



PURE HEMP
BOTANICALS

Certificate of Analysis

Product: "Pure Balance" 750mg CBD BS HSO Tincture, 30mL - LA Compliant

Batch Number: 230057

Best By: 10/31/2025

<u>Characteristic</u>	<u>Method</u>	<u>Specification</u>	<u>Result</u>
<i>Strength</i>			
Maximum Total CBD ¹	HPLC	25 - 30 mg/mL	26.5 mg/mL
Maximum Total THC ¹	HPLC	< 0.01%	None Detected
<i>Composition</i>			
Specific Gravity	SG Meter	0.912 - 0.952 @ 20°C	0.928 @ 20°C
<i>Contaminants – Pesticides</i>			
Pesticide Panel (60 Analytes)	GC-MS/LC-MS-MS	USP <561> standards	None detected
<i>Contaminants – Residual Solvents</i>			
Residual Solvent Panel (14 Analytes)	GC-MS/LC-MS	USP <457> standards	None detected
<i>Contaminants – Heavy metals</i>			
Arsenic	ICP-MS	< 1.5 ppm	None detected
Cadmium	ICP-MS	< 0.5 ppm	None detected
Lead	ICP-MS	< 0.5 ppm	None detected
Mercury	ICP-MS	< 1.5 ppm	None detected
<i>Purity – Microbial</i>			
Total Aerobic Microbial Count	Plating	< 10,000 CFU/g	< 100 CFU/g
Total Yeast & Mold	Plating	< 1,000 CFU/g	< 100 CFU/g
Total Coliforms	Plating	< 100 CFU/g	< 100 CFU/g
Shiga-toxin producing <i>Escherichia coli (STEC)</i> - Bacteria	qPCR	Absent/25 g	Absent
<i>Salmonella spp.</i>	qPCR	Absent/25 g	Absent

¹ All cannabinoids in their acid forms (ending in "a") are convertible to their non-acid forms via a decarboxylation process (heating). The THC and CBD maximum values reported are the maximum theoretical amounts of THC and CBD the tested product would have if it were fully decarboxylated.

Approved By: _____

Date: 05.10.23

Specific Gravity Measurement Log

AllianceNutra

Part Number: B251
Batch Number: F230049

Calculated Target SG: 0.928
Acceptable Range: 0.910 - 0.946

Specific Gravity @ 20 C - Trial 1	0.928
Specific Gravity @ 20 C - Trial 2	0.928
Specific Gravity @ 20 C - Trial 3	0.929
Average	0.928 $\bar{3}$

*Used in ALN production lot 230057. AER 5.10.23

Performed By: 

Date: 4.6.23

Approved By: 

Date: 04.06.23



Manifest: 2304070008
Sample ID: 1A-GHEMP-2304070008-0003
Sample Name: 25 mg CBD/mL BS HSO - B251 - F230049
Sample Type: Concentrate
Client ID: CID-50123
Client: Alliance Nutra
Address: 638 S Taylor Avenue, Suite 500, , Louisville, CO 80027

Test Performed: Potency
Report No: P-2304070008-V2
Receive Date: 2023-04-07
Test Date: 2023-04-07
Report Date: 2023-04-12
Sample Condition: Good
Method Reference: GH-OP-06

Scope: The content of 21 cannabinoids was determined by an in-house developed method certified by CDPHE for solvent extraction followed by High Performance Liquid Chromatography with Diode Array Detection.

	percent	mg/g
Total THC	ND	ND
Total CBD	2.85	28.50
Total CBG	0.01	0.10
Total Cannabinoids	2.91	29.10
Total THC:CBD Ratio	NA	

*x(0.92833 $\frac{g}{mL}$) = 26.5 mg CBD/mL
 Used in ALN product AER
 lot 230097. 5.10.23*

Total CBD = CBD + (CBDA x 0.877); Total CBG = CBG + (CBGA x 0.877)
 Total THC = Δ^9 THC + (THCA x 0.877)

