

Lab State Certification/License: CMTL-00010



**Fluent** 

Client Lic#: MMTC-2015-0003 5251 E. Diana St Tampa, FL 33610 (352) 318-3183 Tampa Compliance samples



T311413

Seed to Sale: 4263 1535 7496 8161 Retail Batch#: 4048 6798 4911 7729 Retail Batch Total Wt/Vol: 4406.5q Retail Batch Total Units 1259 Retail Batch Date: 11/08/2023 Cultivation Facility: Tampa Cultivation Processing Facility: Tampa Processing Cultivar: Pure Michigan Sampling SOP 1260

Compliance for Retail:

Pure Michigan WF 3.5g (1/8 oz)

Sample ID: T311413-01 Matrix: Flower Inhalable Total Sample Received: 31.5g Total Units Received: 9 Unit Weight: 3.5g

11/24/2023 Date Sampled: Date Received: 11/24/2023 11/28/2023 Date Reported:

## Safety Summary

Foreign **Materials PASS** 

**Heavy Metals PASS** 

**PASS** 

Homogeneity **NOT TESTED** 

**Label Claim** 

**NOT TESTED** 

**Microbials PASS** 

Moisture Content **PASS** 

Mycotoxins

**PASS** 

**Pesticides PASS** 

Residual Solvents **NOT TESTED**  TCL

**Terpenes PASS** 

**TESTED** 

Water **Activity PASS** 





at dry weight 13.5% 12.1% 472.50 mg/Unit 423.50 mg/Unit



**Potency Summary** 

as received 0.0267% 0.0239% 0.83 mg/Unit 0.93 mg/Unit



15.6% 546.00 mg/Unit

14.0% 490.00 mg/Unit

**Terpenes Summary** 

Date Prepared: 11/27/2023 08:45 Date Analyzed: 11/27/2023 21:09 Prep ID: 4599 zed ID: 2447 Lab Batch: 2348002

Specimen Wt: 0.51 g Prep/Analysis Method: SOP1360 Cannabinoids (dry weight)

Date Prepared: 11/28/2023 11:29 Date Analyzed: 11/28/2023 13:06 Prep ID: 4599 Analyst ID: 5047-0754 Lab Batch: 2348001

Specimen Wt: 0.506 g Instrument: HPLC VWD Prep/Analysis Method: SOP 1357

LOD Results Dilution Results Dilution Analyte LOD Result **Analyte** 0.247 0.00551 E-Caryophyllene 0.0110 ND ND Cannabichromene (CBC) Farnesene 0.0276 0.188 Cannabidiol (CBD) 0.0110 ND ND alpha-Humulene 0.00551 0.142 Cannabidiolic acid (CBDA) 0.0110 0.0304 0.304 beta-Myrcene 0.00551 0.104 Cannabidivarin (CBDV) 0.0110 ND ND 0.00551 0.0585 D-Limonene Cannabigerol (CBG) 0.0218 0.218 0.0110 alpha Bisabolol, L 0.00551 0.0376 Cannabigerolic acid (CBGA) 0.0110 0.201 2 01 0.00551 0.0166 beta-Pinene Cannabinol (CBN) 0.0110 NΠ ND alpha-Fenchyl alcohol, (+)-0.00551 0.0165 d8 - Tetrahydrocannabinoid (d8-THC) 0.0110 ND ND E-Nerolidol 0.00551 0.0162 d9 - Tetrahydrocannabinoid (d9-THC) 0.0110 0.690 6.90 alpha-Terpineol 0.00551 0.0132 d9 - Tetrahydrocannabinolic acid (THCA) 0.0110 14.6 146 Linalool 0.00551 0.0112 Tetrahydrocannabivarin (THCV) ND 0.0110 Caryophyllene Oxide 0.00551 0.0107 Total THC 13.5 135 alpha-Pinene 0.00551 0.00923 Total CBD 0.0267 0.267 beta-Ocimene 0.00551 0.00766 Total Cannabinoids 156 156 0.00551 3-Carene (+)-ND Total THC= THCa \* 0.877 + d9-THC. Total CBD= CBDa \* 0.877 + CBD. **Total Terpenes** 0.878

Terpene results are provided for informational purposes only

LOD = Limit of Detection; ND = Not Detected

mg/Unit = Unit Weight g \* Total THC/CBD mg/g LOD = Limit of Detection; ND = Not Detected. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory

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Bush from

Brian C. Spann Laboratory Director





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Compliance for Retail:

**PASS** 

Pure Michigan WF 3.5g (1/8 oz)

