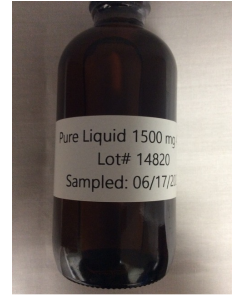


Certificate of Analysis

Sample Information



CTLA ID: 18472
 Date Received: 6/18/2020
 Sample Name: Pure CBD Topical 1500 mg 4 oz
 Lot Number: 14820
 Customer: MM Inc.

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>E. 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	4.744 Report	1,766.137	mg/120 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.004 Report	ND	%
CBD	HPLC	4.744 Report	1,766.137	mg/120 ml
CBDA	HPLC	4.744 Report	ND	mg/120 ml
Δ9-THC	HPLC	4.744 Report	ND	mg/120 ml
THCA	HPLC	4.744 Report	ND	mg/120 ml
Δ8-THC	HPLC	4.744 Report	ND	mg/120 ml
THCV	HPLC	4.744 Report	ND	mg/120 ml
CBDV	HPLC	4.744 Report	6.151	mg/120 ml
CBDVA	HPLC	4.744 Report	ND	mg/120 ml
CBGA	HPLC	4.744 Report	ND	mg/120 ml
CBG	HPLC	4.744 Report	ND	mg/120 ml
CBN	HPLC	4.744 Report	ND	mg/120 ml

6/26/2020

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.

CBC	HPLC	4.744	Report	ND	mg/120 ml
CBL	HPLC	4.744	Report	ND	mg/120 ml
Pesticides (24)					
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
Residual Solvents, Group					
Butanes	USP <467>	73	Report	ND	ppm
Heptanes	USP <467>	73	Report	ND	ppm
Propanes	USP <467>	73	Report	ND	ppm

6/26/2020

DATE


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ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC + Δ8-THC

120 ml = 114 g

Density = 0.95 g/ml

Total Cannabinoids = 1,772.288 mg/120 ml

6/26/2020

DATE


Quality Manager

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