



# Certificate of Analysis

Powered by Confident Cannabis  
1 of 1

## Plant Therapy

510 2nd Ave S  
Twin Falls, ID 83301  
stephanie.lemmons@planttherapy.com

Sample: 2006TSF0122.6162

Strain: 2500 mg CBD  
Batch #: HC4105;  
Sample Received: 06/25/2020; Report Generated: 06/25/2020

Lic. #

## CBD Oil Drops

Ingestible, Liquid Fats (Oils), Coconut Oil  
Harvest Process Lot: METRC Batch: METRC Sample:



<LOQ

Total Potential THC

2,631.44  
mg/unit

Total Potential CBD

The photo on this report is of a sample collected by the lab and may vary from the final packaging

## Cannabinoids

Cannabinoid	LOQ mg/unit	Mass mg/unit	Mass mg/g
THCa	2.80	ND	ND
$\Delta^9$ -THC	2.80	ND	ND
$\Delta^8$ -THC	2.80	ND	ND
CBD	0.03	2631.44	93.98
CBDa	2.80	ND	ND
CBC	2.80	29.40	1.05
CBG	2.80	ND	ND
CBN	2.80	21.28	0.76
THCV	2.80	ND	ND
CBGa	2.80	39.48	1.41
<b>Total</b>		<b>2721.60</b>	<b>97.20</b>

1 Unit = .28g

Test performed via HPLC-UV. Total Potential THC and CBD: Liquid chromatography occurs at room temperature and does not decarboxylate any cannabinoids, thereby yielding separate values for THCa, THC, CBDa and CBD, which are then combined to derive the Total Potential THC and Total Potential CBD result using the following formulae:  
Total Potential THC = THCa \* 0.877 +  $\Delta^9$ -THC +  $\Delta^8$ -THC  
Total Potential CBD = CBDa \* 0.877 + CBD  
LOQ = Limit of Quantitation; Cannabinoids for flower and trim reported as received.

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Scientific Director

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**Hemp Distillate Broad Spectrum Raw**

<b>Batch ID:</b>	HC0105	<b>Test ID:</b>	T000084322
<b>Reported:</b>	9-Jul-2020	<b>Method:</b>	TM19
<b>Type:</b>	Concentrate		
<b>Test:</b>	Metals		

**HEAVY METALS**

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.071 - 7.07	ND
Cadmium	0.070 - 6.99	ND
Mercury	0.071 - 7.07	ND
Lead	0.072 - 7.16	ND

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

**FINAL APPROVAL**Alex Smith  
9-Jul-2020  
6:05 AM

PREPARED BY / DATE

Greg Zimpfer  
9-Jul-2020  
11:18 AM

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.

**Hemp Distillate Broad Spectrum Raw**

<b>Batch ID:</b>	HC0105	<b>Test ID:</b>	T000084320
<b>Reported:</b>	9-Jul-2020	<b>Method:</b>	Concentrate - Test Methods: TM05, TM06
<b>Type:</b>	Concentrate		
<b>Test:</b>	Microbial Contaminants		

**MICROBIAL CONTAMINANTS**



Contaminant	Result (CFU/g)*
<b>Total Aerobic Count**</b>	None Detected
<b>Total Coliforms**</b>	None Detected
<b>Total Yeast and Molds**</b>	None Detected
<b><i>E. coli</i></b>	None Detected
<b><i>Salmonella</i></b>	None Detected

\* CFU/g = Colony Forming Unit per Gram

\*\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples:  $10^2 = 100$  CFU  
 $10^3 = 1,000$  CFU  
 $10^4 = 10,000$  CFU  
 $10^5 = 100,000$  CFU

## NOTES:

Free from visual mold, mildew, and foreign matter  
TYM: None Detected  
Total Aerobic: None Detected  
Coliforms: None Detected**FINAL APPROVAL**  
Mara Miller  
9-Jul-2020  
1:01 PM  
Ben Minton  
9-Jul-2020  
3:51 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

**Hemp Distillate Broad Spectrum Raw**

<b>Batch ID:</b>	HC0105	<b>Test ID:</b>	4587965.0026
<b>Reported:</b>	8-Jul-2020	<b>Method:</b>	TM17
<b>Type:</b>	Concentrate		
<b>Test:</b>	Pesticides		

