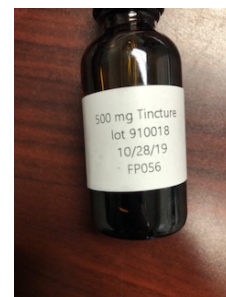


Certificate of Analysis

Sample Information

CTLA ID: 12255
Date Received: 11/5/2019
Sample Name: 500 mg CBD Tincture FP056
Lot Number: 910018
Customer: Alchemy Nutra



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>Escherichia 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	0.008	ppm
Mercury	USP <2232>	.001 Report	<0.001	ppm
Cannabinoid Concentration				
Total Cannabidiol (CBD)	HPLC	1.397 Report	437.563	mg/30 ml
Total Tetrahydrocannabinol (THC)	HPLC	0.005 Report	0.034	%
CBD	HPLC	1.397 Report	437.563	mg/30 ml
CBDA	HPLC	1.397 Report	ND	mg/30 ml
Δ9-THC	HPLC	1.397 Report	9.780	mg/30 ml
THCA	HPLC	1.397 Report	ND	mg/30 ml
Δ8-THC	HPLC	1.397 Report	ND	mg/30 ml
THCV	HPLC	1.397 Report	ND	mg/30 ml
CBDV	HPLC	1.397 Report	5.244	mg/30 ml
CBDVA	HPLC	1.397 Report	ND	mg/30 ml
CBGA	HPLC	1.397 Report	ND	mg/30 ml

11/13/2019
DATE

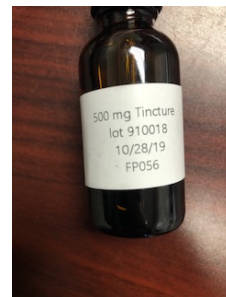

Quality Manager

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.

Certificate of Analysis

Sample Information

CTLA ID: 12255
Date Received: 11/5/2019
Sample Name: 500 mg CBD Tincture FP056
Lot Number: 910018
Customer: Alchemy Nutra



Analysis	Method	MDL Specification	Result	Units
CBG	HPLC	1.397 Report	9.912	mg/30 ml
CBN	HPLC	1.397 Report	ND	mg/30 ml
CBC	HPLC	1.397 Report	6.964	mg/30 ml
CBL	HPLC	1.397 Report	ND	mg/30 ml

ND = None Detected

Total CBD = CBD + (CBDA*0.877)

Total THC = Δ9-THC + Δ8-THC

30 ml = 28.522 g

Density = 0.951 g/ml

Total Cannabinoids = 469.463 mg/30 ml

11/13/2019

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.