



Certificate of Analysis

COMPLIANCE FOR RETAIL

Laboratory Sample ID: DA41023008-019



Production Method: CO2
Harvest/Lot ID: 20240827-710LUNZ-FL2H14
Batch#: 1000001000275724
Cultivation Facility: Homestead
Processing Facility: Homestead
Source Facility: Homestead
Seed to Sale#: LFG-00005299
Harvest Date: 10/22/24
Sample Size Received: 16 gram
Total Amount: 452 units
Retail Product Size: 1 gram
Retail Serving Size: 1 gram
Servings: 1
Ordered: 10/23/24
Sampled: 10/23/24
Completed: 10/27/24
Revision Date: 10/31/24
Sampling Method: SOP.T.20.010

Oct 31, 2024 | The Flowery

Samples From:
Homestead, FL, 33090, US

THE FLOWERY

PASSED

Pages 1 of 6

SAFETY RESULTS



Pesticides
PASSED



Heavy Metals
PASSED



Microbials
PASSED



Mycotoxins
PASSED



Residuals
Solvents
PASSED



Filtration
PASSED



Water Activity
PASSED



Moisture
NOT TESTED



Terpenes
TESTED

MISC.



Cannabinoid

PASSED



Total THC
82.470%
Total THC/Container : 824.700 mg



Total CBD
0.147%
Total CBD/Container : 1.470 mg



Total Cannabinoids
94.007%
Total Cannabinoids/Container : 940.070 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	2.137	91.600	ND	0.168	0.043	ND	ND	ND	ND	ND	0.059
mg/unit	21.37	916.00	ND	1.68	0.43	ND	ND	ND	ND	ND	0.59
LOD	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Analized by:
3335, 1665, 585, 1440

Weight:
0.1036g

Extraction date:
10/24/24 13:14:59

Extracted by:
3335

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

Analytical Batch : DA079361POT

Instrument Used : DA-LC-007

Analized Date : 10/25/24 11:16:41

Batch Date : 10/24/24 08:45:49

Dilution : 400

Reagent : 102324.R06; 071624.04; 101724.R04

Consumables : 947.109; 20240202; CE0123; 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
10/27/24

Revision: #1

This revision supersedes any and all previous versions of this document.



Certificate of Analysis

PASSED

The Flowery

Samples From:
Homestead, FL, 33090, US
Telephone: (321) 266-2467
Email: brian@theflowery.co

Sample : DA41023008-019
Harvest/Lot ID: 20240827-710LUNZ-FL2H14
Batch# : 1000001000275724 Sample Size Received : 16 gram
Sampled : 10/23/24 Total Amount : 452 units
Ordered : 10/23/24 Completed : 10/27/24 Expires: 10/31/25
Sample Method : SOP.T.20.010

