



10170 Church Ranch Way, ste 400
Westminster, CO 80021
888-804-3504
elixinol.com

January 21st, 2022

Batch 210122 and Batch 210146 of the Sleep Gummies were both made from the same original material at the same time. These results represent both lots despite having different titles. Feel free to reach out with any questions or concerns.

Sincerely,
Brian Shelton
Quality Manager



Prepared for:

Sleep Gummies -210122
Elixinol LLC

Batch ID or Lot Number: 210122	Test: Potency	Reported: 12/29/21	Location: 10170 Church Ranch Way, Ste 400 Westminster, CO 80021
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Matrix: Unit	Test ID: T000184026	Started: 12/28/21	USDA License: N/A
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Status: N/A	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis (Colorado Panel)	Received: 12/22/2021 @ 01:23 PM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.851	3.241	ND	ND	# of Servings = 1 Sample Weight=2.465g
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.961	3.658	ND	ND	
Cannabidiolic acid (CBDA)	1.387	4.124	ND	ND	
Cannabidiol (CBD)	1.353	4.021	16.011	6.49	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	1.058	4.028	ND	ND	
Cannabinolic Acid (CBNA)	0.606	2.307	ND	ND	
Cannabinol (CBN)	0.277	1.055	2.208	0.90	
Cannabigerolic acid (CBGA)	0.888	3.381	ND	ND	
Cannabigerol (CBG)	0.212	0.809	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.751	2.859	ND	ND	
Tetrahydrocannabivarin (THCV)	0.193	0.736	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.579	1.720	ND	ND	
Cannabidivarin (CBDV)	0.320	0.951	ND	ND	
Cannabichromenic Acid (CBCA)	0.342	1.303	ND	ND	
Cannabichromene (CBC)	0.374	1.425	ND	ND	
Total Cannabinoids			18.219	7.39	
Total Potential THC**			ND	ND	
Total Potential CBD**			16.011	6.49	


 Sam Smith
 29-Dec-2021
 08:46 PM


 Ryan Weems
 29-Dec-21
 8:50 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02

Prepared for:

Sleep Gummies -210122
Elixinol LLC

Batch ID or Lot Number: 210122	Test: Microbial Contaminants	Reported: 12/30/21	Location: 10170 Church Ranch Way, Ste 400 Westminster, CO 80021
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Matrix: Finished Product	Test ID: T000184028	Started: 12/27/21	USDA License: N/A
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Status: N/A	Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial (Colorado Panel)	Received: 12/22/2021 @ 01:23 PM	Sampler ID: N/A
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MICROBIAL CONTAMINANTS DETERMINATION

Contaminant	Method	LOD	LLOQ	ULOQ	Result	Notes
Total Aerobic Count*	TM-26, Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected	Free from visual mold, mildew, and foreign matter
Total Coliforms*	TM-27, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
Total Yeast and Mold*	TM-24, Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected	
E. coli (STEC)	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	
Salmonella	TM-25, PCR	1 CFU/25 g	NA	NA	Absent	


 Sarah Henning
 12/30/2021
 2:44:00 PM


 Jackson Osaghae-Nosa
 12/30/2021
 3:10:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation
 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*
 * 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

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CDPHE Certified



Certificate #4329.02

Gobi Hemp

Analytical Report - Certificate of Analysis



Manifest: 2201190004
Sample Id: 1A-GHEMP-2201190004-0001
Sample Name: Mixed Berry Gummy - 210146
Sample Type: Infused (edible)
Client Id: CID-50123
Client: Alliance Nutra
Address: 638 S Taylor Avenue, Suite 500, , Louisville, CO 80027

Test Performed: Hemp Lab
Report No: R-2201190004-V1
Receive Date: 2022-01-19
Test Date: 2022-01-19
Report Date: 2022-01-20
Sample Condition: Good
Method Reference: GH-OP-08

Scope

The content of fifteen residual solvents was determined by an in-house developed method for Headspace-Gas Chromatography with Flame Ionization Detection.

Solvents	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Propane	135	372	ND
Iso-Butane	82	490	ND
N-Butane	107	490	ND
Methanol	38	120	ND
Pentane	73	100	ND
Ethanol	50	200	4148.23
Acetone	82	200	ND
IPA	40	200	ND
Hexane	25	50	ND
Ethyl Acetate	57	200	ND
Benzene	0.65	1	ND
Heptane	137	200	ND
Toluene	75	100	ND
Xylenes	112	200	ND

ND - not detected; T - trace; ULOQ - upper limit of quantitation; LOD - limit of detection; LOQ - limit of quantitation

Laboratory Comments:

2022-01-20

Jerry Hogan - Director of Operations

Date

This report has been prepared by Gobi Hemp Laboratory exclusively for our Client and their Authorized Representatives. All analytical work is conducted in accordance with a mutually agreed upon scope of work and the terms and conditions as expressed in the Gobi Hemp Laboratory Service Agreement. This report is not to be reproduced in whole or in part without prior written approval. The results shown on this report relate only to the samples submitted to the laboratory. Estimated Uncertainty available upon request.



