

Prepared for:  
**Elixinol LLC**

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

## Gummy, Everyday Vitality, EVG.ELIX.FG1.3001

Batch ID or Lot Number: <b>EVG.ELIX.FG1.3001</b>	Test, Test ID and Methods: Various	Matrix: Unit	Page 1 of 5
Reported: <b>13May2023</b>	Started: 11May2023	Received: 11May2023	


## Cannabinoids - Colorado Compliance

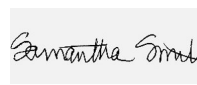
Test ID: T000243717

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.264	0.796	ND	ND	# of Servings = 1 Sample Weight=2.861g
Cannabichromenic Acid (CBCA)	0.241	0.728	ND	ND	
Cannabidiol (CBD)	0.773	2.079	10.377	3.63	
Cannabidiolic Acid (CBDA)	0.792	2.132	ND	ND	
Cannabidivarin (CBDV)	0.183	0.492	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.331	0.889	ND	ND	
Cannabigerol (CBG)	0.150	0.452	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.626	1.889	ND	ND	
Cannabinol (CBN)	0.195	0.590	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.427	1.289	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.746	2.251	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.678	2.044	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.600	1.811	ND	ND	
Tetrahydrocannabivarin (THCV)	0.136	0.411	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.530	1.597	ND	ND	
<b>Total Cannabinoids</b>			<b>10.377</b>	<b>3.63</b>	
Total Potential THC			ND	ND	
Total Potential CBD			10.377	3.63	

### Final Approval

  
Karen Winternheimer  
13May2023  
12:32:00 PM MDT  
PREPARED BY / DATE

  
Sam Smith  
13May2023  
12:34:00 PM MDT  
APPROVED BY / DATE

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### Microbial Contaminants - Colorado Compliance

Test ID: T000243720  
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

  
Brianne Maillot  
14May2023  
01:36:00 PM MDT  
PREPARED BY / DATE


  
Eden Thompson-Wright  
15May2023  
09:18:00 AM MDT  
APPROVED BY / DATE

### Heavy Metals - Colorado Compliance

Test ID: T000243721  
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.78	ND	
Cadmium	0.05 - 4.90	ND	
Mercury	0.05 - 4.85	ND	
Lead	0.01 - 1.44	ND	

#### Final Approval

  
Samantha Smith  
16May2023  
09:21:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
16May2023  
09:26:00 AM MDT  
APPROVED BY / DATE

Prepared for:

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## Gummy, Everyday Vitality, EVG.ELIX.FG1.3001

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## Mycotoxins - Colorado Compliance


Test ID: T000243722

Methods: TM18 (UHPLC-QQQ)

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.62 - 122.51	ND	N/A
Aflatoxin B1	0.91 - 31.10	ND	
Aflatoxin B2	0.91 - 31.34	ND	
Aflatoxin G1	0.97 - 30.94	ND	
Aflatoxin G2	1.00 - 31.64	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

### Final Approval

  
Sam Smith  
17May2023  
09:54:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
17May2023  
09:56:00 AM MDT  
APPROVED BY / DATE


## Cannabinoids

Test ID: T000243718

Methods: TM20 (HPLC-DAD)

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.649	ND	0.00	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.299	ND	0.00	N/A
<b>Total Potential THC</b>	-	<b>ND</b>	<b>0.00</b>	

### Final Approval

  
Sam Smith  
17May2023  
08:43:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
17May2023  
08:45:00 AM MDT  
APPROVED BY / DATE

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## Gummy, Everyday Vitality, EVG.ELIX.FG1.3001

