

# **Certificate of Analysis**

### **COMPLIANCE FOR RETAIL**



**Kaycha Labs** 

Black Garlic WF 3.5g (1/8 oz) Black Garlic

Matrix: Flower Type: Flower-Cured



Sample:DA40628010-006 Harvest/Lot ID: ID-BLG-06/12/24-A170

Batch#: 8929 6519 1645 6836

**Cultivation Facility: Tampa Cultivation Processing Facility: Tampa Processing** 

**Source Facility: Tampa Cultivation** Seed to Sale# 3633 9919 3390 2506

Batch Date: 06/13/24

Sample Size Received: 91 gram Total Amount: 7075 units

Retail Product Size: 3.5 gram Retail Serving Size: 3.5 gram

Servings: 1

Ordered: 06/28/24 Sampled: 06/28/24

Completed: 07/03/24 Sampling Method: SOP.T.20.010

**PASSED** 

## Pages 1 of 5

**SAFETY RESULTS** 

5540 W. Executive Drive Tampa, FL, 33609, US



Pesticides **PASSED** 



Heavy Metals **PASSED** 



Microbials **PASSED** 



Mycotoxins **PASSED** 



Residuals Solvents **NOT TESTED** 



**PASSED** 



Water Activity **PASSED** 



Moisture **PASSED** 



**Terpenes TESTED** 

**PASSED** 



### Cannabinoid

Jul 03, 2024 | FLUENT





**Total Cannabinoids** 33.846%



D9-THC 0.537 18.795 ma/unit 0.001 LOD

27.436 960,26 0.001

CBD ND 0.001

CBDA 0.061 2.135 0.001

0.035 1.225 0.001

0.06

D8-THC

2.1 24.57 0.001 0.001

0.702

ND ND 0.001

CBN

Reviewed On: 07/02/24 13:56:17

Batch Date: 06/30/24 22:51:49

THCV ND ND ND ND 0.001 0.001

CBDV CBC 0.047 1.645 0.001 860.93 mg /Container **Total CBD** 0.053% 1.855 mg /Container

**Total THC** 24.598%

**Total Cannabinoids** 28.878% 1010.73 mg /Container

As Received

Weight: 0.1991g Extracted by: 07/01/24 21:56:32

CBGA

Analysis Method: SOP.T.40.031, SOP.T.30.031 Analytical Batch: DA074675POT

Instrument Used: DA-LC-002 Analyzed Date : N/A

Dilution: 400

Analyzed by: 1665, 585, 1440

Reagent: 062824.R14: 060723.24: 061224.R01

Consumables: 947.100; LLS-00-0005; 280670723; R1KB14270

**Pipette :** DA-079; DA-108; DA-078

Full Spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection in accordance with F.S. Rule 64ER20-39

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### **Vivian Celestino**

Lab Director

State License # CMTL-0002 ISO 17025 Accreditation # ISO/IEC 17025:2017 Accreditation PJLA Testing 97164

Signature 07/03/24



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Black Garlic WF 3.5g (1/8 oz)

Black Garlic Matrix : Flower

Type: Flower-Cured



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FLUENT

5540 W. Executive Drive Tampa, FL, 33609, US **Telephone:** (305) 900-6266 **Email:** Taylor.lones@getfluent.com Sample : DA40628010-006 Harvest/Lot ID: ID-BLG-06/12/24-A170

Batch#: 8929 6519 1645

Sampled: 06/28/24 Ordered: 06/28/24 Sample Size Received: 91 gram
Total Amount: 7075 units

