

Prepared for:

**110322-Hemp Extract Powder - EG107120A**

**VetCS**

Batch ID or Lot Number: <b>103371</b>	Test: <b>Potency</b>	Reported: <b>11/9/22</b>	Location: 6834 S University Blvd #225 Centennial, CO 80122
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Matrix: Unit	Test ID: T000226752	Started: 11/8/22	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis	Received: 11/03/2022 @ 03:30 PM	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)	33.618	100.762	ND	ND	# of Servings = 1 Sample Weight=185g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	37.944	113.727	ND	ND	
Cannabidiolic acid (CBDA)	35.001	121.369	ND	ND	
Cannabidiol (CBD)	34.126	118.334	3769.141	20.37	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	41.780	125.225	ND	ND	
Cannabinolic Acid (CBNA)	23.926	71.714	ND	ND	
Cannabinol (CBN)	10.944	32.802	ND	ND	
Cannabigerolic acid (CBGA)	35.069	105.111	ND	ND	
Cannabigerol (CBG)	8.389	25.144	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	29.652	88.877	ND	ND	
Tetrahydrocannabivarin (THCV)	7.630	22.871	ND	ND	
Cannabidivarinic Acid (CBDVA)	14.601	50.629	ND	ND	
Cannabidivarin (CBDV)	8.071	27.987	ND	ND	
Cannabichromenic Acid (CBCA)	13.514	40.506	ND	ND	
Cannabichromene (CBC)	14.775	44.285	ND	ND	
<b>Total Cannabinoids</b>			<b>3769.141</b>	<b>20.37</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			3769.141	20.37	

Prepared by: *Sam Smith*  
Sam Smith  
9-Nov-22  
11:07 AM

Approved by: *K Winternheimer*  
Karen Winternheimer  
9-Nov-22  
11:10 AM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

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

\*\* 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 SC Laboratories, Inc. SC Laboratories, Inc 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. All decision rulings are in accordance with the MED and results uploaded to METRC. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited A2LA Certificate Number 4329.01*



CDPHE Certified



Certificate #4329.02

# CERTIFICATE OF ANALYSIS

Prepared for:

**VetCS**

6834 S University Blvd #225  
Centennial, CO USA 80122

## 110322-Hemp Extract Powder A- EG107120A

Batch ID or Lot Number: <b>103371</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>07Nov2022</b>	USDA License: N/A
Matrix: Finished Product	Test ID: T000226751	Started: 04Nov2022	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 03Nov2022	Status: Active

### Microbial

#### Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	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>	<LLOQ	
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



Brianne Maillot  
07Nov2022  
11:16:00 AM MST

PREPARED BY / DATE



Eden Thompson-Wright  
07Nov2022  
03:23:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/69402171-fe25-4bc9-9bf8-77bdc4e6b0e3>

#### 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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