

Certificate of Analysis



Product: PHB Softgels 1,500 mg CBD

Batch Number: 11889

Manufacturer Item Number: P223

Date of Manufacture: 2/18/2019

SOP No.: APP 5003D5.00

Best-By Date (BBD): 2/18/2022

Product Characteristics	Test Method	Specification	Result	Pass / Fail / N/A
<i>Physical Characteristics</i>				
Color & Appearance	Visual	Oval softgel with yellow to amber fill	Pass	Pass
Odor	Organoleptic	Mild and characteristic	Pass	Pass
<i>Analytical Characteristics</i>				
CBD	HPLC	≥ 47.5 mg/softgel	47.6 mg/softgel	Pass
THC	HPLC	< 0.3%	0.27%	Pass
Residual Solvents	MED	Complies	Pass	Pass
Pesticides	MED	Complies	Pass	Pass
<i>Heavy Metal Characteristics</i>				
Arsenic	ICP-MS	≤ 10 µg/softgel	< 0.49 µg/softgel	Pass
Cadmium	ICP-MS	≤ 4.1 µg/softgel	< 0.25 µg/softgel	Pass
Lead	ICP-MS	≤ 0.5 µg/softgel	< 0.049 µg/softgel	Pass
Mercury	ICP-MS	≤ 0.3 µg/softgel	< 0.098 µg/softgel	Pass
<i>Microbiological Characteristics</i>				
Yeast & Mold	USP	≤ 300 CFU/g	S.L.	N/A
<i>E. coli</i>	USP	Negative/10 g	S.L.	N/A
<i>Salmonella spp.</i>	USP	Negative/10 g	S.L.	N/A

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

Please visit www.purehempbotanicals.com for additional batch and product information

Reviewed By: 

Date: 01-03-2020


Approved By: 

Date: 01-15-2020








LABORATORY CANNABINOID PROFILE CERTIFICATE OF ANALYSIS	Extraction Date:10-Jul-19 Analysis Date/Time:10-Jul-19, 17:30:57
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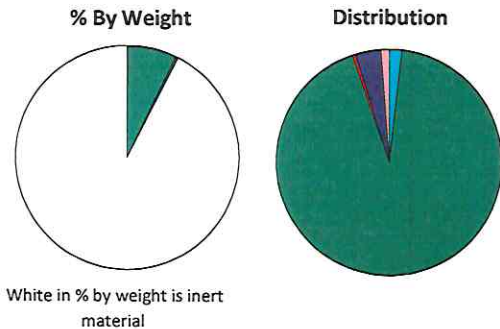
CUSTOMER INFORMATION		SAMPLE DETAILS	
Company:	Pure Hemp Botanicals	Sample Name	PHB Softgels 1500 mg CBD
Contact Person:	Quality Control	Sample Number	1904055, 1904056
Contact Email:	Info@purehempbotanicals.com	Sample Information	Batch #11889
Contact phone:	1-844-443-6764		

Substance Potency Analysis

CANNABINOID	Mg. PER GRAM	TOTAL Mg. IN A	20.40	GRAM PACKAGE (as reported by client)
CBD MAXIMUM *	70.01	1428.25		
THC MAXIMUM *	2.70	55.00		
CBDA	0.00	0.00		
CBG	1.37	27.89		
CBD	70.01	1428.25		
CBN	0.34	6.98		
THC	2.70	55.00		
CBC	0.93	18.92		
THCA	0.00	0.00		

Substance Distribution Analysis

COLOR CODE	CANNABINOID	% BY WEIGHT	Distribution
	CBDA	0.00	0.00%
	CBG	0.14	1.81%
	CBD	7.00	92.92%
	CBN	0.03	0.45%
	THC	0.27	3.58%
	CBC	0.09	1.23%
	THCA	0.00	0.00%



* 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: 0.27 %

¹ Cannabinoid not detected (ND).

² Cannabinoid detected below Limit of Quantitation (LOQ).

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