



Certificate of Analysis

Product: PHBO-0068 PHB Tincture 750 mg CBD Broad Spectrum -LA
Compliant

Batch Number: 350007

Characteristic	Instrument	Specification	Result	Pass/ Fail/ N/ A
Identity				
Color & Appearance	Visual	Golden tinted oily liquid	Complies	Pass
Odor	Organoleptic	Characteristic of standard	Complies	Pass
Taste	Organoleptic	Neutral to bitter	Complies	Pass
Composition				
Density	Density Meter	0.908 -0.955 g/ml	Complies	Pass
Fill Volume	In-Process Verification	30.0 -31.5 ml/bottle	Complies	Pass
Strength -Cannabinoids				
Total CBD1	HPLC	750.0 -1,020.0 mg/bottle	864.1 mg/bottle"	Pass
Total THC1	HPLC	Not Detected	Not Detected ⁴	Pass
CBDa	HPLC	Report Result	Not Detected ⁴	N/A
CBG	HPLC	Report Result	0.03% ⁴	N/A
CBD	HPLC	Report Result	3.10% ⁴	N/A
CBN	HPLC	Report Result	0.02% ⁴	N/A
THC	HPLC	Report Result	Not Detected ⁴	N/A
CBC	HPLC	Report Result	0.03% ⁴	N/A
THCa	HPLC	Report Result	Not Detected ⁴	N/A
Contaminants Residual Solvents				
Acetone	GC-FID	< 1,000 ppm	Complies ⁴	Pass
Butanes	GC-FID	< 1,000 ppm	Complies ⁴	Pass
Ethanol	GC-FID	< 1,000 ppm	Complies ⁴	Pass
Heptanes	GC-FID	< 1,000 ppm	Complies ⁴	Pass
Isopropyl Alcohol	GC-FID	< 1,000 ppm	Complies ⁴	Pass
Propane	GC-FID	< 1,000 ppm	Complies ⁴	Pass
Benzene	GC-FID	< 2 ppm	Complies ⁴	Pass
Toluene	GC-FID	< 180 ppm	Complies ⁴	Pass
Pentane	GC-FID	< 1,000 ppm	Complies ⁴	Pass
Hexane	GC-FID	< 60 ppm	Complies ⁴	Pass
Total Xylenes (m,p,o-xylenes)	GC-FID	< 430 ppm	Complies ⁴	Pass
Methanol	GC-FID	< 600 ppm	Complies ⁴	Pass
Ethyl Acetate	GC-FID	< 1,000 ppm	Complies ⁴	Pass



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Batch Number: 350007

Characteristic	Instrument	Specification	Result	Pass/ Fail/ N/A
Contaminants-Pesticides				
Abamectin (avermectins: Bla & Blb) Azoxystro bin Bifenazate	GC-MS / LC-MS	< 0.07 ppm	Complies ⁴	Pass
Etoxazole Imazalil Imidacloprid	GC-MS / LC-MS	< 0.02 ppm	Complies ⁴	Pass
Malathion Myclobutanil	GC-MS / LC-MS	< 0.02 ppm	Complies ⁴	Pass
Permethrin (mix of isomers)	GC-MS / LC-MS	< 0.01 ppm	Complies ⁴	Pass
Spinosad (mixture of A and D)	GC-MS / LC-MS	< 0.04 ppm	Complies ⁴	Pass
Spiromesifen	GC-MS / LC-MS	< 0.02 ppm	Complies ⁴	Pass
Spi rotetra mat	GC-MS / LC-MS	< 0.05 ppm	Complies ⁴	Pass
Tebuconazole	GC-MS / LC-MS	< 0.04 ppm	Complies ⁴	Pass
	GC-MS / LC-MS	< 0.04 ppm	Complies ⁴	Pass
	GC-MS / LC-MS	< 0.06 ppm	Complies ⁴	Pass
	GC-MS / LC-MS	< 0.03 ppm	Complies ⁴	Pass
	GC-MS / LC-MS	< 0.02 ppm	Complies ⁴	Pass
	GC-MS / LC-MS	< 0.01 ppm	Complies ⁴	Pass
Contaminants Heavy Metals				
Arsenic	ICP-MS USP <730>	< 1.36 µg/mL	Complies ⁴	Pass
Cadmium	ICP-MS USP <730>	< 0.45 µg/mL	Complies ⁴	Pass
Lead	ICP-MS USP <730>	< 0.50 µg/mL	Complies ⁴	Pass
Mercury	ICP-MS USP <730>	< 0.30 µg/mL	Complies ⁴	Pass
Microbial Purity				
Total Plate Count	USP <2021>	< 3,000 CFU/g	Complies ⁴	Pass
Yeast & Mold	USP <2021>	:s: 300 CFU/g	Complies ⁴	Pass
<i>E. coli</i>	USP <2022>	< 3 MPN/g	Complies ⁴	Pass
<i>Salmonella spp.</i>	USP <2022>	Absent/10 g	Complies ⁴	Pass