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Terpenes				TESTED			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
TOTAL TERPENES	0.007	56.78	5.678	OCIMENE	0.007	ND	ND
LIMONENE	0.007	16.87	1.687	PULEGONE	0.007	ND	ND
BETA-CARYOPHYLLENE	0.007	9.58	0.958	SABINENE	0.007	ND	ND
LINALOOL	0.007	9.14	0.914	VALENCENE	0.007	ND	ND
ALPHA-HUMULENE	0.007	3.78	0.378	ALPHA-CEDRENE	0.005	ND	ND
BETA-PINENE	0.007	3.12	0.312	ALPHA-PHELLANDRENE	0.007	ND	ND
FENCHYL ALCOHOL	0.007	2.06	0.206	ALPHA-TERPINENE	0.007	ND	ND
ALPHA-TERPINEOL	0.007	1.86	0.186	CIS-NEROLIDOL	0.003	ND	ND
ALPHA-PINENE	0.007	1.75	0.175	Analyzed by: 3605, 585, 1440 Weight: 0.2359g Extraction date: 10/24/24 13:20:29 Extracted by: 3605			
TRANS-NEROLIDOL	0.005	1.45	0.145	Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA079357TER Instrument Used : DA-GCMS-004 Analyzed Date : 10/25/24 11:16:43 Batch Date : 10/24/24 08:40:33			
ALPHA-BISABOLOL	0.007	1.38	0.138	Dilution : 10 Reagent : 081924.03 Consumables : 947.109; 240321-634-A; 280670723; CE0123 Pipette : DA-065			
GERANIOL	0.007	1.11	0.111	Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
BETA-MYRCENE	0.007	0.99	0.099				
BORNEOL	0.013	0.85	0.085				
CAMPHENE	0.007	0.65	0.065				
CARYOPHYLLENE OXIDE	0.007	0.49	0.049				
ALPHA-TERPINOLENE	0.007	0.49	0.049				
SABINENE HYDRATE	0.007	0.33	0.033				
FENCHONE	0.007	0.32	0.032				
GERANYL ACETATE	0.007	0.31	0.031				
GAMMA-TERPINENE	0.007	0.25	0.025				
3-CARENE	0.007	ND	ND				
CAMPHOR	0.007	ND	ND				
CEDROL	0.007	ND	ND				
EUCALYPTOL	0.007	ND	ND				
FARNESENE	0.001	ND	ND				
GUAJOL	0.007	ND	ND				
HEXAHYDROTHYMOL	0.007	ND	ND				
ISOBORNEOL	0.007	ND	ND				
ISOPULEGOL	0.007	ND	ND				
NEROL	0.007	ND	ND				
Total (%)			5.678				

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Vivian Celestino
Lab Director

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

Signature
10/27/24



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Homestead, FL, 33090, US
Telephone: (321) 266-2467
Email: brian@theflowery.co

