

Prepared for:

## Hyaluronic Acid Facial Cream

**Armitage Apothecary LLC**


Batch ID or Lot Number: <b>3600E</b>	Test: <b>Potency</b>	Reported: <b>1/31/22</b>	Location: 2811 21st St Boulder, CO 80304
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Matrix: Unit	Test ID: T000189808	Started: 1/28/22	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 01/27/2022 @ 10:38 AM	Sampler ID: N/A
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## CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	14.626	43.725	ND	ND	# of Servings = 1 Sample Weight=94.4g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	16.508	49.351	ND	ND	
Cannabidiolic acid (CBDA)	16.006	49.589	ND	ND	
Cannabidiol (CBD)	15.606	48.349	2967.503	31.44	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	18.177	54.341	ND	ND	
Cannabinolic Acid (CBNA)	10.409	31.120	ND	ND	
Cannabinol (CBN)	4.761	14.234	ND	ND	
Cannabigerolic acid (CBGA)	15.257	45.613	ND	ND	
Cannabigerol (CBG)	3.650	10.911	315.364	3.34	
Tetrahydrocannabivarinic Acid (THCVA)	12.901	38.568	ND	ND	
Tetrahydrocannabivarin (THCV)	3.320	9.925	ND	ND	
Cannabidivarinic Acid (CBDVA)	6.677	20.686	ND	ND	
Cannabidivarin (CBDV)	3.691	11.435	10.817*	0.11*	
Cannabichromenic Acid (CBCA)	5.880	17.578	ND	ND	
Cannabichromene (CBC)	6.428	19.217	ND	ND	
<b>Total Cannabinoids</b>			<b>3293.684</b>	<b>34.89</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			2967.503	31.44	

  
Hannah Wright  
31-Jan-2022  
01:33 PM

  
Ryan Weems  
31-Jan-22  
2:46 PM

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### Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa \*(0.877)) and

Total CBD = CBD + (CBDA \*(0.877))

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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.



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Certificate #4329.02


Prepared for:


**Hyaluronic Acid Facial Cream**
**Armitage Apothecary LLC**

Batch ID or Lot Number: <b>3600E</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>1/31/22</b>	Location: 2811 21st St Boulder, CO 80304
Matrix: Finished Product	Test ID: T000189809	Started: 1/27/22	USDA License: N/A
Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 01/27/2022 @ 10:38 AM	Sampler ID: N/A

**MICROBIAL CONTAMINANTS DETERMINATION**

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
<b>Total Aerobic Count*</b>	TM-26, Culture Plating	10 <sup>2</sup> CFU/g	10 <sup>3</sup> CFU/g	1.5x10 <sup>5</sup> CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
<b>Total Coliforms*</b>	TM-27, Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>Total Yeast and Mold*</b>	TM-24, Culture Plating	10 <sup>1</sup> CFU/g	10 <sup>2</sup> CFU/g	1.5x10 <sup>4</sup> CFU/g	None Detected	
<b>E. coli (STEC)</b>	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
<b>Salmonella</b>	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	

  
 Jackson Osaghae-Nosa  
 1/31/2022  
 9:25:00 AM

  
 Brianne Maillot  
 1/31/2022  
 11:16:00 AM

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**Definitions**

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

\* 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

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