

Prepared for:

CBD//CBG Tincture
Armitage Apothecary LLC


Batch ID or Lot Number: 2213-4001L	Test: Potency	Reported: 1/31/22	Location: 2811 21st St Boulder, CO 80304
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Matrix: Unit	Test ID: T000189802	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)	24.904	74.453	ND	ND	# of Servings = 1 Sample Weight=60.8g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	28.108	84.033	ND	ND	
Cannabidiolic acid (CBDA)	27.254	84.437	ND	ND	
Cannabidiol (CBD)	26.573	82.326	2223.146	36.56	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	30.950	92.529	ND	ND	
Cannabinolic Acid (CBNA)	17.725	52.989	ND	ND	
Cannabinol (CBN)	8.107	24.238	ND	ND	
Cannabigerolic acid (CBGA)	25.979	77.667	ND	ND	
Cannabigerol (CBG)	6.215	18.579	2174.453	35.76	
Tetrahydrocannabivarinic Acid (THCVA)	21.967	65.671	ND	ND	
Tetrahydrocannabivarin (THCV)	5.653	16.899	ND	ND	
Cannabidivarinic Acid (CBDVA)	11.369	35.223	ND	ND	
Cannabidivarin (CBDV)	6.285	19.471	7.76*	0.13*	
Cannabichromenic Acid (CBCA)	10.011	29.930	ND	ND	
Cannabichromene (CBC)	10.945	32.722	ND	ND	
Total Cannabinoids			4405.359	72.46	
Total Potential THC**			ND	ND	
Total Potential CBD**			2223.146	36.56	



Hannah Wright
31-Jan-2022
01:33 PM



Ryan Weems
31-Jan-22
2:46 PM

PREPARED BY / DATE

APPROVED BY / DATE

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.

$$\text{Total THC} = \text{THC} + (\text{THCa} \times 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \times 0.877)$$

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.



CDPHE Certified



Certificate #4329.02


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Batch ID or Lot Number: 2213-4001L	Test: Microbial Contaminants	Reported: 1/31/22	Location: 2811 21st St Boulder, CO 80304
Matrix: Finished Product	Test ID: T000189803	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
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	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

PREPARED BY / DATE

APPROVED BY / DATE

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: 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU

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