

Prepared for:
Elixinol LLC

10170 Church Ranch Way, Ste 400
Westminster, CO USA 80021

FGR-316 Dog Drop PO-0054

Batch ID or Lot Number: ELIX.PT10054	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 08Jan2024	Started: 05Jan2024	Received: 05Jan2024	

Microbial Contaminants - Colorado Compliance

Test ID: T000266671
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
08Jan2024
02:48:00 PM MST

PREPARED BY / DATE



Eden Thompson-Wright
08Jan2024
04:28:00 PM MST

APPROVED BY / DATE

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Cannabinoids - Colorado Compliance


Test ID: T000266669


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

Cannabinoid Analysis

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.071	0.209	0.809	0.85	Density = 0.9468g/mL
Cannabichromenic Acid (CBCA)	0.065	0.191	ND	ND	
Cannabidiol (CBD)	0.204	0.535	17.606	18.60	
Cannabidiolic Acid (CBDA)	0.209	0.549	ND	ND	
Cannabidivarin (CBDV)	0.048	0.127	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.087	0.229	ND	ND	
Cannabigerol (CBG)	0.041	0.119	0.228	0.24	
Cannabigerolic Acid (CBGA)	0.169	0.496	ND	ND	
Cannabinol (CBN)	0.053	0.155	0.304	0.32	
Cannabinolic Acid (CBNA)	0.116	0.338	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.202	0.591	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.183	0.537	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.162	0.475	ND	ND	
Tetrahydrocannabivarin (THCV)	0.037	0.108	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.143	0.419	ND	ND	
Total Cannabinoids			18.947	20.01	
Total Potential THC			ND	ND	
Total Potential CBD			17.606	18.60	

Final Approval


Sam Smith
09Jan2024
09:14:00 AM MST
PREPARED BY / DATE


Karen Winternheimer
09Jan2024
09:33:00 AM MST
APPROVED BY / DATE

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Pesticides


Test ID: T000266670

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	329 - 2655	ND		Malathion	275 - 2667	ND
Acephate	41 - 2715	ND		Metalaxyl	44 - 2676	ND
Acetamiprid	43 - 2673	ND		Methiocarb	48 - 2648	ND
Azoxystrobin	43 - 2697	ND		Methomyl	47 - 2702	ND
Bifenazate	43 - 2691	ND		MGK 264 1	163 - 1625	ND
Boscalid	45 - 2600	ND		MGK 264 2	105 - 1081	ND
Carbaryl	40 - 2722	ND		Myclobutanil	34 - 2630	ND
Carbofuran	41 - 2697	ND		Naled	44 - 2671	ND
Chlorantraniliprole	49 - 2615	ND		Oxamyl	43 - 2703	ND
Chlorpyrifos	48 - 2702	ND		Paclobutrazol	39 - 2711	ND
Clofentezine	265 - 2734	ND		Permethrin	274 - 2694	ND
Diazinon	274 - 2680	ND		Phosmet	40 - 2557	ND
Dichlorvos	295 - 2706	ND		Prophos	291 - 2654	ND
Dimethoate	46 - 2650	ND		Propoxur	40 - 2710	ND
E-Fenpyroximate	248 - 2807	ND		Pyridaben	274 - 2673	ND
Etofenprox	43 - 2636	ND		Spinosad A	28 - 2077	ND
Etoxazole	285 - 2599	ND		Spinosad D	59 - 652	ND
Fenoxycarb	41 - 2691	ND		Spiromesifen	261 - 2652	ND
Fipronil	53 - 2694	ND		Spirotetramat	268 - 2724	ND
Flonicamid	54 - 2701	ND		Spiroxamine 1	16 - 997	ND
Fludioxonil	294 - 2617	ND		Spiroxamine 2	27 - 1556	ND
Hexythiazox	41 - 2702	ND		Tebuconazole	286 - 2677	ND
Imazalil	270 - 2704	ND		Thiacloprid	43 - 2685	ND
Imidacloprid	50 - 2717	ND		Thiamethoxam	42 - 2715	ND
Kresoxim-methyl	43 - 2673	ND		Trifloxystrobin	42 - 2714	ND

Final Approval


 Karen Winternheimer
 10Jan2024
 01:03:00 PM MST
 PREPARED BY / DATE


 Sam Smith
 10Jan2024
 01:06:00 PM MST
 APPROVED BY / DATE

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Residual Solvents - Colorado Compliance

Test ID: T000266673


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	83 - 1656	ND	
Butanes (Isobutane, n-Butane)	192 - 3830	ND	
Methanol	65 - 1308	ND	
Pentane	94 - 1887	ND	
Ethanol	94 - 1882	ND	
Acetone	107 - 2139	ND	
Isopropyl Alcohol	109 - 2171	ND	
Hexane	7 - 130	ND	
Ethyl Acetate	109 - 2186	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	108 - 2151	ND	
Toluene	20 - 398	ND	
Xylenes (m,p,o-Xylenes)	141 - 2823	ND	

Final Approval

 Karen Winternheimer
10Jan2024
09:06:00 AM MST

PREPARED BY / DATE

 Sam Smith
10Jan2024
09:10:00 AM MST

APPROVED BY / DATE

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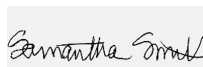
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Heavy Metals - Colorado Compliance

Test ID: T000266672
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.55	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.61	ND	
Lead	0.04 - 4.14	ND	

Final Approval


Samantha Smith
10Jan2024
02:12:00 PM MST
PREPARED BY / DATE



Karen Winternheimer
10Jan2024
02:21:00 PM MST
APPROVED BY / DATE

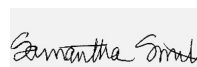
Mycotoxins - Colorado Compliance

Test ID: T000266675
Methods: TM18 (UHPLC-QQQ
LCMS/MS): Mycotoxins

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.91 - 122.37	ND	N/A
Aflatoxin B1	0.95 - 32.49	ND	
Aflatoxin B2	0.99 - 32.26	ND	
Aflatoxin G1	0.95 - 32.58	ND	
Aflatoxin G2	1.02 - 32.81	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Karen Winternheimer
12Jan2024
09:21:00 AM MST
PREPARED BY / DATE


Samantha Smith
12Jan2024
09:23:00 AM MST
APPROVED BY / DATE

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<https://results.botanacor.com/api/v1/coas/uuid/ca6dcb8e-0eb9-488e-9026-622c2d067436>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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