELLANDRENE	0.00	<0.160	<0.0040						
ALPHA-PINENE	0.00	<0.160	<0.0040						
ALPHA-TERPINENE	0.00	<0.160	<0.0040						
Total (%)			1.7700						

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## Pesticides

**PASSED**

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ACEQUINOXYL	0.1000	ppm	2	PASS	<0.1000	PACLOBUTRAZOL	0.1000	ppm	0.4	PASS	<0.1000
PYRETHRINS, TOTAL	0.1000	ppm	1	PASS	<0.1000	PERMETHRIN	0.1000	ppm	0.2	PASS	<0.1000
AZADIRACTHIN	0.1000	ppm	1	PASS	<0.1000	PHOSMET	0.1000	ppm	0.2	PASS	<0.1000
INDOLE-3-BUTYRIC ACID	0.1000	ppm	1	PASS	<0.1000	PRALLETHRIN	0.1000	ppm	0.2	PASS	<0.1000
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	<0.1000	PROPICONAZOLE	0.1000	ppm	0.4	PASS	<0.1000
PIPERONYL BUTOXIDE	0.1000	ppm	2	PASS	<0.1000	PROPOXUR	0.1000	ppm	0.2	PASS	<0.1000
ABAMECTIN B1A	0.1000	ppm	0.5	PASS	<0.1000	PYRIDABEN	0.1000	ppm	0.2	PASS	<0.1000
ACEPHATE	0.1000	ppm	0.4	PASS	<0.1000	SPINETORAM, TOTAL	0.1000	ppm	1	PASS	<0.1000
ACETAMIPRID	0.1000	ppm	0.2	PASS	<0.1000	SPINOSAD, TOTAL	0.1000	ppm	0.2	PASS	<0.1000
ALDICARB	0.1000	ppm	0.4	PASS	<0.1000	SPIROMESIFEN	0.1000	ppm	0.2	PASS	<0.1000
AOXYSTROBIN	0.1000	ppm	0.2	PASS	<0.1000	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	<0.1000
CHLORMEQUAT CHLORIDE	0.1000	ppm	1	PASS	<0.1000	TEBUCONAZOLE	0.1000	ppm	0.2	PASS	<0.1000
BIFENAZATE	0.1000	ppm	0.2	PASS	<0.1000	THIACLOPRID	0.1000	ppm	0.2	PASS	<0.1000
BIFENTHRIN	0.1000	ppm	0.2	PASS	<0.1000	THIAMETHOXAM	0.1000	ppm	0.2	PASS	<0.1000
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	<0.1000	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	<0.1000
COUMAPHOS	0.1000	ppm	1	PASS	<0.1000	CAPTAN *	0.1000	ppm	1	PASS	<0.1000
CARBARYL	0.1000	ppm	0.2	PASS	<0.1000	CHLORDANE *	0.1000	ppm	1	PASS	<0.1000
DAMINOZIDE	0.1000	ppm	1	PASS	<0.1000	CHLORFENAPYR *	0.1000	ppm	1	PASS	<0.1000
CARBOFURAN	0.1000	ppm	0.2	PASS	<0.1000	CYFLUTHRIN *	0.1000	ppm	1	PASS	<0.1000
BOSCALID	0.1000	ppm	0.4	PASS	<0.1000	CYPERMETHRIN *	0.1000	ppm	1	PASS	<0.1000
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	<0.1000	METHYL PARATHION *	0.1000	ppm	0.2	PASS	<0.1000
DIAZINON	0.1000	ppm	0.2	PASS	<0.1000	MGK-264 *	0.1000	ppm	0.2	PASS	<0.1000
CLOFENTEZINE	0.1000	ppm	0.2	PASS	<0.1000	PENTACHLORONITROBENZENE *	0.1000	ppm	1	PASS	<0.1000
DICHLORVOS	0.1000	ppm	1	PASS	<0.1000						
DIMETHOATE	0.1000	ppm	0.2	PASS	<0.1000	Weight:					
DIMETHOMORPH	0.1000	ppm	1	PASS	<0.1000	0.9928g					
ETHOPROPHOS	0.1000	ppm	0.2	PASS	<0.1000	Analysis Method :SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOFENPROX	0.1000	ppm	0.4	PASS	<0.1000	Analyzed Date :11/21/24 15:10:07					
ETOXAZOLE	0.1000	ppm	0.2	PASS	<0.1000						
FENHEXAMID	0.1000	ppm	1	PASS	<0.1000	Weight:					
FENOXYCARB	0.1000	ppm	0.2	PASS	<0.1000	0.9928g					
FENPYROXIMATE	0.1000	ppm	0.4	PASS	<0.1000	Analysis Method :SOP.T.40.154.NY					
FIPRONIL	0.1000	ppm	0.4	PASS	<0.1000	Analyzed Date :11/21/24 14:21:18					
FLONICAMID	0.1000	ppm	1	PASS	<0.1000						
FLUDIOXONIL	0.1000	ppm	0.4	PASS	<0.1000						
HEXYTHIAZOX	0.1000	ppm	1	PASS	<0.1000						
IMAZALIL	0.1000	ppm	0.2	PASS	<0.1000						
IMIDACLOPRID	0.1000	ppm	0.4	PASS	<0.1000						
KRESOXIM METHYL	0.1000	ppm	0.4	PASS	<0.1000						
MALATHION	0.1000	ppm	0.2	PASS	<0.1000						
METALAXYL	0.1000	ppm	0.2	PASS	<0.1000						
METHIOCARB	0.1000	ppm	0.2	PASS	<0.1000						
METHOMYL	0.1000	ppm	0.4	PASS	<0.1000						
MEVINPHOS	0.1000	ppm	1	PASS	<0.1000						
NALED	0.1000	ppm	0.5	PASS	<0.1000						
OXAMYL	0.1000	ppm	1	PASS	<0.1000						

