SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

VetCS Canine Joint Chewables

Batch ID or Lot Number:	Test, Test ID and Methods:	Matrix:	Page 1 of 4
103374	Various	Concentrate	
Reported:	**Started:**	**Received:**	
13Jan2023	12Jan2023	11Jan2023	

Pesticides

Test ID: T000232553
Methods: TM17

(LC-QQ LC MS/MS)	**Dynamic Range** (ppb)	**Result** (ppb)
Abamectin	287 - 2757	ND
Acephate	42 - 2767	ND
Acetamiprid	41 - 2763	ND
Azoxystrobin	41 - 2733	ND
Bifenazate	41 - 2737	ND
Boscalid	42 - 2801	ND
Carbaryl	38 - 2746	ND
Carbofuran	40 - 2721	ND
Chlorantraniliprole	37 - 2705	ND
Chlorpyrifos	37 - 2780	ND
Clofentezine	268 - 2721	ND
Diazinon	275 - 2756	ND
Dichlorvos	265 - 2778	ND
Dimethoate	39 - 2751	ND
E-Fenpyroximate	285 - 2784	ND
Etofenprox	41 - 2782	ND
Etoxazole	285 - 2761	ND
Fenoxycarb	41 - 2744	ND
Fipronil	43 - 2788	ND
Flonicamid	48 - 2799	ND
Fludioxonil	265 - 2757	ND
Hexythiazox	48 - 2801	ND
Imazalil	266 - 2735	ND
Imidacloprid	43 - 2766	ND
Kresoxim-methyl	23 - 2764	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	278 - 2693	ND
Metalaxyl	45 - 2738	ND
Methiocarb	40 - 2736	ND
Methomyl	38 - 2770	ND
MGK 264 1	178 - 1610	ND
MGK 264 2	123 - 1152	ND
Myclobutanil	35 - 2750	ND
Naled	45 - 2715	ND
Oxamyl	40 - 2751	ND
Paclobutrazol	44 - 2718	ND
Permethrin	292 - 2794	ND
Phosmet	43 - 2737	ND
Prophos	264 - 2718	ND
Propoxur	41 - 2723	ND
Pyridaben	285 - 2782	ND
Spinosad A	34 - 2219	ND
Spinosad D	48 - 500	ND
Spiromesifen	268 - 2797	ND
Spirotetramat	283 - 2743	ND
Spiroxamine 1	15 - 1173	ND
Spiroxamine 2	17 - 1560	ND
Tebuconazole	275 - 2701	ND
Thiacloprid	40 - 2765	ND
Thiamethoxam	43 - 2782	ND
Trifloxystrobin	40 - 2742	ND

Final Approval

Karen Winternheimer
13Jan2023
09:34:00 AM MST
PREPARED BY / DATE

Sam Smith
13Jan2023
09:37:00 AM MST
APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000232554
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	$1.0x10^3$ - $1.5x10^5$	None Detected	
Total Coliforms*	TM27: Culture Plating	10^1 CFU/g	$1.0x10^2$ - $1.5x10^4$	None Detected	

Final Approval

Brianne Maillot
15Jan2023
10:41:00 AM MST
PREPARED BY / DATE

Eden Thompson-Wright
16Jan2023
01:39:00 PM MST
APPROVED BY / DATE

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VetCS Canine Joint Chewables

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103374	Various	Concentrate	
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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 (Isobutane, 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

Samantha Smith
Sam Smith
16Jan2023
11:49:00 AM MST
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
16Jan2023
11:52:00 AM MST
APPROVED BY / DATE

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

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.

Cert #4329.02
83065297ee5843d1a077290f1321966c.1

kaycha LABS

879 Federal Blvd
Denver, CO, 80204, US

Kaycha Labs

VetCS Hemp Joint
N/A
Matrix: Concentrate

Certificate of Analysis

Sample:DE21229004-001
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

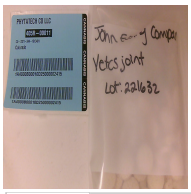
Jan 03, 2023 | John Ewing Company

License # 405R-00011
401 North 1st Street
La Salle, CO, 80645, US

JOHN EWING COMPANY

PASSED

PRODUCT IMAGE



SAFETY RESULTS

Pesticides	Heavy Metals	Microbials	Mycotoxins	Residuals Solvents	Filth	Water Activity	Moisture	Homogeneity Testing
NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

MISC.

Terpenes
NOT TESTED

Cannabinoid

PASSED

Total THC
ND

Total CBD
0.6752%

Total Cannabinoids
0.6972%

	TOTAL 9(R/S)-HHC	CBDV	CBDVA	CBG	CBD	CBDA	THCV	CBGA	CBN	EXO-THC	CBDQ	D9-THC	D8-THC	CBL	THCVA	CBC	D10-THC	CBNA	THCA	CBCA	CBLA	THC-O-ACETATE
%	ND	ND	ND	0.0157	0.6752	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0063	ND	ND	ND	ND	ND	ND
mg/g	ND	ND	ND	0.157	6.752	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.063	ND	ND	ND	ND	ND	ND
LOD	0.01 %	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 %	0.0059 %	0.0047 %	0.0026 %	0.0011 %	0.0022 %	0.0021 %

Analyzed by:
8, 7, 2080

Weight:
1.5378g

Extraction date:
12/30/22 16:27:13

Extracted by:
2721,1642

Analysis Method : SOP-020 (R15)
Analytical Batch : DE004662POT
Instrument Used : Agilent 1100 "Liger"
Running on : N/A

Reviewed On : 01/03/23 11:46:29
Batch Date : 12/30/22 08:48:53

Dilution : 40
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 mg/L.

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

Signature

01/03/23
Signed On