

CTLA ID: 16144
Date Received: 4/2/2020
Sample Name: 15 ml Tincture 500 mg CBD
Lot Number: 1-144-220
Customer: Alterna Therapies



Analysis	Method	MDL	Specification	Result	Units
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	
Yeast & Mold	USP <2021>	100	Report	<100	cfu/g
Heavy Metals					
Arsenic	USP <2232>	.001	Report	<0.001	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
Cannabinoid Concentration					
Total Cannabidiol (CBD)	HPLC	0.608	Report	537.678	mg/15 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.004	Report	ND	%
CBD	HPLC	0.608	Report	537.678	mg/15 ml
CBDA	HPLC	0.608	Report	ND	mg/15 ml
Δ9-THC	HPLC	0.608	Report	ND	mg/15 ml
THCA	HPLC	0.608	Report	ND	mg/15 ml
Δ8-THC	HPLC	0.608	Report	ND	mg/15 ml
THCV	HPLC	0.608	Report	ND	mg/15 ml
CBDV	HPLC	0.608	Report	1.052	mg/15 ml

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Quality Manager

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CBDVA	HPLC	0.608	Report	ND	mg/15 ml
CBGA	HPLC	0.608	Report	ND	mg/15 ml
CBG	HPLC	0.608	Report	ND	mg/15 ml
CBN	HPLC	0.608	Report	ND	mg/15 ml
CBC	HPLC	0.608	Report	ND	mg/15 ml
CBL	HPLC	0.608	Report	ND	mg/15 ml
Pesticides (24)					
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	0.001	ppm

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Certificate of Analysis

Sample Information

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Piperonyl Butoxide	USP <561>	0.001	Report	ND	ppm
Pyrethrins	USP <561>	0.001	Report	0.126	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	0.001	ppm
Trifloxystrobin	USP <561>	0.001	Report	ND	ppm
Residual Solvents, Group					
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

15 ml = 14.008 g

Density = 0.934 g/ml

Total Cannabinoids = 538.730 mg/15 ml

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