



## Certificate of Analysis

**Product:** PHBO-0034 3,000 mg Tincture - Full Spectrum LA Compliant

**Batch Number:** 676071

**Best-By Date:** 06/30/23

<u>Characteristic</u>	<u>Method</u>	<u>Specification</u>	<u>Result</u>	<u>Pass/ Fail</u>
<i>Identity</i>				
Color & Appearance	Visual	Tinted oily liquid	Complies	Pass
Odor	Organoleptic	Hemp characteristic	Complies	Pass
Taste	Organoleptic	Neutral to bitter	Complies	Pass
<i>Strength - Cannabinoids</i>				
Maximum Total CBD <sup>1</sup>	HPLC	3,000.0 - 3,600.0 mg/unit	3,163.8 mg/unit	Pass
Maximum Total THC <sup>1</sup>	HPLC	Detected; < 0.30%	0.09%	Pass
CBDa	HPLC	Report Result	Not Detected	N/A
CBG	HPLC	Report Result	0.09%	N/A
CBD	HPLC	Report Result	11.30%	N/A
CBN	HPLC	Report Result	Trace	N/A
THC	HPLC	Report Result	0.09%	N/A
CBC	HPLC	Report Result	Not Detected	N/A
THCa	HPLC	Report Result	Not Detected	N/A
<i>Contaminants – Residual Solvents</i>				
Acetone	GC-FID	< 1,000 ppm	Complies	Pass
Butanes	GC-FID	< 1,000 ppm	Complies	Pass
Ethanol	GC-FID	< 1,000 ppm	Complies	Pass
Heptanes	GC-FID	< 1,000 ppm	Complies	Pass
Isopropyl Alcohol	GC-FID	< 1,000 ppm	Complies	Pass
Propane	GC-FID	< 1,000 ppm	Complies	Pass
Benzene	GC-FID	< 2 ppm	Complies	Pass
Toluene	GC-FID	< 180 ppm	Complies	Pass
Pentane	GC-FID	< 1,000 ppm	Complies	Pass
Hexane	GC-FID	< 60 ppm	Complies	Pass
Total Xylenes (m, p, o-xylenes)	GC-FID	< 430 ppm	Complies	Pass
Methanol	GC-FID	< 600 ppm	Complies	Pass
Ethyl Acetate	GC-FID	< 1,000 ppm	Complies	Pass



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### Contaminants – Pesticides

Abamectin	LC-MS-MS	Not Detected	Complies	Pass
Azoxystrobin	LC-MS-MS	Not Detected	Complies	Pass
Bifenazate	LC-MS-MS	Not Detected	Complies	Pass
Etoazazole	LC-MS-MS	Not Detected	Complies	Pass
Imazalil	LC-MS-MS	Not Detected	Complies	Pass
Imidacloprid	LC-MS-MS	Not Detected	Complies	Pass
Malathion	LC-MS-MS	Not Detected	Complies	Pass
Myclobutanil	LC-MS-MS	Not Detected	Complies	Pass
Permethrins	LC-MS-MS	Not Detected	Complies	Pass
Spinosad (A & D)	LC-MS-MS	Not Detected	Complies	Pass
Spiromesifen	LC-MS-MS	Not Detected	Complies	Pass
Spirotetramat	LC-MS-MS	Not Detected	Complies	Pass
Tebuconazole	LC-MS-MS	Not Detected	Complies	Pass

### Contaminants - Heavy Metals

Arsenic	USP <233>	< 10.00 µg/day	0.135 µg/day	Pass
Cadmium	USP <233>	< 4.10 µg/day	< 0.003 µg/day	Pass
Lead	USP <233>	< 0.50 µg/day	0.011 µg/day	Pass
Mercury	USP <233>	< 0.30 µg/day	< 0.003 µg/day	Pass

### Microbial Purity

Total Aerobic Microbial Count	USP <2021>	< 3,000 CFU/g	< 10 CFU/g	Pass
Total Yeast & Mold Count	USP <2021>	< 300 CFU/g	< 10 CFU/g	Pass
<i>E. coli</i>	USP <2022>	Absent/10 g	Absent/10 g	Pass
<i>Salmonella spp.</i>	USP <2022>	Absent/10 g	Absent/10 g	Pass
<i>Staphylococcus aureus</i>	USP <2022>	Absent/10 g	Absent/10 g	Pass

<sup>1</sup> 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: Dylan C Neal

Date: 01/21/2021

**Manifest:** 2101070002  
**Sample Id:** 1A-GHEMP-2101070002-0001  
**Sample Name:** FG-00-1003-PHBO-0034 676071  
**Sample Type:** Infused (edible)  
**Client Id:** CID-00273  
**Client:** Elite Health Partners  
**Address:** 5455 Spine Rd Suite E, Boulder, CO 80301

