

# Certificate of Analysis

## Sample Information

CTLA ID: 13200  
Date Received: 12/10/2019  
Sample Name: Dixie Natural Tincture 250 mg 1 oz  
Lot Number: 34419  
Customer: MM Inc.



Analysis	Method	MDL Specification	Result	Units
<b>Rapid 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	
Rapid Yeast and Mold	AOAC 997.02	10 Report	<10	cfu/g
<b>Heavy Metals</b>				
Arsenic	USP <2232>	0.047 Report	<0.047	ppm
Cadmium	USP <2232>	0.047 Report	<0.047	ppm
Lead	USP <2232>	0.047 Report	<0.047	ppm
Mercury	USP <2232>	0.047 Report	<0.047	ppm
<b>Cannabinoid Concentration</b>				
Total Cannabidiol (CBD)	HPLC	1.415 Report	218.494	mg/oz
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	ND	%
CBD	HPLC	1.415 Report	218.494	mg/oz
CBDA	HPLC	1.415 Report	ND	mg/oz
Δ9-THC	HPLC	1.415 Report	ND	mg/oz
THCA	HPLC	1.415 Report	ND	mg/oz
Δ8-THC	HPLC	1.415 Report	ND	mg/oz
THCV	HPLC	1.415 Report	ND	mg/oz
CBDV	HPLC	1.415 Report	ND	mg/oz
CBDVA	HPLC	1.415 Report	ND	mg/oz
CBGA	HPLC	1.415 Report	ND	mg/oz

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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	1.415 Report	ND	mg/oz
CBN	HPLC	1.415 Report	ND	mg/oz
CBC	HPLC	1.415 Report	2.343	mg/oz
CBL	HPLC	1.415 Report	ND	mg/oz
<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
Pacllobutrazol	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>	52 Report	ND	ppm
Heptanes	USP <467>	52 Report	ND	ppm
Propanes	USP <467>	52 Report	ND	ppm

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

1 oz = 28.413 g

Density = 0.947 g/ml

Total Cannabinoids = 220.837 mg/oz

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