



Certificate of Analysis

Product: PHBO-0077 300 mg Softgels - LA Compliant

Batch Number: 567516

Characteristic	Instrument	Specification	Result	Pass/ Fail/ N/A
<i>Identity</i>				
Color & Appearance	Visual	Oval softgel with golden tinted oily liquid	Complies	Pass
Odor	Organoleptic	Characteristic of standard	Complies	Pass
Taste	Organoleptic	Neutral	Complies	Pass
<i>Composition</i>				
Fill Density	Density Meter	0.930 – 0.977 g/mL	Complies	Pass
Softgel Fill Weight	Gravimetric	0.67 – 0.76 g/softgel	Complies	Pass
Softgel Total Weight	Gravimetric	0.97 – 1.12 g/softgel	Complies	Pass
<i>Strength - Cannabinoids</i>				
Total CBD1	HPLC	300.0 - 408.0 mg/bottle	333.9 mg/bottle ⁴	Pass
Total THC1	HPLC	≤ 0.30%; Detected	0.19% ⁴	Pass
CBDa	HPLC	Report Result	Not Detected ⁴	N/A
CBG	HPLC	Report Result	0.09% ⁴	N/A
CBD	HPLC	Report Result	1.54% ⁴	N/A
CBN	HPLC	Report Result	0.02% ⁴	N/A
THC	HPLC	Report Result	0.19% ⁴	N/A
CBC	HPLC	Report Result	0.06% ⁴	N/A
THCa	HPLC	Report Result	Not Detected ⁴	N/A
<i>Contaminants - Residual Solvents</i>			Complies ⁴	
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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<i>Contaminants - Pesticides</i>				
Abamectin (avermectins: B1a & B1b)	GC-MS / LC-MS	< 0.07 ppm	Complies ⁴	Pass
Azoxystrobin	GC-MS / LC-MS	< 0.02 ppm	Complies ⁴	Pass
Bifenazate	GC-MS / LC-MS	< 0.02 ppm	Complies ⁴	Pass
Etoazole	GC-MS / LC-MS	< 0.01 ppm	Complies ⁴	Pass
Imazalil	GC-MS / LC-MS	< 0.04 ppm	Complies ⁴	Pass
Imidacloprid	GC-MS / LC-MS	< 0.02 ppm	Complies ⁴	Pass
Malathion	GC-MS / LC-MS	< 0.05 ppm	Complies ⁴	Pass
Myclobutanil	GC-MS / LC-MS	< 0.04 ppm	Complies ⁴	Pass
Permethrin (mix of isomers)	GC-MS / LC-MS	< 0.04 ppm	Complies ⁴	Pass
Spinosad (mixture of A and D)	GC-MS / LC-MS	< 0.06 ppm	Complies ⁴	Pass
Spiromesifen	GC-MS / LC-MS	< 0.03 ppm	Complies ⁴	Pass
Spirotetramat	GC-MS / LC-MS	< 0.02 ppm	Complies ⁴	Pass
Tebuconazole	GC-MS / LC-MS	< 0.01 ppm	Complies ⁴	Pass
<i>Contaminants - Heavy Metals</i>			Complies ⁴	
Arsenic	ICP-MS USP <730>	< 1.68 µg/softgel	Complies ⁴	Pass
Cadmium	ICP-MS USP <730>	< 0.56 µg/softgel	Complies ⁴	Pass
Lead	ICP-MS USP <730>	< 0.50 µg/softgel	Complies ⁴	Pass
Mercury	ICP-MS USP <730>	< 0.30 µg/softgel	Complies ⁴	Pass
<i>Microbial Purity</i>			Complies ⁴	
Total Plate Count	USP <2021>	< 10,000 CFU/g	Complies ⁴	Pass
Yeast & Mold	USP <2021>	≤ 1,000 CFU/g	Complies ⁴	Pass
<i>E. coli</i>	USP <2022>	Absent/10 g		Pass
<i>Salmonella spp.</i>	USP <2022>	Absent/10 g		Pass

¹ All cannabinoids in their acid forms (ending in "a") are convertible to their non-acid forms via a decarboxylation process (heating).

