

BOTANICA TESTING INC. | 747 SW 2ND AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044 | HTTP://BOTANICATESTING.COM/

Client  **Website** 



Website  **Lab** 

Label: MSFSD-500 10ml

Client: | Max & Steven's Premium Hemp Extracts
 Batch Number: | SM1001
 Internal Number: | BT-345-10644
 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) - 10ml
521.9

Conclusion:

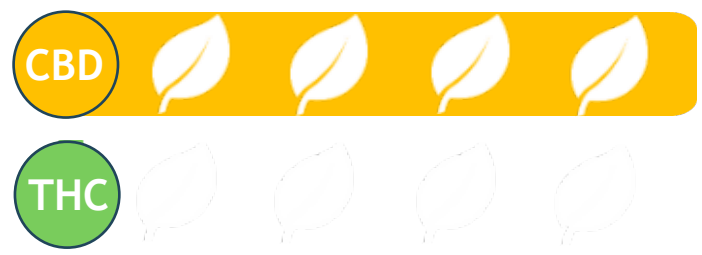
X 
 Adam Christensen
 Chief Executive Officer



X 
 Daniel Morgan Ph.D.
 Chief Scientific Officer

Total CBD
5.22%

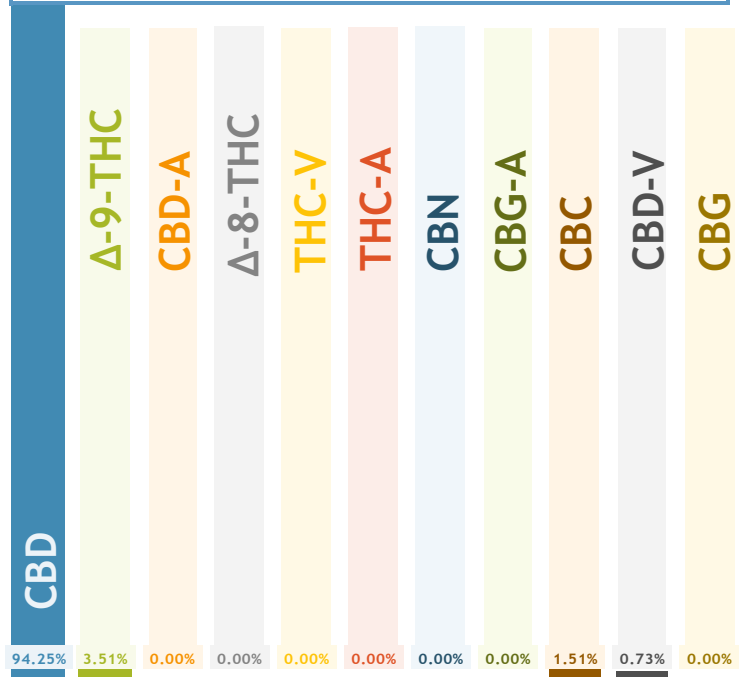
Total THC
0.19%



Cannabinoids By Weight:

Cannabinoids	mg/g	%
CBD	52.19	5.22%
Δ-9-THC	1.94	0.19%
CBD-A	ND	ND
Δ-8-THC	ND	ND
THC-V	ND	ND
THC-A	ND	ND
CBN	ND	ND
CBG-A	ND	ND
CBC	0.83	0.08%
CBD-V	0.41	0.04%
CBG	ND	ND
Total mg/g	55.38	

Percentage of Total Cannabinoids



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 - Total THC = (THC-A*0.877)+THC Total CBD = (CBD-A*0.877)+CBD

Client



Website



Website



Lab



Sample: MSFSD-500 10ml

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Conclusion:



X *Adam Christensen*

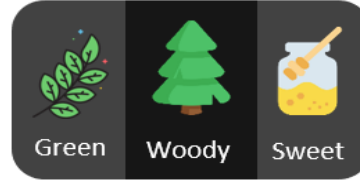
Adam Christensen
Chief Executive Officer

