

Client:  Website: 



Website:  Lab: 

**Label: CO2 Hemp Extract - 500mg**

Client: | Plant Therapy  
 Batch Number: | HC2100  
 Internal Number: | BT-345-11117  
 Container: | Bottle  
 Type: | Tincture


**Botanica Testing Inc.**

747 SW 2nd Ave, Suite 306 IMB 12  
 Gainesville, FL 32601  
 317-361-5044  
 Adam@botanicatesting.com  
 Dan@botanicatesting.com  
<https://botanicatesting.com/>

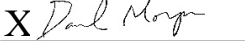


**Results: Bottle**  
 CBD (mg) - 30ml  
**544.1**

**Conclusion:**

X   
 Adam Christensen  
 Chief Executive Officer



X   
 Daniel Morgan Ph.D.  
 Chief Scientific Officer

**Total CBD**  
**1.81%**

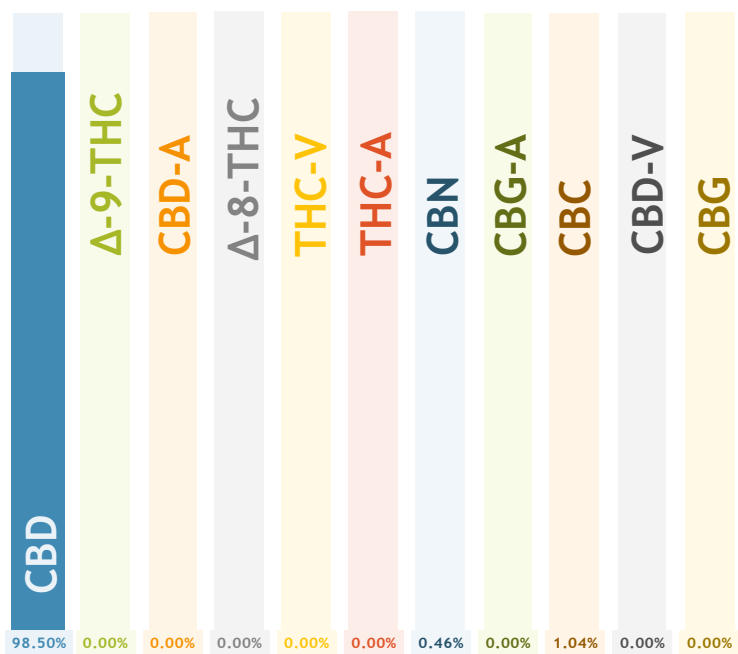
**Total THC**  
**0.00%**



**Cannabinoids By Weight:**

Cannabinoids	mg/g	%
CBD	18.14	1.81%
Δ-9-THC	ND	ND
CBD-A	ND	ND
Δ-8-THC	ND	ND
THC-V	ND	ND
THC-A	ND	ND
CBN	0.08	0.01%
CBG-A	ND	ND
CBC	0.19	0.02%
CBD-V	ND	ND
CBG	ND	ND
<b>Total mg/g</b>	<b>18.41</b>	

**Percentage of Total Cannabinoids**



<b>Client</b>	 <b>PLANT THERAPY</b> <small>100% PURE ESSENTIAL OILS</small>	<b>Website</b>			<b>Website</b>		<b>Lab</b>	 <b>botanica</b>
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**Sample: CO2 Hemp Extract - 500mg**

**Aroma Profile**

**Client:** | Plant Therapy  
**Batch Number:** | HC2100  
**Internal Number:** | BT-345-11117  
**Classification:** | Bottle  
**Type:** | Tincture




**Conclusion:**


*Adam Christensen*  
 Adam Christensen  
 Chief Executive Officer


*Daniel Morgan*  
 Daniel Morgan Ph.D.  
 Chief Scientific Officer

<b>Percent Identified: 45.75%</b>	
Top Terpenes	%
Myrcene	ND
beta-Caryophyllene	ND
Limonene	ND
alpha-Pinene	ND
Terpinolene	ND
alpha-Bisabolol	27.45%
10-epi-gamma-Eudesmol	6.93%
gamma-Eudesmol	6.04%
alpha-Eudesmol	5.33%
Cryptomeridiol	4.70%
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND
ND	ND


