

Certificate of Analysis

Sample Information

CTLA ID: 8405
 Date Received: 5/29/2019
 Sample Name: CBD Oil 5%, 500 mg, 10 ml
 Lot Number: 1905024
 Customer: Blue Mountain

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
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
Heavy Metals				
Arsenic	USP <2232>	.001 Report	0.005	ppm
Cadmium	USP <2232>	.001 Report	<0.001	ppm
Lead	USP <2232>	.001 Report	0.005	ppm
Mercury	USP <2232>	.001 Report	<0.001	ppm
Cannabinoid Concentration				
Total Cannabidiol (CBD)	HPLC	0.554 Report	521.813	mg/10 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.006 Report	ND	%
CBD	HPLC	0.554 Report	521.813	mg/10 ml
CBDA	HPLC	0.554 Report	ND	mg/10 ml
Δ9-THC	HPLC	0.554 Report	ND	mg/10 ml
THCA	HPLC	0.554 Report	ND	mg/10 ml
Δ8-THC	HPLC	0.554 Report	ND	mg/10 ml
THCV	HPLC	0.554 Report	ND	mg/10 ml
CBDV	HPLC	0.554 Report	14.613	mg/10 ml
CBDVA	HPLC	0.554 Report	ND	mg/10 ml
CBGA	HPLC	0.554 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.

Certificate of Analysis

Sample Information

CTLA ID: 8405
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 Sample Name: CBD Oil 5%, 500 mg, 10 ml
 Lot Number: 1905024
 Customer: Blue Mountain

Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	0.554 Report	31.383	mg/10 ml
CBN	HPLC	0.554 Report	ND	mg/10 ml
CBC	HPLC	0.554 Report	ND	mg/10 ml
CBL	HPLC	0.554 Report	ND	mg/10 ml

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC



Quality Manager

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Certificate of Analysis

Sample Information

CTLA ID: 8404
 Date Received: 5/29/2019
 Sample Name: CBD Oil 5%, 500 mg with Turmeric, 10 ml
 Lot Number: 1905004
 Customer: Blue Mountain

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
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
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	0.570 Report	509.041	mg/10 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.006 Report	ND	%
CBD	HPLC	0.570 Report	509.041	mg/10 ml
CBDA	HPLC	0.570 Report	ND	mg/10 ml
Δ9-THC	HPLC	0.570 Report	ND	mg/10 ml
THCA	HPLC	0.570 Report	ND	mg/10 ml
Δ8-THC	HPLC	0.570 Report	ND	mg/10 ml
THCV	HPLC	0.570 Report	ND	mg/10 ml
CBDV	HPLC	0.570 Report	7.728	mg/10 ml
CBDVA	HPLC	0.570 Report	ND	mg/10 ml
CBGA	HPLC	0.570 Report	ND	mg/10 ml


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Certificate of Analysis

Sample Information

CTLA ID: 8404
 Date Received: 5/29/2019
 Sample Name: CBD Oil 5%, 500 mg with Turmeric, 10 ml
 Lot Number: 1905004
 Customer: Blue Mountain

Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	0.570 Report	15.727	mg/10 ml
CBN	HPLC	0.570 Report	ND	mg/10 ml
CBC	HPLC	0.570 Report	ND	mg/10 ml
CBL	HPLC	0.570 Report	ND	mg/10 ml

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC


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Certificate of Analysis

Sample Information

CTLA ID: 8399
 Date Received: 5/29/2019
 Sample Name: CBD Oil 15%, 1500 mg, 10 ml
 Lot Number: 1905004
 Customer: Blue Mountain