¹All 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.

²

S.L. means "Skip Lot". Parameters are being monitored through product qualification testing and are currently in skip lot protocol.

³Cannabinoid detected below Limit of Quantitation (LOQ).

⁴Result was acquired by 3rd party laboratory.

Approved By:

Alicia Puga

Date: 05/22/2024



botanacor

CERTIFICATE OF ANALYSIS

prepared for: ANTHOLOGY BRANDS

1026 S. WILLIAMS ST
DENVER, CO 80209

FG-00-1003-PHBO-0068

Batch ID:	350007	Test ID:	1000102929
Type:	Concentrate		
Test:	Residual Solvents		
Method:	TM04		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	79 -1575	"ND
Butanes (Isobutane, 11-Butar1c)	160 -3208	"ND
Methanol	54 -1075	"ND
Pentane	84 -1686	"ND
Ethanol	84 -1676	"ND
Acetone	88 -1761	"ND
Isopropyl Alcohol	92 -1843	"ND
Hexane	5 -106	"ND
Ethyl Acetate	88 -1761	"ND
Benzene	0.2 -3.5	"ND
Heptanes	84 -1681	"ND
Toluene	15 -302	"ND
Xylenes (m,p,o-Xylenes)	107 -2138	"ND

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

NOTES:
NIA

FINAL APPROVAL

Ryan Weems

Ben Minton

This report results from a sample of the product analyzed by Botanacor Laboratories, LLC. The results are based on the analysis of the sample as received. The results are not intended to be used for any other purpose. The results are not a guarantee of quality or purity. The results are not a substitute for a full chemical analysis. The results are not a substitute for a full toxicological evaluation. The results are not a substitute for a full safety assessment. The results are not a substitute for a full regulatory compliance review. The results are not a substitute for a full quality control program. The results are not a substitute for a full risk management plan. The results are not a substitute for a full safety data sheet. The results are not a substitute for a full hazard communication program. The results are not a substitute for a full emergency response plan. The results are not a substitute for a full environmental impact statement. The results are not a substitute for a full environmental monitoring program. The results are not a substitute for a full environmental assessment. The results are not a substitute for a full environmental impact assessment. The results are not a substitute for a full environmental impact statement. The results are not a substitute for a full environmental monitoring program. The results are not a substitute for a full environmental assessment. The results are not a substitute for a full environmental impact assessment.



Certificate #4329.02



FG-00-1003-PH BO-0068

Batch ID: 350007

Test ID: T000102930

Type: Concentrate

Test: Pesticides

Method:

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	37 -2513	ND• ND•	Malathion	297 -2513	ND* ND*
Acetamiprid	36-2513	ND*	Metalaxyl	40 -2513	ND* ND*
Abamectin	>292	ND*	Methiocarb	39-2513	ND* ND*
Azoxystrobin	41-2513	No•	Methomyl	37 -2513	ND' ND' ND*
Bifenazate	42 -2513	ND*	MGK 264 1	165-2513	ND' ND*
Boscalid	53-2513	ND*	MGK 264 2	111-2513	ND• ND*
Carbaryl	44 -2513	ND*	Myclobutanil	40 -2513	ND* ND*
Carbofuran	41-2513	ND*	Naled	47-2513	ND* ND'
Chlorantraniliprole	49-2513	ND*	Oxamyl	40 -2513	ND* ND'
Chlorpyrifos	52 -2513	ND*	Paclobutrazol	46-2513	ND* ND'
Clofentezine	297 -2513	ND*	Permethrin	291 -2513	ND* ND'
Diazinon	318-2513	ND*	Phosmet	42-2513	ND*
Dichlorvos	>305	ND*	Prophos	269 -2513	ND*
Dimethoate	39-2513	ND*	Propoxur	43-2513	
E-Fenpyroximate	280-2513	ND*	Pyridaben	43-2513	
Etofenprox	43 -2513	ND*	Spinosad A	292 -2513	
Etoxazole	291 -2513	ND•	Spinosad D	29 -2513	
Fenoxycarb	291 -2513	ND*	Spiromesifen	80-2513	
Fipronil	>44	ND*	Spirotetramat	>295	
Flonicamid	41 -2513	ND*	Spiroxamine 1	>300	
Fludioxonil	49-2513	ND*	Spiroxamine 2	17-2513	
Hexythiazox	>279	ND*	Tebuconazole	22-2513	
Imazalil	43 -2513	ND*	Thiacloprid	304-2513	
Imidacloprid	276 -2513	ND*	Thiamethoxam	40-2513	
Kresoxim-methyl	45-2513	ND*	Trifloxystrobin	40-2513	
	45-2513			43-2513	

' ND= None Detected, Def, ne1 by Dvnan1,c Rc111'.ie of rhf method)

N/A

FINAL APPROVAL

Tyler Wiese

Ben Minton

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Test Certificate

Description: PHBO-750mg BSH Per I fl oz Refined Hemp Seed Oil
 Sample ID: 26.00BPR ll\350007-S4
 Loi No: 350007
 Location:

Client: AP
 Elite Health Partners
 5455 Spine Rd
 Boulder, CO 8030 I

US

Lab No: 203 770-0 I

Analysis	Result	Rel' Unit	Specifications	Method
Mercury	<0.00 I	ppm	Report	ICP-l'vls USP <730>
Lead	0.017	ppm	Report	ICP-fvls USP <730>
Arsenic	<0.001	ppm	Report	ICP-MS USP <730>
Cadmium	0.001	ppm	Report	ICP-MS USP <730>

THESE RESLILTS APPLY ONLY TO nm S:\V'IPLE SLIBMITTED Al'id NOT TO THE PRODL:CT FROM WHICH IT WAS TAKEN. THESE RESLILTS ARE PROVIDED ONLY FOR THE BENEFIT OF CLIENT, WITHOUT REPRESENTATION OR WARRA'I.ITY OF ANY "IND, E:\CEPT FOR TUE EXPRESS LIMITED WARRANTY PROVIDED SOLELY TO CLIENT IN ADVAL'iced LABORATORIES' TERiS OF SERVICE.

HIIS CERTIFICATE SHALL NOT BE REI'RODLICED EXCEPT I\ FILL, WITHIOLIT WRITTEN APPROVAL FROM ADVANCED LABORATORIES.

Results Apprved By:

Kristina Nolff-Qurility Technician



l'agclol"l



If you liked our service, please tell a friend. If you didn't, please tell us!

40 West Louise Ave. Salt Lake City, UT 84115
Phone: (801) 585-1800 Fax: (801) 585-9211
Email: nullab@advancedlabs11.com
FIRSTRINN #1-1353128301!

Test Certificate

Description: PHBO -750mg BSH Per 1 fl oz Refined Hemp Seed Oil
Sample ID: Lot 26.00BPRINS350007-S3
No: Location: 150007

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

US
Lab No: 20-t047-01

Analysis

	Result	Per Unit	Specifications	Method
Total Aerobic	<10	CFU/g	Report	USP<2021>
Microbial Count	<10	CFU/g	Report	USP<2021>
Coliform E.Coli	<10	per 10 grams	Report	AOAC 991.14
Staphylococcus aureus	Absent	per 10 grams	Report	USP <2022>
Salmonella Total	Absent	per 10 grams	Report	USP <2022>
Yeast & Mold	<10	CFLJ/g	Report	USP <2021>
Yeast*	<10	CFC/g	Rcpo11	USP <2021>
Mold*	<10		Report	USP <2021>

* For informational purposes only.

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Results Approved By: _____
Kristina Nolff-Quality Technician

