

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

<div style="background-color: #555; color: white; padding: 5px; font-weight: bold;">Client</div>	<div style="background-color: #0070C0; color: white; padding: 5px; font-weight: bold;">Website</div>		<div style="background-color: #0070C0; color: white; padding: 5px; font-weight: bold;">Website</div>	<div style="background-color: #555; color: white; padding: 5px; font-weight: bold;">Lab</div>
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Label: SM1003 - 500mg

Client: | Max & Steven's Premium Hemp Extracts
 Batch Number: | SM1003
 Internal Number: | BT-345-12227
 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
564.7

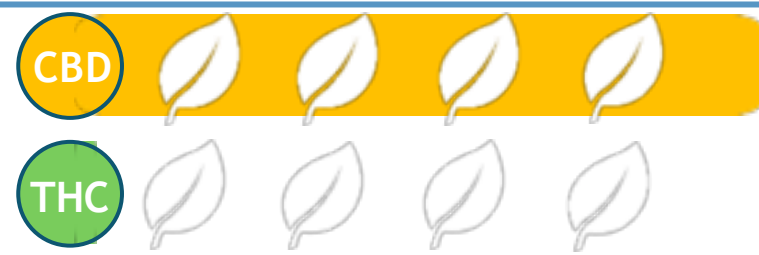
Conclusion:

X *Adam Christensen*
 Adam Christensen
 Chief Executive Officer

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

Total CBD
5.65%

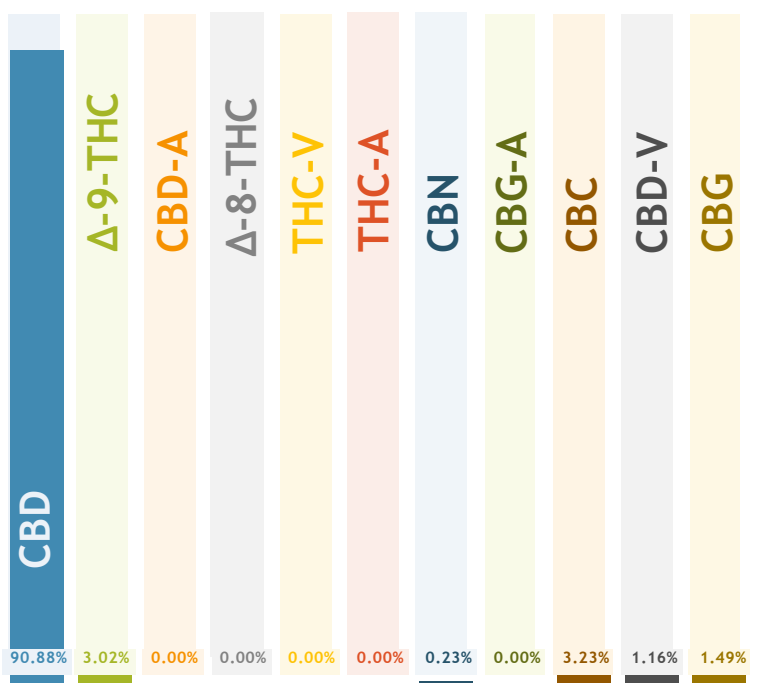
Total THC
0.19%



Cannabinoids By Weight:

Cannabinoids	mg/g	%
CBD	56.47	5.65%
Δ-9-THC	1.87	0.19%
CBD-A	ND	ND
Δ-8-THC	ND	ND
THC-V	ND	ND
THC-A	ND	ND
CBN	0.14	0.01%
CBG-A	ND	ND
CBC	2.01	0.20%
CBD-V	0.72	0.07%
CBG	0.93	0.09%
Total mg/g	62.14	

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



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Conclusion:

Adam Christensen
 Adam Christensen
 Chief Executive Officer

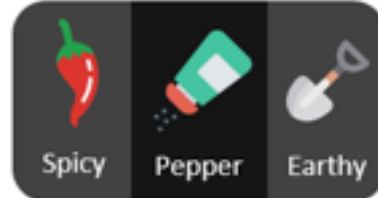
Daniel Morgan
 Daniel Morgan Ph.D.
 Chief Scientific Officer