² 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.

³ Bulk softgels batch 50485 was packed into finished good batch 567516. Results for 50485 apply to 567516 Cannabinoid detected below Limit of Quantitation (LOQ).

⁴ Result was acquired by 3rd party laboratory.

Approved by Alicia Puga

Date 05/22/2024

LABORATORY CANNABINOID PROFILE CERTIFICATE OF ANALYSIS

CUSTOMER INFORMATION		SAMPLE DETAILS	
Company:	Advanced Plant Processing	Sample Name	50845 10mg CBD/Coconut Softgel Encapsulated (Bronze)
Contact Person:	Alex Seleznov	Sample Number	1908718
Contact Email:	Alex@advancedplantprocessing.com	Sample Information	Average Weight = 0.72248g
Contact phone:	303-659-8037		

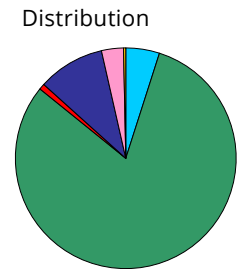
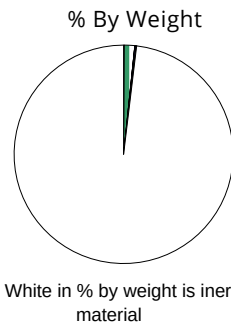
Substance Potency Analysis

CANNABINOID	Mg. PER GRAM	TOTAL Mg. IN A	0.72	GRAM PACKAGE (as reported by client)
CBD	15.40	11.13		
MAXIMUM *	1.92	1.39		
THC MAXIMUM	ND ¹	ND ¹		
*	0.94	0.68		
CBDA	15.40	11.13		
CBG	0.16	0.12		
CBD	1.86	1.35		
CBN	0.61	0.44		
Δ9-THC	0.06	0.04		

CBC
THCA

Substance Distribution Analysis

COLOR CODE	CANNABINOID	% BY WEIGHT	Distribution
Green	CBDA	ND ¹	ND ¹
Blue	CBG	0.09	4.94%
Dark Green	CBD	1.54	80.88%
Red	CBN	0.02	0.85%
Dark Blue	Δ9-THC	0.19	9.78%
Pink	CBC	0.06	3.22%
Yellow	THCA	0.01	0.33%



* 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 above are the maximum theoretical amounts of THC and CBD the tested product would have if it were fully decarboxylated.

Emily Boyd
Emily Boyd
Laboratory Director

Maximum % THC values exceeding three-tenths of one percent (0.3%) on a dry weight basis do not qualify as industrial hemp

Maximum % THC Value for this sample is: **0.19 %**

¹ Cannabinoid not detected (ND).

² Cannabinoid detected below Limit of Quantitation (LOQ).

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PHBO 300 mg Softgels

Batch ID:	567516	Test ID:	T000106859
Type:	Concentrate		
Test:	Residual Solvents		
Method:	TM04		


RESIDUAL SOLVENTS


Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	88 - 1767	*ND
Butanes (Isobutane, n-Butane)	178 - 3551	*ND
Methanol	58 - 1167	*ND
Pentane	94 - 1871	*ND
Ethanol	92 - 1836	*ND
Acetone	95 - 1902	*ND
Isopropyl Alcohol	99 - 1982	*ND
Hexane	6 - 115	*ND
Ethyl Acetate	96 - 1927	*ND
Benzene	0.2 - 3.8	*ND
Heptanes	93 - 1863	*ND
Toluene	17 - 343	*ND
Xylenes (m,p,o-Xylenes)	124 - 2473	*ND

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

NOTES:

N/A

FINAL APPROVAL

 Ryan Weems


 Ben Minton

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 300 mg Softgels

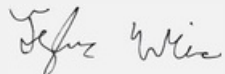
Batch ID:	567516	Test ID:	T000106860
Type:	Concentrate		
Test:	Pesticides		
Method:			