Gobi Hemp
• 3940 Youngfield St. •
• Wheat Ridge CO 80033 •
• ISO/IEC 17025:2017 Accredited •
• (303) 955-4934 •



Prepared for:

Sleep Gummies -210122
Elixinol LLC

Batch ID or Lot Number: 210122	Test: Pesticides	Reported: 12/29/21	Location: 10170 Church Ranch Way, Ste 400 Westminster, CO 80021
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Matrix: Concentrate	Test ID: t000184027	Started: 12/28/21	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 12/22/2021 @ 01:23 PM	Sampler ID: N/A
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PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	40	ND	Fenoxycarb	44	ND	Paclobutrazol	41	ND
Acetamiprid	42	ND	Fipronil	40	ND	Permethrin	301	ND
Avermectin	388	ND	Flonicamid	39	ND	Phosmet	42	ND
Azoxystrobin	44	ND	Fludioxonil	287	ND	Prophos	284	ND
Bifenazate	41	ND	Hexythiazox	38	ND	Propoxur	41	ND
Boscalid	41	ND	Imazalil	291	ND	Pyridaben	299	ND
Carbaryl	34	ND	Imidacloprid	45	ND	Spinosad A	35	ND
Carbofuran	39	ND	Kresoxim-methyl	150	ND	Spinosad D	53	ND
Chlorantraniliprole	46	ND	Malathion	281	ND	Spiromesifen	282	ND
Chlorpyrifos	500	ND	Metalaxyl	44	ND	Spirotetramat	290	ND
Clofentezine	291	ND	Methiocarb	43	ND	Spiroxamine 1	17	ND
Diazinon	282	ND	Methomyl	43	ND	Spiroxamine 2	22	ND
Dichlorvos	292	ND	MGK 264 1	170	ND	Tebuconazole	284	ND
Dimethoate	41	ND	MGK 264 2	115	ND	Thiacloprid	40	ND
E-Fenpyroximate	292	ND	Myclobutanil	38	ND	Thiamethoxam	39	ND
Etofenprox	41	ND	Naled	40	ND	Trifloxystrobin	40	ND
Etoxazole	304	ND	Oxamyl	1500	ND			


 Sam Smith
 12/29/2021
 9:54:00 AM


 Courtney Richards
 12/29/2021
 1:38:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.



Certificate #4329.02

Prepared for:

Sleep Gummies -210122

Elixinol LLC

Batch ID or Lot Number: 210122	Test: Metals	Reported: 12/29/21	Location: 10170 Church Ranch Way, Ste 400 Westminster, CO 80021
Matrix: Unit Co	Test ID: t000184029	Started: 12/28/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals (Colorado Panel)	Received: 12/22/2021 @ 01:23 PM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.047 - 4.65	ND	
Cadmium	0.046 - 4.63	ND	
Mercury	0.046 - 4.63	ND	
Lead	0.047 - 4.66	ND	

 Sam Smith
 29-Dec-21
 5:49 PM

PREPARED BY / DATE

 Ryan Weems
 29-Dec-21
 5:52 PM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02

Prepared for:

Sleep Gummies -210122

Elixinol LLC

Batch ID or Lot Number: 210122	Test: Mycotoxins	Reported: 12/30/21	Location: 10170 Church Ranch Way, Ste 400 Westminster, CO 80021
Matrix: Concentrate	Test ID: T000184031	Started: 12/29/21	USDA License: N/A
Status: N/A	Method: TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins (Colorado Panel)	Received: 12/22/2021 @ 01:23 PM	Sampler ID: N/A

MYCOTOXIN DETERMINATION

Compound	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	2.6 - 134.3	ND	N/A
Aflatoxin B1	1 - 33.4	ND	
Aflatoxin B2	1 - 33.3	ND	
Aflatoxin G1	1 - 33.4	ND	
Aflatoxin G2	1.1 - 32.8	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

 Ryan Weems
30-Dec-21
3:01 PM

PREPARED BY / DATE

 Samantha Smith
Sam Smith
30-Dec-21
3:12 PM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC 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 Botanacor Laboratories, LLC.



CDPHE Certified



Certificate #4329.02

Certificate of Analysis

Elixinol, LLC

10170 Church Ranch
Westminster Colorado 80021 United States

Sample Name:	Sleep Good Night Gummies - 210122	Eurofins Sample:	11236406
Project ID	ELIXINOL-20211209-0049	Receipt Date	10-Dec-2021
PO Number	cvd	Receipt Condition	Cold on Wet Ice or Ice Packs
Lot Number	210122	Login Date	09-Dec-2021
Sample Serving Size	1 Piece	Date Started	13-Dec-2021
		Sampled	Sample results apply as received
		Online Order	13484-1674F839

Analysis

Result

Calculated Sample Weight *

Entity Weight

2.8295 g

Enterobacteriaceae Plate Count *

Enterobacteriaceae

<10 CFU/g

Glyphosate and AMPA

Glyphosate

<100 ng/g

AMPA

<100 ng/g

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_AMPAS)

Food Integrity Innovation-Madison

6304 Ronald Reagan Ave Madison, WI 53704 USA

Monsanto Company Method ME-1466-02, "High Throughput Assay for Glyphosate and AMPA in Raw Agricultural Commodities and Processed Fractions Using LC/MS/MS".

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Madison

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

Edward Ladwig - President Eurofins Food Chemistry Testing Madison



2918.01

* This analysis or component is not ISO accredited.

Printed: 16-Dec-2021 11:02 pm

Page 1 of 2

Certificate of Analysis

Elixinol, LLC

10170 Church Ranch

Westminster Colorado 80021 United States

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.