



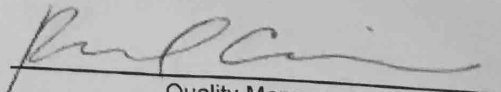
Contract TESTING Laboratories  
OF AMERICA

# Certificate of Analysis

## Sample Information

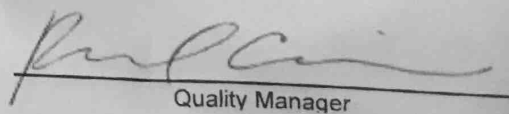
CTLA ID: 10502  
Date Received: 9/4/2019  
Sample Name: Bulk Salve  
Lot Number: 528029-B  
Customer: MM Inc.

Analysis	Method	MDL	Specification	Result	Units
<b>Rapid Complete Micro</b>					
Total Plate Count	USP <2021>	100	Report	200	cfu/g
Total Coliforms	BAM CH.4	10	Report	<10	cfu/g
Escherichia coli	USP <2022>		Report	Negative	
Salmonella	USP <2022>		Report	Negative	
Staphylococcus aureus	USP <2022>		Report	Negative	
Rapid Yeast and Mold	AOAC 997.02	10	Report	<10	cfu/g
<b>Heavy Metals</b>					
Arsenic	USP <2232>	0.048	Report	<0.048	ppm
Cadmium	USP <2232>	0.048	Report	<0.048	ppm
Lead	USP <2232>	0.048	Report	0.052	ppm
Mercury	USP <2232>	.001	Report	0.068	ppm
<b>Cannabinoid Concentration</b>					
Total Cannabidiol (CBD)	HPLC	0.056	Report	1.424	mg/g
Total Tetrahydrocannabinol (THC)	HPLC	0.006	Report	ND	%
CBD	HPLC	0.056	Report	1.024	mg/g
CBDA	HPLC	0.056	Report	0.456	mg/g
Δ9-THC	HPLC	0.056	Report	ND	mg/g
THCA	HPLC	0.056	Report	ND	mg/g
Δ8-THC	HPLC	0.056	Report	ND	mg/g
THCV	HPLC	0.056	Report	ND	mg/g
CBDV	HPLC	0.056	Report	ND	mg/g
CBDVA	HPLC	0.056	Report	ND	mg/g
CBGA	HPLC	0.056	Report	ND	mg/g

  
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.

CBG	HPLC	0.056 Report	ND	mg/g
CBN	HPLC	0.056 Report	ND	mg/g
CBC	HPLC	0.056 Report	ND	mg/g
CBL	HPLC	0.056 Report	ND	mg/g
<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
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>	78 Report	ND	ppm
Heptanes	USP <467>	78 Report	ND	ppm
Propanes	USP <467>	78 Report	ND	ppm

  
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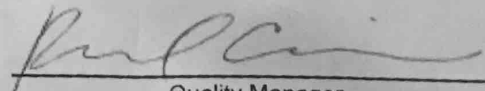
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ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC =  $\Delta$ 9-THC +  $\Delta$ 8-THC

Total Cannabinoids = 1.480 mg/g or 0.148%

  
Quality Manager

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