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Pesticides

PASSED

Pesticide	LOD	Units	Action Level	Pass/Fail	Result	Pesticide	LOD	Units	Action Level	Pass/Fail	Result
TOTAL CONTAMINANT LOAD (PESTICIDES)	0.010	ppm	5	PASS	ND	OXAMYL	0.010	ppm	0.5	PASS	ND
TOTAL DIMETHOMORPH	0.010	ppm	0.2	PASS	ND	PACLOBUTRAZOL	0.010	ppm	0.1	PASS	ND
TOTAL PERMETHRIN	0.010	ppm	0.1	PASS	ND	PHOSMET	0.010	ppm	0.1	PASS	ND
TOTAL PYRETHRINS	0.010	ppm	0.5	PASS	ND	PIPERONYL BUTOXIDE	0.010	ppm	3	PASS	ND
TOTAL SPINETORAM	0.010	ppm	0.2	PASS	ND	PRALLETHRIN	0.010	ppm	0.1	PASS	ND
TOTAL SPINOSAD	0.010	ppm	0.1	PASS	ND	PROPICONAZOLE	0.010	ppm	0.1	PASS	ND
ABAMECTIN B1A	0.010	ppm	0.1	PASS	ND	PROPOXUR	0.010	ppm	0.1	PASS	ND
ACEPHATE	0.010	ppm	0.1	PASS	ND	PYRIDABEN	0.010	ppm	0.2	PASS	ND
ACEQUINOCYL	0.010	ppm	0.1	PASS	ND	SPIROMESIFEN	0.010	ppm	0.1	PASS	ND
ACETAMIPRID	0.010	ppm	0.1	PASS	ND	SPIROTETRAMAT	0.010	ppm	0.1	PASS	ND
ALDICARB	0.010	ppm	0.1	PASS	ND	SPIROXAMINE	0.010	ppm	0.1	PASS	ND
AZOXYSTROBIN	0.010	ppm	0.1	PASS	ND	TEBUCONAZOLE	0.010	ppm	0.1	PASS	ND
BIFENAZATE	0.010	ppm	0.1	PASS	ND	THIACLOPRID	0.010	ppm	0.1	PASS	ND
BIFENTHRIN	0.010	ppm	0.1	PASS	ND	THIAMETHOXAM	0.010	ppm	0.5	PASS	ND
BOSCALID	0.010	ppm	0.1	PASS	ND	TRIFLOXYSTROBIN	0.010	ppm	0.1	PASS	ND
CARBARYL	0.010	ppm	0.5	PASS	ND	PENTACHLORONITROBENZENE (PCNB) *	0.010	PPM	0.15	PASS	ND
CARBOFURAN	0.010	ppm	0.1	PASS	ND	PARATHION-METHYL *	0.010	PPM	0.1	PASS	ND
CHLORANTRANILIPROLE	0.010	ppm	1	PASS	ND	CAPTAN *	0.070	PPM	0.7	PASS	ND
CHLORMEQUAT CHLORIDE	0.010	ppm	1	PASS	ND	CHLORDANE *	0.010	PPM	0.1	PASS	ND
CHLORPYRIFOS	0.010	ppm	0.1	PASS	ND	CHLORFENAPYR *	0.010	PPM	0.1	PASS	ND
CLOFENTEZINE	0.010	ppm	0.2	PASS	ND	CYFLUTHRIN *	0.050	PPM	0.5	PASS	ND
COUMAPHOS	0.010	ppm	0.1	PASS	ND	CYPERMETHRIN *	0.050	PPM	0.5	PASS	ND
DAMINOZIDE	0.010	ppm	0.1	PASS	ND						
DIAZINON	0.010	ppm	0.1	PASS	ND	Analyzed by: 3379, 585, 1440 Weight: 0.2471g Extraction date: 10/24/24 15:14:15 Extracted by: 450,3621 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) Analytical Batch : DA079365PES Instrument Used : DA-LCMS-004 (PES) Batch Date : 10/24/24 08:53:36 Analyzed Date : 10/25/24 10:35:20 Dilution : 250 Reagent : 101624.R32; 102224.R03; 102124.R01; 102224.R28; 102124.R08; 102224.R01; 081023.01 Consumables : 326250IW Pipette : DA-093; DA-094; DA-219					
ETOFENPROX	0.010	ppm	0.1	PASS	ND	Analyzed by: 450, 585, 1440 Weight: 0.2471g Extraction date: 10/24/24 15:14:15 Extracted by: 450,3621 Analysis Method : SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL Analytical Batch : DA079367VOL Instrument Used : DA-GCMS-010 Batch Date : 10/24/24 08:58:06 Analyzed Date : 10/25/24 10:33:46 Dilution : 250 Reagent : 102124.R01; 081023.01; 101024.R05; 101024.R08 Consumables : 326250IW; 20240202; 14725401 Pipette : DA-080; DA-146; DA-218					
ETOXAZOLE	0.010	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Liquid Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39. Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
FENHEXAMID	0.010	ppm	0.1	PASS	ND						
FENOXYCARB	0.010	ppm	0.1	PASS	ND						
FENPYROXIMATE	0.010	ppm	0.1	PASS	ND						
FIPRONIL	0.010	ppm	0.1	PASS	ND						
FLONICAMID	0.010	ppm	0.1	PASS	ND						
FLUDIOXONIL	0.010	ppm	0.1	PASS	ND						
HEXYTHIAZOX	0.010	ppm	0.1	PASS	ND						
IMAZALIL	0.010	ppm	0.1	PASS	ND						
IMIDACLOPRID	0.010	ppm	0.4	PASS	ND						
KRESOXIM-METHYL	0.010	ppm	0.1	PASS	ND						
MALATHION	0.010	ppm	0.2	PASS	ND						
METALAXYL	0.010	ppm	0.1	PASS	ND						
METHIACARB	0.010	ppm	0.1	PASS	ND						
METHOMYL	0.010	ppm	0.1	PASS	ND						
MEVINPHOS	0.010	ppm	0.1	PASS	ND						
MYCLOBUTANIL	0.010	ppm	0.1	PASS	ND						
NALED	0.010	ppm	0.25	PASS	ND						

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Vivian Celestino
Lab Director

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ISO 17025 Accreditation # ISO/IEC
17025:2017 Accreditation P/LA-
Testing 97164



Signature
10/27/24



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 Sample Method : SOP.T.20.010