Cannabinoids	LOD percent	LOQ percent	percent	mg/g
CBDVA	0.0038	0.0296	ND	ND
CBDV	0.0011	0.0296	0.01	0.10
CBDA	0.0018	0.0296	ND	ND
CBGA	0.0013	0.0296	ND	ND
CBG	0.0036	0.0296	0.01	0.10
CBD	0.0038	0.0296	2.85	28.50
Δ^9 THCV	0.0016	0.0296	ND	ND
Δ^9 THCVA	0.0017	0.0296	ND	ND
CBN	0.0016	0.0296	0.02	0.20
CBNA	0.0026	0.0296	ND	ND
EXO-THC	0.0051	0.0296	ND	ND
Δ^9 THC	0.0025	0.0296	ND	ND
Δ^8 THC	0.0044	0.0296	ND	ND
Δ^{10} -S THC	0.0019	0.0296	ND	ND
CBL	0.0045	0.0296	ND	ND
Δ^{10} -R THC	0.0011	0.0296	ND	ND
CBC	0.0005	0.0296	ND	ND
Δ^9 THCA	0.002	0.0296	ND	ND
CBCA	0.0038	0.0296	ND	ND
CBLA	0.0038	0.0296	ND	ND
CBT	0.0018	0.0296	0.02	0.20

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

Lab Comments: Δ^9 -THC Uncertainty = +/- 0.002%

2023-04-12

Michael McNulty Lead Analyst

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. Only cannabinoids included in the table above are ISO/IEC 17025:2017 accredited.

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



Certificate of Analysis

Elixinol, LLC

555 Burbank Street
Unit J

Broomfield Colorado 80020 United States

**Used in ALN Production lot 230057 bn 5/10/23*

Sample Name:	960011 ALN Lot R220107 - R150	Eurofins Sample:	8569389
Project ID	ELIXINOL-20190624-0049	Receipt Date	11-Jun-2019
PO Number	Charge/AMEX	Receipt Condition	Ambient temperature
Lot Number	960011	Login Date	24-Jun-2019
Sample Serving Size		Date Started	25-Jun-2019
Description	EFII-BOU-19-3086		

Analysis

Result

Metals Analysis by ICP-MS

Arsenic	<0.273 ppm
Cadmium	<0.0682 ppm
Lead	<0.0682 ppm
Mercury	<0.0341 ppm

Multi-Residue Analysis for hemp products - 60+ compounds

Matrix Type - To Determine Limit of Quantification (LOQ)

Spices - Botanicals - and other
Specialty Samples

Abamectin	<0.05 mg/kg
Aldicarb	<0.05 mg/kg
Aldicarb sulfone (Aldoxycarb)	<0.05 mg/kg
Aldicarb sulfoxide	<0.05 mg/kg
Azoxystrobin	<0.05 mg/kg
Bifenazate	<0.05 mg/kg
Bifenthrin	<0.05 mg/kg
Carbaryl	<0.05 mg/kg
Carbofuran	<0.05 mg/kg
Carbofuran-3-hydroxy-	<0.05 mg/kg
Chlorantraniliprole	<0.05 mg/kg
Chlordane, cis-	<0.05 mg/kg
Chlordane, trans-	<0.05 mg/kg
Chlorfenapyr	non-analyzable
Chlorpyrifos	<0.05 mg/kg
Coumaphos	<0.05 mg/kg
Cyfluthrin	non-analyzable
Cypermethrin	non-analyzable
Cyproconazole (2 diastereoisomers)	<0.05 mg/kg
Cyprodinil	<0.05 mg/kg
Dichlorvos	<0.05 mg/kg
Diclobutrazol	<0.05 mg/kg

Certificate of Analysis

Elixinol, LLC

555 Burbank Street
Unit J
Broomfield Colorado 80020 United States

Sample Name:	960011	Eurofins Sample:	8569389
Project ID	ELIXINOL-20190624-0049	Receipt Date	11-Jun-2019
PO Number	Charge/AMEX	Receipt Condition	Ambient temperature
Lot Number	960011	Login Date	24-Jun-2019
Sample Serving Size		Date Started	25-Jun-2019
Description	EFII-BOU-19-3086		

