



# Certificate of Analysis

## COMPLIANCE FOR RETAIL

Laboratory Sample ID: DA41023008-002



**Production Method:** Cured  
**Harvest/Lot ID:** 20240923-710RUK1-F4H14  
**Batch#:** 1000001000275583  
**Cultivation Facility:** Homestead  
**Processing Facility :** Homestead  
**Source Facility:** Homestead  
**Seed to Sale#:** LFG-00005272  
**Harvest Date:** 10/21/24  
**Sample Size Received:** 31.5 gram  
**Total Amount:** 180 units  
**Retail Product Size:** 3.5 gram  
**Retail Serving Size:** 1 gram  
**Servings:** 3.5  
**Ordered:** 10/23/24  
**Sampled:** 10/23/24  
**Completed:** 10/27/24  
**Revision Date:** 11/05/24  
**Sampling Method:** SOP.T.20.010

Nov 05, 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**  
**20.333%**  
 Total THC/Container : 711.655 mg



**Total CBD**  
**0.043%**  
 Total CBD/Container : 1.505 mg



**Total Cannabinoids**  
**23.650%**  
 Total Cannabinoids/Container : 827.750 mg

	D9-THC	THCA	CBD	CBDA	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	0.412	22.715	ND	0.050	ND	0.078	0.199	ND	ND	0.032	0.164
mg/unit	14.42	795.03	ND	1.75	ND	2.73	6.97	ND	ND	1.12	5.74
LOD	0.001	0.001		0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001
	%	%	%	%	%	%	%	%	%	%	%

Analized by:  
 4351, 1665, 585, 1440

Weight:  
 0.2063g

Extraction date:  
 10/24/24 13:34:42

Extracted by:  
 3335,4351

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

Analytical Batch : DA079363POT

Instrument Used : DA-LC-001

Analized Date : 10/25/24 10:51:22

Batch Date : 10/24/24 08:50:57

Dilution : 400

Reagent : 101424.R04; 071624.04; 101424.R05

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 P/LA-  
 Testing 97164



Signature  
 10/27/24

Revision: #1 - Updated Total Amount



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**PASSED**

**The Flowery**

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

Sample : DA41023008-002  
Harvest/Lot ID: 20240923-710RUK1-F4H14  
Batch# : 1000001000275583 Sample Size Received : 31.5 gram  
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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	81.31	2.323	SABINENE HYDRATE	0.007	ND	ND
BETA-CARYOPHYLLENE	0.007	21.11	0.603	VALENCENE	0.007	ND	ND
LIMONENE	0.007	18.24	0.521	ALPHA-CEDRENE	0.005	ND	ND
LINALOOL	0.007	11.73	0.335	ALPHA-PHELLANDRENE	0.007	ND	ND
BETA-MYRCENE	0.007	7.04	0.201	ALPHA-TERPINENE	0.007	ND	ND
ALPHA-HUMULENE	0.007	6.69	0.191	ALPHA-TERPINOLENE	0.007	ND	ND
ALPHA-BISABOLOL	0.007	6.02	0.172	CIS-NEROLIDOL	0.003	ND	ND
BETA-PINENE	0.007	3.05	0.087	GAMMA-TERPINENE	0.007	ND	ND
FENCHYL ALCOHOL	0.007	2.14	0.061	Analyzed by: 3605, 585, 1440 Weight: 1.0343g Extraction date: 10/24/24 13:13:01 Extracted by: 3605 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA079354TER Instrument Used : DA-GCMS-009 Analyzed Date : 10/25/24 10:51:25 Batch Date : 10/24/24 08:39:27 Dilution : 10 Reagent : 081924.03 Consumables : 947.109; 240321-634-A; 280670723; CE0123 Pipette : DA-065			
ALPHA-TERPINEOL	0.007	2.03	0.058	Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
ALPHA-PINENE	0.007	1.89	0.054				
TRANS-NEROLIDOL	0.005	1.40	0.040				
3-CARENE	0.007	ND	ND				
BORNEOL	0.013	ND	ND				
CAMPHENE	0.007	ND	ND				
CAMPHOR	0.007	ND	ND				
CARYOPHYLLENE OXIDE	0.007	ND	ND				
CEDROL	0.007	ND	ND				
EUCALYPTOL	0.007	ND	ND				
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				
NEROL	0.007	ND	ND				
OCIMENE	0.007	ND	ND				
PULEGONE	0.007	ND	ND				
SABINENE	0.007	ND	ND				
<b>Total (%)</b>			<b>2.323</b>				

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

Signature  
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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> 3621, 585, 1440 <b>Weight:</b> 0.8725g <b>Extraction date:</b> 10/24/24 12:59:17 <b>Extracted by:</b> 450,585 <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> DA079368PES <b>Instrument Used :</b> DA-LCMS-005 (PES) <b>Batch Date :</b> 10/24/24 09:01:27 <b>Analyzed Date :</b> 10/25/24 10:38:32 <b>Dilution :</b> 250 <b>Reagent :</b> 101824.R03; 102224.R03; 102124.R01; 102224.R28; 102124.R08; 102224.R01; 081023.01 <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	<b>Analyzed by:</b> 450, 585, 1440 <b>Weight:</b> 0.8725g <b>Extraction date:</b> 10/24/24 12:59:17 <b>Extracted by:</b> 450,585 <b>Analysis Method :</b> SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL <b>Analytical Batch :</b> DA079370VOL <b>Instrument Used :</b> DA-GCMS-011 <b>Batch Date :</b> 10/24/24 09:07:50 <b>Analyzed Date :</b> 10/25/24 10:09:23 <b>Dilution :</b> 250 <b>Reagent :</b> 102124.R01; 081023.01; 101024.R05; 101024.R08 <b>Consumables :</b> 326250IW; 20240202; 14725401 <b>Pipette :</b> DA-080; DA-146; DA-218					
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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ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164



