

Prepared for:  
**Armitage Apothecary LLC**  
 2811 21st St  
 Boulder, CO USA 80304

**CBD//CBG Tincture**

Batch ID or Lot Number: <b>2213-4001P</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>15Jul2022</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000213744	Started: 12Jul2022	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 11Jul2022	Status: NA

**Microbial Contaminants**

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

**Final Approval**


Brett Hudson  
 15Jul2022  
 10:14:00 AM MDT

PREPARED BY / DATE



Eden Thompson-Wright  
 15Jul2022  
 10:31:00 AM MDT

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/79f57588-de8a-47db-a3e8-74f971fffc18>
**Definitions**

\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 100,000 CFU  
 CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection  
 ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation  
 STEC = Shiga Toxin-Producing E. coli

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



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**Armitage Apothecary LLC**  
 2811 21st St  
 Boulder, CO USA 80304

## CBD//CBG Tincture

Batch ID or Lot Number: <b>2213-4001P</b>	Test: <b>Potency</b>	Reported: <b>14Jul2022</b>	USDA License: N/A
Matrix: Unit	Test ID: T000213743	Started: 13Jul2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 11Jul2022	Status: N/A

## Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	6.314	19.445	ND	ND	# of Servings = 1, Sample Weight=29.1g
Cannabichromenic Acid (CBCA)	5.776	17.786	ND	ND	
Cannabidiol (CBD)	16.141	50.911	1059.390	36.40	
Cannabidiolic Acid (CBDA)	16.555	52.217	ND	ND	
Cannabidivarin (CBDV)	3.817	12.041	5.270	0.20	
Cannabidivarinic Acid (CBDVA)	6.906	21.782	ND	ND	
Cannabigerol (CBG)	3.585	11.040	1030.170	35.40	
Cannabigerolic Acid (CBGA)	14.987	46.153	ND	ND	
Cannabinol (CBN)	4.677	14.403	ND	ND	
Cannabinolic Acid (CBNA)	10.225	31.489	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	17.855	54.985	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	16.216	49.936	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	14.367	44.244	ND	ND	
Tetrahydrocannabivarin (THCV)	3.261	10.042	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	12.672	39.025	ND	ND	
<b>Total Cannabinoids</b>			<b>2094.830</b>	<b>71.99</b>	
Total Potential THC			ND	ND	
Total Potential CBD			1059.390	36.41	

## Final Approval



Daniel Weidensaul  
 14Jul2022  
 02:44:00 PM MDT

PREPARED BY / DATE



Kayla Phye  
 14Jul2022  
 02:48:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7a2585d0-40a2-4fdf-8c01-1e7751724c15>

**Definitions**  
 % = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).  
 Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDA \*(0.877)).

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