



# Certificate of Analysis

Lab State Certification/License: CMTL-00010



T312421

## Fluent

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

# FLUENT

CANNABIS CARE

Seed to Sale : 6682 8846 0786 7420  
Retail Batch#: 7983 7692 0801 4106  
Retail Batch Total Wt/Vol: 9401g  
Retail Batch Total Units 2686  
Retail Batch Date: 11/30/2023  
Cultivation Facility: Tampa Cultivation  
Processing Facility: Tampa Processing  
Cultivar: Pure Michigan  
Sampling SOP 1260

Compliance for Retail: **PASS**

## Pure Michigan WF 3.5g (1/8oz)

Sample ID: T312421-01  
Matrix: Flower Inhalable

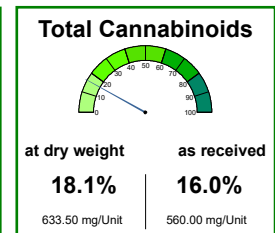
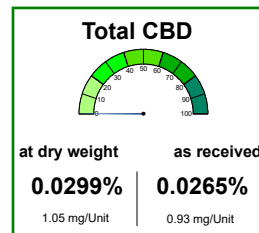
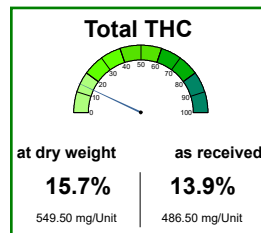
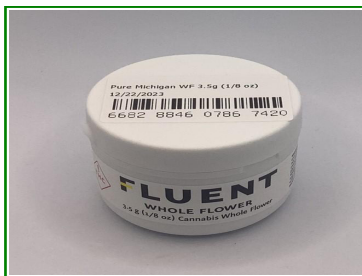
Total Sample Received: 38.5g  
Total Units Received: 11  
Unit Weight: 3.5g

Date Sampled: 12/22/2023  
Date Received: 12/22/2023  
Date Reported: 12/27/2023

## Safety Summary

Foreign Materials <b>PASS</b>	Heavy Metals <b>PASS</b>	Homogeneity <b>NOT TESTED</b>	Label Claim <b>NOT TESTED</b>	Microbials <b>PASS</b>	Moisture Content <b>PASS</b>
Mycotoxins <b>PASS</b>	Pesticides <b>PASS</b>	Residual Solvents <b>NOT TESTED</b>	TCL <b>PASS</b>	Terpenes <b>TESTED</b>	Water Activity <b>PASS</b>

## Potency Summary



## Terpenes Summary

Date Prepared: 12/22/2023 10:57  
Date Analyzed: 12/23/2023 11:08  
Lab Batch: 2351136  
Prep ID: 4599  
Analyst ID: 2447  
Specimen Wt: 0.50 g  
Instrument: GCMS  
Prep/Analysis Method: SOP1360

Analyte	Dilution	LOD	Results
E-Caryophyllene	1	0.00561	0.330
Farnesene	1	0.0280	0.277
beta-Myrcene	1	0.00561	0.216
alpha-Humulene	1	0.00561	0.190
D-Limonene	1	0.00561	0.158
alpha-Bisabolol, L	1	0.00561	0.0464
beta-Pinene	1	0.00561	0.0264
alpha-Fenchyl alcohol, (+)-	1	0.00561	0.0211
alpha-Terpineol	1	0.00561	0.0209
E-Nerolidol	1	0.00561	0.0180
beta-Ocimene	1	0.00561	0.0177
alpha-Pinene	1	0.00561	0.0157
Linalool	1	0.00561	0.0147
Caryophyllene Oxide	1	0.00561	0.0105
Borneol	1	0.00561	0.00687
<b>Total Terpenes</b>			<b>1.369 47.92 mg/Unit</b>

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## Cannabinoids (dry weight)

Date Prepared: 12/26/2023 08:26  
Date Analyzed: 12/26/2023 10:32  
Lab Batch: 2351134  
Prep ID: 4599  
Analyst ID: 754  
Specimen Wt: 0.504 g  
Instrument: HPLC VWD  
Prep/Analysis Method: SOP 1357

