

# Certificate of Analysis

## Sample Information

CTLA ID: 14780  
Date Received: 2/10/2020  
Sample Name: Vape 200 mg Mango Flavor  
Lot Number: 04120  
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>Escherichia 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	0.007	ppm
Cadmium	USP <2232>	.001 Report	<0.001	ppm
Lead	USP <2232>	.001 Report	<0.001	ppm
Mercury	USP <2232>	.001 Report	<0.001	ppm
<b>Cannabinoid Concentration</b>				
Total Cannabidiol (CBD)	HPLC	0.056 Report	173.801	mg/vape
Total Tetrahydrocannabinol (THC)	HPLC	0.006 Report	ND	%
CBD	HPLC	0.056 Report	173.801	mg/vape
CBDA	HPLC	0.056 Report	ND	mg/vape
Δ9-THC	HPLC	0.056 Report	ND	mg/vape
THCA	HPLC	0.056 Report	ND	mg/vape
Δ8-THC	HPLC	0.056 Report	ND	mg/vape
THCV	HPLC	0.056 Report	ND	mg/vape
CBDV	HPLC	0.056 Report	0.514	mg/vape
CBDVA	HPLC	0.056 Report	ND	mg/vape
CBGA	HPLC	0.056 Report	ND	mg/vape

2/19/2020  
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.

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CBG	HPLC	0.056 Report	ND	mg/vape
CBN	HPLC	0.056 Report	ND	mg/vape
CBC	HPLC	0.056 Report	ND	mg/vape
CBL	HPLC	0.056 Report	ND	mg/vape
<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

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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
<b>Residual Solvents</b>				
Butanes	USP <467>	53 Report	ND	ppm
Heptanes	USP <467>	53 Report	ND	ppm
Propanes	USP <467>	53 Report	ND	ppm

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

1 vape = 0.953 g

Total Cannabinoids = 174.315 mg/vape

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