X *Daniel Morgan*

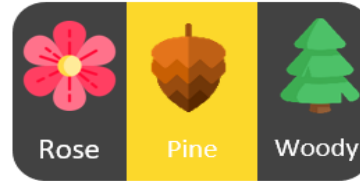
Daniel Morgan Ph.D.
Chief Scientific Officer

Aroma Profile

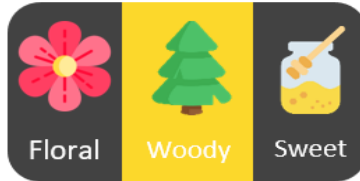
alpha-Bisabolol



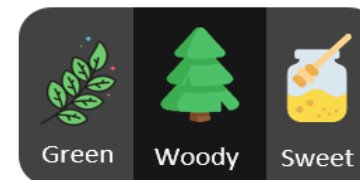
Guaiol



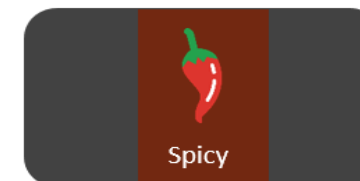
10-epi-gamma-Eudesmol



alpha-Eudesmol



Bulnesol



Percent Identified: **73.96%**

Top Terpenes	%	Standard 5
Myrcene	ND	
beta-Caryophyllene	6.22%	
Limonene	ND	
alpha-Pinene	ND	
Terpinolene	ND	
alpha-Bisabolol	11.58%	
Guaiol	9.91%	
10-epi-gamma-Eudesmol	9.71%	
alpha-Eudesmol	8.93%	
Bulnesol	7.98%	
beta-Eudesmol	6.69%	
beta-Caryophyllene	6.22%	
Caryophyllene oxide	5.79%	
trans-gamma-Bisabolene	2.52%	
alpha-Humulene	2.47%	
Selina-3,7(11)-diene	1.32%	
trans-alpha-Bergamotene	0.84%	
	ND	
	ND	
	ND	
	ND	

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Full Terpene Report

Peak Number	Area %	Compound Name	Chemical Family
1	6.22%	beta-Caryophyllene	Sesquiterpene
2	0.84%	trans-alpha-Bergamotene	Sesquiterpene
3	2.47%	alpha-Humulene	Sesquiterpene
4	2.52%	trans-gamma-Bisabolene	Sesquiterpene
5	1.32%	Selina-3,7(11)-diene	Sesquiterpene
6	5.79%	Caryophyllene oxide	Sesquiterpene Ether
7	9.91%	Guaiol	Sesquiterpenol
8	9.71%	10-epi-gamma-Eudesmol	Sesquiterpenol
9	6.69%	beta-Eudesmol	Sesquiterpenol
10	8.93%	alpha-Eudesmol	Sesquiterpenol
11	7.98%	Bulnesol	Sesquiterpenol
12	11.58%	alpha-Bisabolol	Sesquiterpenol

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Website  Lab **botanica** 


Label: MSFSD-500 10ml

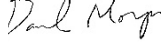
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Pesticides

Abamectin	ND ND	Paclobutrazol
Bifenazate	ND ND	Piperonyl Butoxide
Spinetoram	ND ND	Dimethomorph
Etoxazole	ND ND	Myclobutanil
Fenhexamid	ND ND	Spinosyn (D)
Fonicamid	ND ND	Spirotetramat
Fludioxonil	ND ND	Thiamethoxam
Imidacloprid	ND ND	Trifloxystrobin
Spinosyn (A)	ND ND	Pyrethrin (R1)
	PPB PPB	

Microbials

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

Residual Solvents

Isopentane	<5ppm	<5ppm	Acetonitrile
Propane	<5ppm	<5ppm	Tetrahydrofuran
Acetone	<50ppm	<5ppm	Toluene
Isobutane	<5ppm	<5ppm	Choloroform
Ethanol	<5ppm	<5ppm	C-Terracholoride
n-Heptane	<5ppm	<5ppm	Benzene
n-Hexane	<5ppm	<10ppm	M-xylene
n-Butane	<5ppm	<10ppm	P-xylene
n-Pentane	<5ppm	<10ppm	O-xylene
2-Propanol	<5ppm		
	PPM	PPM	

