



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Sample: GA30413004-005

Harvest/Lot ID: 59D419

Batch#: 59D419

Seed to Sale# .

Batch Date: 04/03/23

Sample Size Received: 70 gram

Total Amount: 100 units

Retail Product Size: 70 gram

Ordered : 04/06/23

Sampled : 04/06/23

Completed: 04/19/23

Sampling Method: SOP.T.20.010.FL

Apr 19, 2023 | Slow Wave

1045 Whalen Road  
Penfield, NY, 14526, US



**PASSED**

Pages 1 of 5

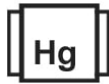
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**NOT TESTED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.



Cannabinoid

**PASSED**



Total THC  
**0.046%**  
Total THC/Container : 32.2 mg



Total CBD  
**1.453%**  
Total CBD/Container : 1017.1 mg



Total Cannabinoids  
**1.585%**  
Total Cannabinoids/Container : 1109.5 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.046	ND	1.449	0.005	ND	0.03	ND	0.003	ND	0.009	0.043
mg/unit	32.2	ND	1014.3	3.5	ND	21	ND	2.1	ND	6.3	30.1
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
%		%	%	%	%	%	%	%	%	%	%

Analyzed by:  
2507, 3317, 3303, 1649

Weight:  
3.0488g

Extraction date:  
04/14/23 15:58:45

Extracted by:  
3655

Analysis Method : SOP.T.40.031, SOP.T.30.031

Analytical Batch : GA058698POT

Instrument Used : GA-HPLC-001 2030C Plus (Infused)

Analyzed Date : 04/14/23 17:47:30

Reviewed On : 04/18/23 13:46:34

Batch Date : 04/13/23 11:40:40

Dilution : 400

Reagent : 030323.R43; 010421.44; 030823.03; 031023.11; 071522.04; 041423.R23; 040623.R24

Consumables : GA-169; GA-209; 947.109; 21/05/14; 9291.271; LLS-00-0005; 12543-226CD-226C; RONB32898; 000000146137; 944C4 944J; 212516; GA-196; 0000185478

Pipette : GA-003; GA-005; GA-007; GA-177

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

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Miranda MacDonald**  
Lab Director



State License # CMTL-0001  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164

Signature  
04/19/23



# Certificate of Analysis

**PASSED**

Slow Wave


Sample : GA30413004-005  
Harvest/Lot ID: 59D419

1045 Whalen Road  
Penfield, NY, 14526, US  
Telephone: 8452397878  
Email: allegra@shopslowwave.com

Batch# : 59D419  
Sampled : 04/06/23  
Ordered : 04/06/23

Sample Size Received : 70 gram  
Total Amount : 100 units  
Completed : 04/19/23 Expires: 04/19/24  
Sample Method : SOP Client Method

