



# Certificate of Analysis

## COMPLIANCE FOR RETAIL



**Sample: DA40716005-010**  
**Harvest/Lot ID: 20240702-710X174-H**  
**Batch#: 1000239308**  
**Cultivation Facility: Homestead**  
**Processing Facility: Homestead**  
**Source Facility: Homestead**  
**Seed to Sale# LFG-0004572**  
**Batch Date: 07/12/24**  
**Sample Size Received: 15.5 gram**  
**Total Amount: 335 units**  
**Retail Product Size: 0.5 gram**  
**Retail Serving Size: 0.5 gram**  
**Servings: 1**  
**Ordered: 07/15/24**  
**Sampled: 07/16/24**  
**Completed: 07/18/24**  
**Sampling Method: SOP.T.20.010**

Jul 18, 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**  
**79.106%**  
Total THC/Container : 395.530 mg



**Total CBD**  
**0.199%**  
Total CBD/Container : 0.995 mg



**Total Cannabinoids**  
**84.300%**  
Total Cannabinoids/Container : 421.500 mg

	D9-THC	THCA	CBD	CBDa	D8-THC	CBG	CBGA	CBN	THCV	CBDV	CBC
%	73.353	6.560	0.199	ND	0.221	1.978	0.980	ND	0.392	ND	0.617
mg/unit	366.77	32.80	1.00	ND	1.11	9.89	4.90	ND	1.96	ND	3.09
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:  
1665, 585, 1440

Weight:  
0.085g

Extraction date:  
07/16/24 13:42:47

Extracted by:  
1665

Analysis Method : SOP.T.40.031, SOP.T.30.031  
Analytical Batch : DA075315POT  
Instrument Used : DA-LC-007  
Analyzed Date : 07/16/24 13:43:29

Reviewed On : 07/17/24 10:05:02  
Batch Date : 07/16/24 11:55:09

Dilution : 400  
Reagent : 071024.R01; 060723.24; 070524.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 P/LA-  
Testing 97164

Signature  
07/18/24



# Certificate of Analysis

**PASSED**

The Flowery

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

Sample : DA40716005-010  
Harvest/Lot ID: 20240702-710X174-H

Batch# : 1000239308  
Sampled : 07/16/24  
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Terpenes				TESTED			
Terpenes	LOD (%)	mg/unit %	Result (%)	Terpenes	LOD (%)	mg/unit %	Result (%)
TOTAL TERPENES	0.007	32.95	6.589	SABINENE	0.007	ND	ND
LIMONENE	0.007	10.06	2.012	SABINENE HYDRATE	0.007	ND	ND
LINALOOL	0.007	4.63	0.925	VALENCENE	0.007	ND	ND
BETA-MYRCENE	0.007	4.40	0.879	ALPHA-CEDRENE	0.005	ND	ND
BETA-CARYOPHYLLENE	0.007	3.74	0.748	ALPHA-PHELLANDRENE	0.007	ND	ND
GUAIOL	0.007	2.84	0.568	ALPHA-TERPINENE	0.007	ND	ND
ALPHA-HUMULENE	0.007	1.38	0.276	CIS-NEROLIDOL	0.003	ND	ND
ALPHA-PINENE	0.007	1.16	0.231	GAMMA-TERPINENE	0.007	ND	ND
FENCHYL ALCOHOL	0.007	0.92	0.183	Analyzed by: 4451, 585, 1440      Weight: 0.2257g      Extraction date: 07/16/24 13:43:56      Extracted by: 4451 Analysis Method : SOP.T.30.061A.FL, SOP.T.40.061A.FL Analytical Batch : DA075329TER      Reviewed On : 07/17/24 14:47:29 Instrument Used : DA-GCMS-008      Batch Date : 07/16/24 12:38:27 Analyzed Date : 07/16/24 13:44:19 Dilution : 10 Reagent : 022224.07 Consumables : 947.109; 230613-634-D; 280670723; CE0123 Pipette : DA-065 Terpenoid testing is performed utilizing Gas Chromatography Mass Spectrometry. For all Flower samples, the Total Terpenes % is dry-weight corrected.			
ALPHA-TERPINEOL	0.007	0.91	0.182				
ALPHA-BISABOLOL	0.007	0.82	0.163				
BETA-PINENE	0.007	0.76	0.151				
BORNEOL	0.013	0.37	0.074				
TRANS-NEROLIDOL	0.005	0.36	0.071				
CAMPHENE	0.007	0.29	0.057				
ALPHA-TERPINOLENE	0.007	0.18	0.035				
GERANIOL	0.007	0.17	0.034				
3-CARENE	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				
GERANYL ACETATE	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				
<b>Total (%)</b>			<b>6.589</b>				