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Residual Solvents

PASSED

Solvents	LOD	Units	Action Level	Pass/Fail	Result
1,1-DICHLOROETHENE	0.800	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.200	ppm	2	PASS	ND
2-PROPANOL	50.000	ppm	500	PASS	ND
ACETONE	75.000	ppm	750	PASS	ND
ACETONITRILE	6.000	ppm	60	PASS	ND
BENZENE	0.100	ppm	1	PASS	ND
BUTANES (N-BUTANE)	500.000	ppm	5000	PASS	ND
CHLOROFORM	0.200	ppm	2	PASS	ND
DICHLOROMETHANE	12.500	ppm	125	PASS	ND
ETHANOL	500.000	ppm	5000	PASS	ND
ETHYL ACETATE	40.000	ppm	400	PASS	ND
ETHYL ETHER	50.000	ppm	500	PASS	ND
ETHYLENE OXIDE	0.500	ppm	5	PASS	ND
HEPTANE	500.000	ppm	5000	PASS	ND
METHANOL	25.000	ppm	250	PASS	ND
N-HEXANE	25.000	ppm	250	PASS	ND
PENTANES (N-PENTANE)	75.000	ppm	750	PASS	ND
PROPANE	500.000	ppm	5000	PASS	ND
TOLUENE	15.000	ppm	150	PASS	ND
TOTAL XYLENES	15.000	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.500	ppm	25	PASS	ND

Analyzed by: 850, 585, 1440	Weight: 0.0223g	Extraction date: 10/25/24 12:59:05	Extracted by: 850
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Analysis Method : SOP.T.40.041.FL	Batch Date : 10/24/24 13:42:03
Analytical Batch : DA07940450L	
Instrument Used : DA-GCMS-003	
Analyzed Date : 10/27/24 10:50:54	

 Dilution : 1
 Reagent : 030420.09
 Consumables : 430274; 306143
 Pipette : DA-309 25 uL Syringe 35028

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

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Vivian Celestino
 Lab Director

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



 Signature
 10/27/24



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Page 5 of 6

	Microbial	PASSED		Mycotoxins	PASSED
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Analyte	LOD	Units	Result	Pass / Fail	Action Level
ASPERGILLUS TERREUS			Not Present	PASS	
ASPERGILLUS NIGER			Not Present	PASS	
ASPERGILLUS FUMIGATUS			Not Present	PASS	
ASPERGILLUS FLAVUS			Not Present	PASS	
SALMONELLA SPECIFIC GENE			Not Present	PASS	
ECOLI SHIGELLA			Not Present	PASS	
TOTAL YEAST AND MOLD	10.00	CFU/g	<10	PASS	100000

Analyzed by: 3621, 4520, 585, 1440
Weight: 1.012g
Extraction date: 10/24/24 10:32:35
Extracted by: 4044,3621
Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL
Analytical Batch : DA079347MIC
Instrument Used : PathogenDx Scanner DA-111, Applied Biosystems 2720 Thermocycler DA-010, Fisher Scientific Isotemp Heat Block (55°C) DA-020, Fisher Scientific Isotemp Heat Block (95°C) DA-049, Fisher Scientific Isotemp Heat Block (55°C) DA-021, Fisher Scientific Isotemp Heat Block (55°C) DA-366, Fisher Scientific Isotemp Heat Block (95°C) DA-367
Analyzed Date : 10/25/24 11:00:55
Dilution : 10
Reagent : 092424.33; 092424.37; 100824.R30; 042924.39
Consumables : 7576003046
Pipette : N/A

Analyte	LOD	Units	Result	Pass / Fail	Action Level
AFLATOXIN B2	0.00	ppm	ND	PASS	0.02
AFLATOXIN B1	0.00	ppm	ND	PASS	0.02
OCHRATOXIN A	0.00	ppm	ND	PASS	0.02
AFLATOXIN G1	0.00	ppm	ND	PASS	0.02
AFLATOXIN G2	0.00	ppm	ND	PASS	0.02

