SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

Prepared for:
VetCS
6834 S University Blvd #225
Centennial, CO USA 80122

051724-VetCS Canine Joint Chewables

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 2
103406	Various	Unit	
Reported:	**Started:**	**Received:**	
24May2024	22May2024	20May2024	

Cannabinoids - Colorado Compliance

Test ID: T000281565
Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis	**LOD** (mg)	**LOQ** (mg)	**Result** (mg)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.024	0.082	ND	ND	# of Servings = 1
Cannabichromenic Acid (CBCA)	0.022	0.075	ND	ND	Sample Weight=2g
Cannabidiol (CBD)	0.077	0.223	12.466	6.23	
Cannabidiolic Acid (CBDA)	0.079	0.229	ND	ND	
Cannabidivarin (CBDV)	0.018	0.053	0.061	0.03	
Cannabidivarinic Acid (CBDVA)	0.033	0.096	ND	ND	
Cannabigerol (CBG)	0.014	0.047	ND	ND	
Cannabigerolic Acid (CBGA)	0.058	0.195	ND	ND	
Cannabinol (CBN)	0.018	0.061	ND	ND	
Cannabinolic Acid (CBNA)	0.040	0.133	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.069	0.232	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.063	0.211	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.056	0.187	ND	ND	
Tetrahydrocannabivarin (THCV)	0.013	0.042	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.049	0.165	ND	ND	
Total Cannabinoids			**12.527**	**6.26**	
Total Potential THC			ND	ND	
Total Potential CBD			12.466	6.23	

Final Approval

Karen Winternheimer
24May2024
12:14:00 PM MDT
PREPARED BY / DATE

Sam Smith
24May2024
12:17:00 PM MDT
APPROVED BY / DATE

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Centennial, CO USA 80122

051724-VetCS Canine Joint Chewables

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Microbial Contaminants - Colorado Compliance

Test ID: T000281566
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
Salmonella	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	$1.0x10^3$ - $1.5x10^5$	<LLOQ	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	

Final Approval

Brett Hudson
24May2024
03:45:00 PM MDT
PREPARED BY / DATE

Brianne Maillot
25May2024
07:56:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/d274fe8f-2169-4ba7-9320-ddcf86566f70

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. 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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