CTLA
Contract TESTING Laboratories
OF AMERICA

Certificate of Analysis
Sample Information

CTLA ID:	11402
Date Received:	10/4/2019
Sample Name:	Essential Body Oil 500mg 1oz
Lot Number:	27319
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
Escherichia coli	USP <2022>		Report	Negative	
Salmonella	USP <2022>		Report	Negative	
Staphylococcus aureus	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	1.613	Report	530.304	mg/oz
Total Tetrahydrocannabinol (THC)	HPLC	0.006	Report	ND	%
CBD	HPLC	1.613	Report	530.304	mg/oz
CBDA	HPLC	1.613	Report	ND	mg/oz
Δ9-THC	HPLC	1.613	Report	ND	mg/oz
THCA	HPLC	1.613	Report	ND	mg/oz
Δ8-THC	HPLC	1.613	Report	ND	mg/oz
THCV	HPLC	1.613	Report	ND	mg/oz
CBDV	HPLC	1.613	Report	ND	mg/oz
CBDVA	HPLC	1.613	Report	ND	mg/oz
CBGA	HPLC	1.613	Report	ND	mg/oz

Quality Manager

CTLA ID: 11402

Date Received: 10/4/2019

Sample Name: Essential Body Oil 500mg 1oz

Lot Number: 27319

Customer: MM Inc.

Analysis	Method	MDL	Specification	Result	Units
CBG	HPLC	1.613	Report	ND	mg/oz
CBN	HPLC	1.613	Report	ND	mg/oz
CBC	HPLC	1.613	Report	ND	mg/oz
CBL	HPLC	1.613	Report	ND	mg/oz
Pesticides					
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

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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O F   A M E R I C A

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Analysis	Method	MDL	Specification	Result	Units
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					
Butanes	USP <467>	64	Report	ND	ppm
Heptanes	USP <467>	64	Report	ND	ppm
Propanes	USP <467>	64	Report	ND	ppm

ND = None Detected

Total CBD = CBD + (CBDA*0.877)
Total THC = Δ9-THC + Δ8-THC

1 oz = 28.233 g

Density = 0.941 g/ml

Total Cannabinoids = 530.304 mg/oz

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Quality Manager

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