Analysis

Multi-Residue Analysis for hemp products - 60+ compounds

	Result
Dipropetryn	<0.05 mg/kg
Disulfoton	<0.05 mg/kg
Endosulfan I (alpha-isomer)	<0.05 mg/kg
Endosulfan II (beta-isomer)	<0.05 mg/kg
Endosulfan sulfate	<0.05 mg/kg
Epoxiconazole	<0.05 mg/kg
Ethiofencarb	<0.05 mg/kg
Etofenprox	<0.05 mg/kg
Etoxazole	<0.05 mg/kg
Fenoxycarb	<0.05 mg/kg
Fenpropathrin	<0.05 mg/kg
Fenvalerate/Esfenvalerate (sum of isomers)	<0.05 mg/kg
Fipronil	<0.05 mg/kg
Fipronil desulfinyl	<0.05 mg/kg
Fipronil sulfone	<0.05 mg/kg
Imazalil	<0.05 mg/kg
Imidacloprid	<0.05 mg/kg
Malathion	<0.05 mg/kg
Methiocarb	<0.05 mg/kg
Methiocarb sulfone	<0.05 mg/kg
Methiocarb sulfoxide	<0.05 mg/kg
Methomyl	<0.05 mg/kg
Metolachlor	0.046 mg/kg
Mevinphos (E- and Z-isomers)	<0.05 mg/kg
Myclobutanil	<0.05 mg/kg
Naled (Dibrom)	<0.05 mg/kg
Paclobutrazol	<0.05 mg/kg
Permethrin (sum of isomers)	<0.05 mg/kg

Certificate of Analysis

Elixinol, LLC

555 Burbank Street
Unit J
Broomfield Colorado 80020 United States

Sample Name:	960011	Eurofins Sample:	8569389
Project ID	ELIXINOL-20190624-0049	Receipt Date	11-Jun-2019
PO Number	Charge/AMEX	Receipt Condition	Ambient temperature
Lot Number	960011	Login Date	24-Jun-2019
Sample Serving Size		Date Started	25-Jun-2019
Description	EFII-BOU-19-3086		

Analysis	Result
Multi-Residue Analysis for hemp products - 60+ compounds	
Propoxur	<0.05 mg/kg
Pyrethrum (total)	<0.50 mg/kg
Spinetoram (spinosyns J and L)	<0.05 mg/kg
Spinosad (spinosyns A and D)	<0.05 mg/kg
Spirodiclofen	<0.05 mg/kg
Spiromesifen	<0.05 mg/kg
Spiromesifen enol	<0.05 mg/kg
Spirotetramat	<0.05 mg/kg
Spiroxamine (2 diastereoisomers)	<0.05 mg/kg
Tebuconazole	<0.05 mg/kg
Thiabendazole	<0.05 mg/kg
Thiabendazole-5-hydroxy-	<0.05 mg/kg
Thiacloprid	<0.05 mg/kg
Trifloxystrobin	<0.05 mg/kg

Method References	Testing Location
Metals Analysis by ICP-MS (ICP_MS_B_S)	Food Integrity Innovation-Boulder
Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994.	
"Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version.	
Multi-Residue Analysis for hemp products - 60+ compounds (PEST_HEMP)	Food Integ. Innovation-Greenfield

Certificate of Analysis

Elixinol, LLC

555 Burbank Street
Unit J
Broomfield Colorado 80020 United States

Method References

Testing Location

Multi-Residue Analysis for hemp products - 60+ compounds (PEST_HEMP)

Food Integ. Innovation-Greenfield

Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).

CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.

List of the tested pesticides and their limits of quantification (LOQs) are available upon request.

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Boulder

Eurofins Food Chemistry Testing US, Inc.
2830 Wilderness Pl
Boulder CO 80301
800-675-8375



Ian Laessig - Manager

AT-1816

Food Integ. Innovation-Greenfield

Eurofins Food Chemistry Testing US, Inc.
671 S. Meridian Road
Greenfield IN 46140
800-675-8375



Karelyn Koehn - Manager

2918.06

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.