Analyte	Dilution	LOD	Results	Result
Cannabichromene (CBC)	1	0.0112	%	ND
Cannabidiol (CBD)	1	0.0112	%	ND
Cannabidiolic acid (CBDA)	1	0.0112	%	0.0341
Cannabidivarin (CBDV)	1	0.0112	%	ND
Cannabigerol (CBG)	1	0.0112	%	0.0409
Cannabigerolic acid (CBGA)	1	0.0112	%	0.208
Cannabinol (CBN)	1	0.0112	%	ND
d8 - Tetrahydrocannabinol (d8-THC)	1	0.0112	%	ND
d9 - Tetrahydrocannabinol (d9-THC)	1	0.0112	%	0.447
d9 - Tetrahydrocannabinolic acid (THCA)	1	0.0112	%	17.4
Tetrahydrocannabivarin (THCV)	1	0.0112	%	ND
<b>Total THC</b>				<b>15.7</b>
<b>Total CBD</b>				<b>0.0299</b>
<b>Total Cannabinoids</b>				<b>18.1</b>

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

mg/Unit = Unit Weight g \* Total THC/CBD mg/g

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Brian C. Spann  
Laboratory Director



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Compliance for Retail: **PASS**

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Sample ID: T312421-01  
Matrix: Flower Inhalable

Total Sample Received: 38.5g  
Total Units Received: 11  
Unit Weight: 3.5g

Date Sampled: 12/22/2023  
Date Received: 12/22/2023  
Date Reported: 12/27/2023

## Pesticides

**Pass**

Prep Method: SOP 1363	Batch	Instrument	Analyzed	Analyst	Prepped	Prepped By	Specimen Wt. (g)	Analysis SOP
Pesticide LCQQQ	2351137	LCMSMS	12/22/2023 7:00:21PM	2670	12/22/2023 11:02:00AM	4599	1.01	SOP1350
* Pesticides GCQQQ	2351138	GCMSMS	12/22/2023 9:29:49PM	0754-2670	12/22/2023 11:02:00AM	4599	1.01	SOP1356

Analyte	DIL	Action Limit	LOD	Results	Status	Analyte	DIL	Action Limit	LOD	Results	Status
Abamectin	1	100	10	ND	Pass	Malathion	1	200	20	ND	Pass
Acephate	1	100	10	ND	Pass	Metaxyl	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
Chloromequat 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						
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						

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\* - GCMSMS Pesticides

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2 of 5

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Cultivar: Pure Michigan  
Sampling SOP 1260

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Matrix: Flower Inhalable

Total Sample Received: 38.5g  
Total Units Received: 11  
Unit Weight: 3.5g

Date Sampled: 12/22/2023  
Date Received: 12/22/2023  
Date Reported: 12/27/2023

## Mycotoxins

Date Prepared: 12/22/2023 11:02 Prepped By: 4599 Specimen Wt: 1.01 g  
Date Analyzed: 12/22/2023 19:00 Analyzed By: 2670 Instrument: LCMSMS  
Lab Batch: 2351137 Prep Method: SOP 1363 Analysis Method: SOP 1350

**Pass**

Analyte	DIL	Action Limit	LOD	Results	Status
		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

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## Microbials

Date Prepared: 12/22/2023 13:11 Prep ID: 1093 Specimen Wt: 1.00 g  
Date Analyzed: 12/23/2023 21:31 Analyst ID: 6814 Instrument: qPCR  
Lab Batch: 2351143 Analysis Method: SOP1353/1364 /1352

**Pass**

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	Pass

LOD = Limit of Detection; ND = Not Detected; <LOD=below LOD  
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\* Analyzed by Plating

## Foreign Materials

Date Prepared: 12/22/2023 11:31 Prep ID: 1150 Instrument: Visual Inspection  
Date Analyzed: 12/22/2023 12:35 Analyst ID: 3780  
Lab Batch: 2351135 Analysis Method: SOP1359

**Pass**

Analyte	Action Limit (% by wt)	Results	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

Date Prepared: 12/22/2023 17:35 Prepped By: 6814 Specimen Wt: 0.54 g  
Date Analyzed: 12/22/2023 19:43 Analyzed By: 1094 Instrument: ICPMS  
Lab Batch: 2351145 Prep Method: SOP 1362 Analysis Method: SOP1358

**Pass**

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

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## Water Activity

Date Prepared: 12/22/2023 12:25 Prep ID: 1150 Specimen Wt: 0.51 g  
Date Analyzed: 12/22/2023 12:25 Analyst ID: 3780 Instrument: Water Activity Meter  
Lab Batch: 2351135 Analysis Method: SOP1355