**alpha-Bisabolol**

  
Green


  
Woody


  
Sweet


27.45%




**10-epi-gamma-Eudesmol**

  
Floral


  
Woody


  
Sweet


6.93%




**gamma-Eudesmol**

  
Green


  
Woody


  
Sweet


6.04%




**alpha-Eudesmol**

  
Green


  
Woody

  
Sweet

5.33%



**Cryptomeridiol**





Client




**PLANT THERAPY®**  
100% PURE ESSENTIAL OILS


Website



Website



Lab



**botanica**

## Label: CO2 Hemp Extract - 2500mg

## Botanica Testing Inc.

Client: | Plant Therapy  
 Batch Number: | HC4100  
 Internal Number: | BT-345-11113  
 Container: | Bottle  
 Type: | Tincture

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X *Adam Christensen*

X *Daniel Morgan*

Adam Christensen  
Chief Executive Officer

Daniel Morgan Ph.D.  
Chief Scientific Officer

### Pesticides

Abamectin	ND ND	Paclobutrazol
Bifenazate	ND ND	Piperonyl Butoxide
Spiromesifen	ND ND	Chlorpyrifos
Etoxazole	ND ND	Myclobutanil
Acephate	ND ND	Spinosyn D
Fonicamid	ND ND	Spirotetramat
Fludioxonil	ND ND	Thiamethoxam
Imidacloprid	ND ND	Trifloxystrobin
Spinosyn A	ND ND	Pyrethrins Jasmolin 1
	<b>PPB PPB</b>	

### Microbials

<b>Yeast</b>	ND CFU/g
<b>Mold</b>	ND CFU/g
<b>E.coli</b>	ND CFU/g
<b>Coliform</b>	ND CFU/g
<b>Aerobic Bacteria</b>	ND CFU/g
<b>Enterobacteria</b>	ND CFU/g
	<b>CFU/g</b>

### Residual Solvents

Isopentane	NT	NT	Acetonitrile
Propane	NT	NT	Tetrahydrofuran
Acetone	NT	NT	Toluene
Isobutane	NT	NT	Choloroform
Ethanol	NT	NT	C-Terracholoride
n-Heptane	NT	NT	Benzene
n-Hexane	NT	NT	M-xylene
n-Butane	NT	NT	P-xylene
n-Pentane	NT	NT	O-xylene
2-Propanol	NT		
	<b>PPM</b>	<b>PPM</b>	

### Heavy Metals

<sup>82</sup> <b>Pb</b> Lead 207.2	<0.018 <b>PPM</b>	<sup>48</sup> <b>Cd</b> Cadmium 112.414	0.012 <b>PPM</b>
<sup>80</sup> <b>Hg</b> Mercury 200.592	<0.020 <b>PPM</b>	<sup>33</sup> <b>As</b> Arsenic 74.922	0.019 <b>PPM</b>

Pesticide	conc.	LOQ (ppb)	Pesticide	conc.	LOQ (ppb)	Pesticide	conc.	LOQ (ppb)
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
Abamectin	ND	70	NT	NT	NT	NT	NT	NT
Acephate	ND	40	NT	NT	NT	Fenoxycarb	ND	20
Acequinocyl	ND	200	Clofentezine	ND	20	NT	NT	NT
Acetamiprid	ND	20	Cyfluthrin	ND	100	Fenpyroximate	ND	40
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	Fipronil	ND	40
Aldicarb	ND	40	NT	NT	NT	Fonicamid	ND	100
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	Fludioxonil	ND	40
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	Cypermethrin	ND	100	NT	NT	NT
Avermectin B1b	ND	70	Daminozide	ND	100	NT	NT	NT
Azoxystrobin	ND	20	NT	NT	NT	NT	NT	NT
NT	NT	NT	Diazinon	ND	20	NT	NT	NT
NT	NT	NT	Dichlorvos	ND	10	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
Bifenazate	ND	20	NT	NT	NT	NT	NT	NT
Bifenthrin	ND	20	NT	NT	NT	NT	NT	NT
Boscalid	ND	40	Dimethoate	ND	20	NT	NT	NT
NT	NT	NT	0	0	0	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	Hexythiazox	ND	100
NT	NT	NT	NT	NT	NT	Imazalil	ND	40
NT	NT	NT	NT	NT	NT	Imidacloprid	ND	20
Carbaryl	ND	20	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
Carbofuran	ND	20	NT	NT	NT	NT	NT	NT
NT	NT	NT	Ethoprophos	ND	20	NT	NT	NT
NT	NT	NT	Etofenprox	ND	40	NT	NT	NT
Chlorantraniliprole	ND	20	Etoazole	ND	10	NT	NT	NT
Chlorefenapyr	ND	100	NT	NT	NT	Kresoxim-Methyl	ND	40
NT	NT	NT	NT	NT	NT	NT	NT	NT
Chlorpyrifos	ND	20	NT	NT	NT	NT	NT	NT

