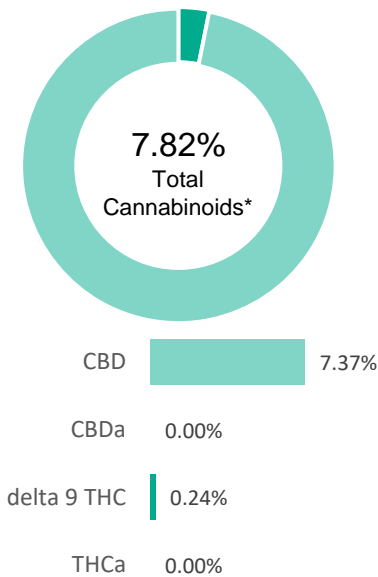


**021821-VetCs Equine Paste-C0504**

<b>Batch ID:</b>	VCS021821	<b>Test ID:</b>	T000125172
<b>Type:</b>	Concentrate	<b>Submitted:</b>	02/19/2021 @ 12:22 PM
<b>Test:</b>	Potency	<b>Started:</b>	2/22/2021
<b>Method:</b>	TM14	<b>Reported:</b>	2/23/2021

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.04	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	0.24	2.4
Cannabidiolic acid (CBDA)	0.04	ND	ND
Cannabidiol (CBD)	0.04	7.37	73.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.05	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.01	0.03	0.3
Cannabigerolic acid (CBGA)	0.05	ND	ND
Cannabigerol (CBG)	0.01	0.15	1.5
Tetrahydrocannabivarinic Acid (THCVA)	0.04	ND	ND
Tetrahydrocannabivarin (THCV)	0.01	ND	ND
Cannabidivarinic Acid (CBDVA)	0.02	ND	ND
Cannabidivarin (CBDV)	0.01	0.03	0.3
Cannabichromenic Acid (CBCA)	0.02	ND	ND
Cannabichromene (CBC)	0.02	ND	ND
<b>Total Cannabinoids</b>		<b>7.82</b>	<b>78.2</b>
<b>Total Potential THC**</b>		<b>0.24</b>	<b>2.4</b>
<b>Total Potential CBD**</b>		<b>7.37</b>	<b>73.7</b>

**NOTES:**

N/A

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

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



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

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

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

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

**FINAL APPROVAL**

 Daniel Weidensaul 23-Feb-2021 11:09 AM	 Ben Minton 23-Feb-2021 2:30 PM
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PREPARED BY / DATE

APPROVED BY / DATE

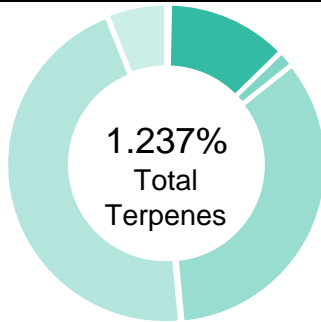
Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. 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 17025:2005 Accredited A2LA Certificate Number 4329.02



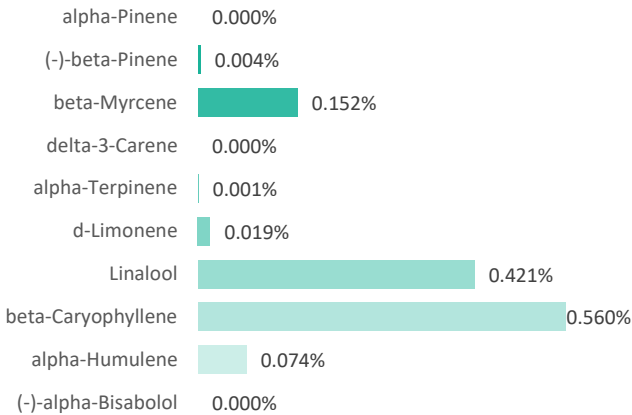
Certificate #4329.02

**VetCS 500mg Hemp Extract Paste**

<b>Batch ID:</b>	103341	<b>Test ID:</b>	T000128754
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/16/2021 @ 12:18 PM
<b>Test:</b>	Terpenes	<b>Started:</b>	3/18/2021
<b>Method:</b>	TM22	<b>Reported:</b>	3/19/2021

**TERPENE PROFILE**


Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.000	0
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.560	5.6
(-)-Caryophyllene Oxide	0.006	0.06
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.074	0.74
(-)-Isopulegol	0.000	0
d-Limonene	0.019	0.19
Linalool	0.421	4.21
beta-Myrcene	0.152	1.52
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.004	0.04
alpha-Terpinene	0.001	0.01
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
<b>Total</b>	<b>1.237%</b>	<b>12.37</b>

**PREDOMINANT TERPENES**

 NOTES:  
 0

**FINAL APPROVAL**

 <b>Ryan Weems</b> 19-Mar-2021 4:56 PM	 <b>Scott Hansen</b> 19-Mar-2021 4:58 PM
--	--

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APPROVED BY / DATE

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Certificate #4329.02

## VetCS 500mg Hemp Extract Paste

<b>Batch ID:</b>	103341	<b>Test ID:</b>	T000128756
<b>Type:</b>	Edible	<b>Submitted:</b>	03/16/2021 @ 12:18 PM
<b>Test:</b>	Microbial Contaminants	<b>Started:</b>	3/17/2021
<b>Method:</b>	TM24, TM25, TM26, TM27, TM28	<b>Reported:</b>	3/20/2021

## MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	BLOQ
<b>E. coli</b>	Absent
<b>E. coli (STEC)</b>	None Detected
<b>Salmonella</b>	None Detected

\* CFU/g = Colony Forming Unit 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

## NOTES:

Free from visual mold, mildew, and foreign matter  
TYM: BLOQ | Below limit of quantitation  
Total Aerobic: None Detected  
Coliforms: None Detected

## FINAL APPROVAL

  
Robert Belfon  
20-Mar-2021  
3:09 PM  
Scott Hansen  
20-Mar-2021  
5:46 PM

PREPARED BY / DATE

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Certificate #4329.03

**VetCS 500mg Hemp Extract Paste**

<b>Batch ID:</b>	103341	<b>Test ID:</b>	T000128758
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/16/2021 @ 12:18 PM
<b>Test:</b>	Residual Solvents	<b>Started:</b>	3/19/2021
<b>Method:</b>	TM04	<b>Reported:</b>	3/19/2021

**RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
<b>Propane</b>	103 - 2060	*ND
<b>Butanes</b> (Isobutane, n-Butane)	198 - 3955	*ND
<b>Methanol</b>	59 - 1172	*ND
<b>Pentane</b>	99 - 1984	*ND
<b>Ethanol</b>	94 - 1874	*ND
<b>Acetone</b>	99 - 1979	*ND
<b>Isopropyl Alcohol</b>	99 - 1971	*ND
<b>Hexane</b>	6 - 123	*ND
<b>Ethyl Acetate</b>	100 - 1998	*ND
<b>Benzene</b>	0.2 - 3.7	*ND
<b>Heptanes</b>	98 - 1958	*ND
<b>Toluene</b>	17 - 344	*ND
<b>Xylenes</b> (m,p,o-Xylenes)	122 - 2443	*ND


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

NOTES:  
N/A

**FINAL APPROVAL**


Ryan Weems  
19-Mar-2021  
5:00 PM

PREPARED BY / DATE



Scott Hansen  
19-Mar-2021  
5:07 PM

APPROVED BY / DATE

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Certificate #4329.02

**VetCS 500mg Hemp Extract Paste**

<b>Batch ID:</b>	103341	<b>Test ID:</b>	T000128755
<b>Type:</b>	Concentrate	<b>Submitted:</b>	03/16/2021 @ 12:18 PM
<b>Test:</b>	Pesticides	<b>Started:</b>	3/18/2021
<b>Method:</b>	TM17	<b>Reported:</b>	3/19/2021


**PESTICIDE RESIDUE**


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	35 - 2056	ND*	Malathion	240 - 2056	ND*
Acetamiprid	35 - 2056	ND*	Metalaxyl	34 - 2056	ND*
Abamectin	>280	ND*	Methiocarb	32 - 2056	ND*
Azoxystrobin	36 - 2056	ND*	Methomyl	34 - 2056	ND*
Bifenazate	34 - 2056	ND*	MGK 264 1	133 - 2056	ND*
Boscalid	33 - 2056	ND*	MGK 264 2	91 - 2056	ND*
Carbaryl	32 - 2056	ND*	Myclobutanil	39 - 2056	ND*
Carbofuran	35 - 2056	ND*	Naled	33 - 2056	ND*
Chlorantraniliprole	37 - 2056	ND*	Oxamyl	32 - 2056	ND*
Chlorpyrifos	23 - 2056	ND*	Paclobutrazol	34 - 2056	ND*
Clofentezine	227 - 2056	ND*	Permethrin	259 - 2056	ND*
Diazinon	246 - 2056	ND*	Phosmet	35 - 2056	ND*
Dichlorvos	>220	ND*	Prophos	243 - 2056	ND*
Dimethoate	34 - 2056	ND*	Propoxur	33 - 2056	ND*
E-Fenpyroximate	228 - 2056	ND*	Pyridaben	241 - 2056	ND*
Etofenprox	32 - 2056	ND*	Spinosad A	24 - 2056	ND*
Etoxazole	244 - 2056	ND*	Spinosad D	62 - 2056	ND*
Fenoxycarb	>46	ND*	Spiromesifen	>239	ND*
Fipronil	31 - 2056	ND*	Spirotetramat	>227	ND*
Flonicamid	38 - 2056	ND*	Spiroxamine 1	14 - 2056	ND*
Fludioxonil	>247	ND*	Spiroxamine 2	18 - 2056	ND*
Hexythiazox	34 - 2056	ND*	Tebuconazole	238 - 2056	ND*
Imazalil	241 - 2056	ND*	Thiacloprid	34 - 2056	ND*
Imidacloprid	35 - 2056	ND*	Thiamethoxam	36 - 2056	ND*
Kresoxim-methyl	35 - 2056	ND*	Trifloxystrobin	33 - 2056	ND*

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

N/A

**FINAL APPROVAL**

 Tyler Wiese  
 19-Mar-2021  
 1:45 PM

 Scott Hansen  
 19-Mar-2021  
 4:24 PM

PREPARED BY / DATE

APPROVED BY / DATE

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