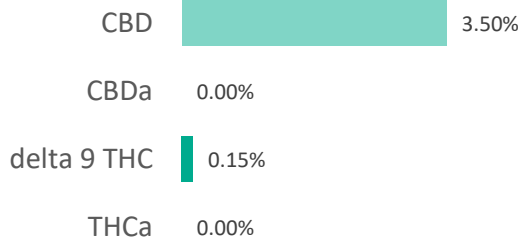
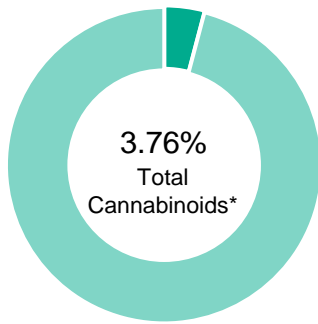


121020-VetCS-Canine 1,000mg-D0811

Batch ID:	103338	Test ID:	T000114845
Type:	Concentrate	Submitted:	12/11/2020 @ 01:29 PM
Test:	Potency	Started:	12/14/2020
Method:	TM14	Reported:	12/15/2020

CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.05	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.05	0.15	1.5
Cannabidiolic acid (CBDA)	0.06	ND	ND
Cannabidiol (CBD)	0.06	3.50	35.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.06	ND	ND
Cannabinolic Acid (CBNA)	0.03	ND	ND
Cannabinol (CBN)	0.01	0.02	0.2
Cannabigerolic acid (CBGA)	0.05	ND	ND
Cannabigerol (CBG)	0.01	0.06	0.6
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
Total Cannabinoids		3.76	37.6
Total Potential THC**		0.15	1.5
Total Potential CBD**		3.50	35.0

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.
 Total THC = THC + (THCa * (0.877)) and
 Total CBD = CBD + (CBDa * (0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

 Sam Smith 15-Dec-2020 3:12 PM	 Ben Minton 15-Dec-2020 3:25 PM
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 33mg/ml Hemp Extract Bacon

Batch ID:	103338	Test ID:	T000122054
Type:	Edible	Submitted:	02/01/2021 @ 12:49 PM
Test:	Microbial Contaminants	Started:	2/3/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	2/6/2021

MICROBIAL CONTAMINANTS

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

FINAL APPROVAL


Nick Tumminaro
6-Feb-2021
1:44 PM
Greg Zimpfer
6-Feb-2021
3:48 PM

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 4329.03. Testing associated with this certificate of analysis performed by an external ISO17025 accredited provider.



Certificate #4329.03

VetCS 33mg/ml Hemp Extract Bacon

Batch ID:	103338	Test ID:	T000122056
Type:	Concentrate	Submitted:	02/01/2021 @ 12:49 PM
Test:	Residual Solvents	Started:	2/4/2021
Method:	TM04	Reported:	2/4/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	107 - 2136	*ND
Butanes (Isobutane, n-Butane)	199 - 3973	*ND
Methanol	56 - 1113	*ND
Pentane	95 - 1900	*ND
Ethanol	97 - 1946	*ND
Acetone	91 - 1822	*ND
Isopropyl Alcohol	96 - 1916	*ND
Hexane	6 - 111	*ND
Ethyl Acetate	94 - 1873	*ND
Benzene	0.2 - 3.5	*ND
Heptanes	93 - 1860	*ND
Toluene	17 - 335	*ND
Xylenes (m,p,o-Xylenes)	124 - 2472	*ND

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

NOTES:
N/A

FINAL APPROVAL

Daniel Weidensaul
4-Feb-2021
5:22 PMBen Minton
4-Feb-2021
5:52 PM

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 33mg/ml Hemp Extract Bacon

Batch ID:	103338	Test ID:	T000122055
Type:	Other	Submitted:	02/01/2021 @ 12:49 PM
Test:	Metals	Started:	2/2/2021
Method:	TM19	Reported:	2/4/2021

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.067 - 6.72	ND
Cadmium	0.068 - 6.85	ND
Mercury	0.069 - 6.87	ND
Lead	0.070 - 6.99	ND

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

FINAL APPROVAL

Daniel Weidensaul
4-Feb-2021
9:55 AMGreg Zimpfer
4-Feb-2021
3:03 PM

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.

VetCS 33mg/ml Hemp Extract Bacon

Batch ID:	103338	Test ID:	T000122053
Type:	Concentrate	Submitted:	02/01/2021 @ 12:49 PM
Test:	Pesticides	Started:	2/5/2021
Method:	TM17	Reported:	2/8/2021


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	40 - 2648	ND*	Malathion	302 - 2648	ND*
Acetamiprid	41 - 2648	ND*	Metalaxyl	40 - 2648	ND*
Abamectin	>315	ND*	Methiocarb	43 - 2648	ND*
Azoxystrobin	46 - 2648	ND*	Methomyl	44 - 2648	ND*
Bifenazate	37 - 2648	ND*	MGK 264 1	165 - 2648	ND*
Boscalid	32 - 2648	ND*	MGK 264 2	119 - 2648	ND*
Carbaryl	42 - 2648	ND*	Myclobutanil	49 - 2648	ND*
Carbofuran	43 - 2648	ND*	Naled	43 - 2648	ND*
Chlorantraniliprole	50 - 2648	ND*	Oxamyl	41 - 2648	ND*
Chlorpyrifos	51 - 2648	ND*	Paclobutrazol	43 - 2648	ND*
Clofentezine	293 - 2648	ND*	Permethrin	278 - 2648	ND*
Diazinon	284 - 2648	ND*	Phosmet	41 - 2648	ND*
Dichlorvos	>316	ND*	Prophos	308 - 2648	ND*
Dimethoate	39 - 2648	ND*	Propoxur	41 - 2648	ND*
E-Fenpyroximate	335 - 2648	ND*	Pyridaben	308 - 2648	ND*
Etofenprox	43 - 2648	ND*	Spinosad A	29 - 2648	ND*
Etoxazole	308 - 2648	ND*	Spinosad D	80 - 2648	ND*
Fenoxycarb	>43	ND*	Spiromesifen	>299	ND*
Fipronil	41 - 2648	ND*	Spirotetramat	>304	ND*
Flonicamid	50 - 2648	ND*	Spiroxamine 1	19 - 2648	ND*
Fludioxonil	>298	ND*	Spiroxamine 2	24 - 2648	ND*
Hexythiazox	41 - 2648	ND*	Tebuconazole	299 - 2648	ND*
Imazalil	264 - 2648	ND*	Thiacloprid	41 - 2648	ND*
Imidacloprid	44 - 2648	ND*	Thiamethoxam	40 - 2648	ND*
Kresoxim-methyl	47 - 2648	ND*	Trifloxystrobin	42 - 2648	ND*

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

N/A

FINAL APPROVAL

 Tyler Wiese
 8-Feb-2021
 7:17 PM

 Ben Minton
 8-Feb-2021
 7:46 PM

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.