



# Certificate of Analysis

## COMPLIANCE FOR RETAIL



Sample: DA40524002-009  
Harvest/Lot ID: 20240429-710ZL5-F5H12  
Batch#: 1000218759  
Cultivation Facility: Homestead  
Processing Facility: Homestead  
Source Facility: Homestead  
Seed to Sale# LFG-00004160  
Batch Date: 05/22/24  
Sample Size Received: 28 gram  
Total Amount: 378 units  
Retail Product Size: 14 gram  
Retail Serving Size: 14 gram  
Servings: 1  
Ordered: 05/23/24  
Sampled: 05/24/24  
Completed: 05/27/24  
Sampling Method: SOP.T.20.010

May 27, 2024 | The Flowery

Samples From:  
Homestead, FL, 33090, US

THE FLOWERY

**PASSED**

Pages 1 of 5

### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**NOT TESTED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**PASSED**



Terpenes  
**TESTED**

### MISC.



### Cannabinoid

**PASSED**



Total THC  
**20.248%**  
Total THC/Container : 2834.72 mg



Total CBD  
**0.042%**  
Total CBD/Container : 5.88 mg



Total Cannabinoids  
**23.623%**  
Total Cannabinoids/Container : 3307.22 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.496	22.523	ND	0.049	0.023	0.079	0.426	ND	ND	ND	0.027
mg/unit	69.44	3153.22	ND	6.86	3.22	11.06	59.64	ND	ND	ND	3.78
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:  
3335, 1665, 585, 1440

Weight:  
0.1928g

Extraction date:  
05/24/24 12:44:02

Extracted by:  
1665,3335

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA073210POT  
Instrument Used : DA-LC-002  
Analyzed Date : 05/24/24 13:02:36

Reviewed On : 05/26/24 11:00:45  
Batch Date : 05/24/24 09:03:22

Dilution : 400  
Reagent : 052424.R01; 060723.24; 052324.R01  
Consumables : 947.109; 280670723; 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 PJA-  
Testing 97164



Signature  
05/27/24



# Certificate of Analysis

**PASSED**

**The Flowery**

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

Sample : DA40524002-009

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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	304.64	2.176	SABINENE HYDRATE	0.007	ND	ND
LIMONENE	0.007	120.26	0.859	VALENCENE	0.007	ND	ND
LINALOOL	0.007	50.82	0.363	ALPHA-CEDRENE	0.005	ND	ND
BETA-CARYOPHYLLENE	0.007	39.90	0.285	ALPHA-PHELLANDRENE	0.007	ND	ND
BETA-PINENE	0.007	19.74	0.141	ALPHA-TERPINENE	0.007	ND	ND
ALPHA-PINENE	0.007	16.94	0.121	ALPHA-TERPINOLENE	0.007	ND	ND
ALPHA-HUMULENE	0.007	13.02	0.093	CIS-NEROLIDOL	0.003	ND	ND
FENCHYL ALCOHOL	0.007	12.74	0.091	GAMMA-TERPINENE	0.007	ND	ND
ALPHA-TERPINEOL	0.007	12.46	0.089				
BETA-MYRCENE	0.007	7.28	0.052	Analyzed by:	Weight:	Extraction date:	Extracted by:
TRANS-NEROLIDOL	0.005	7.00	0.050	4451, 3605, 585, 1440	1.0191g	05/24/24 12:20:43	4451
ALPHA-BISABOLOL	0.007	4.48	0.032				
3-CARENE	0.007	ND	ND	Analysis Method :	SOP.T.30.061A.FL, SOP.T.40.061A.FL		
BORNEOL	0.013	ND	ND	Analytical Batch :	DA073224TER		
CAMPHENE	0.007	ND	ND	Instrument Used :	DA-GCMS-009		
CAMPHOR	0.007	ND	ND	Analyzed Date :	05/24/24 12:21:24		
CARYOPHYLLENE OXIDE	0.007	ND	ND	Dilution :	10		
CEDROL	0.007	ND	ND	Reagent :	022224.07		
EUCALYPTOL	0.007	ND	ND	Consumables :	947.109; 7931220; CE0123		
FARNESENE	0.007	ND	ND	Pipette :	DA-063		
FENCHONE	0.007	ND	ND	Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
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				
NEROL	0.007	ND	ND				
OCIMENE	0.007	ND	ND				
PULEGONE	0.007	ND	ND				
SABINENE	0.007	ND	ND				
<b>Total (%)</b>			<b>2.176</b>				

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**Vivian Celestino**  
Lab Director

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

Signature  
05/27/24



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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
ACEQUINO CYL	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
CHLORANTRILIPROLE	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	<b>Analyzed by:</b> 3379, 585, 1440 <b>Weight:</b> 0.8631g <b>Extraction date:</b> 05/24/24 15:45:47 <b>Extracted by:</b> 3379 <b>Analysis Method :</b> SOP.T.30.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.101.FL (Gainesville), SOP.T.40.102.FL (Davie) <b>Analytical Batch :</b> DA073243PES <b>Reviewed On :</b> 05/27/24 10:38:16 <b>Instrument Used :</b> DA-LCMS-003 (PES) <b>Batch Date :</b> 05/24/24 10:35:33 <b>Analyzed Date :</b> 05/24/24 15:52:56 <b>Dilution :</b> 250 <b>Reagent :</b> 051724.R14; 052224.R03; 052224.R04; 051724.R13; 042324.R01; 052224.R01; 040423.08 <b>Consumables :</b> 326250IW <b>Pipette :</b> DA-093; DA-094; DA-219					
ETOFENPROX	0.010	ppm	0.1	PASS	ND						
ETOXAZOLE	0.010	ppm	0.1	PASS	ND						
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