Completed: 07/03/24 Expires: 07/03/25 Sample Method: SOP.T.20.010

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## **Terpenes**

**TESTED** 

Terpenes	LOD (%)	mg/unit	t %	Result (%)		Terpenes		LOD (%)	mg/unit	%	Result (%)
TOTAL TERPENES	0.007	72.70	2.077			SABINENE HYDRATE		0.007	ND	ND	
LIMONENE	0.007	24.01	0.686			VALENCENE		0.007	ND	ND	
BETA-MYRCENE	0.007	16.63	0.475			ALPHA-CEDRENE		0.005	ND	ND	
BETA-CARYOPHYLLENE	0.007	9.17	0.262			ALPHA-PHELLANDRENE		0.007	ND	ND	
BETA-PINENE	0.007	4.45	0.127			ALPHA-TERPINENE		0.007	ND	ND	
ALPHA-HUMULENE	0.007	3.36	0.096			ALPHA-TERPINOLENE		0.007	ND	ND	
FENCHYL ALCOHOL	0.007	3.29	0.094			CIS-NEROLIDOL		0.003	ND	ND	
ALPHA-TERPINEOL	0.007	3.26	0.093			GAMMA-TERPINENE		0.007	ND	ND	
ALPHA-PINENE	0.007	2.52	0.072			Analyzed by:	Weight:		Extraction d	late:	Extracted by:
TRANS-NEROLIDOL	0.005	1.86	0.053			3605, 585, 1440	1.0519g		06/29/24 14		1879
BORNEOL	0.013	1.79	0.051			Analysis Method : SOP.T.30.061A.FL, S	OP.T.40.061A.FL				
ALPHA-BISABOLOL	0.007	1.30	0.037		Ï	Analytical Batch : DA074636TER Instrument Used : DA-GCMS-008					07/03/24 15:43:33 /29/24 12:40:30
CAMPHENE	0.007	1.09	0.031		ĺ	Analyzed Date : N/A			Batci	1 Date: Uo	/29/24 12:40:30
3-CARENE	0.007	ND	ND			Dilution: 10					
CAMPHOR	0.007	ND	ND			Reagent : N/A					
CARYOPHYLLENE OXIDE	0.007	ND	ND			Consumables : N/A					
CEDROL	0.007	ND	ND			Pipette : N/A					
EUCALYPTOL	0.007	ND	ND			Terpenoid testing is performed utilizing Gas	Chromatography I	Aass Spect	rometry. For all	Flower sam	ples, the Total Terpenes % is dry-weight corrected.
FARNESENE	0.007	ND	ND								
FENCHONE	0.007	ND	ND								
GERANIOL	0.007	ND	ND								
GERANYL ACETATE	0.007	ND	ND								
GUAIOL	0.007	ND	ND								
HEXAHYDROTHYMOL	0.007	ND	ND								
ISOBORNEOL	0.007	ND	ND								
ISOPULEGOL	0.007	ND	ND								
LINALOOL	0.007	ND	ND								
NEROL	0.007	ND	ND								
OCIMENE	0.007	ND	ND								
PULEGONE	0.007	ND	ND								
SABINENE	0.007	ND	ND								
Total (%)			2.077								

Total (%)

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### **Vivian Celestino**

Lab Director

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Signature 07/03/24



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Black Garlic Matrix : Flower

