

## Certificate of Analysis



**Product:** 1500 mg Tincture - Full Spectrum

**Batch Number:** 10868

**Manufacturer Item Number:** P092

**Date of Manufacture:** 3/29/2018

**SOP No.:** APP 5002D3.02

**Expiration Date:** 9/29/2019

Product Characteristics	Test Method	Specification	Result	Pass / Fail / N/A
<i>Physical Characteristics</i>				
Color & Appearance	Visual	Yellow to amber oily liquid	Pass	Pass
Odor	Organoleptic	Mild and characteristic	Pass	Pass
Taste	Organoleptic	Mild to slightly bitter	Pass	Pass
<i>Analytical Characteristics</i>				
CBD	HPLC	≥ 47.5 mg/dropper	51.3 mg/dropper	Pass
THC	HPLC	< 0.3%	0.15%	Pass
Residual Solvents	MED	Complies	S.L.	N/A
Pesticides	MED	Complies	S.L.	N/A
<i>Heavy Metal Characteristics</i>				
Arsenic	ICP-MS	≤ 10 µg/dropper	S.L.	N/A
Cadmium	ICP-MS	≤ 4.1 µg/dropper	S.L.	N/A
Lead	ICP-MS	≤ 0.5 µg/dropper	S.L.	N/A
Mercury	ICP-MS	≤ 0.3 µg/dropper	S.L.	N/A
<i>Microbiological Characteristics</i>				
Total Aerobic Plate Count	USP	≤ 10,000 CFU/g	S.L.	N/A
Yeast & Mold	USP	≤ 1,000 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.

Reviewed By: \_\_\_\_\_

Date: 7 May 2018

Approved By: \_\_\_\_\_

Date: 5.8.18


**LABORATORY CANNABINOID PROFILE CERTIFICATE OF ANALYSIS**

Extraction Date:30-Mar-18

Analysis Date/Time:30-Mar-18, 01:20:35








CUSTOMER INFORMATION		SAMPLE DETAILS	
Company:	Pure Hemp Botanicals	Sample Name	50mg CBD Full Spectrum Tincture
Contact Person:	Quality Control	Sample Number	8962
Contact Email:	Info@purehempbotanicals.com	Sample Information	Batch# 10868
Contact phone:	1-844-443-6764		

**Substance Potency Analysis**

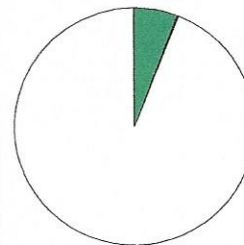
CANNABINOID	Mg. PER GRAM	TOTAL Mg. IN A	0.88	GRAM PACKAGE (as reported by client)
CBD MAXIMUM *	58.261	51.270		
THC MAXIMUM *	1.472	1.296		
CBDA	0.000	0.000		
CBG	0.247	0.217		
CBD	58.261	51.270		
CBN	0.000	0.000		
THC	1.472	1.296		
CBC	0.561	0.494		
THCA	0.000	0.000		

CANNABINOIDS REPORTED AS "0" WERE BELOW DETECTABLE LEVELS

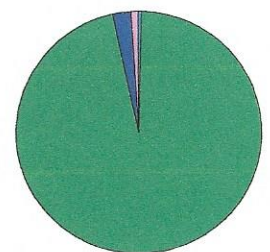
**Substance Distribution Analysis**

COLOR CODE	CANNABINOID	% BY WEIGHT	Distribution
	CBDA	0.000	0.00%
	CBG	0.025	0.41%
	CBD	5.826	96.23%
	CBN	0.000	0.00%
	THC	0.147	2.43%
	CBC	0.056	0.93%
	THCA	0.000	0.00%

% By Weight



Distribution



White in % by weight is inert material

\* 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: 0.15 %