

Certificate of Analysis

Sample Information

CTLA ID: 12957
Date Received: 12/3/2019
Sample Name: Premium 15 g Applicator 1500 mg
Lot Number: 33719
Customer: MM Inc.



Analysis	Method	MDL Specification	Result	Units
Rapid Complete Micro				
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
Heavy Metals				
Arsenic	USP <2232>	0.045 Report	0.591	ppm
Cadmium	USP <2232>	0.045 Report	<0.045	ppm
Lead	USP <2232>	0.045 Report	0.046	ppm
Mercury	USP <2232>	0.045 Report	<0.045	ppm
Cannabinoid Concentration				
Total Cannabidiol (CBD)	HPLC	0.719 Report	1,676.894	mg/15 g
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	0.155	%
CBD	HPLC	0.719 Report	1,222.050	mg/15 g
CBDA	HPLC	0.719 Report	518.637	mg/15 g
Δ9-THC	HPLC	0.719 Report	23.285	mg/15 g
THCA	HPLC	0.719 Report	ND	mg/15 g
Δ8-THC	HPLC	0.719 Report	ND	mg/15 g
THCV	HPLC	0.719 Report	ND	mg/15 g
CBDV	HPLC	0.719 Report	ND	mg/15 g
CBDVA	HPLC	0.719 Report	9.333	mg/15 g
CBGA	HPLC	0.719 Report	ND	mg/15 g

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Quality Manager

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CBG	HPLC	0.719 Report	9.071	mg/15 g
CBN	HPLC	0.719 Report	2.626	mg/15 g
CBC	HPLC	0.719 Report	ND	mg/15 g
CBL	HPLC	0.719 Report	ND	mg/15 g
Pesticides				
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

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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
Residual Solvents				
Butanes	USP <467>	67 Report	ND	ppm
Heptanes	USP <467>	67 Report	ND	ppm
Propanes	USP <467>	67 Report	ND	ppm

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC + Δ8-THC

Total Cannabinoids = 1,867.270 mg/15 g

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