Type: Flower-Cured



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Batch#: 8929 6519 1645

6836 Sampled: 06/28/24 Ordered: 06/28/24 Sample Size Received: 91 gram
Total Amount: 7075 units

Completed: 07/03/24 Expires: 07/03/25 Sample Method: SOP.T.20.010

Page 3 of 5



### **Pesticides**

### **PASSED**

esticide		Units	Action Level	Pass/Fail	Result	Pesticide	LOD		Action Level	Pass/Fail	Resu
OTAL CONTAMINANT LOAD (PESTICIDES)	0.010		5	PASS	ND	OXAMYL	0.01	0 ppm	0.5	PASS	ND
OTAL DIMETHOMORPH	0.010		0.2	PASS	ND	PACLOBUTRAZOL	0.01	0 ppm	0.1	PASS	ND
OTAL PERMETHRIN	0.010		0.1	PASS	ND	PHOSMET	0.01	0 ppm	0.1	PASS	ND
OTAL PYRETHRINS	0.010		0.5	PASS	ND	PIPERONYL BUTOXIDE	0.01	0 ppm	3	PASS	ND
OTAL SPINETORAM	0.010		0.2	PASS	ND	PRALLETHRIN		0 ppm	0.1	PASS	ND
OTAL SPINOSAD	0.010		0.1	PASS	ND	PROPICONAZOLE		0 ppm	0.1	PASS	ND
SAMECTIN B1A	0.010		0.1	PASS	ND				0.1	PASS	ND
EPHATE	0.010		0.1	PASS	ND	PROPOXUR		0 ppm		PASS	
EQUINOCYL	0.010		0.1	PASS	ND	PYRIDABEN		0 ppm	0.2		ND
ETAMIPRID	0.010		0.1	PASS	ND	SPIROMESIFEN		0 ppm	0.1	PASS	ND
DICARB	0.010		0.1	PASS	ND	SPIROTETRAMAT	0.01	0 ppm	0.1	PASS	ND
DXYSTROBIN	0.010		0.1	PASS	ND	SPIROXAMINE	0.01	0 ppm	0.1	PASS	ND
ENAZATE	0.010		0.1	PASS	ND	TEBUCONAZOLE	0.01	0 ppm	0.1	PASS	ND
ENTHRIN	0.010		0.1	PASS	ND	THIACLOPRID	0.01	0 ppm	0.1	PASS	ND
SCALID	0.010		0.1	PASS	ND	THIAMETHOXAM	0.01	0 ppm	0.5	PASS	ND
RBARYL	0.010		0.5	PASS	ND	TRIFLOXYSTROBIN		0 ppm	0.1	PASS	ND
RBOFURAN	0.010		0.1	PASS	ND	PENTACHLORONITROBENZENE (PCN		0 PPM	0.15	PASS	ND
LORANTRANILIPROLE	0.010		1	PASS	ND	PARATHION-METHYL *	,	0 PPM	0.15	PASS	ND
LORMEQUAT CHLORIDE	0.010		1	PASS	ND				0.7	PASS	ND
LORPYRIFOS	0.010		0.1	PASS	ND	CAPTAN *		0 PPM			
DENTEZINE	0.010		0.2	PASS	ND	CHLORDANE *		0 PPM	0.1	PASS	ND
UMAPHOS	0.010		0.1	PASS	ND	CHLORFENAPYR *		0 PPM	0.1	PASS	ND
MINOZIDE	0.010		0.1	PASS	ND	CYFLUTHRIN *	0.05	0 PPM	0.5	PASS	ND
ZINON	0.010		0.1	PASS	ND	CYPERMETHRIN *	0.05	0 PPM	0.5	PASS	ND
HLORVOS	0.010		0.1	PASS	ND	Analyzed by: Wei	aht: Extract	ion date:		Extracted b	v:
IETHOATE	0.010		0.1	PASS	ND	<b>795, 585, 1440</b> 0.90		4 08:38:21		1879,585	•
HOPROPHOS	0.010		0.1	PASS	ND	Analysis Method : SOP.T.30.101.FL (C	Gainesville), SOP.T.30.1	.02.FL (Davie)	, SOP.T.40.101	.FL (Gainesville	),
DFENPROX	0.010		0.1	PASS	ND	SOP.T.40.102.FL (Davie)					
DXAZOLE	0.010		0.1	PASS	ND	Analytical Batch : DA074647PES	1		On: 07/02/24		
IHEXAMID	0.010		0.1	PASS	ND	Instrument Used : DA-LCMS-003 (PES Analyzed Date : N/A	)	Batch Date	e:06/29/24 12	:55:04	
NOXYCARB	0.010		0.1	PASS	ND	Dilution: 250					
NPYROXIMATE	0.010		0.1	PASS	ND	Reagent: 040423.08: 062624.R32: 0	62624.R05: 062624.R3	3: 062524.R0	4: 062624.R03	1	
RONIL	0.010		0.1	PASS	ND	Consumables : 326250IW	,				
DNICAMID	0.010		0.1	PASS	ND	Pipette: DA-093; DA-094; DA-219					
JDIOXONIL	0.010		0.1	PASS	ND	Testing for agricultural agents is perform	ned utilizing Liquid Chro	matography T	riple-Quadrupo	le Mass Spectron	netry in
XYTHIAZOX	0.010		0.1	PASS	ND	accordance with F.S. Rule 64ER20-39.					
AZALIL	0.010		0.1	PASS	ND	Analyzed by: Weig 450, 585, 1440 0.902				Extracted by: 1879,585,3379	
DACLOPRID	0.010		0.4	PASS	ND				a) CODT 40 15		
SOXIM-METHYL	0.010		0.1	PASS	ND	Analysis Method : SOP.T.30.151.FL (C Analytical Batch : DA074649VOL			:07/02/24 15:		
LATHION	0.010	P. P.	0.2	PASS	ND	Instrument Used : DA-GCMS-001			06/29/24 13:00		
TALAXYL	0.010		0.1	PASS	ND	Analyzed Date : 07/02/24 13:45:58					
THIOCARB	0.010		0.1	PASS	ND	Dilution: 250					
THOMYL	0.010		0.1	PASS	ND	Reagent: 040423.08; 060324.R01; 0	61824.R31				
VINPHOS	0.010		0.1	PASS	ND	Consumables: 326250IW; 14725401					
CLOBUTANIL	0.010		0.1	PASS	ND	Pipette : DA-080; DA-146; DA-218					
LED	0.010	mag	0.25	PASS	ND	Testing for agricultural agents is perforn	ned utilizing Gas Chrom	atography Trir	nle-Ouadrunole	Mass Spectrome	try in