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<b>Microbial</b> <b>PASSED</b>						<b>Mycotoxins</b> <b>PASSED</b>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	100	CFU/g	480000	TESTED		AFLATOXIN G2	0.0025	ppm	<0.0025	PASS	0.02
TOTAL YEAST AND MOLD	100	CFU/g	358000	TESTED		AFLATOXIN G1	0.0025	ppm	<0.0025	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP	1		Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<0.0025	PASS	0.02
SALMONELLA SPECIES	1		Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<0.0025	PASS	0.02
ASPERGILLUS TERREUS	1		Not Present	PASS		OCHRATOXIN A+	0.0100	ppm	<0.0100	PASS	0.02
ASPERGILLUS NIGER	1		Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<0.0025	PASS	0.02
ASPERGILLUS FLAVUS	1		Not Present	PASS							
ASPERGILLUS FUMIGATUS	1		Not Present	PASS							
Weight: 1.0g						Weight: 0.9928g					
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY					
Analyzed Date : 11/22/24 14:41:27						Analyzed Date : 11/21/24 14:20:37					

<b>Heavy Metals</b> <b>PASSED</b>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1000	ug/g	<0.1000	PASS	2
ARSENIC	0.1000	ug/g	<0.1000	PASS	0.2
CADMIUM	0.1000	ug/g	<0.1000	PASS	0.2
CHROMIUM	1.0000	ug/g	<1.0000	PASS	110
COPPER	1.0000	ug/g	16.6261	PASS	30
LEAD	0.1000	ug/g	<0.1000	PASS	0.5
MERCURY	0.0100	ug/g	<0.0100	PASS	0.1
NICKEL	0.1000	ug/g	<0.1000	PASS	5
Weight: 0.4526g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analyzed Date : 11/22/24 09:58:38					

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**Filth/Foreign  
Material**

**PASSED**



**Moisture**

**PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Stems (>3mm)	1.00	%	ND	PASS	5
Foreign Matter	0.10	%	ND	PASS	2
Mammalian excreta	0.10	mg	ND	PASS	1

Weight:  
8.322g

Analysis Method : SOP.T.40.090  
Analyzed Date : 11/19/24 09:10:36

Analyte	LOQ	Units	Result	P/F	Action Level
Moisture Content	1.0	%	10.0	PASS	15

Weight:  
1.058g

Analysis Method : SOP.T.40.021  
Analyzed Date : 11/19/24 15:04:20



**Water Activity**

**PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.10	aw	0.49	PASS	0.65

Weight:  
0.2264g

Analysis Method : SOP.T.40.019  
Analyzed Date : 11/22/24 14:21:04

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