**Pass**

Analyte	Action Limit	Result	Status
	aW	aW	
Water Activity	0.65	0.56	Pass

ND = Not Detected.  
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## Moisture Content

Date Prepared: 12/22/2023 19:37 Prep ID: 6555 Specimen Wt: 0.82 g  
Date Analyzed: 12/22/2023 19:37 Analyst ID: 6555 Instrument: Moisture Oven  
Lab Batch: 2351139 Analysis Method: SOP 1355

**Pass**

Analyte	Action Limit	Result	Status
	%	%	
Percent Moisture	15.0	11.5	Pass

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3 of 5

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Unit Weight: 3.5g

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## Terpenes Summary

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Date Analyzed: 12/23/2023 11:08  
Lab Batch: 2351136  
Prep ID: 4599  
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Specimen Wt: 0.50 g  
Instrument: GCMS  
Prep/Analysis Method: SOP1360

Analyte	Dilution	LOD	Results
		%	%
E-Caryophyllene	1	0.00561	0.330
Farnesene	1	0.0280	0.277
beta-Myrcene	1	0.00561	0.216
alpha-Humulene	1	0.00561	0.190
D-Limonene	1	0.00561	0.158
alpha Bisabolol, L	1	0.00561	0.0464
beta-Pinene	1	0.00561	0.0264
alpha-Fenchyl alcohol, (+)-	1	0.00561	0.0211
alpha-Terpineol	1	0.00561	0.0209
E-Nerolidol	1	0.00561	0.0180
beta-Ocimene	1	0.00561	0.0177
alpha-Pinene	1	0.00561	0.0157
Linalool	1	0.00561	0.0147
Caryophyllene Oxide	1	0.00561	0.0105
Borneol	1	0.00561	0.00687
3-Carene (+)-	1	0.00561	ND
alpha-Cedrene	1	0.00561	ND
alpha-Phellandrene	1	0.00561	ND
alpha-Terpinene	1	0.00561	ND
Camphene	1	0.00561	ND
Camphor	1	0.00561	ND
Cedrol	1	0.00561	ND
Eucalyptol	1	0.00561	ND
Fenchone	1	0.00561	ND
gamma-Terpinene	1	0.00561	ND
Geraniol	1	0.00561	ND
Geranyl Acetate	1	0.00561	ND
Guaiol	1	0.00561	ND
Isoborneol	1	0.00561	ND
Isopulegol	1	0.00561	ND
Menthol	1	0.00561	ND
Nerol	1	0.00561	ND
p-Cymene	1	0.00561	ND
Pulegone	1	0.00561	ND
Sabinene	1	0.00561	ND
Sabinene hydrate	1	0.00561	ND
Terpinolene	1	0.00561	ND
Valencene	1	0.00561	ND
Z-Nerolidol	1	0.00561	ND
Total Terpenes			1.369 47.92 mg/Unit

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### Cannabinoids (as received)

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Date Analyzed: 12/26/2023 10:32 Analyst ID: 754 Instrument: HPLC VWD  
Lab Batch: 2351134 Prep/Analysis Method: SOP 1357

Analyte	Dilution	LOD	Results	Result
		%	%	mg/g
Cannabichromene (CBC)	1	0.0112	ND	ND
Cannabidiol (CBD)	1	0.0112	ND	ND
Cannabidiolic acid (CBDA)	1	0.0112	0.0302	0.302
Cannabidivarin (CBDV)	1	0.0112	ND	ND
Cannabigerol (CBG)	1	0.0112	0.0362	0.362
Cannabigerolic acid (CBGA)	1	0.0112	0.184	1.84
Cannabinol (CBN)	1	0.0112	ND	ND
d8 - Tetrahydrocannabinoid (d8-THC)	1	0.0112	ND	ND
d9 - Tetrahydrocannabinoid (d9-THC)	1	0.0112	0.396	3.96
d9 - Tetrahydrocannabinolic acid (THCA)	1	0.0112	15.4	154
Tetrahydrocannabinavarin (THCV)	1	0.0112	ND	ND
Total THC			13.9	139
Total CBD			0.0265	0.265
Total Cannabinoids			16.0	160

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

mg/Unit = Unit Weight g \* Total THC/CBD mg/g

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