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**Vivian Celestino**  
Lab Director

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

Signature  
07/18/24



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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
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
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> 0.2456g <b>Extraction date:</b> 07/16/24 15:09:17 <b>Extracted by:</b> 3621					
DICHLORVOS	0.010	ppm	0.1	PASS	ND	<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)					
DIMETHOATE	0.010	ppm	0.1	PASS	ND	<b>Analytical Batch :</b> DA075317PES <b>Instrument Used :</b> DA-LCMS-004 (PES) <b>Reviewed On :</b> 07/18/24 13:54:35					
ETHOPROPHOS	0.010	ppm	0.1	PASS	ND	<b>Analyzed Date :</b> N/A <b>Batch Date :</b> 07/16/24 12:10:43					
ETOFENPROX	0.010	ppm	0.1	PASS	ND	<b>Dilution :</b> 250					
ETOXAZOLE	0.010	ppm	0.1	PASS	ND	<b>Reagent :</b> 071224.R22; 071024.R08; 070924.R04; 071024.R37; 062524.R04; 071024.R06; 040423.08					
FENHEXAMID	0.010	ppm	0.1	PASS	ND	<b>Consumables :</b> 326250IW					
FENOXYCARB	0.010	ppm	0.1	PASS	ND	<b>Pipette :</b> DA-093; DA-094; DA-219					
FENPYROXIMATE	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.					
FIPRONIL	0.010	ppm	0.1	PASS	ND	<b>Analyzed by:</b> 450, 585, 1440 <b>Weight:</b> 0.2456g <b>Extraction date:</b> 07/16/24 15:09:17 <b>Extracted by:</b> 3621					
FLONICAMID	0.010	ppm	0.1	PASS	ND	<b>Analysis Method :</b> SOP.T.30.151.FL (Gainesville), SOP.T.30.151A.FL (Davie), SOP.T.40.151.FL					
FLUDIOXONIL	0.010	ppm	0.1	PASS	ND	<b>Analytical Batch :</b> DA075319VOL <b>Instrument Used :</b> DA-GCMS-010 <b>Reviewed On :</b> 07/18/24 13:53:25					
HEXYTHIAZOX	0.010	ppm	0.1	PASS	ND	<b>Analyzed Date :</b> 07/16/24 19:20:45 <b>Batch Date :</b> 07/16/24 12:12:35					
IMAZALIL	0.010	ppm	0.1	PASS	ND	<b>Dilution :</b> 250					
IMIDACLOPRID	0.010	ppm	0.4	PASS	ND	<b>Reagent :</b> 070924.R04; 040423.08; 071024.R46; 071024.R47					
KRESOXIM-METHYL	0.010	ppm	0.1	PASS	ND	<b>Consumables :</b> 326250IW; 14725401					
MALATHION	0.010	ppm	0.2	PASS	ND	<b>Pipette :</b> DA-080; DA-146; DA-218					
METALAXYL	0.010	ppm	0.1	PASS	ND	Testing for agricultural agents is performed utilizing Gas Chromatography Triple-Quadrupole Mass Spectrometry in accordance with F.S. Rule 64ER20-39.					
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  
07/18/24