Sample ID: T311413-01 Matrix: Flower Inhalable

**Pesticides** 

Total Sample Received: 31.5g Total Units Received: 9 Unit Weight: 3.5g

Date Sampled: 11/24/2023 Date Received: 11/24/2023 Date Reported: 11/28/2023

**Pass** 

Prep Mehtod: SOP 1363	Batch	Instrument		Analyzed		nalyst Prepped	Prepped	i By Spe	ecimen Wt. (g	ı) Ana	llysis SOP
Pesticide LCQQQ  * Pesticides GCQQQ	2348004 2348003	LCMSMS GCMSMS		11/27/2023 4: 11/27/2023 2:		670 11/27/2023 8:47:00AM 754-2670 11/27/2023 8:51:00AM	4599 4599		1.01		SOP1350 SOP1356
Analyte	DIL		LOD	Results		Analyte	DIL	Action Limi	LOD	Results	Status
		ppb	ppb	ppb				ppb	ppb	ppb	
Abamectin		1 100	10	ND	Pass	Malathion	1	200	20	ND	Pass
Acephate		1 100	10	ND	Pass	Metalaxyl	1	100	10	ND	Pass
Acequinocyl		1 100	10	ND	Pass	Methiocarb	1	100	10	ND	Pass
Acetamiprid		1 100	10	ND	Pass	Methomyl	1	100	10	ND	Pass
Aldicarb		1 100	10	ND	Pass	Mevinphos	1	100	10	ND	Pass
Azoxystrobin		1 100	10	ND	Pass	Myclobutanil	1	100	10	ND	Pass
Bifenazate		1 100	10	ND	Pass	Naled	1	250	25	ND	Pass
Bifenthrin		1 100	10	ND	Pass	Oxamyl	1	500	50	ND	Pass
Boscalid		1 100	10	ND	Pass	Paclobutrazol	1	100	10	ND	Pass
Carbaryl		1 500	50	ND	Pass	Permethrin	1	100	10	ND	Pass
Carbofuran		1 100	10	ND	Pass	Phosmet	1	100	10	ND	Pass
Chlorantraniliprole		1 1000	100	ND	Pass	Piperonyl butoxide	1	3000	300	ND	Pass
Chlormequat Chloride		1 1000	100	ND	Pass	Prallethrin	1	100	10	ND	Pass
Chlorpyrifos		1 100	10	ND	Pass	Propiconazole	1	100	10	ND	Pass
Clofentezine		1 200	20	ND	Pass	Propoxur	1	100	10	ND	Pass
Coumaphos		1 100	10	ND	Pass	Pyrethrins	1	500	50	ND	Pass
Cyfluthrin		1 500	50	ND	Pass	Pyridaben	1	200	20	ND	Pass
Cypermethrin		1 500	50	ND	Pass	Spinetoram, total	1	200	20	ND	Pass
Daminozide		1 100	10	ND	Pass	Spinosad, total	1	100	10	ND	Pass
Diazinon		1 100	10	ND	Pass	Spiromesifen	1	100	10	ND	Pass
Dichlorvos		1 100	10	ND	Pass	Spirotetramat	1	100	10	ND	Pass
Dimethoate		1 100	10	ND	Pass	Spiroxamine	1	100	10	ND	Pass
Dimethomorph		1 200	20	ND	Pass	Tebuconazole	1	100	10	ND	Pass
Ethoprophos		1 100	10	ND	Pass	Thiacloprid	1	100	10	ND	Pass
Etofenprox		1 100	10	ND	Pass	Thiamethoxam	1	500	50	ND	Pass
Etoxazole		1 100	10	ND	Pass	Trifloxystrobin	1	100	10	ND	Pass
Fenhexamid		1 100	10	ND	Pass	Captan*	1	700	70	ND	Pass
Fenoxycarb		1 100	10	ND	Pass	Chlordane*	1	100	10	ND	Pass
Fenpyroximate		1 100	10	ND	Pass	Chlorfenapyr*	1	100	10	ND	Pass
Fipronil		1 100	10	ND	Pass	Methyl parathion*	1	100	10	ND	Pass
Flonicamid		1 100	10	ND	Pass	Pentachloronitrobenzene*	1	150	15	ND	Pass
Fludioxonil		1 100	10	ND	Pass			.50	.0		
Hexythiazox		1 100	10	ND	Pass						
Imazalil		1 100	10	ND	Pass						
Imidacloprid		1 400	40	ND	Pass						
Kresoxim-methyl		1 100	10	ND	Pass						
Ta ocoamii-moury		. 100	.0	110	1 455	1					

LOD = Limit of Detection: ND = Not Detected.