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Black Garlic WF 3.5g (1/8 oz)

Black Garlic Matrix: Flower

Type: Flower-Cured



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PASSED

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Batch#: 8929 6519 1645

Sampled: 06/28/24 **Ordered**: 06/28/24 Sample Size Received: 91 gram Total Amount: 7075 units Completed: 07/03/24 Expires: 07/03/25

Sample Method: SOP.T.20.010

Page 4 of 5

Reagent: 040423.08; 062624.R32; 062624.R05; 062624.R33; 062524.R04; 062624.R03

Mycotoxins testing utilizing Liquid Chromatography with Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.



### **Microbial**

## **PASSED**



## **Mycotoxins**

SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)

Analytical Batch: DA074653MYC

Analyzed Date : N/A

Consumables: 3262501W **Pipette :** DA-093; DA-094; DA-219

Dilution: 250

Instrument Used : DA-LCMS-003 (MYC)

## **PASSED**

Action

Level

0.02

0.02

0.02

0.02

0.02

Pass /

Fail

PASS

PASS

PASS

PASS

PASS

Extracted by:

1879,585

Reviewed On: 07/02/24 22:39:21

Batch Date: 06/29/24 13:06:15

Analyte		LOD	Units	Result	Pass / Fail	Action Level	Analyte		LOD	Units	Result	Pas Fai
ASPERGILLUS TER	REUS			Not Present	PASS		AFLATOXIN B2		0.002	ppm	ND	PAS
ASPERGILLUS NIG	ER			Not Present	PASS		AFLATOXIN B1		0.002	ppm	ND	PAS
ASPERGILLUS FUN	/IIGATUS			Not Present	PASS		OCHRATOXIN A		0.002	ppm	ND	PAS
ASPERGILLUS FLA	VUS			Not Present	PASS		AFLATOXIN G1		0.002	ppm	ND	PAS
SALMONELLA SPE	CIFIC GENE			Not Present	PASS		AFLATOXIN G2		0.002	ppm	ND	PAS
ECOLI SHIGELLA TOTAL YEAST AND	MOLD	10	CFU/g	Not Present <10	PASS PASS	100000	Analyzed by: 585, 1440	<b>Weight:</b> 0.9028g	Extraction date: 07/03/24 08:38:2	1		<b>tracte</b>
Analyzed by:	Weight:	Extr	action date:	1	Extracted	by:	Analysis Method : So	DP.T.30.101.FL	(Gainesville), SOP.T.	40.101.FI	_ (Gainesvi	ille),

Analyzed by: Weight: **Extraction date:** Extracted by: 3390, 585, 1440 1.0448g 06/29/24 13:12:49

Analysis Method: SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL Analytical Batch: DA074629MIC

Reviewed On: 07/02/24

Instrument Used: PathogenDx Scanner DA-111.Applied Biosystems Batch Date: 06/29/24 2720 Thermocycler DA-010,Fisher Scientific Isotemp Heat Block 10:33:33

(55\*C) DA-020, Fisher Scientific Isotemp Heat Block (95\*C) DA-049, Fisher Scientific Isotemp Heat Block (55\*C) DA-021

**Analyzed Date:** 06/29/24 16:26:11

Dilution: 10

Pip

Reagent : 061324.36; 061324 Consumables : 7574002043 Pipette : N/A	1.42; 062424.R02	; 030724.32		Пна	<b>Heavy Metals</b>			PAS	SED
Analyzed by: 1531, 3390, 585, 1440	Weight: 1.0448g	Extraction date:	Extracted by: 3390,4531	ը ը					
Analysis Method : SOP.T.40.2			7/02/24 16 06 46	Metal	LOD	Units	Result	Pass / Fail	Action Level