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### Pesticides


Test ID: T000243719

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	287 - 2721	ND		Malathion	280 - 2746	ND
Acephate	42 - 2676	ND		Metalaxyl	42 - 2748	ND
Acetamiprid	40 - 2706	ND		Methiocarb	44 - 2778	ND
Azoxystrobin	40 - 2722	ND		Methomyl	41 - 2741	ND
Bifenazate	41 - 2732	ND		MGK 264 1	171 - 1688	ND
Boscalid	40 - 2717	ND		MGK 264 2	116 - 1076	ND
Carbaryl	38 - 2735	ND		Myclobutanil	48 - 2749	ND
Carbofuran	40 - 2721	ND		Naled	39 - 2757	ND
Chlorantraniliprole	35 - 2741	ND		Oxamyl	41 - 2735	ND
Chlorpyrifos	39 - 2776	ND		Paclobutrazol	40 - 2710	ND
Clofentezine	282 - 2744	ND		Permethrin	298 - 2771	ND
Diazinon	275 - 2730	ND		Phosmet	42 - 2720	ND
Dichlorvos	256 - 2686	ND		Prophos	272 - 2737	ND
Dimethoate	40 - 2705	ND		Propoxur	42 - 2722	ND
E-Fenpyroximate	287 - 2791	ND		Pyridaben	303 - 2724	ND
Etofenprox	41 - 2746	ND		Spinosad A	33 - 2091	ND
Etoazole	305 - 2725	ND		Spinosad D	70 - 671	ND
Fenoxycarb	10 - 2732	ND		Spiromesifen	287 - 2754	ND
Fipronil	31 - 2693	ND		Spirotetramat	267 - 2771	ND
Flonicamid	47 - 2768	ND		Spiroxamine 1	19 - 1199	ND
Fludioxonil	270 - 2725	ND		Spiroxamine 2	25 - 1549	ND
Hexythiazox	42 - 2755	ND		Tebuconazole	281 - 2741	ND
Imazalil	284 - 2751	ND		Thiacloprid	42 - 2674	ND
Imidacloprid	43 - 2757	ND		Thiamethoxam	40 - 2760	ND
Kresoxim-methyl	45 - 2766	ND		Trifloxystrobin	42 - 2709	ND

### Final Approval

  
 Karen Winternheimer  
 18May2023  
 06:53:00 AM MDT  
 PREPARED BY / DATE

  
 Sam Smith  
 18May2023  
 06:56:00 AM MDT  
 APPROVED BY / DATE

## Certificate of Analysis

### Elixinol, LLC

10170 Church Ranch  
Westminster Colorado 80021 United States

<b>Sample Name:</b>	<b>Gummy Everyday Vitality EVG.ELIX.FG1.3001</b>	<b>Eurofins Sample:</b>	<b>12917126</b>
<b>Project ID</b>	ELIXINOL-20230509-0009	<b>Receipt Date</b>	12-May-2023
<b>PO Number</b>	PO-0032	<b>Receipt Condition</b>	Ambient temperature
<b>Lot Number</b>	EVG.ELIX.FG1.3001	<b>Login Date</b>	09-May-2023
<b>Sample Serving Size</b>	1 gummy	<b>Date Started</b>	12-May-2023
<b>Description</b>	Gummy Everyday Vitality EVG.ELIX.FG1.3001	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E027717

Analysis	Result
<b>Calculated Sample Weight *</b>	
Entity Weight	2.7834 g
<b>Enterobacteriaceae Plate Count *</b>	
Enterobacteriaceae	<10 CFU/g
<b>Glyphosate and AMPA</b>	
Glyphosate	<100 ng/g
AMPA	<100 ng/g

Analysis	LOQ	Limit	Result	Pass/Fail
<b>Residual Solvents - Class 1, 2a, 2b and 3</b>				
1,1,1-Trichloroethane	10 ppm	10 ppm	<10 ppm	Pass
1,1-Dichloroethene	8 ppm	8 ppm	<8 ppm	Pass
1,2-Dichloroethane	5 ppm	5 ppm	<5 ppm	Pass
Benzene	2 ppm	2 ppm	<2 ppm	Pass
Carbon Tetrachloride	4 ppm	4 ppm	<4 ppm	Pass
1,2-Dimethoxyethane	100 ppm	100 ppm	<100 ppm	Pass
1,4-Dioxane	380 ppm	380 ppm	<380 ppm	Pass
Acetonitrile	410 ppm	410 ppm	<410 ppm	Pass
Chlorobenzene	360 ppm	360 ppm	<360 ppm	Pass
Chloroform	60 ppm	60 ppm	<60 ppm	Pass
1,2-Dichloroethene	1870 ppm	1870 ppm	<1870 ppm	Pass
Cumene	70 ppm	70 ppm	<70.0 ppm	Pass
Cyclohexane	3880 ppm	3880 ppm	<3880 ppm	Pass
Methanol	3000 ppm	3000 ppm	<3000 ppm	Pass
Methylbutylketone	50 ppm	50 ppm	<50 ppm	Pass
Methylcyclohexane	1180 ppm	1180 ppm	<1180 ppm	Pass
Methylene Chloride	600 ppm	600 ppm	<600 ppm	Pass
n-Hexane	290 ppm	290 ppm	<290 ppm	Pass
Nitromethane	50 ppm	50 ppm	<50 ppm	Pass
Pyridine	200 ppm	200 ppm	<200 ppm	Pass

\* This analysis or component is not ISO accredited.