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	33 - 2192 33 - 2192	ND* ND*	Malathion	256 - 2192 39 - 2192	ND* ND*
Acetamiprid	>260 40 - 2192 35 -	ND* ND*	Metalaxyl	37 - 2192 33 - 2192	ND* ND*
Abamectin	2192 39 - 2192 35 -	ND* ND*	Methiocarb	156 - 2192 110 - 2192	ND* ND*
Azoxystrobin	2192 39 - 2192 44 -	ND* ND*	Methomyl	36 - 2192 41 - 2192	ND* ND*
Bifenazate	2192 33 - 2192 274 -	ND* ND*	MGK 264 1	33 - 2192 39 - 2192	ND* ND*
Boscalid	2192 267 - 2192 >241	ND* ND*	MGK 264 2	239 - 2192 40 - 2192	ND* ND*
Carbaryl	34 - 2192	ND* ND*	Myclobutanil	259 - 2192 37 - 2192	ND* ND*
Carbofuran	258 - 2192	ND*	Naled	265 - 2192	ND*
Chlorantraniliprole	37 - 2192	ND*	Oxamyl	27 - 2192	ND*
Chlorpyrifos	259 - 2192	ND*	Paclobutrazol	91 - 2192	ND*
Clofentezine	>40	ND*	Permethrin	>241	ND*
Diazinon	45 - 2192	ND*	Phosmet	>258	ND*
Dichlorvos	39 - 2192	ND*	Prophos	17 - 2192	ND*
Dimethoate	>272	ND*	Propoxur	21 - 2192	ND*
E-Fenpyroximate	30 - 2192	ND*	Pyridaben	282 - 2192	ND*
Etofenprox	250 - 2192	ND*	Spinosad A	34 - 2192	ND*
Etoxazole	35 - 2192	ND*	Spinosad D	34 - 2192	ND*
Fenoxycarb	40 - 2192	ND*	Spiromesifen	39 - 2192	ND*
Fipronil			Spirotetramat		
Flonicamid			Spiroxamine 1		
Fludioxonil			Spiroxamine 2		
Hexythiazox			Tebuconazole		
Imazalil			Thiacloprid		
Imidacloprid			Thiamethoxam		
Kresoxim-methyl			Trifloxystrobin		

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

N/A

FINAL APPROVAL

 Tyler Wiese


 Greg Zimpfer

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40 West Louise Ave., Salt Lake City, UT 84115
Phone: (801) 485-1800 Fax: (801) 484-9211
Email: utlab@advancedlabsinc.com
FDA Registration #3006423386

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Test Certificate

Description 10mg CBD/Coconut Softgel Encapsulated (Bronze)
: Sample 50845
ID: Lot No:
Part Code:
Location:
PO No:

Client: Dylan Neal
Advanced Extraction
5455 Spine Road #E
Boulder, CO 80301

Lab No: 183524-01

Analysis	Result	Per	Specificatio	Method
Mercury	0.015	Unit	ns	ICP-MS USP
Lead	0.005	ppm	< 0.3 ppm <	<730> ICP-MS
Arsenic	0.008	ppm	0.5 ppm < 10	USP <730> ICP-
Cadmium	<0.001	ppm	ppm	MS USP <730>
		ppm	< 4.1 ppm	ICP-MS USP
				<730>

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

Results Approved By:

Alisa Farnsworth-Quality Technician



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

Test Certificate

 Description PHBO - 30 ct 10 mg CBD FSH Vegan Softgels (Louisia
 : Sample 93.00BPRINS567516-S1
 ID: Lot No: 567516
 Location:

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

Lab No: 205325-01

Analysis	Result	Per Unit	Specification	Method
Total Aerobic Microbial Count	t	CFU/g	ns	USP <2021>
Coliform	<10	CFU/g per	Report	AOAC
E.Coli	<10	10 grams	Report	991.14 USP
Staphylococcus aureus	Absen	per 10	Report	<2022> USP
Salmonella	t	grams per	Report	<2022> USP
Total Yeast & Mold	Absen	10 grams	Report	<2022> USP
Yeast	t	CFU/g	Report	<2021> USP
* Mold	Absen	CFU/g	Report	<2021> USP
*	t <10	CFU/g	Report	<2021>
* For informational purposes only.	<10			
	<10			

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.

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Results Approved By:



Kristina Nolf-Quality Technician