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

Signature  
05/27/24



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Sample Method : SOP.T.20.010

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	<b>Microbial</b>	<b>PASSED</b>		<b>Mycotoxins</b>	<b>PASSED</b>
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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	CFU/g	90	PASS	100000

Analyzed by: 3390, 4044, 585, 1440  
Weight: 0.8532g  
Extraction date: 05/24/24 12:05:34  
Extracted by: 3621

Analysis Method : SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL  
Analytical Batch : DA073221MIC  
Reviewed On : 05/26/24 11:04:19  
Batch Date : 05/24/24 09:33:21

Instrument Used : PathogenDx Scanner DA-111, Applied Biosystems Thermocycler DA-171, fisherbrand Isotemp Heat Block DA-020, fisherbrand Isotemp Heat Block DA-049, Fisher Scientific Isotemp Heat Block DA-021  
Analyzed Date : 05/24/24 16:05:34

Dilution : N/A  
Reagent : 042324.45; 050324.05; 051024.R14; 030724.35  
Consumables : 7572002001  
Pipette : N/A

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: 3379, 585, 1440  
Weight: 0.8631g  
Extraction date: 05/24/24 15:45:47  
Extracted by: 3379

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 : DA073245MYC  
Instrument Used : N/A  
Analyzed Date : 05/24/24 15:51:50  
Reviewed On : 05/27/24 10:37:09  
Batch Date : 05/24/24 10:37:46

Dilution : 250  
Reagent : 051724.R14; 052224.R03; 052224.R04; 051724.R13; 042324.R01; 052224.R01; 040423.08  
Consumables : 326250IW  
Pipette : DA-093; DA-094; DA-219

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	0.080	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, 4056, 585, 1440  
Weight: 0.2436g  
Extraction date: 05/24/24 11:34:30  
Extracted by: 1022,4056

Analysis Method : SOP.T.30.082.FL, SOP.T.40.082.FL  
Analytical Batch : DA073247HEA  
Instrument Used : DA-ICPMS-004  
Analyzed Date : 05/24/24 17:22:22  
Reviewed On : 05/26/24 10:35:01  
Batch Date : 05/24/24 10:47:49

Dilution : 50  
Reagent : 051824.R03; 052024.R08; 051724.R17; 052024.R06; 052024.R07; 030424.01; 051424.R13  
Consumables : 179436; 120123CH01; 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.

	<b>Heavy Metals</b>	<b>PASSED</b>
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Total yeast and mold testing is performed utilizing MPN and traditional culture based techniques in accordance with F.S. Rule 64ER20-39.



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Sample Method : SOP.T.20.010

Page 5 of 5



**Filth/Foreign Material** **PASSED**



**Moisture** **PASSED**

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

Analyzed by: 1879, 585, 1440	Weight: NA	Extraction date: N/A	Extracted by: N/A
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Analysis Method : SOP.T.40.090  
Analytical Batch : DA073257FIL  
Instrument Used : Filth/Foreign Material Microscope  
Analyzed Date : 05/24/24 21:13:07  
Reviewed On : 05/24/24 21:25:08  
Batch Date : 05/24/24 20:47:24

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**

Analyte	LOD	Units	Result	P/F	Action Level
Water Activity	0.010	aw	0.540	PASS	0.65

Analyzed by: 4512, 585, 1440	Weight: 1.1876g	Extraction date: 05/25/24 07:59:22	Extracted by: 4512
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Analysis Method : SOP.T.40.019  
Analytical Batch : DA073249WAT  
Instrument Used : DA-028 Rotronic HygroPalm  
Analyzed Date : 05/25/24 08:00:06  
Reviewed On : 05/25/24 13:29:48  
Batch Date : 05/24/24 10:52:21

Dilution : N/A  
Reagent : 022024.29  
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.

Analyte	LOD	Units	Result	P/F	Action Level
Moisture Content	1.00	%	13.54	PASS	15

Analyzed by: 4512, 585, 1440	Weight: 0.499g	Extraction date: 05/25/24 09:12:41	Extracted by: 4512
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Analysis Method : SOP.T.40.021  
Analytical Batch : DA073248MOI  
Reviewed On : 05/26/24 11:01:15

Instrument Used : DA-003 Moisture Analyzer, DA-046 Moisture Analyzer, DA-263 Moisture Analyser, DA-264 Moisture Analyser  
Analyzed Date : 05/25/24 09:17:19  
Batch Date : 05/24/24 10:51:15

Dilution : N/A  
Reagent : 092520.50; 020124.02  
Consumables : N/A  
Pipette : DA-066

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