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<b>Description</b>	Gummy Everyday Vitality EVG.ELIX.FG1.3001	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E027717

Analysis	LOQ	Limit	Result	Pass/Fail
<b>Residual Solvents - Class 1, 2a, 2b and 3</b>				
Tetrahydrofuran	720 ppm	720 ppm	<720 ppm	Pass
Tetralin	96 ppm	96 ppm	<96.0 ppm	Pass
Toluene	890 ppm	890 ppm	<890 ppm	Pass
Trichloroethylene	80 ppm	80 ppm	<80 ppm	Pass
Xylenes(O,M,P + EB)	2170 ppm	2170 ppm	<2170 ppm	Pass
1-Butanol	200 ppm	5000 ppm	<200 ppm	Pass
1-Pentanol	200 ppm	5000 ppm	<200 ppm	Pass
1-Propanol	200 ppm	5000 ppm	<200 ppm	Pass
2-Butanol	200 ppm	5000 ppm	<200 ppm	Pass
Methylethylketone	200 ppm	5000 ppm	<200 ppm	Pass
3-Methyl-1-butanol	200 ppm	5000 ppm	<200 ppm	Pass
Acetic Acid Butyl Ester	200 ppm	5000 ppm	<200 ppm	Pass
Acetone	200 ppm	5000 ppm	<200 ppm	Pass
Anisole	200 ppm	5000 ppm	<200 ppm	Pass
Diethyl Ether	200 ppm	5000 ppm	<200 ppm	Pass
Ethanol	200 ppm	5000 ppm	<200 ppm	Pass
Ethyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Ethyl Formate	500 ppm	5000 ppm	<500 ppm	Pass
2-Methyl-1-propanol	200 ppm	5000 ppm	<200 ppm	Pass
Isobutyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
2-Propanol	200 ppm	5000 ppm	<200 ppm	Pass
Isopropyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Methyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Methylisobutylketone	200 ppm	5000 ppm	<200 ppm	Pass
tert-Butylmethyl Ether	200 ppm	5000 ppm	<200 ppm	Pass
n-Heptane	200 ppm	5000 ppm	<200 ppm	Pass
n-Pentane	200 ppm	5000 ppm	<200 ppm	Pass
Propyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass

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<b>Sample Name:</b>	<b>Gummy Everyday Vitality EVG.ELIX.FG1.3001</b>	<b>Eurofins Sample:</b>	<b>12917126</b>
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<b>PO Number</b>	PO-0032	<b>Receipt Condition</b>	Ambient temperature
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<b>Description</b>	Gummy Everyday Vitality EVG.ELIX.FG1.3001	<b>Sampled</b>	Sample results apply as received
		<b>Online Order</b>	901-2023-E027717

Analysis	LOQ	Limit	Result	Pass/Fail
<b>Residual Solvents - Class 1, 2a, 2b and 3</b>				
Total Class 3 Residual Solvents	5000 ppm	5000 ppm	<5000 ppm	Pass

### Method References

### Testing Location

#### Calculated Sample Weight (PREP)

**Food Integrity Innovation-Madison**  
6304 Ronald Reagan Ave Madison, WI 53704 USA

#### Enterobacteriaceae Plate Count (EBPC)

**EML New Berlin**  
2345 S 170th St New Berlin, WI 53151 USA

Compendium of Methods for the Microbiological Examination of Foods: Enterobacteriaceae, Coliforms, and Escherichia coli as Quality and Safety Indicators, Chapter 8, 4th Edition, 2001.

#### Glyphosate and AMPA (GLY\_AMP\_A\_S)

**Food Integrity Innovation-Madison**  
6304 Ronald Reagan Ave Madison, WI 53704 USA

Internally developed method.

#### Residual Solvents - Class 1, 2a, 2b and 3 (USPR\_S)

**Food Integrity Innovation-Madison**  
6304 Ronald Reagan Ave Madison, WI 53704 USA

United States Pharmacopeia, 38th Rev. - National Formulary 33rd Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015). (Modified).

### Testing Location(s)

### Released on Behalf of Eurofins by

#### Food Integrity Innovation-Madison

**Edward Ladwig - President Eurofins Food Chemistry Testing Madison**

Eurofins Food Chemistry Testing Madison, Inc.  
6304 Ronald Reagan Ave  
Madison WI 53704  
800-675-8375



2918.01

\* This analysis or component is not ISO accredited.

Printed: 24-May-2023 5:42 pm

Page 3 of 4