

# Certificate of Analysis

## Sample Information

CTLA ID: 8401  
 Date Received: 5/29/2019  
 Sample Name: CBD Oil 20%, 2000 mg, 10 ml  
 Lot Number: 1905010  
 Customer: Blue Mountain

Analysis	Method	MDL Specification	Result	Units
<b>Complete Micro</b>				
Total Plate Count	USP <2021>	100 Report	<100	cfu/g
Total Coliforms	BAM CH.4	10 Report	<10	cfu/g
E. Coli	USP <2022>	Report	Negative	
Salmonella	USP <2022>	Report	Negative	
Staph. aureus	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	0.003	ppm
Mercury	USP <2232>	.001 Report	<0.001	ppm
<b>Cannabinoid Concentration</b>				
Total Cannabidiol (CBD)	HPLC	0.477 Report	2,010.515	mg/10 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	ND	%
CBD	HPLC	0.477 Report	2,010.515	mg/10 ml
CBDA	HPLC	0.477 Report	ND	mg/10 ml
Δ9-THC	HPLC	0.477 Report	ND	mg/10 ml
THCA	HPLC	0.477 Report	ND	mg/10 ml
Δ8-THC	HPLC	0.477 Report	ND	mg/10 ml
THCV	HPLC	0.477 Report	ND	mg/10 ml
CBDV	HPLC	0.477 Report	37.191	mg/10 ml
CBDVA	HPLC	0.477 Report	ND	mg/10 ml
CBGA	HPLC	0.477 Report	ND	mg/10 ml



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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Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	0.477 Report	67.376	mg/10 ml
CBN	HPLC	0.477 Report	ND	mg/10 ml
CBC	HPLC	0.477 Report	ND	mg/10 ml
CBL	HPLC	0.477 Report	ND	mg/10 ml

ND = None Detected

Total CBD = CBD + (CBDA\*0.877)

Total THC = Δ9-THC



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