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
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
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	0.508 Report	1,504.734	mg/10 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	ND	%
CBD	HPLC	0.508 Report	1,504.734	mg/10 ml
CBDA	HPLC	0.508 Report	ND	mg/10 ml
Δ9-THC	HPLC	0.508 Report	ND	mg/10 ml
THCA	HPLC	0.508 Report	ND	mg/10 ml
Δ8-THC	HPLC	0.508 Report	ND	mg/10 ml
THCV	HPLC	0.508 Report	ND	mg/10 ml
CBDV	HPLC	0.508 Report	25.365	mg/10 ml
CBDVA	HPLC	0.508 Report	ND	mg/10 ml
CBGA	HPLC	0.508 Report	ND	mg/10 ml


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Certificate of Analysis

Sample Information

CTLA ID: 8399
 Date Received: 5/29/2019
 Sample Name: CBD Oil 15%, 1500 mg, 10 ml
 Lot Number: 1905004
 Customer: Blue Mountain

Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	0.508 Report	48.949	mg/10 ml
CBN	HPLC	0.508 Report	ND	mg/10 ml
CBC	HPLC	0.508 Report	ND	mg/10 ml
CBL	HPLC	0.508 Report	ND	mg/10 ml

ND = None Detected

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


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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
Complete Micro				
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
Heavy Metals				
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
Cannabinoid Concentration				
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



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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
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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Certificate of Analysis

Sample Information

CTLA ID: 8403
 Date Received: 5/29/2019
 Sample Name: CBD Oil 5%, 1500 mg, 30 ml
 Lot Number: 1905012
 Customer: Blue Mountain

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
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
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	1.459 Report	1,520.139	mg/30 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	ND	%
CBD	HPLC	1.459 Report	1,520.139	mg/30 ml
CBDA	HPLC	1.459 Report	ND	mg/30 ml
Δ9-THC	HPLC	1.459 Report	ND	mg/30 ml
THCA	HPLC	1.459 Report	ND	mg/30 ml
Δ8-THC	HPLC	1.459 Report	ND	mg/30 ml
THCV	HPLC	1.459 Report	ND	mg/30 ml
CBDV	HPLC	1.459 Report	51.351	mg/30 ml
CBDVA	HPLC	1.459 Report	ND	mg/30 ml
CBGA	HPLC	1.459 Report	ND	mg/30 ml



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Certificate of Analysis

Sample Information

CTLA ID: 8403
 Date Received: 5/29/2019
 Sample Name: CBD Oil 5%, 1500 mg, 30 ml
 Lot Number: 1905012
 Customer: Blue Mountain

Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	1.459 Report	100.918	mg/30 ml
CBN	HPLC	1.459 Report	ND	mg/30 ml
CBC	HPLC	1.459 Report	ND	mg/30 ml
CBL	HPLC	1.459 Report	ND	mg/30 ml

ND = None Detected

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



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Certificate of Analysis

Sample Information

CTLA ID: 8398
Date Received: 5/30/2019
Sample Name: CBD Oil 10%, 3000 mg, 30 ml
Lot Number: 1905014
Customer: Blue Mountain

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
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
Heavy Metals				
Arsenic	USP <2232>	0.047 Report	<0.047	ppm
Cadmium	USP <2232>	0.047 Report	<0.047	ppm
Lead	USP <2232>	0.047 Report	<0.047	ppm
Mercury	USP <2232>	0.047 Report	<0.047	ppm
Cannabinoid Concentration				
Total Cannabidiol (CBD)	HPLC	0.483 Report	3,009.835	mg/30 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	ND	%
CBD	HPLC	0.483 Report	3,009.835	mg/30 ml
CBDA	HPLC	0.483 Report	ND	mg/30 ml
Δ9-THC	HPLC	0.483 Report	ND	mg/30 ml
THCA	HPLC	0.483 Report	ND	mg/30 ml
Δ8-THC	HPLC	0.483 Report	ND	mg/30 ml
THCV	HPLC	0.483 Report	ND	mg/30 ml
CBDV	HPLC	0.483 Report	41.206	mg/30 ml
CBDVA	HPLC	0.483 Report	ND	mg/30 ml
CBGA	HPLC	0.483 Report	ND	mg/30 ml


