

Prepared for:

VetCS

6834 S University Blvd #225
Centennial, CO USA 80122

030623-Feline 500mg Salmon -HTD060221

Batch ID or Lot Number: 103376	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 09Mar2023	Started: 08Mar2023	Received: 07Mar2023	

Residual Solvents - Colorado Compliance

Test ID: T000237731

Methods: TM04 (GC-MS): Residual


Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	104 - 2081	ND	
Butanes (Isobutane, n-Butane)	215 - 4304	ND	
Methanol	64 - 1274	ND	
Pentane	106 - 2124	ND	
Ethanol	109 - 2174	ND	
Acetone	106 - 2117	ND	
Isopropyl Alcohol	108 - 2170	ND	
Hexane	6 - 127	ND	
Ethyl Acetate	105 - 2098	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	104 - 2079	ND	
Toluene	19 - 379	ND	
Xylenes (m,p,o-Xylenes)	138 - 2753	ND	

Final Approval



Karen Winternheimer
09Mar2023
12:38:00 PM MST

PREPARED BY / DATE



Sam Smith
09Mar2023
12:40:00 PM MST

APPROVED BY / DATE

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Reported:

09Mar2023

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07Mar2023

Pesticides

Test ID: T000237728

Methods: TM17

(LC-QQ LC MS/MS)

Dynamic Range (ppb)

Result (ppb)

Abamectin	287 - 2706	ND
Acephate	42 - 2791	ND
Acetamiprid	42 - 2774	ND
Azoxystrobin	43 - 2724	ND
Bifenazate	45 - 2727	ND
Boscalid	50 - 2758	ND
Carbaryl	41 - 2727	ND
Carbofuran	45 - 2722	ND
Chlorantraniliprole	43 - 2784	ND
Chlorpyrifos	47 - 2894	ND
Clofentezine	279 - 2736	ND
Diazinon	281 - 2750	ND
Dichlorvos	263 - 2763	ND
Dimethoate	44 - 2762	ND
E-Fenpyroximate	288 - 2879	ND
Etofenprox	47 - 2664	ND
Etoxazole	288 - 2838	ND
Fenoxycarb	45 - 2716	ND
Fipronil	47 - 2714	ND
Flonicamid	48 - 2864	ND
Fludioxonil	310 - 2748	ND
Hexythiazox	40 - 2838	ND
Imazalil	273 - 2749	ND
Imidacloprid	44 - 2758	ND
Kresoxim-methyl	43 - 2760	ND

Dynamic Range (ppb)

Result (ppb)

Malathion	287 - 2728	ND
Metalaxyl	42 - 2738	ND
Methiocarb	43 - 2757	ND
Methomyl	43 - 2799	ND
MGK 264 1	168 - 1649	ND
MGK 264 2	118 - 1130	ND
Myclobutanil	36 - 2729	ND
Naled	49 - 2737	ND
Oxamyl	42 - 2801	ND
Paclobutrazol	45 - 2726	ND
Permethrin	292 - 2741	ND
Phosmet	45 - 2684	ND
Prophos	286 - 2754	ND
Propoxur	44 - 2733	ND
Pyridaben	299 - 2820	ND
Spinosad A	36 - 2225	ND
Spinosad D	50 - 520	ND
Spiromesifen	276 - 2878	ND
Spirotetramat	284 - 2742	ND
Spiroxamine 1	19 - 1180	ND
Spiroxamine 2	23 - 1563	ND
Tebuconazole	278 - 2722	ND
Thiacloprid	45 - 2785	ND
Thiamethoxam	42 - 2797	ND
Trifloxystrobin	46 - 2732	ND

Final Approval



Karen Winternheimer

10Mar2023

10:32:00 AM MST

PREPARED BY / DATE



Sam Smith

10Mar2023

10:35:00 AM MST

APPROVED BY / DATE

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Cannabinoids - Colorado

Compliance

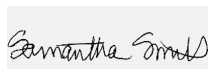
Test ID: T000237727

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

Cannabinoid Analysis

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.007	0.019	<LOQ	<LOQ	
Cannabichromenic Acid (CBCA)	0.006	0.018	ND	ND	
Cannabidiol (CBD)	0.020	0.054	5.305	53.05	
Cannabidiolic Acid (CBDA)	0.021	0.055	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	0.022	0.22	
Cannabidivarinic Acid (CBDVA)	0.009	0.023	ND	ND	
Cannabigerol (CBG)	0.004	0.011	0.145	1.45	
Cannabigerolic Acid (CBGA)	0.016	0.046	ND	ND	
Cannabinol (CBN)	0.005	0.014	0.015	0.15	
Cannabinolic Acid (CBNA)	0.011	0.032	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.019	0.055	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.017	0.050	0.197	1.97	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.015	0.044	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.039	ND	ND	
Total Cannabinoids			5.684	56.84	
Total Potential THC			0.197	1.97	
Total Potential CBD			5.305	53.05	

Final Approval



Sam Smith
10Mar2023
01:57:00 PM MST

PREPARED BY / DATE



Karen Winternheimer
10Mar2023
02:03:00 PM MST

APPROVED BY / DATE

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Microbial Contaminants - Colorado Compliance

Test ID: T000237729

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



Brett Hudson
11Mar2023
02:22:00 PM MST



Eden Thompson-Wright
13Mar2023
04:07:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000237730

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.37	0.21	
Cadmium	0.04 - 4.41	ND	
Mercury	0.04 - 4.03	ND	
Lead	0.04 - 4.32	ND	

Final Approval



Sam Smith
14Mar2023
02:41:00 PM MDT



Karen Winternheimer
14Mar2023
02:44:00 PM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/02cf1dc7-dd7d-44a6-9fba-9a981ea4c8f9>

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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