Page 2 of 5

 <b>Pesticides</b>						<b>PASSED</b>					
Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.01	ppm	30	PASS	0.436	OXAMYL	0.01	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.01	ppm	3	PASS	ND	PACLOBUTRAZOL	0.01	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.01	ppm	1	PASS	0.436	PHOSMET	0.01	ppm	0.2	PASS	ND
TOTAL PYRETHRINS	0.01	ppm	1	PASS	ND	PIPERONYL BUTOXIDE	0.01	ppm	3	PASS	ND
TOTAL SPINETORAM	0.01	ppm	3	PASS	ND	PRALLETHRIN	0.01	ppm	0.4	PASS	ND
TOTAL SPINOSAD	0.01	ppm	3	PASS	ND	PROPICONAZOLE	0.01	ppm	1	PASS	ND
ABAMECTIN B1A	0.01	ppm	0.3	PASS	ND	PROPOXUR	0.01	ppm	0.1	PASS	ND
ACEPHATE	0.01	ppm	3	PASS	ND	PYRIDABEN	0.01	ppm	3	PASS	ND
ACEQUINOCYL	0.01	ppm	2	PASS	ND	SPIROMESIFEN	0.01	ppm	3	PASS	ND
ACETAMIPRID	0.01	ppm	3	PASS	ND	SPIROTETRAMAT	0.01	ppm	3	PASS	ND
ALDICARB	0.01	ppm	0.1	PASS	ND	SPIROXAMINE	0.01	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.01	ppm	3	PASS	ND	TEBUCONAZOLE	0.01	ppm	1	PASS	ND
BIFENAZATE	0.01	ppm	3	PASS	ND	THIACLOPRID	0.01	ppm	0.1	PASS	ND
BIFENTHRIN	0.01	ppm	0.5	PASS	ND	THIAMETHOXAM	0.01	ppm	1	PASS	ND
BOSCALID	0.01	ppm	3	PASS	ND	TRIFLOXYSTROBIN	0.01	ppm	3	PASS	ND
CARBARYL	0.01	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.01	PPM	0.2	PASS	ND
CARBOFURAN	0.01	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.01	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.01	ppm	3	PASS	ND	CAPTAN *	0.07	PPM	3	PASS	ND
CHLORMEQUAT CHLORIDE	0.01	ppm	3	PASS	ND	CHLORDANE *	0.01	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.01	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.01	PPM	0.1	PASS	ND
CLOFENTEZINE	0.01	ppm	0.5	PASS	ND	CYFLUTHRIN *	0.05	PPM	1	PASS	ND
COUMAPHOS	0.01	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.05	PPM	1	PASS	ND
DAMINOZIDE	0.01	ppm	0.1	PASS	ND						
DIAZINON	0.01	ppm	3	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
DICHLORVOS	0.01	ppm	0.1	PASS	ND	795, 3303, 1649	0.2628g	04/18/23 00:46:51	795		
DIMETHOATE	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie)					
ETHOPROPHOS	0.01	ppm	0.1	PASS	ND	Analytical Batch : DA058903PES					
ETOFENPROX	0.01	ppm	0.1	PASS	ND	Instrument Used : DA-LCMS-004 (PES)					
ETOXAZOLE	0.01	ppm	1.5	PASS	ND	Analyzed Date : N/A					
FENHEXAMID	0.01	ppm	3	PASS	ND	Dilution : 250					
FENOXYCARB	0.01	ppm	0.1	PASS	ND	Reagent : N/A					
FENPYROXIMATE	0.01	ppm	2	PASS	ND	Consumables : N/A					
FIPRONIL	0.01	ppm	0.1	PASS	ND	Pipette : N/A					
FLONICAMID	0.01	ppm	2	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
FLUDIOXONIL	0.01	ppm	3	PASS	ND	Analyzed by:	Weight:	Extraction date:	Extracted by:		
HEXYTHIAZOX	0.01	ppm	2	PASS	ND	3317, 3303, 1649	0.9247g	04/15/23 10:20:56	3575		
IMAZALIL	0.01	ppm	0.1	PASS	ND	Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
IMIDACLOPRID	0.01	ppm	1	PASS	ND	Analytical Batch : GA058807VOL					
KRESOXIM-METHYL	0.01	ppm	1	PASS	ND	Instrument Used : GA-GCMS-006					
MALATHION	0.01	ppm	2	PASS	ND	Analyzed Date : 04/15/23 11:43:48					
METALAXYL	0.01	ppm	3	PASS	ND	Dilution : 50					
METHIOCARB	0.01	ppm	0.1	PASS	ND	Reagent : 041223.R79; 032823.R34; 011122.06					
METHOMYL	0.01	ppm	0.1	PASS	ND	Consumables : 212823; 947.109; 21/05/14; 9291.271; LLS-00-0005; 89012-780; 296055173; 55447-U.15143701; 944C4 944; 206639					
MEVINPHOS	0.01	ppm	0.1	PASS	ND	Pipette : GA-003; GA-005; GA-177; GA-210 Dispenser					
MYCLOBUTANIL	0.01	ppm	3	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
NALED	0.01	ppm	0.5	PASS	ND						

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Miranda MacDonald**  
Lab Director



