

Prepared for:

**Elixinol LLC**

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

## FGR-320 - THC Free Tinc - ELIX.500MBSOSP.57

Batch ID or Lot Number: <b>ELIX.500MBSOSP.57</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: <b>16Feb2024</b>	Started: 15Feb2024	Received: 14Feb2024	


### Residual Solvents - Colorado Compliance

Test ID: T000269695


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	84 - 1678	ND	
Butanes (Isobutane, n-Butane)	183 - 3666	ND	
Methanol	64 - 1270	ND	
Pentane	77 - 1540	ND	
Ethanol	87 - 1741	ND	
Acetone	93 - 1867	ND	
Isopropyl Alcohol	106 - 2130	ND	
Hexane	6 - 129	ND	
Ethyl Acetate	105 - 2097	ND	
Benzene	0.2 - 4.1	ND	
Heptanes	91 - 1829	ND	
Toluene	17 - 333	ND	
Xylenes (m,p,o-Xylenes)	123 - 2465	ND	

### Final Approval

 Karen Winternheimer  
16Feb2024  
09:18:00 AM MST

PREPARED BY / DATE

 Sam Smith  
16Feb2024  
09:20:00 AM MST

APPROVED BY / DATE

Prepared for:  
**Elixinol LLC**

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

## FGR-320 - THC Free Tinc - ELIX.500MBSOSP.57

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### Cannabinoids - Colorado Compliance

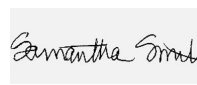
Test ID: T000269690

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

Cannabinoid Analysis	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.060	0.197	0.901	0.96	Density = 0.938805g/mL
Cannabichromenic Acid (CBCA)	0.055	0.180	ND	ND	
Cannabidiol (CBD)	0.186	0.512	18.985	20.22	
Cannabidiolic Acid (CBDA)	0.190	0.525	ND	ND	
Cannabidivarin (CBDV)	0.044	0.121	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.079	0.219	ND	ND	
Cannabigerol (CBG)	0.034	0.112	0.260	0.28	
Cannabigerolic Acid (CBGA)	0.144	0.468	ND	ND	
Cannabinol (CBN)	0.045	0.146	0.338	0.36	
Cannabinolic Acid (CBNA)	0.098	0.320	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.171	0.558	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.155	0.507	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.138	0.449	ND	ND	
Tetrahydrocannabivarin (THCV)	0.031	0.102	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.121	0.396	ND	ND	
<b>Total Cannabinoids</b>			<b>20.484</b>	<b>21.82</b>	
Total Potential THC			ND	ND	
Total Potential CBD			18.985	20.22	

#### Final Approval

  
Karen Winterheimer  
16Feb2024  
09:43:00 AM MST  
PREPARED BY / DATE

  
Sam Smith  
16Feb2024  
09:47:00 AM MST  
APPROVED BY / DATE

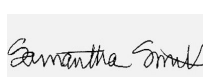
### Heavy Metals - Colorado Compliance

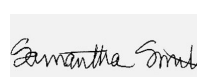
Test ID: T000269694

Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.39	ND	
Cadmium	0.04 - 4.38	ND	
Mercury	0.05 - 4.76	ND	
Lead	0.05 - 4.77	ND	

#### Final Approval

  
Sam Smith  
16Feb2024  
02:58:00 PM MST  
PREPARED BY / DATE

  
Sam Smith  
16Feb2024  
03:48:00 PM MST  
APPROVED BY / DATE

Prepared for:  
**Elixinol LLC**

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Reported: <b>16Feb2024</b>	Started: 15Feb2024	Received: 14Feb2024	

### Mycotoxins - Colorado Compliance

Test ID: T000269697  
Methods: TM18 (UHPLC-QQQ)  
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.36 - 133.06	ND	N/A
Aflatoxin B1	0.95 - 34.21	ND	
Aflatoxin B2	0.98 - 34.01	ND	
Aflatoxin G1	0.98 - 34.24	ND	
Aflatoxin G2	0.98 - 34.47	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

