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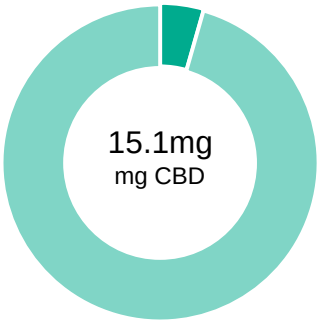
CERTIFICATE OF ANALYSIS

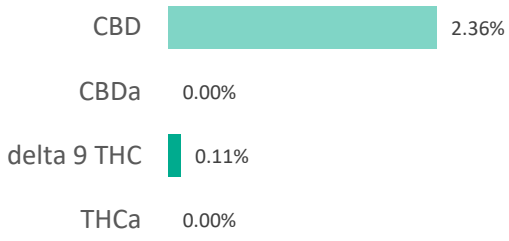
prepared for: PLANT THERAPY
510 2ND AVE S.
TWIN FALLS, ID 83301

HEMP DISTILLATE FULL SPECTRUM 15mg SOFTGELS

Batch ID:	HE0100	**Test ID:**	1448896.009
Reported:	27-Jan-2020	**Method:**	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.28	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	0.70	1.1
Cannabidiolic acid (CBDA)	0.34	0.00	0.0
Cannabidiol (CBD)	0.19	15.10	23.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.15	0.00	0.0
Cannabinolic Acid (CBNA)	0.38	0.00	0.0
Cannabinol (CBN)	0.17	0.00	0.0
Cannabigerolic acid (CBGA)	0.25	0.00	0.0
Cannabigerol (CBG)	0.14	0.50	0.8
Tetrahydrocannabivarinic Acid (THCVA)	0.24	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.13	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.32	0.00	0.0
Cannabidivarin (CBDV)	0.17	0.00	0.0
Cannabichromenic Acid (CBCA)	0.21	0.00	0.0
Cannabichromene (CBC)	0.25	0.00	0.0
Total Cannabinoids		**16.30**	**25.52**
Total Potential THC**		0.70	1.10
Total Potential CBD**		15.10	23.64

% = % (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.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

NOTES:

# of Servings = 1, Sample Weight=0.63871g

N/A

FINAL APPROVAL

Michelle Gagnon
27-Jan-2020
3:45 PM
PREPARED BY / DATE

Greg Zimpfer
27-Jan-2020
6:20 PM
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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

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Certificate #4329.02

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CERTIFICATE OF ANALYSIS

prepared for: PLANT THERAPY
510 2ND AVE S.
TWIN FALLS, ID 83301

HEMP DISTILLATE

Batch ID:	HW0100	**Test ID:**	T000041858
Reported:	18-Dec-2019	**Method:**	Arsenic = Arsenic EPA 6020A (mod), Cadmium = Cadmium EPA 6020A (mod), Lead = Lead EPA 6020A (mod), Mercury = Mercury EPA 6020A (mod)
Type:	Other		
Test:	Metals		

HEAVY METALS

Compound	Reporting Limit (ppm)	Result (ppm)
Arsenic	0.05	<0.05
Cadmium	0.05	<0.05
Lead	0.05	<0.05
Mercury	0.05	<0.05

FINAL APPROVAL

Samantha Smith
Sam Smith
18-Dec-2019
2:44 PM
PREPARED BY / DATE

Greg Zimpfer
18-Dec-2019
2:58 PM
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.

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CERTIFICATE OF ANALYSIS

prepared for: PLANT THERAPY
510 2ND AVE S.
TWIN FALLS, ID 83301

HEMP DISTILLATE

Batch ID:	HW0100	**Test ID:**	5855650.031
Reported:	12-Dec-2019	**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

Sarah Henning
12-Dec-2019
3:51 PM
PREPARED BY / DATE

David Green
12-Dec-2019
3:56 PM
APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Services, LLC, in the condition it was received. Botanacor Services, 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 Services, LLC.

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CERTIFICATE OF ANALYSIS

prepared for: PLANT THERAPY
510 2ND AVE S.
TWIN FALLS, ID 83301

HEMP DISTILLATE

Batch ID:	HW0100	**Test ID:**	9971265.0015
Reported:	12-Dec-2019	**Method:**	TM17
Type:	Concentrate		
Test:	Pesticides		