Gobi Hemp

Analytical Report - CDPHE Certified Certificate of Analysis



Manifest: 2208310012
Sample Id: 1A-GHEMP-2208310012-0004
Sample Name: CBD Distillate BS - R150 - R220107
Sample Type: Concentrate *Use in ALN production lot 230057
Client Id: CID-50123
Client: Alliance Nutra
Address: 638 S Taylor Avenue, Suite 500, , Louisville, CO 80027

Test Performed: Hemp Lab
Report No: R-2208310012-V1
Receive Date: 2022-08-31
Test Date: 2022-09-02
Report Date: 2022-09-06
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	ND
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:

2022-09-06

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 •



Gobi Hemp

Analytical Report - CDPHE Certified Certificate of Analysis



Manifest: 2208310012
Sample Id: 1A-GHEMP-2208310012-0004
Sample Name: CBD Distillate BS - R150 - R220107
Sample Type: Concentrate **Used in ALN production batch 230057
on 5/10/23*
Client Id: CID-50123
Client: Alliance Nutra
Address: 638 S Taylor Avenue, Suite 500, , Louisville, CO 80027

Test Performed: Hemp Lab
Intended Use: Inhaled or Audited Product
Report No: MT-2208310012-V1
Receive Date: 2022-08-31
Test Date: 2022-09-02
Report Date: 2022-09-03
Sample Condition: Good
Method Reference: GH-OP-17

Scope

Arsenic, Cadmium, Lead and Mercury were determined by an Inductively Coupled Plasma Mass Spectrometer (ICP-MS) using an in-house developed method.

Metals	LOD (ppm)	LOQ (ppm)	Parts Per Million (ppm)
Arsenic	0.007	0.025	ND
Cadmium	0.003	0.010	ND
Lead	0.003	0.010	ND
Mercury	0.0009	0.003	ND

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

Laboratory Comments:

Jerry Hogan - Director of Operations

2022-09-03

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. Sample(s) tested at Gobi Analytical.



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



Gobi Hemp

Microbial Contaminant Report - Certificate of Analysis



Manifest: 2305030006
Sample ID: 1A-GHEMP-2305030006-0001
Sample Name: PHB 750 mg CBD TBS Tincture - 30 mL - LA - P730 - 230057
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: M-2305030006-V1
Receive Date: 2023-05-03
Test Date: 2023-05-05
Report Date: 2023-05-10
Sample Condition: Good
Method Reference: MBH-OP-02, MBH-OP-03, MBH-OP-05, MBH-OP-10, MBH-OP-11

Scope: Contaminant testing for the identified pathogens *Salmonella spp.* and *Shiga Toxin Virulence Genes, O26,O45, O103, O111, O121, O145 and O157:H7 serogroups of Escherichia coli (STEC)* was performed through Polymerase Chain Reaction (PCR) presumptive experimentation, and confirmed through cultural methodology where applicable. Results for *Salmonella spp.* and STEC are represented as a negative or positive determination, a negative result indicating no detection of the respective contaminant.

Total Yeast and Mold Count (TYMC)/Total Aerobic Count(TAC)/Total Coliform Count (TCC) were determined through 3M™ Petrifilm™ plating technology. The TYMC/TAC/TCC is represented as a count in colony forming units per gram (cfu/g).

Microbial Contaminants	Results
<i>Salmonella spp.</i>	ND
STEC	ND
Total Yeast and Mold	<100 CFU/g
Total Aerobic	<100 CFU/g
Total Coliform	<100 CFU/g

STEC - shiga toxin-producing *Escherichia coli*; TYMC - total yeast and mold count; TAC - Total Aerobic Count; TCC - Total Coliform Count; NT - Not Tested; *CDPHE Certified Result

Lab Comments:

Jon Person Director of Communication

2023-05-10
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 •