Analysis Method: SOP.T.40.208 (Gainesville), SOF	P.T.40.209.FL
Analytical Batch : DA074635TYM	Reviewed On: 07/02/24 16:06:46
Instrument Used : Incubator (25*C) DA- 328	Batch Date: 06/29/24 11:00:21
Analyzed Date: 07/01/24 13:08:19	

Dilution: 10Reagent: 061324.36; 061324.42; 060524.R53 Consumables : N/A Pipette : N/A

Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.

Metal		LOD	Omes	Nesuit	Fail	Level
TOTAL CONTAMINAN	T LOAD METALS	0.080	ppm	ND	PASS	1.1
ARSENIC		0.020	ppm	ND	PASS	0.2
CADMIUM		0.020	ppm	ND	PASS	0.2
MERCURY		0.020	ppm	ND	PASS	0.2
LEAD		0.020	ppm	ND	PASS	0.5
				-		

Analyzed by: 1022, 585, 1440 0.2691g 06/29/24 14:23:44 1879.3807

Analysis Method: SOP.T.30.082.FL, SOP.T.40.082.FL

Analytical Batch : DA074628HEA Instrument Used : DA-ICPMS-004 Reviewed On: 07/02/24 18:36:30 Batch Date: 06/29/24 10:33:18 Analyzed Date : N/A

Dilution: 50

Reagent: 062524.R26; 062424.R09; 062624.R31; 062424.R07; 062424.R08; 061724.01;

Consumables: 179436: 120423CH01: 210508058

Pipette: DA-061; DA-191; DA-216

Heavy Metals analysis is performed using Inductively Coupled Plasma Mass Spectrometry in accordance with F.S. Rule 64ER20-39.

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### Filth/Foreign **Material**

# PASSED



**PASSED** 

Analyte LOD Units Result P/F Action Level Analyte LOD Units Result P/F **Action Level** Filth and Foreign Material 0.100 % ND PASS 1 **Moisture Content** 1.00 % 14.68 PASS 15

Analyzed by: 585, 1440, 1879 Extraction date Analyzed by: 585, 4512, 1440 Extraction date 1g 07/03/24 09:20:37 N/A 0.501q06/29/24 14:28:45 4512

Analysis Method: SOP.T.40.090

Analytical Batch : DA074663FIL
Instrument Used : Filth/Foreign Material Microscope

Analyzed Date: 07/01/24 02:35:31

Dilution: N/AReagent: N/A Pipette: N/A

Filth and foreign material inspection is performed by visual inspection utilizing naked eye and microscope technologies in accordance with F.S. Rule 64ER20-39.



### **Water Activity**

Reviewed On: 07/02/24 21:03:06

Batch Date: 06/29/24 15:58:15

Reviewed On: 07/01/24 02:45:04 Batch Date: 06/29/24 19:18:21

LOD Units Result P/F **Action Level** Analyte PASS Water Activity 0.010 aw 0.554 0.65

Extraction date: 06/30/24 14:43:41 Analyzed by: 795, 585, 1440 Extracted by: 4512

Analysis Method : SOP.T.40.019 Analytical Batch: DA074661WAT

Instrument Used : DA-028 Rotronic Hygropalm

Analyzed Date: 06/30/24 14:49:28

Dilution: N/A Reagent : N/A Consumables : N/A Pipette: N/A

Water Activity is performed using a Rotronic HygroPalm HP 23-AW in accordance with F.S. Rule 64ER20-39.

**Moisture** 

**Reviewed On:** 07/03/24

Instrument Used: DA-003 Moisture Analyzer, DA-046 Moisture Batch Date: 06/29/24 14:15:08

Analyzer, DA-263 Moisture Analyser, DA-264 Moisture Analyser

**Analyzed Date:** 06/30/24 10:45:25

Reagent: 020124.02; 051624.01

Analysis Method: SOP.T.40.021

Consumables : N/A Pipette: DA-066

Moisture Content analysis utilizing loss-on-drying technology in accordance with F.S. Rule 64ER20-39

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