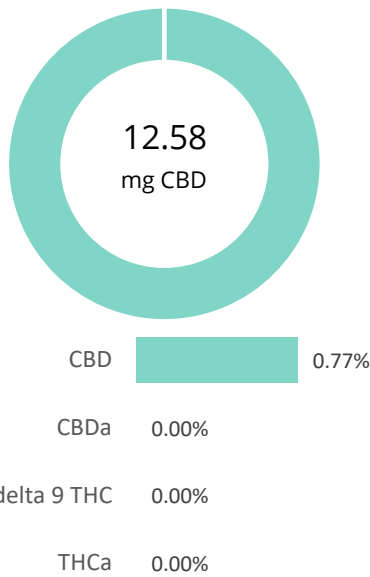


VetCS Canine Joint Chewables

Batch ID: Lot 103342	Test ID: T000147586
Type: Unit	Submitted: 06/24/2021 @ 11:31 AM
Test: Potency	Started: 6/28/2021
Method: TM14	Reported: 6/29/2021

CANNABINOID PROFILE



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.08	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.09	ND	ND
Cannabidiolic acid (CBDA)	0.07	ND	ND
Cannabidiol (CBD)	0.07	12.58	7.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.09	ND	ND
Cannabinolic Acid (CBNA)	0.05	ND	ND
Cannabinol (CBN)	0.02	ND	ND
Cannabigerolic acid (CBGA)	0.08	ND	ND
Cannabigerol (CBG)	0.02	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.07	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.03	ND	ND
Cannabidivarin (CBDV)	0.02	0.18	0.1
Cannabichromenic Acid (CBCA)	0.03	ND	ND
Cannabichromene (CBC)	0.03	ND	ND
Total Cannabinoids		12.76	7.8
Total Potential THC**		ND	ND
Total Potential CBD**		12.58	7.7

NOTES:

of Servings = 1, Sample Weight=1.635g

% = % (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

 PREPARED BY / DATE	Sam Smith 29-Jun-2021 4:26 PM	 APPROVED BY / DATE	Michele Gagnon 29-Jun-2021 4:31 PM
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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



VetCS Canine Joint Chewables

Batch ID:	LOT 103342	Test ID:	T000147589
Type:	Concentrate	Submitted:	06/24/2021 @ 11:31 AM
Test:	Residual Solvents	Started:	6/29/2021
Method:	TM04	Reported:	6/29/2021

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	61 - 1220	*ND
Butanes (Isobutane, n-Butane)	122 - 2440	*ND
Methanol	49 - 987	*ND
Pentane	69 - 1372	*ND
Ethanol	71 - 1416	*ND
Acetone	78 - 1565	*ND
Isopropyl Alcohol	83 - 1655	*ND
Hexane	5 - 97	*ND
Ethyl Acetate	78 - 1559	*ND
Benzene	0.2 - 3.2	*ND
Heptanes	75 - 1495	*ND
Toluene	14 - 285	*ND
Xylenes (m,p,o-Xylenes)	104 - 2076	*ND

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

NOTES:

N/A

FINAL APPROVAL

Sam Smith
29-Jun-2021
4:09 PMDaniel Weidensaul
29-Jun-2021
4:15 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

VetCS Canine Joint Chewables

Batch ID:	Lot 103342	Test ID:	T000147588
Type:	Edible	Submitted:	06/24/2021 @ 11:31 AM
Test:	Microbial Contaminants	Started:	6/25/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	6/28/2021

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)	Absent
Salmonella	Absent

* 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

Brianne Maillot
28-Jun-2021
9:39 AMRobert Belfon
28-Jun-2021
2:31 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

VetCS Canine Joint Chewables

Batch ID:	Lot 103342	Test ID:	T000147587
Type:	Concentrate	Submitted:	06/24/2021 @ 11:31 AM
Test:	Pesticides	Started:	6/28/2021
Method:	TM17	Reported:	6/29/2021


PESTICIDE RESIDUE


Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	40 - 2494	ND*	Malathion	295 - 2494	ND*
Acetamiprid	41 - 2494	ND*	Metalaxyl	43 - 2494	ND*
Abamectin	>361	ND*	Methiocarb	41 - 2494	ND*
Azoxystrobin	43 - 2494	ND*	Methomyl	40 - 2494	ND*
Bifenazate	42 - 2494	ND*	MGK 264 1	160 - 2494	ND*
Boscalid	37 - 2494	ND*	MGK 264 2	114 - 2494	ND*
Carbaryl	35 - 2494	ND*	Myclobutanil	42 - 2494	ND*
Carbofuran	41 - 2494	ND*	Naled	44 - 2494	ND*
Chlorantraniliprole	55 - 2494	ND*	Oxamyl	42 - 2494	ND*
Chlorpyrifos	46 - 2494	ND*	Paclobutrazol	40 - 2494	ND*
Clofentezine	282 - 2494	ND*	Permethrin	277 - 2494	ND*
Diazinon	289 - 2494	ND*	Phosmet	46 - 2494	ND*
Dichlorvos	>285	ND*	Prophos	277 - 2494	ND*
Dimethoate	41 - 2494	ND*	Propoxur	43 - 2494	ND*
E-Fenpyroximate	294 - 2494	ND*	Pyridaben	289 - 2494	ND*
Etofenprox	42 - 2494	ND*	Spinosad A	30 - 2494	ND*
Etoxazole	303 - 2494	ND*	Spinosad D	75 - 2494	ND*
Fenoxycarb	>41	ND*	Spiromesifen	>289	ND*
Fipronil	41 - 2494	ND*	Spirotetramat	>292	ND*
Flonicamid	48 - 2494	ND*	Spiroxamine 1	17 - 2494	ND*
Fludioxonil	>303	ND*	Spiroxamine 2	22 - 2494	ND*
Hexythiazox	42 - 2494	ND*	Tebuconazole	295 - 2494	ND*
Imazalil	269 - 2494	ND*	Thiacloprid	42 - 2494	ND*
Imidacloprid	42 - 2494	ND*	Thiamethoxam	41 - 2494	ND*
Kresoxim-methyl	43 - 2494	ND*	Trifloxystrobin	42 - 2494	ND*

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

N/A

FINAL APPROVAL


 Sam Smith
 29-Jun-2021
 4:29 PM


 Taylor Brevik
 29-Jun-2021
 4:34 PM

PREPARED BY / DATE

APPROVED BY / DATE

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