



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: 2006TSF0122.6161

Strain: 1000 mg CBD
Batch #: HC3105
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

1,060.92
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
Δ9-THC	2.80	ND	ND
Δ8-THC	2.80	ND	ND
CBD	0.03	1060.92	37.89
CBDa	2.80	ND	ND
CBC	2.80	10.08	0.36
CBG	2.80	ND	ND
CBN	2.80	ND	ND
THCV	2.80	ND	ND
CBGa	2.80	33.32	1.19
Total		1104.32	39.44

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 + Δ9-THC + Δ8-THC
Total Potential CBD = CBDa * 0.877 + CBD
LOQ = Limit of Quantitation; Cannabinoids for flower and trim reported as received.

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Dr. Jeff Angermann
Scientific Director

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Hemp Distillate Broad Spectrum Raw

Batch ID:	HC0105	Test ID:	T000084322
Reported:	9-Jul-2020	Method:	TM19
Type:	Concentrate		
Test:	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 APPROVALAlex Smith
9-Jul-2020
6:05 AM

PREPARED BY / DATE

Greg Zimpfer
9-Jul-2020
11:18 AM

APPROVED BY / DATE

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Hemp Distillate Broad Spectrum Raw

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

MICROBIAL CONTAMINANTS



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

Batch ID:	HC0105	Test ID:	4587965.0026
Reported:	8-Jul-2020	Method:	TM17
Type:	Concentrate		
Test:	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

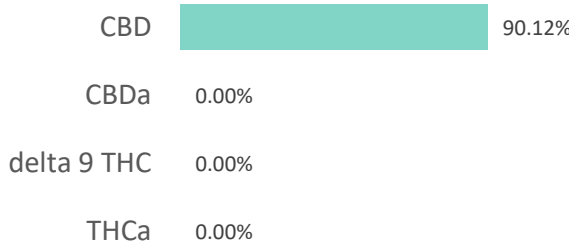
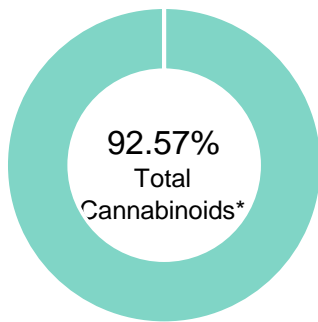

 Taylor Brevik
 8-Jul-2020
 4:02 PM
 PREPARED BY / DATE


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

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Hemp Distillate Broad Spec Raw

Batch ID:	HC0105	Test ID:	3766599.002
Reported:	1-May-2020	Method:	TM14
Type:	Concentrate		
Test:	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
Total Cannabinoids		92.57	925.70
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

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

Hemp Distillate Broad Spectrum Raw

Batch ID:	HC0105	Test ID:	T000084319
Reported:	8-Jul-2020	Method:	TM04
Type:	Concentrate		
Test:	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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