State License # CMTL-0001  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164

Signature  
04/19/23



# Certificate of Analysis

**PASSED**

Slow Wave

 1045 Whalen Road  
 Penfield, NY, 14526, US  
 Telephone: 8452397878  
 Email: allegra@shopslowwave.com

 Sample : GA30413004-005  
 Harvest/Lot ID: 59D419

 Batch# : 59D419  
 Sampled : 04/06/23  
 Ordered : 04/06/23

 Sample Size Received : 70 gram  
 Total Amount : 100 units  
 Completed : 04/19/23 Expires: 04/19/24  
 Sample Method : SOP Client Method

Page 3 of 5



## Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	2	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	750	PASS	ND
ACETONITRILE	6	ppm	60	PASS	ND
BENZENE	0.1	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500	ppm	5000	PASS	ND
CHLOROFORM	0.2	ppm	2	PASS	ND
DICHLOROMETHANE	12.5	ppm	125	PASS	ND
ETHANOL	500	ppm		TESTED	ND
ETHYL ACETATE	40	ppm	400	PASS	ND
ETHYL ETHER	50	ppm	500	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	250	PASS	ND
N-HEXANE	25	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75	ppm	750	PASS	ND
PROPANE	500	ppm	5000	PASS	ND
TOLUENE	15	ppm	150	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	25	PASS	ND

Analyzed by: 3298, 3317, 1649	Weight: 0.0213g	Extraction date: 04/14/23 17:28:46	Extracted by: 3298
----------------------------------	--------------------	---------------------------------------	-----------------------

Analysis Method : SOP.T.40.041.FL Analytical Batch : GA05873950L Instrument Used : GA-GCMS-001 Headspace Solvent Analyzed Date : 04/14/23 15:26:13	Reviewed On : 04/18/23 14:23:25 Batch Date : 04/14/23 10:38:20
---	---

 Dilution : N/A  
 Reagent : 010421.47  
 Consumables : 27296; 854996  
 Pipette : GA-247

Residual solvents analysis is performed utilizing Gas Chromatography Mass Spectrometry in accordance with with F.S. Rule 64ER20-39.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Miranda MacDonald**  
 Lab Director



 State License # CMTL-0001  
 ISO 17025 Accreditation # ISO/IEC  
 17025:2017 Accreditation P/LA-  
 Testing 97164

 Signature  
 04/19/23



# Certificate of Analysis

**PASSED**

Slow Wave

1045 Whalen Road  
Penfield, NY, 14526, US  
Telephone: 8452397878  
Email: allegra@shopslowwave.com

Sample : GA30413004-005  
Harvest/Lot ID: 59D419

Batch # : 59D419  
Sampled : 04/06/23  
Ordered : 04/06/23

Sample Size Received : 70 gram  
Total Amount : 100 units  
Completed : 04/19/23 Expires: 04/19/24  
Sample Method : SOP Client Method

Page 4 of 5

	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
---	------------------	---------------	---	-------------------	---------------

Analyte	LOD	Units	Result	Pass / Fail	Action Level
ECOLI SHIGELLA			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS TERREUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
LISTERIA MONOCYTOGENES			Not Present	PASS	
TOTAL YEAST AND MOLD	10	CFU/g	<10	PASS	100000

Analyzed by: 1790, 3793, 3721, 1649      Weight: 1.0492g      Extraction date: 04/14/23 17:13:23      Extracted by: 3721,1790

Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL  
Analytical Batch : GA058812MIC      Reviewed On : 04/18/23 09:52:31  
Instrument Used : GA-200 Bacterial / GA-102 Fungal Incubators      Batch Date : 04/14/23 17:10:46  
Analyzed Date : 04/15/23 13:42:59

Dilution : 90  
Reagent : 021023.08  
Consumables : GA-186; 010205; 262202; 013209; 007109; 61630-123C6-123E  
Pipette : GA-020

Analyzed by: 1790, 3793, 3721, 1649      Weight: 1.0492g      Extraction date: 04/14/23 17:13:23      Extracted by: 3721,1790

