

CTLA ID: 16143  
Date Received: 4/2/2020  
Sample Name: 30 ml Tincture 1500 mg Cherry Vanilla  
Lot Number: 1-142220  
Customer: Alterna Therapies



Analysis	Method	MDL	Specification	Result	Units
<b>Complete Micro</b>					
Total Plate Count	USP <2021>	100	Report	1,000	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	<0.001	ppm
Cadmium	USP <2232>	.001	Report	<0.001	ppm
Lead	USP <2232>	.001	Report	0.015	ppm
Mercury	USP <2232>	.001	Report	<0.001	ppm
<b>Cannabinoid Concentration</b>					
Total Cannabidiol (CBD)	HPLC	1.269	Report	1,680.371	mg/30 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.004	Report	0.005	%
CBD	HPLC	1.269	Report	1,680.371	mg/30 ml
CBDA	HPLC	1.269	Report	ND	mg/30 ml
Δ9-THC	HPLC	1.269	Report	1.497	mg/30 ml
THCA	HPLC	1.269	Report	ND	mg/30 ml
Δ8-THC	HPLC	1.269	Report	ND	mg/30 ml
THCV	HPLC	1.269	Report	ND	mg/30 ml
CBDV	HPLC	1.269	Report	3.156	mg/30 ml

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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.

# Certificate of Analysis

## Sample Information

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CBDVA	HPLC	1.269	Report	ND	mg/30 ml
CBGA	HPLC	1.269	Report	ND	mg/30 ml
CBG	HPLC	1.269	Report	ND	mg/30 ml
CBN	HPLC	1.269	Report	ND	mg/30 ml
CBC	HPLC	1.269	Report	ND	mg/30 ml
CBL	HPLC	1.269	Report	ND	mg/30 ml
<b>Pesticides (24)</b>					
Abamectin	USP <561>	0.001	Report	ND	ppm
Acequinocyl	USP <561>	0.001	Report	ND	ppm
Bifenazate	USP <561>	0.001	Report	ND	ppm
Bifenthrin	USP <561>	0.001	Report	ND	ppm
Cyfluthrin	USP <561>	0.001	Report	ND	ppm
Cypermethrin	USP <561>	0.001	Report	ND	ppm
Daminozide	USP <561>	0.001	Report	ND	ppm
Dimethomorph	USP <561>	0.001	Report	ND	ppm
Etoxazole	USP <561>	0.001	Report	ND	ppm
Fenhexamid	USP <561>	0.001	Report	ND	ppm
Flonicamid	USP <561>	0.001	Report	ND	ppm
Fludioxonil	USP <561>	0.001	Report	ND	ppm
Imidacloprid	USP <561>	0.001	Report	ND	ppm
Myclobutanil	USP <561>	0.001	Report	ND	ppm
Paclobutrazol	USP <561>	0.001	Report	ND	ppm

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Piperonyl Butoxide	USP <561>	0.001	Report	ND	ppm
Pyrethrins	USP <561>	0.001	Report	ND	ppm
Spinetoram	USP <561>	0.001	Report	ND	ppm
Spinosad	USP <561>	0.001	Report	ND	ppm
Spirotetramat	USP <561>	0.001	Report	ND	ppm
Thiamethoxam	USP <561>	0.001	Report	ND	ppm
Trifloxystrobin	USP <561>	0.001	Report	ND	ppm
<b>Residual Solvents, Group</b>					
Butanes	USP <467>	0.1	Report	ND	ppm
Heptanes	USP <467>	0.1	Report	ND	ppm
Propanes	USP <467>	0.1	Report	ND	ppm

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC + Δ8-THC

30 ml = 28.522 g

Density = 0.951 g/ml

Total Cannabinoids = 1,685.025 mg/30 ml

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