Heavy Metals

82 Pb Lead 207.2	ND PPM	48 Cd Cadmium 112.414	0.02 PPM
80 Hg Mercury 200.592	ND PPM	33 As Arsenic 74.922	0.01 PPM

Pesticide	conc.	LOQ (ppb)	Pesticide	conc.	LOQ (ppb)	Pesticide	conc.	LOQ (ppb)
2,4-D	ND	39	Cinerin I	ND	39	Fenbuconazole	ND	39
3-hydroxycarbofuran	ND	39	Cinerin II	ND	39	Fenhexamid	ND	39
Abamectin B1a	ND	1172	Clethodim I	ND	117	Fenobucarb	ND	39
Acephate	ND	117	Clethodim II	ND	39	Fenoxycarb	ND	39
Acequinocyl	ND	117	Clofentazine	ND	39	Fenpropimorph	ND	39
Acetamiprid	ND	39	Clothianidin	ND	39	Fenpyroximate	ND	39
Acibenzolar-S-methyl	ND	391	Coumaphos	ND	39	Fenuron	ND	39
Alanycarb	ND	117	Cyazofamid	ND	39	Fipronil	ND	39
Aldicarb	ND	391	Cycluron	ND	39	Flonicamid	ND	391
Aldicarb Sulfone	ND	39	Cymoxanil	ND	117	Fluazinam	ND	39
Aldicarb Sulfoxide	ND	39	Cyproconazole	ND	39	Fludioxonil	ND	39
Ametryn	ND	39	Cyprodinil	ND	39	Flufenacet	ND	39
Aminocarb	ND	39	Cyromazine	ND	39	Flufenoxuron	ND	39
Amitraz	ND	117	Daminozide	ND	39	Fluometuron	ND	39
Azoxystrobin	ND	39	Desmedipham	ND	117	Fluoxastrobin	ND	39
Benalaxyl	ND	39	Diazinon	ND	39	Fluquinconazole	ND	117
Bendiocarb	ND	39	Dichlorvos	ND	391	Flusilazole	ND	39
Benfuracarb	ND	39	Dicrotophos	ND	39	Flutolanil	ND	39
Benzoximate	ND	39	Diethofencarb	ND	39	Flutraifol	ND	39
Bifenazate	ND	39	Difenoconazole	ND	39	Forchlorfenuron	ND	39
Bitertanol	ND	39	Diflubenzuron	ND	39	Formetanate	ND	39
Boscalid	ND	39	Dimethoate	ND	39	Fuberdiazole	ND	39
Bromuconazole I	ND	39	Dimethomorph	ND	39	Furalaxyl	ND	39
Bromuconazole II	ND	39	Dimoxystrobin	ND	39	Furathiocarb	ND	39
Bupirimate	ND	39	Diniconazole	ND	39	Halofenozide	ND	117
Buprofezin	ND	39	Dinotefuran	ND	39	Hexaconazole	ND	39
Butafenacil	ND	39	Dioxacarb	ND	39	Hexaflumuron	ND	39
Butocarboxim	ND	39	Diuron	ND	39	Hexythiazox	ND	39
Butoxycarboxim	ND	39	Emamectin B1a	ND	39	Imazalil	ND	39
Captan	ND	117	Epoxiconazole	ND	39	Imidacloprid	ND	39
Carbaryl	ND	39	Eprinomectin	ND	391	Indoxacarb	ND	39
Carbendazim	ND	39	Ethiofencarb	ND	39	Ipconazole	ND	39
Carbetamide	ND	39	Ethiprole	ND	39	Iprovalicarb	ND	39
Carbofuran	ND	39	Ethirimol	ND	39	Isoprocab	ND	39
Carboxin	ND	39	Ethoprophos	ND	39	Isoproturon	ND	39
Carfentrazone-ethyl	ND	39	Etofenprox	ND	39	Jasmolin I	ND	39
Chlorantraniliprole	ND	39	Etoxazole	ND	39	Jasmolin II	ND	39
Chlorotoluron	ND	39	Fenamidone	ND	39	Kresoxym-methyl	ND	39
Chloroxuron	ND	39	Fenarimol	ND	117	Linuron	ND	39
Chlorpyrifos	ND	39	Fenazaquin	ND	39	Lufenuron	ND	39