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL  
Analytical Batch : GA058814TYM      Reviewed On : 04/18/23 09:53:40  
Instrument Used : GA-102 Fungal Incubator (TYM)      Batch Date : 04/14/23 17:14:26  
Analyzed Date : 04/15/23 14:48:20

Dilution : 90  
Reagent : 021023.08  
Consumables : GA-186; 007109; 61630-123C6-123E  
Pipette : GA-020

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

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN B2	0.002	ppm	ND	PASS	0.02
AFLATOXIN B1	0.002	ppm	ND	PASS	0.02
OCHRATOXIN A	0.002	ppm	ND	PASS	0.02
AFLATOXIN G1	0.002	ppm	ND	PASS	0.02
AFLATOXIN G2	0.002	ppm	ND	PASS	0.02

Analyzed by: 795, 3303, 1649      Weight: 0.2628g      Extraction date: 04/18/23 00:46:51      Extracted by: 795

Analysis Method : SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie)  
Analytical Batch : DA058904MYC      Reviewed On : 04/19/23 09:18:25  
Instrument Used : DA-LCMS-004 (MYC)      Batch Date : 04/18/23 00:47:03  
Analyzed Date : N/A

Dilution : 250  
Reagent : N/A  
Consumables : N/A  
Pipette : N/A

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

	<b>Heavy Metals</b>	<b>PASSED</b>
---	---------------------	---------------

Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	5
ARSENIC	0.02	ppm	ND	PASS	1.5
CADMIUM	0.02	ppm	ND	PASS	0.5
MERCURY	0.02	ppm	ND	PASS	3
LEAD	0.02	ppm	ND	PASS	0.5

Analyzed by: 3303, 3317, 1649      Weight: 0.2531g      Extraction date: 04/15/23 10:25:12      Extracted by: 3655,3303

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL  
Analytical Batch : GA058761HEA      Reviewed On : 04/16/23 13:55:09  
Instrument Used : GA-ICPMS-002      Batch Date : 04/14/23 11:13:25  
Analyzed Date : 04/15/23 13:00:21

Dilution : 50  
Reagent : 030123.R48; 031523.R44; 010421.44; 071522.04; 011523.R02; 011523.R01; 110122.R06; 011523.R04; 011523.R03  
Consumables : 212823; CGR0114; 12543-226CD-226C  
Pipette : GA-012

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

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Miranda MacDonald**  
Lab Director

State License # CMTL-0001  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164



Signature  
04/19/23



# Certificate of Analysis

**PASSED**

**Slow Wave**

1045 Whalen Road  
Penfield, NY, 14526, US  
Telephone: 8452397878  
Email: allegra@shopslowwave.com

Sample : GA30413004-005  
Harvest/Lot ID: 59D419

Batch# : 59D419  
Sampled : 04/06/23  
Ordered : 04/06/23

Sample Size Received : 70 gram  
Total Amount : 100 units  
Completed : 04/19/23 Expires: 04/19/24  
Sample Method : SOP Client Method

Page 5 of 5

	<b>Filth/Foreign Material</b>	<b>PASSED</b>
---	-------------------------------	---------------

Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.1	%	ND	PASS	1

Analyzed by: 3600, 3317, 1649	Weight: 70.4505g	Extraction date: 04/14/23 15:38:31	Extracted by: 3600
----------------------------------	---------------------	---------------------------------------	-----------------------

Analysis Method : SOP.T.40.090  
Analytical Batch : GA058806FIL  
Instrument Used : GA-Filth/Foreign Material Microscope  
Analyzed Date : N/A  
Reviewed On : 04/16/23 00:35:00  
Batch Date : 04/14/23 15:38:02

Dilution : N/A  
Reagent : N/A  
Consumables : 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.

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on F.S. Rule 64ER20-39 and F.S. Rule 5K-4. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**Miranda MacDonald**  
Lab Director

State License # CMTL-0001  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164



Signature  
04/19/23