

Prepared for:

**VetCS**6834 S University Blvd #225  
Centennial, CO USA 80122**082922-VetCS 33mg/ml Hemp Extract  
Bacon-HTD060121**

Batch ID or Lot Number: <b>103370</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: <b>01Sep2022</b>	Started: 31Aug2022	Received: 30Aug2022	

**Residual Solvents -  
Colorado Compliance**

Test ID: T000219756

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	83 - 1658	ND	
Butanes (Isobutane, n-Butane)	174 - 3483	ND	
Methanol	56 - 1129	ND	
Pentane	92 - 1848	ND	
Ethanol	89 - 1783	ND	
Acetone	93 - 1852	ND	
Isopropyl Alcohol	94 - 1873	ND	
Hexane	6 - 113	ND	
Ethyl Acetate	94 - 1873	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	93 - 1864	ND	
Toluene	17 - 334	ND	
Xylenes (m,p,o-Xylenes)	123 - 2465	ND	

**Final Approval**Daniel Weidensaul  
01Sep2022  
05:11:00 PM MDT

PREPARED BY / DATE



APPROVED BY / DATE

Jacob Miller  
01Sep2022  
05:13:00 PM MDT

Prepared for:

**VetCS**

6834 S University Blvd #225

Centennial, CO USA 80122

**082922-VetCS 33mg/ml Hemp Extract  
Bacon-HTD060121**

Batch ID or Lot Number:

**103370**

Test, Test ID and Methods:

Various

Matrix:

Concentrate

Page 2 of 5

Reported:

**01Sep2022**

Started:

31Aug2022

Received:

30Aug2022

## Cannabinoids - Colorado Compliance

Test ID: T000219752

Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.019	<LOQ	0.10	
Cannabichromenic Acid (CBCA)	0.005	0.017	ND	ND	
Cannabidiol (CBD)	0.016	0.048	3.372	33.72	
Cannabidiolic Acid (CBDA)	0.016	0.049	ND	ND	
Cannabidivarin (CBDV)	0.004	0.011	0.013	0.13	
Cannabidivarinic Acid (CBDVA)	0.007	0.020	ND	ND	
Cannabigerol (CBG)	0.003	0.011	0.100	1.00	
Cannabigerolic Acid (CBGA)	0.014	0.044	ND	ND	
Cannabinol (CBN)	0.004	0.014	<LOQ	0.12	
Cannabinolic Acid (CBNA)	0.009	0.030	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.017	0.053	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.015	0.048	0.135	1.35	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.013	0.042	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.037	ND	ND	
<b>Total Cannabinoids</b>			<b>3.642</b>	<b>36.42</b>	
Total Potential THC			0.135	1.35	
Total Potential CBD			3.372	33.72	

### Final Approval

Daniel Weidensaul  
02Sep2022  
04:00:00 PM MDT

PREPARED BY / DATE

Jacob Miller  
02Sep2022  
04:03:00 PM MDT

APPROVED BY / DATE

Prepared for:

**VetCS**6834 S University Blvd #225  
Centennial, CO USA 80122**082922-VetCS 33mg/ml Hemp Extract  
Bacon-HTD060121**Batch ID or Lot Number:  
**103370**Test, Test ID and Methods:  
VariousMatrix:  
Concentrate

Page 3 of 5

Reported:  
**01Sep2022**Started:  
31Aug2022Received:  
30Aug2022**Microbial  
Contaminants -  
Colorado Compliance**

Test ID: T000219754

Methods: TM25 (qPCR) TM24, TM26,  
TM27 (Culture Plating): Microbial  
(Colorado Panel)

	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>	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**Eden Thompson-Wright  
03Sep2022  
09:15:00 AM MDTBrianne Maillot  
05Sep2022  
11:22:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

**Heavy Metals -  
Colorado Compliance**

Test ID: T000219755

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.41	ND	
Cadmium	0.04 - 4.33	ND	
Mercury	0.04 - 4.38	ND	
Lead	0.04 - 3.60	ND	