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Bushani

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- GCMSMS Pesticides



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**PASS** Compliance for Retail:

Pure Michigan WF 3.5g (1/8 oz)

Sample ID: T311413-01 Matrix: Flower Inhalable Total Sample Received: 31.5g Total Units Received: 9 Unit Weight: 3.5g

Date Sampled: Date Received: Date Reported:

11/24/2023 11/24/2023 11/28/2023

**Pass** 

Mycotoxins Date Prepared: 11/27/2023 08:47 Date Analyzed: 11/27/2023 16:58 Specimen Wt: 1.01 g Instrument: LCMSMS Prepped By: 4599 Analyzed By: 2670

Analyte	DIL	Action Limit	LOD	Results	Status		
<u> </u>		ppb	ppb	ppb			
Aflatoxin B1	1	20.0	2	ND	Pass		
Aflatoxin B2	1	20.0	2	ND	Pass		
Aflatoxin G1	1	20.0	2	ND	Pass		
Aflatoxin G2	1	20.0	2	ND	Pass		
Ochratoxin A	1	20.0	2	ND	Pass		
LOD = Limit of Detection; ND = Not Detected.							

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#### **Microbials**

Lab Batch: 2347092

**Pass** 

Date Prepared: 11/24/2023 16:00 Date Analyzed: 11/25/2023 21:53

Prep ID: 1093 Analyst ID: 6814

Specimen Wt: 1.00 g Instrument: qPCR

Analysis Method: SOP1353/1364 /1352

Analyte	Action Limit	LOD	Results Status		
	cfu/g	cfu/g	cfu/g		
Aspergillus Flavus	1	1	Absent in 1 gram	Pass	
Aspergillus Fumigatus	1	1	Absent in 1 gram	Pass	
Aspergillus Niger	1	1	Absent in 1 gram	Pass	
Aspergillus Terreus	1	1	Absent in 1 gram	Pass	
Salmonella	1	1	Absent in 1 gram	Pass	
Shiga Toxin producing E. Coli	1	1	Absent in 1 gram	Pass	
Total Yeast and Mold*	100000	10000	<lod< td=""><td>Pass</td></lod<>	Pass	

LOD = Limit of Detection; ND = Not Detected; <LOD=below LOD

Laboratory.
\* Analyzed by Plating

Foreign Materials

**Pass** 

**Pass** 

**Pass** 

Date Prepared: 11/24/2023 15:19 Date Analyzed: 11/24/2023 15:27 Analyst ID: 3780 Lab Batch: 2347089

Analysis Method: SOP1359

Action Limit (% by wt) Status Foreign Material 1.00 ND Pass

ND = Not Detected.

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### **Total Contaminant Load**

	Action Limit ppb	Results	Status
Total Contaminant Load	5,000.00	ND	Pass
Heavy Metals & Pesticides			

**Heavy Metals Pass** 

Date Prepared: 11/27/2023 17:40 Date Analyzed: 11/28/2023 15:00 Analyzed By: 1094 Instrument: ICPMS Lab Batch: 2348017

Analyte	DIL	Action Limit	LOD	Results	Status
		ppb	ppb	ppb	
Arsenic	1	200	20	ND	Pass
Cadmium	1	200	20	ND	Pass
Lead	1	500	50	ND	Pass
Mercury	1	200	20	ND	Pass

LOD = Limit of Detection; ND = Not Detected

ise stated all quality control samples performed within specifications established by the Laboratory

Water Activity

Lab Batch: 2347089

Date Prepared: 11/24/2023 15:19 Date Analyzed: 11/24/2023 15:19

Prep ID: 3780 Analyst ID: 3780

Specimen Wt: 0.50 g

Analysis Method: SOP1355

Analyte Action Limit Result Status aW aW Water Activity **Pass** 0.65

ND = Not Detected

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**Moisture Content** 

Prep ID: 1150

Date Prepared: 11/24/2023 16:37 Date Analyzed: 11/24/2023 16:37 Specimen Wt: 1.00 g Analyst ID: 3780 Instrument: Moisture Oven Analysis Method: SOP 1355 Lab Batch: 2347088

Action Limit Analyte Result **Status** Percent Moisture 15.0 10 4 **Pass** 

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Bush from

Brian C. Spann Laboratory Director



3 of 5

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Compliance for Retail:

**PASS** 

Pure Michigan WF 3.5g (1/8 oz)

Sample ID: T311413-01 Matrix: Flower Inhalable Total Sample Received: 31.5g Total Units Received: 9 Unit Weight: 3.5g

Date Sampled: Date Received: Date Reported:

11/24/2023 11/24/2023 11/28/2023

### **Terpenes Summary**

Date Analyzed: 11/27/2023 21:09 Analy Lab Batch: 2348002	yzed ID: 2447		nent: GCMS nalysis Method: SOP1360
Analyte	Dilution	LOD	Results
		%	%
E-Caryophyllene -	1	0.00551	0.247
Farnesene	1	0.0276	0.188
alpha-Humulene	1	0.00551	0.142
beta-Myrcene	1	0.00551	0.104
D-Limonene	1	0.00551	0.0585
alpha Bisabolol, L	1	0.00551	0.0376
beta-Pinene	1	0.00551	0.0166
alpha-Fenchyl alcohol, (+)-	1	0.00551	0.0165
E-Nerolidol	1	0.00551	0.0162
alpha-Terpineol	1	0.00551	0.0132
_inalool	1	0.00551	0.0112
Caryophyllene Oxide	1	0.00551	0.0107
alpha-Pinene	1	0.00551	0.00923
beta-Ocimene	1	0.00551	0.00766
3-Carene (+)-	1	0.00551	ND
alpha-Cedrene	1	0.00551	ND
alpha-Phellandrene	1	0.00551	ND
alpha-Terpinene	1	0.00551	ND
Borneol	1	0.00551	ND
Camphene	1	0.00551	ND
Camphor	1	0.00551	ND
Cedrol	1	0.00551	ND
Eucalyptol	1	0.00551	ND
Fenchone	1	0.00551	ND
gamma-Terpinene	1	0.00551	ND
Geraniol	1	0.00551	ND
Geranyl Acetate	1	0.00551	ND
Guaiol	1	0.00551	ND
soborneol	1	0.00551	ND
Isopulegol	1	0.00551	ND
Menthol	1	0.00551	ND
Nerol	1	0.00551	ND
p-Cymene	1	0.00551	ND
Pulegone	1	0.00551	ND
Sabinene	1	0.00551	ND
Sabinene hydrate	1	0.00551	ND
Terpinolene	1	0.00551	ND
Valencene	1	0.00551	ND
Z-Nerolidol	1	0.00551	ND
Total Terpenes			0.878

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T311413

#### Fluent

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Seed to Sale: 4263 1535 7496 8161
Retail Batch#: 4048 6798 4911 7729
Retail Batch Total Wt/Voi: 4406.5g
Retail Batch Total Units 1259
Retail Batch Date: 11/08/2023
Cultivation Facility: Tampa Cultivation
Processing Facility: Tampa Processing
Cultivar: Pure Michigan
Sampling SOP 1260

Compliance for Retail: PASS

Pure Michigan WF 3.5g (1/8 oz)

Sample ID: T311413-01 Matrix: Flower Inhalable Total Sample Received: 31.5g Total Units Received: 9 Unit Weight: 3.5g Date Sampled: 11/24/2023 Date Received: 11/24/2023 Date Reported: 11/28/2023

#### Cannabinoids (as received)

Date Prepared: 11/28/2023 11:29
Date Analyzed: 11/28/2023 13:06

Analyst ID: 5047-0754

Specimen Wt: 0.506 g
Instrument: HPLC VWD
Pren/Analysis Method: SOP 1357

Lab Batch: 2348001	Prep/Analysis Method: SOP 1357				
Analyte	Dilution	LOD		Results	Result
	(	%	%	%	mg/g
Cannabichromene (CBC)	1	0.0110		ND	ND
Cannabidiol (CBD)	1	0.0110		ND	ND
Cannabidiolic acid (CBDA)	1	0.0110		0.0272	0.272
Cannabidivarin (CBDV)	1	0.0110		ND	ND
Cannabigerol (CBG)	1	0.0110		0.0195	0.195
Cannabigerolic acid (CBGA)	1	0.0110		0.180	1.80
Cannabinol (CBN)	1	0.0110		ND	ND
d8 - Tetrahydrocannabinoid (d8-THC)	1	0.0110		ND	ND
d9 - Tetrahydrocannabinoid (d9-THC)	1	0.0110		0.618	6.18
d9 - Tetrahydrocannabinolic acid (THCA)	1	0.0110		13.1	131
Tetrahydrocannabivarin (THCV)	1	0.0110		ND	ND
Total THC				12.1	121
Total CBD				0.0239	0.239
Total Cannabinoids				14.0	140
·	•				

Total THC= THCa \* 0.877 + d9-THC. Total CBD= CBDa \* 0.877 + CBD.

mg/Unit = Unit Weight g \* Total THC/CBD mg/g LOD = Limit of Detection; ND = Not Detected.

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