

Prepared for:

Elixinol LLC

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

FGR-115 Nat 500 -ELIX.500MFSO.0060

Batch ID or Lot Number: ELIX.500MFSO.0060	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: 03May2024	Started: 02May2024	Received: 02May2024	

Residual Solvents - Colorado Compliance

Test ID: T000278260

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	73 - 1455	ND	
Butanes (Isobutane, n-Butane)	152 - 3047	ND	
Methanol	60 - 1191	ND	
Pentane	81 - 1627	ND	
Ethanol	87 - 1733	ND	
Acetone	96 - 1917	ND	
Isopropyl Alcohol	102 - 2040	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	99 - 1971	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	91 - 1826	ND	
Toluene	18 - 352	ND	
Xylenes (m,p,o-Xylenes)	126 - 2523	ND	

Final Approval



Karen Winternheimer
03May2024
01:11:00 PM MDT

PREPARED BY / DATE



Phillip Travisano
03May2024
01:14:00 PM MDT

APPROVED BY / DATE

Prepared for:
Elixinol LLC

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

FGR-115 Nat 500 -ELIX.500MFSO.0060

Batch ID or Lot Number: ELIX.500MFSO.0060	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 2 of 5
Reported: 03May2024	Started: 02May2024	Received: 02May2024	

Cannabinoids - Colorado Compliance

Test ID: T000278256

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

Cannabinoid Analysis	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.053	0.181	0.462	0.49	Density = 0.943498g/mL
Cannabichromenic Acid (CBCA)	0.048	0.166	ND	ND	
Cannabidiol (CBD)	0.163	0.466	18.701	19.82	
Cannabidiolic Acid (CBDA)	0.167	0.478	ND	ND	
Cannabidivarin (CBDV)	0.038	0.110	0.116	0.12	
Cannabidivarinic Acid (CBDVA)	0.070	0.199	ND	ND	
Cannabigerol (CBG)	0.030	0.103	0.305	0.32	
Cannabigerolic Acid (CBGA)	0.125	0.430	ND	ND	
Cannabinol (CBN)	0.039	0.134	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.085	0.293	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.149	0.512	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.135	0.465	0.585	0.62	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.120	0.412	ND	ND	
Tetrahydrocannabivarin (THCV)	0.027	0.094	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	0.105	0.364	ND	ND	
Total Cannabinoids			20.169	21.37	
Total Potential THC			0.585	0.62	
Total Potential CBD			18.701	19.82	

Final Approval


Karen Winternheimer
06May2024
11:39:00 AM MDT
PREPARED BY / DATE


Phillip Travisano
06May2024
11:41:00 AM MDT
APPROVED BY / DATE

Prepared for:
Elixinol LLC

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

FGR-115 Nat 500 -ELIX.500MFSO.0060

Batch ID or Lot Number: ELIX.500MFSO.0060	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 3 of 5
Reported: 03May2024	Started: 02May2024	Received: 02May2024	

Microbial Contaminants - Colorado Compliance

Test ID: T000278258
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


Brianne Maillot
05May2024
01:15:00 PM MDT

PREPARED BY / DATE


Brett Hudson
06May2024
11:30:00 AM MDT

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000278259
Methods: TM19 (ICP-MS): Heavy
Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.51	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.64	ND	
Lead	0.01 - 0.64	ND	

Final Approval


Karen Winterheimer
07May2024
05:24:00 PM MDT

PREPARED BY / DATE


Sam Smith
08May2024
01:31:00 PM MDT

APPROVED BY / DATE

Prepared for:
Elixinol LLC

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

FGR-115 Nat 500 -ELIX.500MFSO.0060

Batch ID or Lot Number: ELIX.500MFSO.0060	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 4 of 5
Reported: 03May2024	Started: 02May2024	Received: 02May2024	

Pesticides

Test ID: T000278257

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	346 - 2669	ND		Malathion	298 - 2673	ND
Acephate	37 - 2652	ND		Metalaxyl	39 - 2668	ND
Acetamiprid	44 - 2643	ND		Methiocarb	44 - 2788	ND
Azoxystrobin	42 - 2692	ND		Methomyl	43 - 2692	ND
Bifenazate	41 - 2688	ND		MGK 264 1	172 - 1597	ND
Boscalid	43 - 2728	ND		MGK 264 2	112 - 1093	ND
Carbaryl	40 - 2701	ND		Myclobutanil	36 - 2804	ND
Carbofuran	44 - 2680	ND		Naled	47 - 2680	ND
Chlorantraniliprole	48 - 2738	ND		Oxamyl	45 - 2698	ND
Chlorpyrifos	37 - 2695	ND		Paclobutrazol	42 - 2702	ND
Clofentezine	280 - 2766	ND		Permethrin	304 - 2683	ND
Diazinon	283 - 2702	ND		Phosmet	40 - 2591	ND
Dichlorvos	277 - 2622	ND		Prophos	279 - 2785	ND
Dimethoate	42 - 2636	ND		Propoxur	42 - 2699	ND
E-Fenpyroximate	287 - 2743	ND		Pyridaben	296 - 2697	ND
Etofenprox	43 - 2717	ND		Spinosad A	34 - 2076	ND
Etoxazole	292 - 2606	ND		Spinosad D	70 - 651	ND
Fenoxycarb	43 - 2728	ND		Spiromesifen	280 - 2711	ND
Fipronil	44 - 2814	ND		Spirotetramat	271 - 2766	ND
Flonicamid	41 - 2740	ND		Spiroxamine 1	12 - 1057	ND
Fludioxonil	297 - 2755	ND		Spiroxamine 2	9 - 1645	ND
Hexythiazox	41 - 2705	ND		Tebuconazole	283 - 2695	ND
Imazalil	283 - 2702	ND		Thiacloprid	47 - 2656	ND
Imidacloprid	48 - 2702	ND		Thiamethoxam	40 - 2689	ND
Kresoxim-methyl	41 - 2695	ND		Trifloxystrobin	44 - 2711	ND

Final Approval


Sam Smith
10May2024
09:31:00 AM MDT
PREPARED BY / DATE


Karen Winternheimer
10May2024
09:40:00 AM MDT
APPROVED BY / DATE

Prepared for:
Elixinol LLC

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

FGR-115 Nat 500 -ELIX.500MFSO.0060

Batch ID or Lot Number: ELIX.500MFSO.0060	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 5 of 5
Reported: 03May2024	Started: 02May2024	Received: 02May2024	

Mycotoxins - Colorado Compliance

Test ID: T000278262
Methods: TM18 (UHPLC-QQQ)

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.99 - 125.60	ND	N/A
Aflatoxin B1	0.87 - 32.49	ND	
Aflatoxin B2	0.90 - 32.87	ND	
Aflatoxin G1	0.96 - 32.97	ND	
Aflatoxin G2	1.57 - 33.23	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Karen Winternheimer
13May2024
10:59:00 AM MDT
PREPARED BY / DATE


Sam Smith
13May2024
11:03:00 AM MDT
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/83df4c08-e8a5-49c2-bc0d-c1731d5c1766>

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](#).



Cert #4329.02
83df4c08e8a549c2bc0dc1731d5c1766.1