**Test Performed:** Hemp Lab  
**Report No:** P-2101070002-V3  
**Receive Date:** 2021-01-07  
**Test Date:** 2021-01-11  
**Report Date:** 2021-01-11  
**Sample Condition:** Good  
**Method Reference:** GH-OP-06

### Scope

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

Cannabinoids	mg/unit	mg/gram
CBDV	11.29	0.40
CBDA	ND	ND
CBGA	ND	ND
CBG	25.11	0.90
CBD	3163.76	112.99
THCV	ND	ND
CBN	T	T
Δ9-THC	24.25	0.87
CBC	ND	ND
THCA	ND	ND
CBDVA	ND	ND
THCVA	ND	ND
CBNA	ND	ND
Δ8-THC	ND	ND
CBL	T	T
CBCA	ND	ND

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

	mg/unit	mg/gram
Total Δ9-THC	24.25	0.87
Total CBD	3163.76	112.99
Total CBG	25.11	0.90
Total Cannabinoids	3224.42	115.16

Total Δ9-THC = Δ9-THC + (THCA x 0.877)  
 Total CBD = CBD + (CBDA x 0.877)  
 Total CBG = CBG + (CBGA x 0.877)

Net Weight (g)
28.00

Laboratory Comments:  
 delta-9 THC LOQ = 0.007%



Jon Person Client Relations Manager

2021-01-11

Date

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



## PHBO 3,000 mg FS Tincture - LA Compliant

Batch ID:	676071	Test ID:	T000118798
Type:	Concentrate	Submitted:	01/12/2021 @ 12:04 PM
Test:	Residual Solvents	Started:	1/15/2021
Method:	TM04	Reported:	1/15/2021

## RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	101 - 2021	*ND
Butanes (Isobutane, n-Butane)	192 - 3833	*ND
Methanol	54 - 1086	*ND
Pentane	94 - 1879	*ND
Ethanol	97 - 1937	*ND
Acetone	93 - 1864	*ND
Isopropyl Alcohol	95 - 1903	*ND
Hexane	6 - 113	*ND
Ethyl Acetate	94 - 1875	*ND
Benzene	0.2 - 3.5	*ND
Heptanes	93 - 1856	*ND
Toluene	17 - 336	*ND
Xylenes (m,p,o-Xylenes)	122 - 2432	*ND

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


## NOTES:

N/A

## FINAL APPROVAL

  
Ryan Weems  
15-Jan-2021  
4:10 PM

PREPARED BY / DATE

  
Greg Zimpfer  
15-Jan-2021  
4:15 PM

APPROVED BY / DATE

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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



Certificate #4329.02

**PHBO 3,000 mg FS Tincture - LA Compliant**

<b>Batch ID:</b>	676071	<b>Test ID:</b>	T000118799
<b>Type:</b>	Concentrate	<b>Submitted:</b>	01/12/2021 @ 12:04 PM
<b>Test:</b>	Pesticides	<b>Started:</b>	1/13/2021
<b>Method:</b>	TM17	<b>Reported:</b>	1/15/2021


**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	63 - 2573	ND*	Malathion	306 - 2573	ND*
Acetamiprid	49 - 2573	ND*	Metaxyl	44 - 2573	ND*
Abamectin	>326	ND*	Methiocarb	44 - 2573	ND*
Azoxystrobin	50 - 2573	ND*	Methomyl	48 - 2573	ND*
Bifenazate	42 - 2573	ND*	MGK 264 1	169 - 2573	ND*
Boscalid	47 - 2573	ND*	MGK 264 2	117 - 2573	ND*
Carbaryl	46 - 2573	ND*	Myclobutanil	39 - 2573	ND*
Carbofuran	46 - 2573	ND*	Naled	47 - 2573	ND*
Chlorantraniliprole	42 - 2573	ND*	Oxamyl	46 - 2573	ND*
Chlorpyrifos	44 - 2573	ND*	Paclobutrazol	43 - 2573	ND*
Clofentezine	298 - 2573	ND*	Permethrin	293 - 2573	ND*
Diazinon	294 - 2573	ND*	Phosmet	47 - 2573	ND*
Dichlorvos	>305	ND*	Prophos	322 - 2573	ND*
Dimethoate	46 - 2573	ND*	Propoxur	45 - 2573	ND*
E-Fenpyroximate	302 - 2573	ND*	Pyridaben	306 - 2573	ND*
Etofenprox	45 - 2573	ND*	Spinosad A	31 - 2573	ND*
Etoxazole	314 - 2573	ND*	Spinosad D	78 - 2573	ND*
Fenoxycarb	>47	ND*	Spiromesifen	>288	ND*
Fipronil	67 - 2573	ND*	Spirotetramat	>279	ND*
Flonicamid	59 - 2573	ND*	Spiroxamine 1	20 - 2573	ND*
Fludioxonil	>314	ND*	Spiroxamine 2	25 - 2573	ND*
Hexythiazox	45 - 2573	ND*	Tebuconazole	274 - 2573	ND*
Imazalil	264 - 2573	ND*	Thiacloprid	46 - 2573	ND*
Imidacloprid	51 - 2573	ND*	Thiamethoxam	52 - 2573	ND*
Kresoxim-methyl	47 - 2573	ND*	Trifloxystrobin	48 - 2573	ND*