Pesticide	conc.	LOQ (ppb)	Pesticide	conc.	LOQ (ppb)	Pesticide	conc.	LOQ (ppb)
Malathion A	ND	50	NT	NT	NT	NT	NT	NT
NT	NT	NT	Piperonyl Butoxide	ND	200	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	Prallethrin	ND	20	Thiacloprid	ND	20
NT	NT	NT	NT	NT	NT	Thiamethoxam	ND	20
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
Metalaxyl	ND	20	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
Methiocarb	ND	20	Propiconazole	ND	40	NT	NT	NT
Methomyl	ND	40	Propoxure	ND	20	Trifloxystrobin	ND	20
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	Propoxure	ND	20	NT	NT	NT
NT	NT	NT	NT	NT	NT	NT	NT	NT
NT	NT	NT	Pyrethrins Cinerin 1	ND	500	NT	NT	NT
NT	NT	NT	Pyrethrins Jasmolin 1	ND	500	NT	NT	NT
NT	NT	NT	Pyrethrins Pyrethrin 1	ND	500			
NT	NT	NT	Pyridaben	ND	20			
Mgk 264	ND	20	NT	NT	NT			
NT	NT	NT	NT	NT	NT			
NT	NT	NT	NT	NT	NT			
NT	NT	NT	NT	NT	NT			
NT	NT	NT	NT	NT	NT			
Myclobutanil	ND	40	NT	NT	NT			
Naled	ND	50	NT	NT	NT			
NT	NT	NT	Spiromesifen	ND	30			
NT	NT	NT	Spinosyn A	ND	60			
NT	NT	NT	Spinosyn D	ND	60			
NT	NT	NT	Spiromesifen	ND	30			
NT	NT	NT	Spirotetramat	ND	20			
Oxamyl	ND	100	Spiroxamine	ND	40			
Paclobutrazol	ND	40	NT	NT	NT			
Parathion Methyl	ND	100	Tebuconazole	ND	10			
NT	NT	NT	NT	NT	NT			
NT	NT	NT	NT	NT	NT			
Permethrins	ND	40	NT	NT	NT			
NT	NT	NT	NT	NT	NT			
Phosmet	ND	20	NT	NT	NT			

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**Client**



**Website**




**Website**



**Lab**



**Label: HC100**

**Raw Material Test**

**Botanica Testing Inc.**

Client: | Plant Therapy  
 Batch Number: | HC100  
 Internal Number: | BT-345-10699  
 Container: | Bottle  
 Type: | Other



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**Results: Bottle**  
 Total Cannabinoids  
**91.20%**

