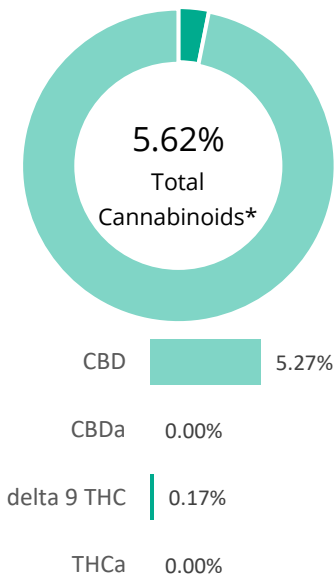


082421-Feline 500mg Low Scent-C0504

Batch ID: 103349	Test ID: T000160195
Type: Concentrate	Submitted: 08/26/2021 @ 05:26 PM
Test: Potency	Started: 8/30/2021
Method: TM14 (HPLC-DAD)	Reported: 8/31/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.01	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.01	0.17	1.7
Cannabidiolic acid (CBDA)	0.02	ND	ND
Cannabidiol (CBD)	0.02	5.27	52.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.02	ND	ND
Cannabinolic Acid (CBNA)	0.01	ND	ND
Cannabinol (CBN)	0.00	0.03	0.3
Cannabigerolic acid (CBGA)	0.01	ND	ND
Cannabigerol (CBG)	0.00	0.12	1.2
Tetrahydrocannabivarinic Acid (THCVA)	0.01	ND	ND
Tetrahydrocannabivarin (THCV)	0.00	ND	ND
Cannabidivarinic Acid (CBDVA)	0.01	ND	ND
Cannabidivarin (CBDV)	0.00	0.03	0.3
Cannabichromenic Acid (CBCA)	0.00	ND	ND
Cannabichromene (CBC)	0.01	ND	ND
Total Cannabinoids		5.62	56.2
Total Potential THC**		0.17	1.7
Total Potential CBD**		5.27	52.7

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

K Winterheimer
 Karen Winterheime
 31-Aug-2021
 1:49 PM

PREPARED BY / DATE

Daniel Weidensaul
 Daniel Weidensaul
 31-Aug-2021
 2:15 PM

APPROVED BY / DATE

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Certificate #4329.02

VetCS Hemp Extract

Batch ID:	103354A	Test ID:	T000164550
Matrix:	Concentrate	Received:	09/23/2021 @ 11:51 AM
Test:	Microbial Contaminants	Started:	9/24/2021
Method:	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Reported:	9/27/2021

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected
Total Yeast and Molds*	TM-24 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected
<i>E. coli</i>	TM-28 Culture Plating	1 CFU/g	NA	NA	Absent
<i>E. coli</i> (STEC)	TM-25 PCR	1 CFU/g	NA	NA	Absent
<i>Salmonella</i>	TM-25 PCR	1 CFU/g	NA	NA	Absent

* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: 10² = 100 CFU
 10³ = 1,000 CFU
 10⁴ = 10,000 CFU
 10⁵ = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter

DEFINITIONS:

CFU/g = Colony Forming Units per Gram.

LOD = Limit of Detection

ULOQ = Upper Limit of Quantitation

LLOQ = Lower Limit of Quantitation

FINAL APPROVAL

Brianne Maillot
 Brianne Maillot
 9/27/2021
 3:18:00 PM

PREPARED BY / DATE

Tori King
 Tori King
 9/27/2021
 4:09:00 PM

APPROVED BY / DATE

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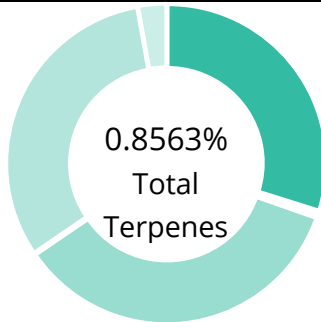


Certificate #4329.03

VetCS Hemp Extract For Cats

Batch ID:	103349	Test ID:	T000164540
Type:	Concentrate	Submitted:	09/23/2021 @ 11:51 AM
Test:	Terpenes	Started:	9/24/2021
Method:	TM22 (GC-MS)	Reported:	9/29/2021

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0000	0.000
Camphene	0.0000	0.000
delta-3-Carene	0.0012	0.012
beta-Caryophyllene	0.2714	2.714
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0243	0.243
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0027	0.027
Linalool	0.3003	3.003
beta-Myrcene	0.2556	2.556
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0000	0.000
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0008	0.008
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	0.8563	8.563


PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.2556
delta-3-Carene	0.0012
alpha-Terpinene	0.0008
d-Limonene	0.0027
Linalool	0.3003
beta-Caryophyllene	0.2714
alpha-Humulene	0.0243
(-)-alpha-Bisabolol	0.0000

NOTES:

N/A

FINAL APPROVAL


 Daniel Weidensaul
 29-Sep-2021
 2:45 PM


 Ryan Weems
 29-Sep-2021
 2:47 PM

PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02

Prepared for:

VetCS Hemp Extract For Cats
VETCS


Batch ID or Lot Number: 103349	Test: Pesticides	Reported: 9/29/21	Location: 6834 S. UNIVERSITY BLVD. #225 CENTENNIAL, CO 80122
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Matrix: Concentrate	Test ID: t000164541	Started: 9/28/21	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 09/23/2021 @ 11:51 AM	Sampler ID: N/A
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PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	41	ND	Fenoxycarb	42	ND	Paclobutrazol	42	ND
Acetamiprid	40	ND	Fipronil	33	ND	Permethrin	287	ND
Avermectin	316	ND	Flonicamid	51	ND	Phosmet	43	ND
Azoxystrobin	43	ND	Fludioxonil	295	ND	Prophos	293	ND
Bifenazate	46	ND	Hexythiazox	47	ND	Propoxur	41	ND
Boscalid	54	ND	Imazalil	284	ND	Pyridaben	298	ND
Carbaryl	39	ND	Imidacloprid	42	ND	Spinosad A	35	ND
Carbofuran	41	ND	Kresoxim-methyl	150	ND	Spinosad D	54	ND
Chlorantraniliprole	53	ND	Malathion	299	ND	Spiromesifen	272	ND
Chlorpyrifos	500	ND	Metalaxyl	43	ND	Spirotetramat	305	ND
Clofentezine	285	ND	Methiocarb	42	ND	Spiroxamine 1	18	ND
Diazinon	290	ND	Methomyl	44	ND	Spiroxamine 2	24	ND
Dichlorvos	290	ND	MGK 264 1	160	ND	Tebuconazole	290	ND
Dimethoate	42	ND	MGK 264 2	136	ND	Thiacloprid	41	ND
E-Fenpyroximate	317	ND	Myclobutanil	40	ND	Thiamethoxam	43	ND
Etofenprox	44	ND	Naled	44	ND	Trifloxystrobin	43	ND
Etoxazole	307	ND	Oxamyl	1500	ND			


 Sam Smith
 9/29/2021
 5:13:00 PM


 Courtney Richards
 9/29/2021
 7:12:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02


Prepared for:

VetCS Hemp Extract For Cats
VETCS


Batch ID or Lot Number: 103349	Test: Metals	Reported: 9/28/21	Location: 6834 S. UNIVERSITY BLVD. #225 CENTENNIAL, CO 80122
Matrix: Unit	Test ID: T000164543	Started: 9/27/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS): Heavy Metals	Received: 09/23/2021 @ 11:51 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.048 - 4.81	ND	0
Cadmium	0.049 - 4.89	ND	
Mercury	0.046 - 4.57	ND	
Lead	0.048 - 4.85	ND	


 Ryan Weems
 28-Sep-21
 1:31 PM

PREPARED BY / DATE


 Sam Smith
 28-Sep-21
 1:59 PM

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02


Prepared for:

VetCS Hemp Extract For Cats
VETCS


Batch ID or Lot Number: 103349	Test: Residual Solvents	Reported: 9/29/21	Location: 6834 S. UNIVERSITY BLVD. #225 CENTENNIAL, CO 80122
Matrix: N/A	Test ID: T000164544	Started: 9/28/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 09/23/2021 @ 11:51 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	92 - 1847	*ND	
Butanes (Isobutane, n-Butane)	192 - 3833	*ND	
Methanol	69 - 1390	*ND	
Pentane	99 - 1985	*ND	
Ethanol	106 - 2115	*ND	
Acetone	109 - 2173	*ND	
Isopropyl Alcohol	118 - 2355	*ND	
Hexane	7 - 134	*ND	
Ethyl Acetate	112 - 2232	*ND	
Benzene	0 - 4	*ND	
Heptanes	105 - 2096	*ND	
Toluene	20 - 397	*ND	
Xylenes (m,p,o-Xylenes)	143 - 2860	*ND	


 Hannah Wright
 29-Sep-21
 1:19 PM

PREPARED BY / DATE


 Daniel Weidensaul
 29-Sep-21
 1:46 PM

APPROVED BY / DATE

Definitions

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

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