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Pesticide	conc.	LOQ (ppb)	Pesticide	conc.	LOQ (ppb)	Pesticide	conc.	LOQ (ppb)
Malathion	ND	39	Picoxystrobin	ND	39	Terbutryn	ND	39
Mandipropamid	ND	39	Piperonyl Butoxide	ND	39	Tetraconazole	ND	39
Mefenacet	ND	39	Pyrimicarb	ND	39	Thiabendazole	ND	39
Mepanipyrim	ND	39	Prallethrin	ND	39	Thiacloprid	ND	39
Mepronil	ND	39	Prochloraz	ND	39	Thiamethoxam	ND	39
Mesotrione	ND	391	Promecarb	ND	39	Thidiazuron	ND	39
Metaflumizone	ND	39	Prometon	ND	39	Thiobencarb	ND	39
Metalaxyl	114.5	39	Prometryne	ND	39	Thiophanate-methyl	ND	39
Metconazole	ND	39	Propamocarb	ND	39	Triadimefon	ND	39
Methabenzthiazuron	ND	39	Propargite	ND	39	Triadimenol	ND	39
Methamidophos	ND	39	Propham	ND	117	Trichlorfon	ND	39
Methiocarb	ND	39	Propiconazole	ND	39	Tricyclazole	ND	39
Methomyl	ND	39	Propoxur	ND	39	Trifloxystrobin	ND	39
Methoprotryne	ND	39	Prothioconazole	ND	391	Triflumizole	ND	39
Methoxyfenozide	ND	39	Pymetrozine	ND	39	Triflumuron	ND	39
Methyl parathion	ND	39	Pyracarbolid	ND	39	Triticonazole	ND	39
Metobromuron	ND	39	Pyraclostrobin	ND	39	Vamidotion	ND	39
Metribuzin	ND	39	Pyrethrin I	ND	39	Zoxamide	ND	39
Mevinphos	ND	39	Pyrethrin II	ND	39			
Mexacarbate	ND	39	Pyridaben	ND	39			
MGK-264 I	ND	39	Pyrimethanil	ND	39			
MGK-264 II	ND	39	Pyriproxyfen	ND	39			
Monocrotophos	ND	39	Quinoxifen	ND	39			
Monolinuron	ND	39	Rotenone	ND	39			
Moxidectin	ND	117	Sebumeton	ND	39			
Myclobutanil	ND	39	Siduron	ND	39			
Naled	ND	1172	Simetryn	ND	39			
Neburon	ND	39	Spinetoram	ND	39			
Nitenpyram	ND	39	Spinosyn A	ND	39			
Novaluron	ND	39	Spinosyn D	ND	39			
Omethoate	ND	39	Spiromesifen	ND	391			
Oxadixyl	ND	39	Spirotetramat	ND	39			
Oxamyl	ND	39	Spiroxamine	ND	39			
Paclobutrazol	ND	39	Sulfentrazone	ND	39			
Penconazole	ND	39	Tebuconazole	ND	39			
Pencycuron	ND	39	Tebufenozide	ND	39			
Pentachloronitrobenzene	ND	39	Tebufenpyrad	ND	39			
Permethrin	ND	1172	Tebuthiuron	ND	39			
Phenmedipham	ND	39	Teflubenzuron	ND	39			
Phosmet	ND	391	Temephos	ND	39			