

CTLA ID: 24892
Date Received: 12/22/2020
Sample Name: Calm 2000 mg
Lot Number: 34620
Customer: MM Inc.



Analysis	Method	MDL	Specification	Result	Units
Complete Micro					
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	<10	cfu/g
Heavy Metals					
Arsenic	USP <2232>	.001	Report	0.085	ppm
Cadmium	USP <2232>	.001	Report	0.050	ppm
Mercury	USP <2232>	.001	Report	0.003	ppm
Lead	USP <2232>	.001	Report	0.019	ppm
Cannabinoid Concentration (16)					
Total Cannabidiol (CBD)	HPLC	1.068	Report	31.617	mg/ml
Total Tetrahydrocannabinol (THC)	HPLC	0.112	Report	ND	%
CBD	HPLC	1.068	Report	31.617	mg/ml
CBDA	HPLC	1.068	Report	ND	mg/ml
Δ9-THC	HPLC	1.068	Report	ND	mg/ml
THCA	HPLC	1.068	Report	ND	mg/ml
Δ8-THC	HPLC	1.068	Report	ND	mg/ml
THCV	HPLC	1.068	Report	ND	mg/ml
CBDV	HPLC	1.068	Report	ND	mg/ml

1/4/2021

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.

Certificate of Analysis

Sample Information

CTLA ID: 24892
 Date Received: 12/22/2020
 Sample Name: CBD/CBN 2000 mg
 Lot Number: 34620
 Customer: MM Inc.



Analysis	Method	MDL Specification	Result	Units
CBDVA	HPLC	1.068 Report	ND	mg/ml
CBGA	HPLC	1.068 Report	ND	mg/ml
CBG	HPLC	1.068 Report	ND	mg/ml
CBN	HPLC	1.068 Report	4.273	mg/ml
CBC	HPLC	1.068 Report	ND	mg/ml
CBL	HPLC	1.068 Report	ND	mg/ml
Residual Solvents, Group				
Butanes	USP <467>	53 Report	ND	ppm
Heptanes	USP <467>	53 Report	ND	ppm
Propanes	USP <467>	53 Report	ND	ppm
Pesticides (24)				
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

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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

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC + (THCA*0.877)

Density = 0.95 g/ml

Total Cannabinoids = 35.890 mg/mL

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