#### Final Approval


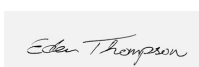
 K Winternheimer PREPARED BY / DATE	Karen Winternheimer 18Feb2024 10:21:00 AM MST	 Samantha Smith APPROVED BY / DATE	Sam Smith 18Feb2024 10:23:00 AM MST
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### Microbial Contaminants - Colorado Compliance

Test ID: T000269693  
Methods: TM25 (qPCR) TM24, TM26,  
TM27 (Culture Plating): Microbial  
(Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

#### Final Approval

 Brett Hudson PREPARED BY / DATE	Brett Hudson 17Feb2024 02:09:00 PM MST	 Eden Thompson-Wright APPROVED BY / DATE	Eden Thompson-Wright 19Feb2024 09:31:00 AM MST
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Prepared for:  
**Elixinol LLC**

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Westminster, CO USA 80021

## FGR-320 - THC Free Tinc - ELIX.500MBSOSP.57

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### Pesticides


Test ID: T000269692

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	298 - 2748	ND		Malathion	288 - 2690	ND
Acephate	40 - 2730	ND		Metalaxyl	41 - 2695	ND
Acetamiprid	41 - 2685	ND		Methiocarb	42 - 2685	ND
Azoxystrobin	44 - 2703	ND		Methomyl	41 - 2765	ND
Bifenazate	43 - 2708	ND		MGK 264 1	159 - 1637	ND
Boscalid	43 - 2663	ND		MGK 264 2	111 - 1064	ND
Carbaryl	42 - 2688	ND		Myclobutanil	36 - 2665	ND
Carbofuran	42 - 2688	ND		Naled	42 - 2657	ND
Chlorantraniliprole	45 - 2679	ND		Oxamyl	41 - 2737	ND
Chlorpyrifos	49 - 2741	ND		Paclobutrazol	44 - 2728	ND
Clofentezine	272 - 2696	ND		Permethrin	290 - 2776	ND
Diazinon	290 - 2697	ND		Phosmet	40 - 2577	ND
Dichlorvos	266 - 2739	ND		Prophos	282 - 2675	ND
Dimethoate	42 - 2678	ND		Propoxur	42 - 2694	ND
E-Fenpyroximate	278 - 2800	ND		Pyridaben	297 - 2691	ND
Etofenprox	43 - 2717	ND		Spinosad A	34 - 2075	ND
Etoxazole	293 - 2631	ND		Spinosad D	67 - 658	ND
Fenoxycarb	42 - 2698	ND		Spiromesifen	268 - 2692	ND
Fipronil	37 - 2786	ND		Spirotetramat	285 - 2786	ND
Flonicamid	42 - 2769	ND		Spiroxamine 1	16 - 1030	ND
Fludioxonil	267 - 2685	ND		Spiroxamine 2	24 - 1613	ND
Hexythiazox	42 - 2738	ND		Tebuconazole	290 - 2686	ND
Imazalil	284 - 2712	ND		Thiacloprid	41 - 2696	ND
Imidacloprid	41 - 2770	ND		Thiamethoxam	42 - 2750	ND
Kresoxim-methyl	45 - 2738	ND		Trifloxystrobin	43 - 2702	ND

### Final Approval

  
Karen Winternheimer  
21Feb2024  
11:47:00 AM MST  
PREPARED BY / DATE

  
Sam Smith  
21Feb2024  
11:48:00 AM MST  
APPROVED BY / DATE


### Cannabinoids

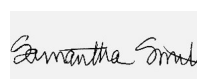
Test ID: T000269691

Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.722	ND	0.00	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.003 - 1.446	ND	0.00	N/A
<b>Total Potential THC</b>	-	<b>ND</b>	<b>0.00</b>	

### Final Approval

  
Karen Winternheimer  
26Feb2024  
12:41:00 PM MST  
PREPARED BY / DATE

  
Sam Smith  
26Feb2024  
12:42:00 PM MST  
APPROVED BY / DATE

Prepared for:  
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<https://results.botanacor.com/api/v1/coas/uuid/ff50a33b-a407-420b-ae35-7a28cddb244d>

**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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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  
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