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**Ordered : 07/16/24**
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**Completed : 07/18/24 Expires: 07/18/25**
**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

<b>Analyzed by:</b> 850, 585, 1440	<b>Weight:</b> 0.021g	<b>Extraction date:</b> 07/18/24 12:20:17	<b>Extracted by:</b> 850
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<b>Analysis Method :</b> SOP.T.40.041.FL <b>Analytical Batch :</b> DA07537450L <b>Instrument Used :</b> DA-GCMS-003 <b>Analysis Date :</b> 07/18/24 12:24:59	<b>Reviewed On :</b> 07/18/24 16:34:50 <b>Batch Date :</b> 07/17/24 15:22:03
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**Dilution :** 1  
**Reagent :** 030420.09  
**Consumables :** 429651; 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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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	<10	PASS	100000

**Analyzed by:** 4044, 4520, 585, 1440      **Weight:** 0.812g      **Extraction date:** 07/16/24 14:09:56      **Extracted by:** 4531  
**Analysis Method :** SOP.T.40.056C, SOP.T.40.058.FL, SOP.T.40.209.FL  
**Analytical Batch :** DA075320MIC      **Reviewed On :** 07/18/24 12:11:08  
**Instrument Used :** PathogenDx Scanner DA-111, Applied Biosystems 2720 Thermocycler DA-171, Fisher Scientific Isotemp Heat Block (55°C) 12:13:02 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 :** 07/17/24 14:43:06  
**Dilution :** 10  
**Reagent :** 061324.37; 061324.48; 070324.R36; 030724.33; 083123.106  
**Consumables :** 7573003039  
**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:** 0.2456g      **Extraction date:** 07/16/24 15:09:17      **Extracted by:** 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 :** DA075318MYC      **Reviewed On :** 07/18/24 10:06:19  
**Instrument Used :** N/A      **Batch Date :** 07/16/24 12:12:34  
**Analyzed Date :** N/A  
**Dilution :** 250  
**Reagent :** 071224.R22; 071024.R08; 070924.R04; 071024.R37; 062524.R04; 071024.R06; 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:** 0.2599g      **Extraction date:** 07/16/24 13:49:45      **Extracted by:** 1022,4056  
**Analysis Method :** SOP.T.30.082.FL, SOP.T.40.082.FL  
**Analytical Batch :** DA075328HEA      **Reviewed On :** 07/17/24 12:41:32  
**Instrument Used :** DA-ICPMS-004      **Batch Date :** 07/16/24 12:34:53  
**Analyzed Date :** 07/16/24 18:03:04  
**Dilution :** 50  
**Reagent :** 071524.R04; 071624.R10; 071524.R02; 071524.R03; 061724.01; 070524.R05; 070924.R14  
**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.

	<b>Heavy Metals</b>	<b>PASSED</b>
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**Filth/Foreign Material** PASSED

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

Analyzed by:	Weight:	Extraction date:	Extracted by:
1879, 585, 1440	NA	N/A	N/A

Analysis Method : SOP.T.40.090  
Analytical Batch : DA075373FIL  
Instrument Used : Filth/Foreign Material Microscope  
Analyzed Date : 07/17/24 11:38:09  
Reviewed On : 07/17/24 11:51:16  
Batch Date : 07/17/24 11:30:50

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	0.537	PASS	0.85

Analyzed by:	Weight:	Extraction date:	Extracted by:
4571, 585, 1440	0.5429g	07/17/24 11:28:06	4571

Analysis Method : SOP.T.40.019  
Analytical Batch : DA075314WAT  
Instrument Used : DA-028 Rotronic HygroPalm  
Analyzed Date : 07/17/24 10:49:42  
Reviewed On : 07/17/24 11:30:16  
Batch Date : 07/16/24 11:48:53

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.

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 PJLA-  
Testing 97164

Signature  
07/18/24