**PESTICIDE RESIDUE**

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	59 - 2558	ND*	Malathion	307 - 2558	ND*
Acetamiprid	50 - 2558	ND*	Metalaxyl	52 - 2558	ND*
Abamectin	>340	ND*	Methiocarb	44 - 2558	ND*
Azoxystrobin	48 - 2558	ND*	Methomyl	48 - 2558	ND*
Bifenazate	52 - 2558	ND*	MGK 264 1	187 - 2558	ND*
Boscalid	52 - 2558	ND*	MGK 264 2	102 - 2558	ND*
Carbaryl	45 - 2558	ND*	Myclobutanil	51 - 2558	ND*
Carbofuran	44 - 2558	ND*	Naled	52 - 2558	ND*
Chlorantraniliprole	51 - 2558	ND*	Oxamyl	44 - 2558	ND*
Chlorpyrifos	47 - 2558	ND*	Paclobutrazol	48 - 2558	ND*
Clofentezine	314 - 2558	ND*	Permethrin	324 - 2558	ND*
Diazinon	300 - 2558	ND*	Phosmet	50 - 2558	ND*
Dichlorvos	>332	ND*	Prophos	284 - 2558	ND*
Dimethoate	55 - 2558	ND*	Propoxur	46 - 2558	ND*
E-Fenpyroximate	24 - 2558	ND*	Pyridaben	41 - 2558	ND*
Etofenprox	42 - 2558	ND*	Spinosad A	35 - 2558	ND*
Etoxazole	302 - 2558	ND*	Spinosad D	79 - 2558	ND*
Fenoxycarb	>50	ND*	Spiromesifen	>283	ND*
Fipronil	55 - 2558	ND*	Spirotetramat	>310	ND*
Flonicamid	51 - 2558	ND*	Spiroxamine 1	18 - 2558	ND*
Fludioxonil	>293	ND*	Spiroxamine 2	26 - 2558	ND*
Hexythiazox	44 - 2558	ND*	Tebuconazole	307 - 2558	ND*
Imazalil	289 - 2558	ND*	Thiacloprid	50 - 2558	ND*
Imidacloprid	49 - 2558	ND*	Thiamethoxam	48 - 2558	ND*
Kresoxim-methyl	49 - 2558	ND*	Trifloxystrobin	51 - 2558	ND*

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

N/A

**FINAL APPROVAL**

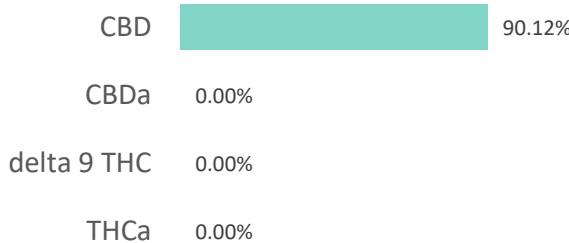
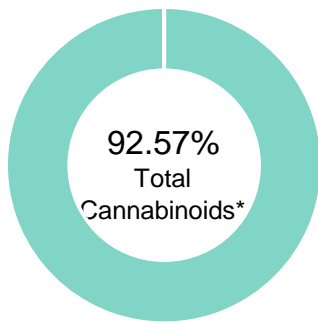
  
 Taylor Brevik  
 8-Jul-2020  
 4:02 PM  
 PREPARED BY / DATE

  
 Greg Zimpfer  
 8-Jul-2020  
 8:14 PM  
 APPROVED BY / DATE

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**Hemp Distillate Broad Spec Raw**

<b>Batch ID:</b>	HC0105	<b>Test ID:</b>	3766599.002
<b>Reported:</b>	1-May-2020	<b>Method:</b>	TM14
<b>Type:</b>	Concentrate		
<b>Test:</b>	Potency		

**CANNABINOID PROFILE**


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.35	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.17	ND	ND
Cannabidiolic acid (CBDA)	0.32	ND	ND
Cannabidiol (CBD)	0.18	90.12	901.2
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.19	ND	ND
Cannabinolic Acid (CBNA)	0.48	ND	ND
Cannabinol (CBN)	0.21	0.85	8.5
Cannabigerolic acid (CBGA)	0.30	ND	ND
Cannabigerol (CBG)	0.17	0.32	3.2
Tetrahydrocannabivarinic Acid (THCVA)	0.30	ND	ND
Tetrahydrocannabivarin (THCV)	0.15	ND	ND
Cannabidivarinic Acid (CBDVA)	0.30	ND	ND
Cannabidivarin (CBDV)	0.16	0.17	1.7
Cannabichromenic Acid (CBCA)	0.26	ND	ND
Cannabichromene (CBC)	0.31	1.11	11.1
<b>Total Cannabinoids</b>		<b>92.57</b>	<b>925.70</b>
Total Potential THC**		ND	ND
Total Potential CBD**		90.12	901.20

**NOTES:**

N/A

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} \times 0.877)$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \times 0.877)$$

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

**FINAL APPROVAL**


 Tyler Wiese  
 1-May-2020  
 3:49 PM



 Ben Minton  
 1-May-2020  
 4:28 PM

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APPROVED BY / DATE

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Certificate #4329.02

**Hemp Distillate Broad Spectrum Raw**

<b>Batch ID:</b>	HC0105	<b>Test ID:</b>	T000084319
<b>Reported:</b>	8-Jul-2020	<b>Method:</b>	TM04
<b>Type:</b>	Concentrate		
<b>Test:</b>	Residual Solvents		

**RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	105 - 2094	*ND
Butanes (Isobutane, n-Butane)	186 - 3713	*ND
Methanol	64 - 1277	*ND
Pentane	101 - 2029	*ND
Ethanol	102 - 2041	*ND
Acetone	103 - 2068	*ND
Isopropyl Alcohol	111 - 2214	*ND
Hexane	6 - 129	*ND
Ethyl Acetate	105 - 2107	*ND
Benzene	0.2 - 4.2	*ND
Heptanes	101 - 2028	*ND
Toluene	19 - 376	*ND
Xylenes (m,p,o-Xylenes)	156 - 3115	*ND

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

NOTES:  
N/A**FINAL APPROVAL**Daniel Weidensaul  
8-Jul-2020  
5:46 PMGreg Zimpfer  
8-Jul-2020  
8:49 PM

PREPARED BY / DATE

APPROVED BY / DATE

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