

CTLA ID: 14432
 Date Received: 1/28/2020
 Sample Name: Premium Hemp Oil Capsules 25 mg
 Lot Number: APM19058
 Customer: MM Inc.

Analysis	Method	MDL Specification	Result	Units
Rapid 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	
Rapid Yeast and Mold	AOAC 997.02	10 Report	<10	cfu/g
Heavy Metals				
Arsenic	USP <2232>	.001 Report	0.288	ppm
Cadmium	USP <2232>	.001 Report	0.044	ppm
Lead	USP <2232>	.001 Report	0.614	ppm
Mercury	USP <2232>	.001 Report	<0.021	ppm
Cannabinoid Concentration				
Total Cannabidiol (CBD)	HPLC	0.051 Report	29.453	mg/cap
Total Tetrahydrocannabinol (THC)	HPLC	0.006 Report	ND	%
CBD	HPLC	0.051 Report	16.190	mg/cap
CBDA	HPLC	0.051 Report	15.123	mg/cap
Δ9-THC	HPLC	0.051 Report	ND	mg/cap
THCA	HPLC	0.051 Report	ND	mg/cap
Δ8-THC	HPLC	0.051 Report	ND	mg/cap
THCV	HPLC	0.051 Report	ND	mg/cap
CBDV	HPLC	0.051 Report	ND	mg/cap
CBDVA	HPLC	0.051 Report	0.170	mg/cap
CBGA	HPLC	0.051 Report	ND	mg/cap

2/5/2020
 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.

CTLA ID: 14432
 Date Received: 1/28/2020
 Sample Name: Premium Hemp Oil Capsules 25 mg
 Lot Number: APM19058
 Customer: MM Inc.

Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	0.051 Report	0.212	mg/cap
CBN	HPLC	0.051 Report	0.127	mg/cap
CBC	HPLC	0.051 Report	0.912	mg/cap
CBL	HPLC	0.051 Report	ND	mg/cap

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC + Δ8-THC

cap = capsule

1 capsule = 0.835 g

Total Cannabinoids = 32.734 mg/cap

2/5/2020

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.