Analyzed by: 3379, 585, 1440
Weight: 0.2471g
Extraction date: 10/24/24 15:14:15
Extracted by: 450,3621
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 : DA079366MYC
Instrument Used : N/A
Analyzed Date : 10/25/24 09:49:20
Dilution : 250
Reagent : 101624.R32; 102224.R03; 102124.R01; 102224.R28; 102124.R08; 102224.R01; 081023.01
Consumables : 326250IW
Pipette : DA-093; DA-094; DA-219

Dilution : 10
Reagent : 092424.33; 092424.37; 100824.R30; 042924.39
Consumables : 7576003046
Pipette : N/A

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

Analyte	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	1.1
ARSENIC	0.02	ppm	ND	PASS	0.2
CADMIUM	0.02	ppm	ND	PASS	0.2
MERCURY	0.02	ppm	ND	PASS	0.2
LEAD	0.02	ppm	ND	PASS	0.5



Heavy Metals

PASSED

Dilution : 10
Reagent : 092424.33; 092424.37; 082024.R18
Consumables : N/A
Pipette : N/A

Metal	LOD	Units	Result	Pass / Fail	Action Level
TOTAL CONTAMINANT LOAD METALS	0.08	ppm	ND	PASS	1.1
ARSENIC	0.02	ppm	ND	PASS	0.2
CADMIUM	0.02	ppm	ND	PASS	0.2
MERCURY	0.02	ppm	ND	PASS	0.2
LEAD	0.02	ppm	ND	PASS	0.5

Analyzed by: 1022, 585, 1440
Weight: 0.217g
Extraction date: 10/24/24 11:20:46
Extracted by: 4056

Analyzed by: 1022, 585, 1440
Weight: 0.217g
Extraction date: 10/24/24 11:20:46
Extracted by: 4056

Analysis Method : SOP.T.40.208 (Gainesville), SOP.T.40.209.FL
Analytical Batch : DA079348TYM
Instrument Used : Incubator (25°C) DA- 328 [calibrated with DA-382]
Analyzed Date : 10/27/24 10:49:58
Dilution : 10
Reagent : 092424.33; 092424.37; 082024.R18
Consumables : N/A
Pipette : N/A

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL
Analytical Batch : DA079380HEA
Instrument Used : DA-ICPMS-004
Analyzed Date : 10/25/24 09:50:15
Dilution : 50
Reagent : 101624.R01; 102124.R07; 101624.R36; 102124.R05; 102124.R06; 061724.01; 102324.R15
Consumables : 179436; 20240202; 210508058
Pipette : DA-061; DA-191; DA-216

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

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

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Lab Director

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Testing 97164

Signature
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PASSED

The Flowery

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Homestead, FL, 33090, US
Telephone: (321) 266-2467
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Page 6 of 6

	Filth/Foreign Material	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Filth and Foreign Material	0.100	%	ND	PASS	1

Analyzed by: 1879, 585, 1440	Weight: 1g	Extraction date: 10/24/24 12:06:40	Extracted by: 1879
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Analysis Method : SOP.T.40.090
Analytical Batch : DA079402FIL
Instrument Used : Filth/Foreign Material Microscope Batch Date : 10/24/24 11:56:06
Analyzed Date : 10/24/24 13:53:54

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.

	Water Activity	PASSED
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Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.010	aw	0.586	PASS	0.85

Analyzed by: 4512, 585, 1440	Weight: 0.3228g	Extraction date: 10/24/24 15:30:59	Extracted by: 4512
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Analysis Method : SOP.T.40.019
Analytical Batch : DA079396WAT
Instrument Used : DA-327 Rotronic HygroPalm HC2-AW (Probe) Batch Date : 10/24/24 10:44:24
Analyzed Date : 10/25/24 09:47:26

Dilution : N/A
Reagent : 051624.02
Consumables : PS-14
Pipette : N/A

Water Activity is performed using a Rotronic HygroPalm HP 23-AW 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.

Vivian Celestino
Lab Director

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Testing 97164



Signature
10/27/24