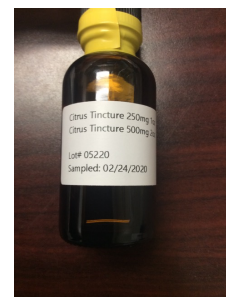


# Certificate of Analysis

## Sample Information

CTLA ID: 15080  
Date Received: 2/21/2020  
Sample Name: Citrus Tincture 500 mg 2 oz  
Lot Number: 05220  
Customer: MM Inc.



Analysis	Method	MDL Specification	Result	Units
<b>Cannabinoid Concentration</b>				
Total Cannabidiol (CBD)	HPLC	2.708 Report	507.848	mg/60 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	ND	%
CBD	HPLC	2.708 Report	507.848	mg/60 ml
CBDA	HPLC	2.708 Report	ND	mg/60 ml
Δ9-THC	HPLC	2.708 Report	ND	mg/60 ml
THCA	HPLC	2.708 Report	ND	mg/60 ml
Δ8-THC	HPLC	2.708 Report	ND	mg/60 ml
THCV	HPLC	2.708 Report	ND	mg/60 ml
CBDV	HPLC	2.708 Report	ND	mg/60 ml
CBDVA	HPLC	2.708 Report	ND	mg/60 ml
CBGA	HPLC	2.708 Report	ND	mg/60 ml
CBG	HPLC	2.708 Report	9.416	mg/60 ml
CBN	HPLC	2.708 Report	3.716	mg/60 ml
CBC	HPLC	2.708 Report	6.334	mg/60 ml
CBL	HPLC	2.708 Report	ND	mg/60 ml

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

60 ml = 28.16 g

Density = 0.939 g/ml

Total Cannabinoids = 527.316 mg/60 ml

2/28/2020

DATE

  
Quality Manager

Specifications provided by the Customer. Results with an asterisk (\*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.

CTLA ID: 15495  
 Date Received: 3/10/2020  
 Sample Name: Citrus Tincture 500 mg 2 oz  
 Lot Number: 05220  
 Customer: MM Inc.

Analysis	Method	MDL	Specification	Result	Units
<b>Rapid Complete Micro</b>					
Total Plate Count	USP <2021>	100	Report	<100	cfu/g
Total Coliforms	BAM CH.4	10	Report	<10	cfu/g
<i>Escherichia coli</i>	USP <2022>		Report	Negative	
<i>Salmonella</i>	USP <2022>		Report	Negative	
<i>Staphylococcus aureus</i>	USP <2022>		Report	Negative	
Rapid Yeast and Mold	AOAC 997.02	10	Report	<10	cfu/g
<b>Heavy Metals</b>					
Arsenic	USP <2232>	0.039	Report	0.051	ppm
Cadmium	USP <2232>	0.039	Report	<0.039	ppm
Lead	USP <2232>	0.039	Report	0.111	ppm
Mercury	USP <2232>	0.039	Report	<0.039	ppm
<b>Pesticides</b>					
Abamectin	USP <561>	.01	Report	ND	ppm
Acequinocyl	USP <561>	.01	Report	ND	ppm
Bifenazate	USP <561>	.01	Report	ND	ppm
Bifenthrin	USP <561>	.01	Report	ND	ppm
Cyfluthrin	USP <561>	.01	Report	ND	ppm
Cypermethrin	USP <561>	.01	Report	ND	ppm
Daminozide	USP <561>	.01	Report	ND	ppm
Dimethomorph	USP <561>	.01	Report	ND	ppm
Etoxazole	USP <561>	.01	Report	ND	ppm

3/16/2020  
DATE



Quality Manager

Specifications provided by the Customer. Results with an asterisk (\*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.

CTLA ID: 15495  
Date Received: 3/10/2020  
Sample Name: Citrus Tincture 500 mg 2 oz  
Lot Number: 05220  
Customer: MM Inc.

Analysis	Method	MDL Specification	Result	Units
Fenhexamid	USP <561>	.01 Report	ND	ppm
Flonicamid	USP <561>	.01 Report	ND	ppm
Fludioxonil	USP <561>	.01 Report	ND	ppm
Imidacloprid	USP <561>	.01 Report	ND	ppm
Myclobutanil	USP <561>	.01 Report	ND	ppm
Paclobutrazol	USP <561>	.01 Report	ND	ppm
Piperonyl Butoxide	USP <561>	.01 Report	ND	ppm
Pyrethrins	USP <561>	.01 Report	ND	ppm
Quintozene	USP <561>	.01 Report	ND	ppm
Spinetoram	USP <561>	.01 Report	ND	ppm
Spinosad	USP <561>	.01 Report	ND	ppm
Spirotetramat	USP <561>	.01 Report	ND	ppm
Thiamethoxam	USP <561>	.01 Report	ND	ppm
Trifloxystrobin	USP <561>	.01 Report	ND	ppm
Plant Growth Regulators	USP <561>	.01 Report	ND	ppm
<b>Residual Solvents</b>				
Butanes	USP <467>	98 Report	ND	ppm
Heptanes	USP <467>	98 Report	ND	ppm
Propanes	USP <467>	98 Report	ND	ppm

3/16/2020  
DATE

  
Quality Manager

Specifications provided by the Customer. Results with an asterisk (\*) denote Specifications should be reviewed by the Customer. This Certificate of Analysis represents data for the sample submitted and does not constitute a guarantee of quality for the entire product from which it was taken. These results are provided for the benefit of the Customer. MDL = Method Detection Limit.