

CERTIFICATE OF ANALYSIS

Prepared for:

VetCS

6834 S University Blvd #225 Centennial, CO USA 80122

VetCS Canine Joint Chewables		Centennial, CO ÚSA 80122		
Batch ID or Lot Number: 103374	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 4	
Reported: 13Jan2023	Started: 12Jan2023	Received: 11Jan2023		

Pesticides

Test ID: T000232553 Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (pp
Abamectin	287 - 2757	ND	Malathion	278 - 2693	ND
Acephate	42 - 2767	ND	Metalaxyl	45 - 2738	ND
Acetamiprid	41 - 2763	ND	Methiocarb	40 - 2736	ND
Azoxystrobin	41 - 2733	ND	Methomyl	38 - 2770	ND
Bifenazate	41 - 2737	ND	MGK 264 1	178 - 1610	ND
Boscalid	42 - 2801	ND	MGK 264 2	123 - 1152	ND
Carbaryl	38 - 2746	ND	Myclobutanil	35 - 2750	ND
Carbofuran	40 - 2721	ND	Naled	45 - 2715	ND
Chlorantraniliprole	37 - 2705	ND	Oxamyl	40 - 2751	ND
Chlorpyrifos	37 - 2780	ND	Paclobutrazol	44 - 2718	ND
Clofentezine	268 - 2721	ND	Permethrin	292 - 2794	ND
Diazinon	275 - 2756	ND	Phosmet	43 - 2737	ND
Dichlorvos	265 - 2778	ND	Prophos	264 - 2718	ND
Dimethoate	39 - 2751	ND	Propoxur	41 - 2723	ND
E-Fenpyroximate	285 - 2784	ND	Pyridaben	285 - 2782	ND
Etofenprox	41 - 2782	ND	Spinosad A	34 - 2219	ND
Etoxazole	285 - 2761	ND	Spinosad D	48 - 500	ND
Fenoxycarb	41 - 2744	ND	Spiromesifen	268 - 2797	ND
Fipronil	43 - 2788	ND	Spirotetramat	283 - 2743	ND
Flonicamid	48 - 2799	ND	Spiroxamine 1	15 - 1173	ND
Fludioxonil	265 - 2757	ND	Spiroxamine 2	17 - 1560	ND
Hexythiazox	48 - 2801	ND	Tebuconazole	275 - 2701	ND
Imazalil	266 - 2735	ND	Thiacloprid	40 - 2765	ND
Imidacloprid	43 - 2766	ND	Thiamethoxam	43 - 2782	ND
Kresoxim-methyl	23 - 2764	ND	Trifloxystrobin	40 - 2742	ND

Final Approval



Karen Winternheimer 13Jan2023 Mtenheimer 09:34:00 AM MST

Sam Smith

Sawantha Smoll 13Jan2023 09:37:00 AM MST

PREPARED BY / DATE

APPROVED BY / DATE



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Microbial **Contaminants** -**Colorado Compliance**

Test ID: T000232554

Methods: TM25 (qPCR) TM24, TM26, 127 (Cul+ hial

TM27 (Culture Plating): Microbial			Quantitation		
(Colorado Panel)	Method	LOD	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	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	-

Final Approval

Buanne Maillot 15Jan2023 PREPARED BY / DATE

Brianne Maillot 10:41:00 AM MST

Eden Thompson

Eden Thompson-Wright 16Jan2023 01:39:00 PM MST

APPROVED BY / DATE



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VetCS Canine Joint Chewables

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Residual Solvents -Colorado Compliance

Test ID: T000232555 Methods: TM04 (GC-MS): Residual			
Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	96 - 1924	ND	
Butanes (lsobutane, n-Butane)	193 - 3867	ND	
Methanol	59 - 1171	ND	
Pentane	97 - 1950	ND	
Ethanol	100 - 2001	ND	
Acetone	97 - 1933	ND	
Isopropyl Alcohol	103 - 2051	ND	
Hexane	6 - 120	ND	
Ethyl Acetate	98 - 1969	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	99 - 1972	ND	
Toluene	18 - 366	ND	
Xylenes (m,p,o-Xylenes)	136 - 2712	ND	

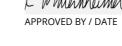
Final Approval

Somenthe Smith 16Jan2023 11:49:00 AM MST

Sam Smith

Karen Winternheimer 16Jan2023 Mtenheimer 11:52:00 AM MST

PREPARED BY / DATE





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Definitions

https://results.botanacor.com/api/v1/coas/uuid/83065297-ee58-43d1-a077-290f1321966c

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-THC *****(0.877)) and Total CBD = (CBD *****(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 by dynamic range of the method) during decarboxylation step. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total PC = 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.

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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Kaycha Labs

VetCS Hemp Joint N/A Matrix: Concentrate



Sample: DE21229004-001

Certificate of Analysis Harvest/Lot ID: 221632 Batch#: 221632 Seed to Sale# 1A4000B00010D25000002415 Batch Date: 12/16/22 Sample Size Received: 25 gram Total Amount: N/A Retail Product Size: N/A gram Ordered : 12/28/22 Sampled : 12/28/22 Completed: 01/03/23 Sampling Method: N/A Jan 03, 2023 | John Ewing Company PASSED License # 405R-00011 Pages 1 of 1 401 North 1st Street La Salle, CO, 80645, US PRODUCT IMAGE SAFETY RESULTS MISC. John good Compa Vetes joint Hg Lot: 221632 0 Pesticides Heavy Metals Microbials Mycotoxins **Residuals Solvents** Filth Water Activity Homogeneity Moisture Terpene Testing NOT TESTED NOT TESTED NC PASSED Cannabinoid **Total THC Total CBD Total Cannabinoids** 0.6752% 0.6972% ND THC-O-ACE TATE EXO-THC CBDC D8-THC CBL CBDVA CBD тнс CBGA CBN D9-THC CBL тнсуа СВС D10-THC CBNA тнса СВСА 0.6752 ND ND ND 0.0157 ND ND ND ND ND ND ND ND ND ND. 0.0063 ND ND ND ND ND ND 0.063 ND 0.157 6.752 ND ma/o 0.0017 0.0014 0.0009 0.0021 0.0031 0.0006 0.0016 0.0044 0.0008 0.0012 0.0025 0.0016 0.0034 0.0029 0.0014 0.0047 0.0026 0.0011 0.0022 0.0021 0.01 0.0059 LOD Analyzed by: 8, 7, 2080 Weight Extraction date Extracted by 1.53780 12/30/22 16:27:13 2721.1642 Analysis Method : SOP-020 (R15) Analytical Batch : DE004662POT Reviewed On: 01/03/23 11:46:29 Instrument Used : Agilent 1100 "Liger' Batch Date : 12/30/22 08:48:53 Running on : N/A Endton: +0 Reagent: 122222.R02; 123122.R01; 122922.R03 Consumables: 426852; HWK-TP3ML; 1346086; 000321053-4; 0000164728; 12571-240CD-240; 41141-130C4-130D; 5079-525C6-525E Pipette: N/A Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with DAD detection (HPLC-UV). Method SOP-022 (R13) for reporting. Lower limit of linearity for all cannabinoids is 1 mo/L

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Dane Oberhill

Lab Director State License # 405R-00011 405-00008 ISO 17025 Accreditation # 4331.01

Signature

01/03/23

Signed On