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

N/A

**FINAL APPROVAL**

  
 Sam Smith  
 15-Jan-2021  
 9:01 AM

PREPARED BY / DATE

  
 Ben Minton  
 15-Jan-2021  
 12:32 PM

APPROVED BY / DATE

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## **Test Certificate**

Description: 3,00 mg FS Tincture - LA

Sample ID: 676071

Lot No:

Location:

Received: 1/13/2021

Completed: 1/20/2021

Client: Dylan Neal

Anthology Brands

1026 S Williams Street

Denver, CO 90209

United States

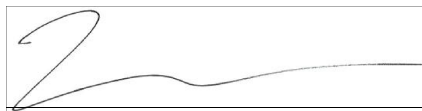
Lab No: 209137-01

Analysis	Result	Per Unit	Specifications	Method
Mercury	<0.003	mcg/3ml	< 0.3 mcg/3ml	ICP-MS USP <730>
Lead	0.011	mcg/3ml	< 0.5 mcg/3ml	ICP-MS USP <730>
Arsenic	0.135	mcg/3ml	< 10 mcg/3ml	ICP-MS USP <730>
Cadmium	<0.003	mcg/3ml	< 4.1 mcg/3ml	ICP-MS USP <730>

**THESE RESULTS APPLY ONLY TO THE SAMPLE SUBMITTED AND NOT TO THE PRODUCT FROM WHICH IT WAS TAKEN. THESE RESULTS ARE PROVIDED ONLY FOR THE BENEFIT OF CLIENT, WITHOUT REPRESENTATION OR WARRANTY OF ANY KIND, EXCEPT FOR THE EXPRESS LIMITED WARRANTY PROVIDED SOLELY TO CLIENT IN ADVANCED LABORATORIES' TERMS OF SERVICE.**

**THIS CERTIFICATE SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT WRITTEN APPROVAL FROM ADVANCED LABORATORIES.**

Results Approved By:

  
John Bergamini-Quality Technician

Dated:

1/20/2021

Printed: 1/20/2021 3:41:38 PM



## Test Certificate

Description: PHBO - 3000mg CBD FSH Per 30.00 ml Refined Hemp  
Sample ID: 119.10BPRINS676071-S4  
Lot No: 676071  
Location:  
Received: 1/13/2021  
Completed: 1/19/2021

Client: AP  
Elite Health Partners  
5455 Spine Rd  
Boulder, CO 80301  
US

Lab No: 209135-01

Analysis	Result	Per Unit	Specifications	Method
Total Aerobic Microbial Count	<10	CFU/g	Report	USP <2021>
Coliform	<10	CFU/g	Report	AOAC 991.14
E.Coli	Absent	per 10 grams	Report	USP <2022>
Staphylococcus aureus	Absent	per 10 grams	Report	USP <2022>
Salmonella	Absent	per 10 grams	Report	USP <2022>
Total Yeast & Mold	<10	CFU/g	Report	USP <2021>
Yeast *	<10	CFU/g	Report	USP <2021>
Mold *	<10	CFU/g	Report	USP <2021>

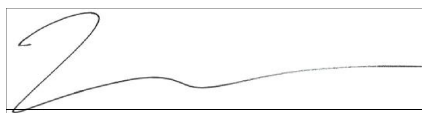
\* For informational purposes only.

PHBO - 3000mg CBD FSH Per 30.00 ml Refined Hemp Seed Oil (Unflavored) - Louisiana /  
119.10BPRINS676071

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Results Approved By:

  
John Bergamini-Quality Technician

Dated: 1/19/2021

Printed: 1/19/2021 9:30:34 AM