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Certificate of Analysis

Sample Information

CTLA ID: 8398
 Date Received: 5/30/2019
 Sample Name: CBD Oil 10%, 3000 mg, 30 ml
 Lot Number: 1905014
 Customer: Blue Mountain

Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	0.483 Report	66.740	mg/30 ml
CBN	HPLC	0.483 Report	ND	mg/30 ml
CBC	HPLC	0.483 Report	ND	mg/30 ml
CBL	HPLC	0.483 Report	ND	mg/30 ml

ND = None Detected

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


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Certificate of Analysis

Sample Information

CTLA ID: 8400
 Date Received: 5/29/2019
 Sample Name: CBD Oil 15%, 4500 mg, 30 ml
 Lot Number: 1905016
 Customer: Blue Mountain

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
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
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	1.645 Report	4,511.527	mg/30 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.006 Report	ND	%
CBD	HPLC	1.645 Report	4,511.527	mg/30 ml
CBDA	HPLC	1.645 Report	ND	mg/30 ml
Δ9-THC	HPLC	1.645 Report	ND	mg/30 ml
THCA	HPLC	1.645 Report	ND	mg/30 ml
Δ8-THC	HPLC	1.645 Report	ND	mg/30 ml
THCV	HPLC	1.645 Report	ND	mg/30 ml
CBDV	HPLC	1.645 Report	141.087	mg/30 ml
CBDVA	HPLC	1.645 Report	ND	mg/30 ml
CBGA	HPLC	1.645 Report	ND	mg/30 ml


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Certificate of Analysis

Sample Information

CTLA ID: 8400
 Date Received: 5/29/2019
 Sample Name: CBD Oil 15%, 4500 mg, 30 ml
 Lot Number: 1905016
 Customer: Blue Mountain

Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	1.645 Report	248.911	mg/30 ml
CBN	HPLC	1.645 Report	ND	mg/30 ml
CBC	HPLC	1.645 Report	ND	mg/30 ml
CBL	HPLC	1.645 Report	ND	mg/30 ml

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC



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CTLA ID: 8402
Date Received: 5/29/2019
Sample Name: CBD Oil 20%, 6000 mg, 30 ml
Lot Number: 1905018
Customer: Blue Mountain

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
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
Heavy Metals				
Arsenic	USP <2232>	.001 Report	<0.001	ppm
Cadmium	USP <2232>	.001 Report	0.002	ppm
Lead	USP <2232>	.001 Report	0.002	ppm
Mercury	USP <2232>	.001 Report	<0.001	ppm
Cannabinoid Concentration				
Total Cannabidiol (CBD)	HPLC	1.649 Report	6,142.393	mg/30 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.006 Report	ND	%
CBD	HPLC	1.649 Report	6,142.393	mg/30 ml
CBDA	HPLC	1.649 Report	ND	mg/30 ml
Δ9-THC	HPLC	1.649 Report	ND	mg/30 ml
THCA	HPLC	1.649 Report	ND	mg/30 ml
Δ8-THC	HPLC	1.649 Report	ND	mg/30 ml
THCV	HPLC	1.649 Report	ND	mg/30 ml
CBDV	HPLC	1.649 Report	77.209	mg/30 ml
CBDVA	HPLC	1.649 Report	ND	mg/30 ml
CBGA	HPLC	1.649 Report	ND	mg/30 ml


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CTLA ID: 8402
 Date Received: 5/29/2019
 Sample Name: CBD Oil 20%, 6000 mg, 30 ml
 Lot Number: 1905018
 Customer: Blue Mountain

Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	1.649 Report	148.627	mg/30 ml
CBN	HPLC	1.649 Report	ND	mg/30 ml
CBC	HPLC	1.649 Report	ND	mg/30 ml
CBL	HPLC	1.649 Report	ND	mg/30 ml

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC


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