

Prepared for:

VetCS

6834 S University Blvd #225

Centennial, CO USA 80122

**VetCS Medium Breed Dog 1000mg
Bacon-D-KAB0304021**


Batch ID or Lot Number: 103385	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported: 31Jul2023	Started: 29Jul2023	Received: 28Jul2023	

**Heavy Metals -
Colorado Compliance**

Test ID: T000250850

Methods: TM19 (ICP-MS): Heavy


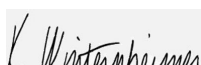
Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.66	ND	
Cadmium	0.05 - 4.55	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.04 - 4.44	ND	

Final Approval
Samantha Smith
31Jul2023
12:41:00 PM MDT
PREPARED BY / DATE
Karen Winternheimer
31Jul2023
12:44:00 PM MDT
APPROVED BY / DATE**Cannabinoids - Colorado
Compliance**

Test ID: T000250847

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

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.006	0.020	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.006	0.019	ND	ND	
Cannabidiol (CBD)	0.020	0.054	3.469	34.69	
Cannabidiolic Acid (CBDA)	0.020	0.055	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.008	0.023	ND	ND	
Cannabigerol (CBG)	0.004	0.012	0.085	0.85	
Cannabigerolic Acid (CBGA)	0.015	0.049	ND	ND	
Cannabinol (CBN)	0.005	0.015	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.010	0.033	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.018	0.058	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.016	0.053	0.134	1.34	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.014	0.047	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.041	ND	ND	
Total Cannabinoids			3.688	36.88	
Total Potential THC			0.134	1.34	
Total Potential CBD			3.469	34.69	

Final Approval
Samantha Smith
02Aug2023
03:00:00 PM MDT
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Karen Winternheimer
02Aug2023
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Pesticides

Test ID: T000250848

Methods: TM17

(LC-QQ LC MS/MS)

Dynamic Range (ppb)

Result (ppb)

Abamectin	405 - 2594	ND
Acephate	38 - 2739	ND
Acetamiprid	41 - 2701	ND
Azoxystrobin	46 - 2690	ND
Bifenazate	42 - 2685	ND
Boscalid	42 - 2763	ND
Carbaryl	38 - 2710	ND
Carbofuran	44 - 2694	ND
Chlorantraniliprole	39 - 2719	ND
Chlorpyrifos	41 - 2733	ND
Clofentezine	294 - 2738	ND
Diazinon	301 - 2710	ND
Dichlorvos	279 - 2725	ND
Dimethoate	43 - 2691	ND
E-Fenpyroximate	308 - 2765	ND
Etofenprox	43 - 2718	ND
Etoxazole	318 - 2725	ND
Fenoxycarb	42 - 2714	ND
Fipronil	51 - 2692	ND
Flonicamid	43 - 2744	ND
Fludioxonil	320 - 2720	ND
Hexythiazox	43 - 2750	ND
Imazalil	296 - 2740	ND
Imidacloprid	42 - 2739	ND
Kresoxim-methyl	44 - 2723	ND

Dynamic Range (ppb)

Result (ppb)

Malathion	303 - 2745	ND
Metalaxyl	43 - 2698	ND
Methiocarb	40 - 2731	ND
Methomyl	39 - 2736	ND
MGK 264 1	185 - 1690	ND
MGK 264 2	112 - 1093	ND
Myclobutanil	30 - 2725	ND
Naled	41 - 2674	ND
Oxamyl	40 - 2747	ND
Paclobutrazol	43 - 2700	ND
Permethrin	307 - 2723	ND
Phosmet	43 - 2685	ND
Prophos	317 - 2737	ND
Propoxur	42 - 2716	ND
Pyridaben	313 - 2703	ND
Spinosad A	30 - 2095	ND
Spinosad D	72 - 666	ND
Spiromesifen	302 - 2737	ND
Spirotetramat	327 - 2733	ND
Spiroxamine 1	17 - 1242	ND
Spiroxamine 2	21 - 1511	ND
Tebuconazole	318 - 2716	ND
Thiacloprid	40 - 2696	ND
Thiamethoxam	39 - 2740	ND
Trifloxystrobin	42 - 2699	ND

Final Approval



Karen Winterheimer
03Aug2023
01:15:00 PM MDT

PREPARED BY / DATE



Sam Smith
03Aug2023
01:18:00 PM MDT

APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000250849

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



Brianne Maillot
03Aug2023
10:24:00 AM MDT

PREPARED BY / DATE



Eden Thompson-Wright
03Aug2023
10:58:00 AM MDT

APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000250851

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	106 - 2110	ND	
Butanes (Isobutane, n-Butane)	207 - 4143	ND	
Methanol	64 - 1284	ND	
Pentane	104 - 2087	ND	
Ethanol	103 - 2060	ND	
Acetone	105 - 2102	ND	
Isopropyl Alcohol	107 - 2132	ND	
Hexane	6 - 130	ND	
Ethyl Acetate	104 - 2090	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	105 - 2108	ND	
Toluene	19 - 379	ND	
Xylenes (m,p,o-Xylenes)	138 - 2770	ND	

Final Approval



Karen Winternheimer
03Aug2023
01:42:00 PM MDT

PREPARED BY / DATE



Sam Smith
03Aug2023
01:46:00 PM MDT

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/487c0d76-697d-410a-b336-4c8012829503>

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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