

Prepared for:

VetCS

6834 S University Blvd #225
Centennial, CO USA 80122

VetCS Large Breed Dog 2000mg Bacon-D-KAB0304021

Batch ID or Lot Number: 103386	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 06Aug2023	Started: 04Aug2023	Received: 04Aug2023	

Residual Solvents - Colorado Compliance

Test ID: T000250700

Methods: TM04 (GC-MS): Residual


Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	96 - 1915	ND	
Butanes (Isobutane, n-Butane)	187 - 3748	ND	
Methanol	59 - 1181	ND	
Pentane	95 - 1900	ND	
Ethanol	94 - 1888	ND	
Acetone	94 - 1885	ND	
Isopropyl Alcohol	98 - 1969	ND	
Hexane	6 - 115	ND	
Ethyl Acetate	96 - 1919	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	96 - 1910	ND	
Toluene	17 - 342	ND	
Xylenes (m,p,o-Xylenes)	126 - 2525	ND	

Final Approval



Karen Winternheimer
06Aug2023
10:32:00 AM MDT

PREPARED BY / DATE



Sam Smith
06Aug2023
10:36:00 AM MDT

APPROVED BY / DATE

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Cannabinoids - Colorado Compliance


Test ID: T000250696


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

Cannabinoid Analysis

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.019	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.005	0.018	ND	ND	
Cannabidiol (CBD)	0.019	0.052	6.479	64.79	
Cannabidiolic Acid (CBDA)	0.019	0.053	ND	ND	
Cannabidivarin (CBDV)	0.004	0.012	0.021	0.21	
Cannabidivarinic Acid (CBDVA)	0.008	0.022	ND	ND	
Cannabigerol (CBG)	0.003	0.011	0.083	0.83	
Cannabigerolic Acid (CBGA)	0.013	0.046	ND	ND	
Cannabinol (CBN)	0.004	0.014	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.009	0.031	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.016	0.055	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.014	0.050	0.137	1.37	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.013	0.044	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.011	0.039	ND	ND	
Total Cannabinoids			6.720	67.20	
Total Potential THC			0.137	1.37	
Total Potential CBD			6.479	64.79	

Final Approval


Sam Smith
09Aug2023
01:15:00 PM MDT
PREPARED BY / DATE


Karen Winternheimer
09Aug2023
01:20:00 PM MDT
APPROVED BY / DATE

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Pesticides

Test ID: T000250697

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)
Abamectin	359 - 2672	ND
Acephate	42 - 2738	ND
Acetamiprid	40 - 2717	ND
Azoxystrobin	41 - 2742	ND
Bifenazate	37 - 2749	ND
Boscalid	42 - 2706	ND
Carbaryl	38 - 2730	ND
Carbofuran	39 - 2713	ND
Chlorantraniliprole	37 - 2700	ND
Chlorpyrifos	44 - 2773	ND
Clofentezine	282 - 2718	ND
Diazinon	281 - 2755	ND
Dichlorvos	284 - 2779	ND
Dimethoate	39 - 2701	ND
E-Fenpyroximate	285 - 2744	ND
Etofenprox	41 - 2702	ND
Etoxazole	300 - 2723	ND
Fenoxycarb	40 - 2752	ND
Fipronil	25 - 2763	ND
Flonicamid	51 - 2752	ND
Fludioxonil	268 - 2721	ND
Hexythiazox	38 - 2724	ND
Imazalil	278 - 2796	ND
Imidacloprid	39 - 2775	ND
Kresoxim-methyl	38 - 2784	ND

	Dynamic Range (ppb)	Result (ppb)
Malathion	280 - 2745	ND
Metalaxyl	39 - 2748	ND
Methiocarb	42 - 2682	ND
Methomyl	40 - 2756	ND
MGK 264 1	183 - 1683	ND
MGK 264 2	116 - 1071	ND
Myclobutanil	26 - 2717	ND
Naled	44 - 2783	ND
Oxamyl	42 - 2744	ND
Paclobutrazol	40 - 2738	ND
Permethrin	282 - 2786	ND
Phosmet	38 - 2733	ND
Prophos	302 - 2688	ND
Propoxur	40 - 2711	ND
Pyridaben	298 - 2729	ND
Spinosad A	29 - 2102	ND
Spinosad D	65 - 670	ND
Spiromesifen	273 - 2741	ND
Spirotetramat	267 - 2765	ND
Spiroxamine 1	17 - 1206	ND
Spiroxamine 2	21 - 1493	ND
Tebuconazole	275 - 2736	ND
Thiacloprid	41 - 2726	ND
Thiamethoxam	41 - 2759	ND
Trifloxystrobin	42 - 2710	ND

Final Approval



Karen Winternheimer
10Aug2023
11:53:00 AM MDT

PREPARED BY / DATE



Sam Smith
10Aug2023
12:34:00 PM MDT

APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000250698

Methods: TM25 (qPCR) TM24, TM26,

TM27 (Culture Plating): Microbial

(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Eden Thompson-Wright
10Aug2023
10:59:00 AM MDT



Brett Hudson
10Aug2023
02:13:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000250699

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.47	ND	
Cadmium	0.05 - 5.41	ND	
Mercury	0.05 - 4.60	ND	
Lead	0.05 - 5.13	ND	

Final Approval



Sam Smith
14Aug2023
10:15:00 AM MDT



Karen Winternheimer
14Aug2023
10:16:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/92280a41-b952-4563-b009-005c10c7b5fd>

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](#).



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