**Conclusion:**

X *Adam Christensen*  
 Adam Christensen  
 Chief Executive Officer

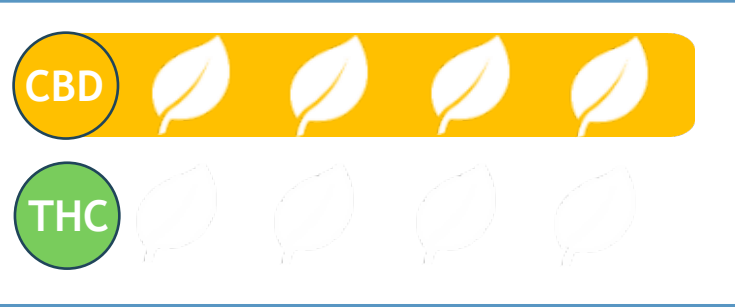


X *Daniel Morgan*  
 Daniel Morgan Ph.D.  
 Chief Scientific Officer



**Total CBD**  
**86.65%**

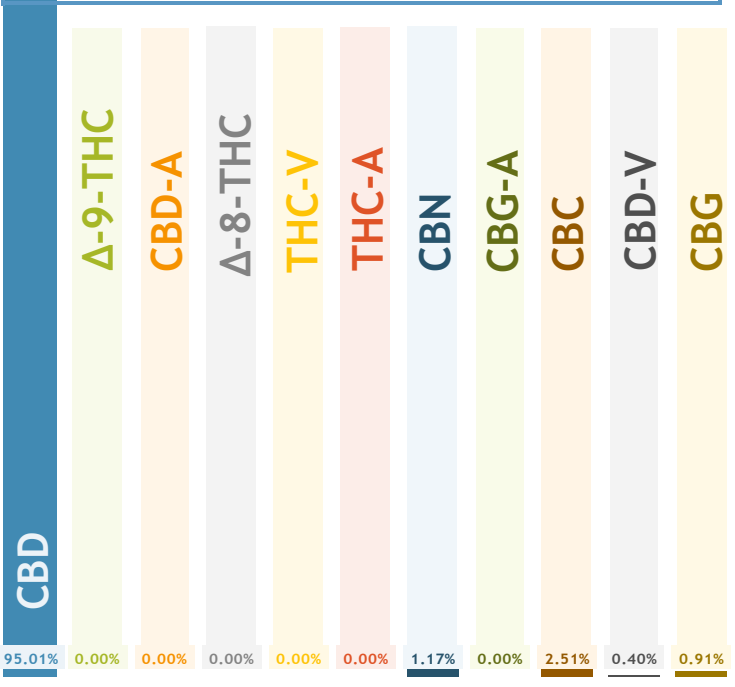
**Total THC**  
**0.00%**



**Cannabinoids By Weight:**

Cannabinoids	mg/g	%
CBD	866.46	86.65%
Δ-9-THC	ND	ND
CBD-A	ND	ND
Δ-8-THC	ND	ND
THC-V	ND	ND
THC-A	ND	ND
CBN	10.70	1.07%
CBG-A	ND	ND
CBC	22.90	2.29%
CBD-V	3.62	0.36%
CBG	8.26	0.83%
<b>Total mg/g</b>	<b>911.95</b>	

**Percentage of Total Cannabinoids**



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 - This report shall not be reproduced without written approval from Botanica Testing Inc..  
 - Results relate only to the material and batch number analyzed.  
 - Total THC = (THC-A\*0.877)+THC      Total CBD = (CBD-A\*0.877)+CBD

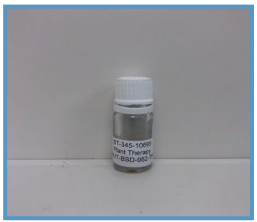
Client



**PLANT THERAPY**  
100% PURE ESSENTIAL OILS

Website






Website



Lab



**botanica**

**Sample: HC100**

**Raw Material Test**

**Aroma Profile**

Client: | Plant Therapy  
 Batch Number: | HC100  
 Internal Number: | BT-345-10699  
 Classification: | Bottle  
 Type: | Other




**Conclusion:**


*Adam Christensen*  
 Adam Christensen  
 Chief Executive Officer


*Daniel Morgan*  
 Daniel Morgan Ph.D.  
 Chief Scientific Officer


<b>Percent Identified: 50.95%</b>	
Top Terpenes	%
Myrcene	ND
beta-Caryophyllene	ND
Limonene	ND
alpha-Pinene	ND
Terpinolene	ND
alpha-Bisabolol	27.30%
beta-Eudesmol	8.08%
Cryptomeridiol	6.65%
alpha-Eudesmol	5.43%
10-epi-gamma-Eudesmol	4.95%
Guaiol	3.05%
Caryophyllene oxide	2.14%
	ND
	ND
	ND
	ND
	ND
	ND
	ND
	ND
	ND

**alpha-Bisabolol**

  
Green


  
Woody


  
Sweet





27.30%

**beta-Eudesmol**

  
Green

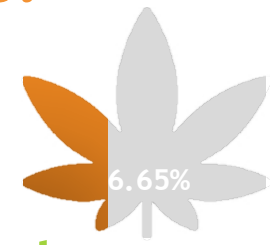
  
Woody

  
Herbal




8.08%


**Cryptomeridiol**




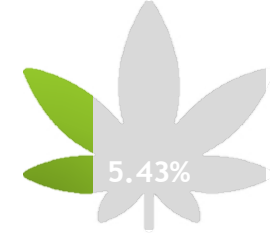
6.65%

**alpha-Eudesmol**

  
Green


  
Woody


  
Sweet




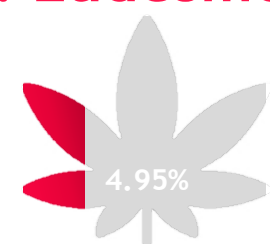
5.43%

**10-epi-gamma-Eudesmol**

  
Floral

  
Woody

  
Sweet



4.95%



### Full Terpene Report

Peak Number	Area %	Compound Name	Chemical Family
1	2.14%	Caryophyllene oxide	Sesquiterpene Ether
2	3.05%	Guaiol	Sesquiterpenol
3	4.95%	10-epi-gamma-Eudesmol	Sesquiterpenol
4	5.43%	alpha-Eudesmol	Sesquiterpenol
5	8.08%	beta-Eudesmol	Sesquiterpenol
6	27.30%	alpha-Bisabolol	Sesquiterpenol
7	6.65%	Cryptomeridiol	

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