Signature  
10/27/24

Revision: #1 - Updated Total Amount



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Email: brian@theflowery.co

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Harvest/Lot ID: 20240923-710RUK1-F4H14  
Batch# : 1000001000275583 Sample Size Received : 31.5 gram  
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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	Analyte	LOD	Units	Result	Pass / Fail	Action Level
ASPERGILLUS TERREUS			Not Present	PASS		AFLATOXIN B2	0.00	ppm	ND	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		AFLATOXIN B1	0.00	ppm	ND	PASS	0.02
ASPERGILLUS FUMIGATUS			Not Present	PASS		OCHRATOXIN A	0.00	ppm	ND	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS		AFLATOXIN G1	0.00	ppm	ND	PASS	0.02
SALMONELLA SPECIFIC GENE			Not Present	PASS		AFLATOXIN G2	0.00	ppm	ND	PASS	0.02
ECOLI SHIGELLA			Not Present	PASS		<b>Analyzed by:</b> 3621, 585, 1440 <b>Weight:</b> 0.8725g <b>Extraction date:</b> 10/24/24 12:59:17 <b>Extracted by:</b> 450,585					
TOTAL YEAST AND MOLD	10.00	CFU/g	<10	PASS	100000	<b>Analysis Method :</b> SOP.T.30.101.FL (Gainesville), SOP.T.40.101.FL (Gainesville), SOP.T.30.102.FL (Davie), SOP.T.40.102.FL (Davie) <b>Analytical Batch :</b> DA079369MYC <b>Instrument Used :</b> N/A <b>Batch Date :</b> 10/24/24 09:07:49 <b>Analyzed Date :</b> 10/25/24 10:37:08					


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

**Analyzed by:** 3621, 4044, 585, 1440     **Weight:** 1.104g     **Extraction date:** 10/24/24 10:32:33     **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 11:00:32

**Dilution :** 250  
**Reagent :** 101824.R03; 102224.R03; 102124.R01; 102224.R28; 102124.R08; 102224.R01; 081023.01  
**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.

	<b>Heavy Metals</b>	<b>PASSED</b>
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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:** 0.2099g     **Extraction date:** 10/24/24 11:43:26     **Extracted by:** 4056

**Analysis Method :** SOP.T.30.082.FL, SOP.T.40.082.FL  
**Analytical Batch :** DA079378HEA  
**Instrument Used :** DA-ICPMS-004     **Batch Date :** 10/24/24 10:00:16  
**Analyzed Date :** 10/25/24 10:36:25

**Dilution :** 50  
**Reagent :** 101424.R01; 102124.R07; 101624.R36; 102124.R05; 102124.R06; 061724.01; 102324.R15  
**Consumables :** 179436; 20240202; 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**



**Moisture** **PASSED**

Analyte	LOD	Units	Result	P/F	Action Level	Analyte	LOD	Units	Result	P/F	Action Level
<b>Filth and Foreign Material</b>	0.100	%	ND	PASS	1	<b>Moisture Content</b>	1.00	%	13.20	PASS	15
<b>Analyzed by:</b> 1879, 585, 1440 <b>Weight:</b> 1g <b>Extraction date:</b> 10/24/24 12:06:39 <b>Extracted by:</b> 1879 <b>Analysis Method :</b> SOP.T.40.090 <b>Analytical Batch :</b> DA079402FIL <b>Instrument Used :</b> Filth/Foreign Material Microscope <b>Batch Date :</b> 10/24/24 11:56:06 <b>Analyzed Date :</b> 10/24/24 13:54:04 <b>Dilution :</b> N/A <b>Reagent :</b> N/A <b>Consumables :</b> N/A <b>Pipette :</b> N/A						<b>Analyzed by:</b> 4512, 585, 1440 <b>Weight:</b> 0.501g <b>Extraction date:</b> 10/24/24 16:57:33 <b>Extracted by:</b> 4512 <b>Analysis Method :</b> SOP.T.40.021 <b>Analytical Batch :</b> DA079385MOI <b>Instrument Used :</b> DA-003 Moisture Analyzer,DA-046 Moisture Analyzer,DA-263 Moisture Analyser,DA-264 Moisture Analyser,DA-385 10:14:59 <b>Batch Date :</b> 10/24/24 <b>Moisture Analyzer</b> <b>Analyzed Date :</b> 10/25/24 09:58:26 <b>Dilution :</b> N/A <b>Reagent :</b> 092520.50; 020124.02 <b>Consumables :</b> N/A <b>Pipette :</b> DA-066					

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

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



**Water Activity** **PASSED**

Analyte	LOD	Units	Result	P/F	Action Level
<b>Water Activity</b>	0.010	aw	0.552	PASS	0.65
<b>Analyzed by:</b> 4512, 585, 1440 <b>Weight:</b> 0.674g <b>Extraction date:</b> 10/24/24 15:50:53 <b>Extracted by:</b> 4512 <b>Analysis Method :</b> SOP.T.40.019 <b>Analytical Batch :</b> DA079390WAT <b>Instrument Used :</b> DA-327 Rotronic HygroPalm HC2-AW (Probe) <b>Batch Date :</b> 10/24/24 10:34:43 <b>Analyzed Date :</b> 10/25/24 10:06:56 <b>Dilution :</b> N/A <b>Reagent :</b> 051624.02 <b>Consumables :</b> PS-14 <b>Pipette :</b> 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  
State License # CMTL-0002  
ISO 17025 Accreditation # ISO/IEC  
17025:2017 Accreditation P/LA-  
Testing 97164

Signature  
10/27/24

Revision: #1 - Updated Total Amount