**Final Approval**Sam Smith  
07Sep2022  
02:47:00 PM MDTDaniel Weidensaul  
07Sep2022  
02:51:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Prepared for:

**VetCS**

6834 S University Blvd #225  
Centennial, CO USA 80122

**082922-VetCS 33mg/ml Hemp Extract  
Bacon-HTD060121**

Batch ID or Lot Number:  
**103370**

Test, Test ID and Methods:  
Various

Matrix:  
Concentrate

Page 4 of 5

Reported:  
**01Sep2022**

Started:  
31Aug2022

Received:  
30Aug2022

## Pesticides

Test ID: T000219753

Methods: TM17

(LC-QQ LC MS/MS)

**Dynamic Range (ppb)**

**Result (ppb)**

Abamectin	281 - 2571	ND
Acephate	41 - 2765	ND
Acetamiprid	39 - 2724	ND
Azoxystrobin	42 - 2765	ND
Bifenazate	42 - 2736	ND
Boscalid	40 - 2773	ND
Carbaryl	41 - 2713	ND
Carbofuran	40 - 2721	ND
Chlorantraniliprole	41 - 2796	ND
Chlorpyrifos	65 - 2708	ND
Clofentezine	284 - 2738	ND
Diazinon	284 - 2783	ND
Dichlorvos	286 - 2804	ND
Dimethoate	42 - 2742	ND
E-Fenpyroximate	291 - 2699	ND
Etofenprox	45 - 2685	ND
Etoxazole	297 - 2677	ND
Fenoxycarb	41 - 2753	ND
Fipronil	44 - 2789	ND
Flonicamid	42 - 2774	ND
Fludioxonil	288 - 2766	ND
Hexythiazox	41 - 2742	ND
Imazalil	272 - 2827	ND
Imidacloprid	42 - 2764	ND
Kresoxim-methyl	43 - 2824	ND

**Dynamic Range (ppb)**

**Result (ppb)**

Malathion	289 - 2751	ND
Metalaxyl	43 - 2733	ND
Methiocarb	42 - 2789	ND
Methomyl	38 - 2770	ND
MGK 264 1	153 - 1641	ND
MGK 264 2	120 - 1143	ND
Myclobutanil	34 - 2760	ND
Naled	46 - 2700	ND
Oxamyl	39 - 2812	ND
Paclobutrazol	46 - 2695	ND
Permethrin	281 - 2675	ND
Phosmet	40 - 2730	ND
Prophos	286 - 2783	ND
Propoxur	40 - 2710	ND
Pyridaben	290 - 2737	ND
Spinosad A	35 - 2247	ND
Spinosad D	48 - 510	ND
Spiromesifen	269 - 2734	ND
Spirotetramat	279 - 2776	ND
Spiroxamine 1	18 - 1184	ND
Spiroxamine 2	22 - 1581	ND
Tebuconazole	282 - 2786	ND
Thiacloprid	42 - 2742	ND
Thiamethoxam	43 - 2784	ND
Trifloxystrobin	43 - 2762	ND

## Final Approval



Karen Winternheimer  
08Sep2022  
03:00:00 PM MDT

PREPARED BY / DATE



Sam Smith  
08Sep2022  
03:08:00 PM MDT

APPROVED BY / DATE

Prepared for:

**VetCS**

6834 S University Blvd #225  
Centennial, CO USA 80122

**082922-VetCS 33mg/ml Hemp Extract  
Bacon-HTD060121**

Batch ID or Lot Number: <b>103370</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 5 of 5
Reported: <b>01Sep2022</b>	Started: 31Aug2022	Received: 30Aug2022	



<https://results.botanacor.com/api/v1/coas/uuid/b40385b3-c471-43c4-a5d1-172c1380305c>

## Definitions

LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form. Examples:  $10^2$  = 100 CFU,  $10^3$  = 1,000 CFU,  $10^4$  = 10,000 CFU,  $10^5$  = 100,000 CFU.

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. 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. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



Cert #4329.02

b40385b3c47143c4a5d1172c1380305c.1