

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

## CBD Roll On

Batch ID or Lot Number: <b>2213-10001U</b>	Test: <b>Potency</b>	Reported: <b>14Jul2022</b>	USDA License: N/A
Matrix: Unit	Test ID: T000213751	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)	0.535	1.648	ND	ND	# of Servings = 1, Sample Weight=9.1g
Cannabichromenic Acid (CBCA)	0.489	1.507	ND	ND	
Cannabidiol (CBD)	1.368	4.314	279.900	30.80	
Cannabidiolic Acid (CBDA)	1.403	4.424	ND	ND	
Cannabidivarin (CBDV)	0.323	1.020	1.080	0.10	
Cannabidivarinic Acid (CBDVA)	0.585	1.846	ND	ND	
Cannabigerol (CBG)	0.304	0.935	103.970	11.40	
Cannabigerolic Acid (CBGA)	1.270	3.911	ND	ND	
Cannabinol (CBN)	0.396	1.220	ND	ND	
Cannabinolic Acid (CBNA)	0.866	2.668	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	1.513	4.659	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	1.374	4.231	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	1.217	3.749	ND	ND	
Tetrahydrocannabivarin (THCV)	0.276	0.851	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	1.074	3.307	ND	ND	
<b>Total Cannabinoids</b>			<b>384.950</b>	<b>42.30</b>	
Total Potential THC			ND	ND	
Total Potential CBD			279.900	30.76	

## 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/2de2fae1-46f4-49d4-8503-25e4e177769d>

**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)).

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 Roll On**

Batch ID or Lot Number: <b>2213-10001U</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>15Jul2022</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000213752	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



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



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/ef189d02-80f6-4d21-abcc-d6b8e5b7e722>
**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

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