

# Certificate of Analysis

## Sample Information



CTLA ID: 22123  
 Date Received: 10/9/2020  
 Sample Name: 5000 mg 8 oz  
 Lot Number: 27920  
 Customer: MM Inc.

Analysis	Method	MDL Specification	Result	Units
<b>Complete Micro</b>				
Total Plate Count	USP <2021>	100 Report	<100	cfu/g
Total Coliforms	BAM CH.4	10 Report	<10	cfu/g
<i>E. coli</i>	USP <2022>	Report	Negative	
<i>Salmonella</i>	USP <2022>	Report	Negative	
<i>Staphylococcus aureus</i>	USP <2022>	Report	Negative	
Yeast & Mold	USP <2021>	100 Report	<100	cfu/g
<b>Heavy Metals</b>				
Arsenic	USP <2232>	.001 Report	0.025	ppm
Cadmium	USP <2232>	.001 Report	0.047	ppm
Mercury	USP <2232>	.001 Report	0.004	ppm
Lead	USP <2232>	.001 Report	0.044	ppm
<b>Cannabinoid Concentration</b>				
Total Cannabidiol (CBD)	HPLC	0.436 Report	22.244	mg/ml
Total Tetrahydrocannabinol (THC)	HPLC	0.003 Report	ND	%
CBD	HPLC	0.436 Report	22.244	mg/ml
CBDA	HPLC	0.436 Report	ND	mg/ml
Δ9-THC	HPLC	0.436 Report	ND	mg/ml
THCA	HPLC	0.436 Report	ND	mg/ml
Δ8-THC	HPLC	0.436 Report	ND	mg/ml
THCV	HPLC	0.436 Report	ND	mg/ml
CBDV	HPLC	0.436 Report	ND	mg/ml
CBDVA	HPLC	0.436 Report	ND	mg/ml
CBGA	HPLC	0.436 Report	ND	mg/ml
CBG	HPLC	0.436 Report	ND	mg/ml
CBN	HPLC	0.436 Report	ND	mg/ml

10/20/2020  
 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.

CBC	HPLC	0.436	Report	ND	mg/ml
CBL	HPLC	0.436	Report	ND	mg/ml
<b>Pesticides (24)</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
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, Group</b>					
Butanes	USP <467>	56	Report	ND	ppm
Heptanes	USP <467>	56	Report	ND	ppm
Propanes	USP <467>	56	Report	ND	ppm

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)  
Total THC = Δ9-THC + (THCA\*0.877)

Density: 0.956 g/ml

Total Cannabinoids = 22.244 mg/ml

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