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	56 - 2589	ND*
Acetamiprid	56 - 2589	ND*
Avermectin	335 - 2589	ND*
Azoxystrobin	56 - 2589	ND*
Bifenazate	56 - 2589	ND*
Boscalid	335 - 2589	ND*
Carbaryl	56 - 2589	ND*
Carbofuran	56 - 2589	ND*
Chlorantraniliprole	56 - 2589	ND*
Chlorpyrifos	335 - 2589	ND*
Clofentezine	56 - 2589	ND*
Diazinon	56 - 2589	ND*
Dichlorvos	335 - 2589	ND*
Dimethoate	56 - 2589	ND*
E-Fenpyroximate	335 - 2589	ND*
Etofenprox	335 - 2589	ND*
Etoxazole	335 - 2589	ND*
Fenoxycarb	56 - 2589	ND*
Fipronil	335 - 2589	ND*
Flonicamid	56 - 2589	ND*
Fludioxonil	335 - 2589	ND*
Hexythiazox	335 - 2589	ND*
Imazalil	335 - 2589	ND*
Imidacloprid	56 - 2589	ND*
Kresoxim-methyl	56 - 2589	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	56 - 2589	ND*
Metalaxyl	335 - 2589	ND*
Methiocarb	56 - 2589	ND*
Methomyl	56 - 2589	ND*
MGK 264 1	56 - 2589	ND*
MGK 264 2	335 - 2589	ND*
Myclobutanil	335 - 2589	ND*
Naled	335 - 2589	ND*
Oxamyl	56 - 2589	ND*
Paclobutrazol	56 - 2589	ND*
Permethrin	335 - 2589	ND*
Phosmet	56 - 2589	ND*
Prophos	335 - 2589	ND*
Propoxur	335 - 2589	ND*
Pyridaben	335 - 2589	ND*
Spinosad A	56 - 2589	ND*
Spinosad D	335 - 2589	ND*
Spiromesifen	56 - 2589	ND*
Spirotetramat	335 - 2589	ND*
Spiroxamine 1	56 - 2589	ND*
Spiroxamine 2	56 - 2589	ND*
Tebuconazole	56 - 2589	ND*
Thiacloprid	56 - 2589	ND*
Thiamethoxam	56 - 2589	ND*
Trifloxystrobin	335 - 2589	ND*

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

N/A

FINAL APPROVAL

Sam Smith
12-Dec-2019
1:44 PM

PREPARED BY / DATE

David Green
12-Dec-2019
1:49 PM

APPROVED BY / DATE

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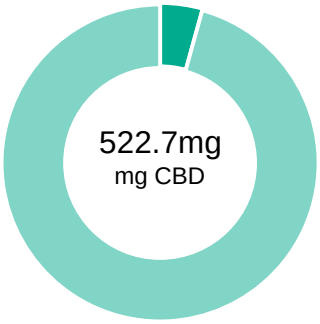
CERTIFICATE OF ANALYSIS

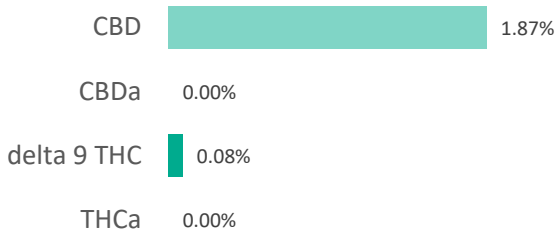
prepared for: PLANT THERAPY
510 2ND AVE S.
TWIN FALLS, ID 83301

HEMP DISTILLATE

Batch ID:	HW0100	**Test ID:**	5762129.0013
Reported:	9-Dec-2019	**Method:**	TM14
Type:	Unit		
Test:	Potency		

CANNABINOID PROFILE





Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	1.45	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.72	23.50	0.8
Cannabidiolic acid (CBDA)	2.03	0.00	0.0
Cannabidiol (CBD)	1.13	522.70	18.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.79	0.00	0.0
Cannabinolic Acid (CBNA)	1.99	0.00	0.0
Cannabinol (CBN)	0.88	2.10	0.1
Cannabigerolic acid (CBGA)	1.27	0.00	0.0
Cannabigerol (CBG)	0.71	26.90	1.0
Tetrahydrocannabivarinic Acid (THCVA)	1.25	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.65	0.00	0.0
Cannabidivarinic Acid (CBDVA)	1.88	0.00	0.0
Cannabidivarin (CBDV)	1.03	2.00	0.1
Cannabichromenic Acid (CBCA)	1.09	0.00	0.0
Cannabichromene (CBC)	1.31	0.00	0.0
Total Cannabinoids		**577.20**	**20.61**
Total Potential THC**		23.50	0.84
Total Potential CBD**		522.70	18.67

% = % (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.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

NOTES:

# of Servings = 1, Sample Weight=28g

N/A

FINAL APPROVAL

Daniel Weidensaul
9-Dec-2019
7:04 PM
PREPARED BY / DATE

Greg Zimpfer
9-Dec-2019
7:19 PM
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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02

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