Percent Identified: 65.22%

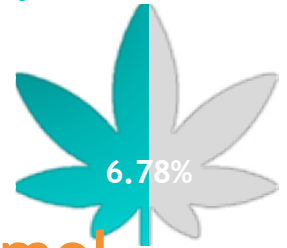
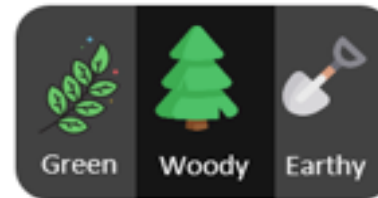
Top Terpenes	%	Standard 5
Myrcene	ND	
beta-Caryophyllene	14.54%	
Limonene	ND	
alpha-Pinene	ND	
Terpinolene	ND	
beta-Caryophyllene	14.54%	
beta-Eudesmol	6.78%	
gamma-Eudesmol	5.97%	
alpha-Humulene	5.88%	
Caryophyllene oxide	5.09%	
alpha-Bisabolol	4.16%	
Elemol	4.15%	
alpha-Selinene	4.05%	
allo-Aromadendrene	2.59%	
beta-Bisabolene	2.28%	
trans-alpha-Bergamotene	2.22%	
trans-alpha-Bisabolene	2.12%	
Valencene	1.93%	
alpha-Gurjunene	1.58%	
(E)-2-Hexenyl acetate	1.22%	
alpha-Terpineol	0.66%	

Aroma Profile

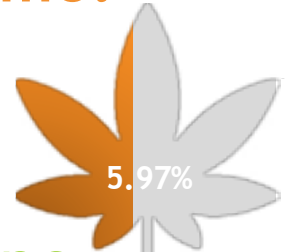
beta-Caryophyllene



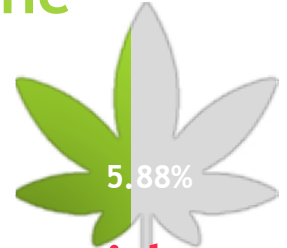
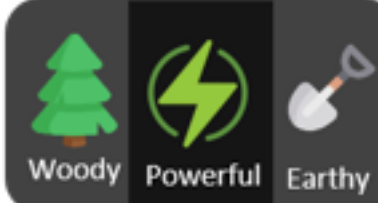
beta-Eudesmol



gamma-Eudesmol



alpha-Humulene



Caryophyllene oxide




Full Terpene Report

Peak Number	Area %	Compound Name	Chemical Family
1	1.22%	(E)-2-Hexenyl acetate	Aliphatic Ester
2	0.66%	alpha-Terpineol	Monoterpenol
3	2.22%	trans-alpha-Bergamotene	Sesquiterpene
4	14.54%	beta-Caryophyllene	Sesquiterpene
5	5.88%	alpha-Humulene	Sesquiterpene
6	2.28%	beta-Bisabolene	Sesquiterpene
7	4.05%	alpha-Selinene	Sesquiterpene
8	2.12%	trans-alpha-Bisabolene	Sesquiterpene
9	1.58%	alpha-Gurjunene	Sesquiterpene
10	1.93%	Valencene	Sesquiterpene
11	2.59%	allo-Aromadendrene	Sesquiterpene
12	4.15%	Elemol	Sesquiterpenol
13	5.09%	Caryophyllene oxide	Sesquiterpene Ether
14	5.97%	gamma-Eudesmol	Sesquiterpenol
15	4.16%	alpha-Bisabolol	Sesquiterpenol
16	6.78%	beta-Eudesmol	Sesquiterpenol

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Client  **Website** 






Website  **Lab** 

 **Pesticides** 
 **Residual Solvents** 

 **Microbials** 
 **Heavy Metals** 

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 X  X 
 Adam Christensen Daniel Morgan Ph.D.
 Chief Executive Officer 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

Microbials

Aspergillus terreus	ND CFU/g
Aspergillus niger	ND CFU/g
Aspergillus Fumigatus	ND CFU/g
Aspergillus Flavus	ND CFU/g
Salmonella	ND CFU/g
E.coli	ND CFU/g

Residual Solvents

Result	Result	Action Level
Acetone ND 750 Pass	Ethanol ND 500 Pass	
Acetonitrile ND 60 Pass	N-Pentane ND NT Pass	
Benzene ND 1 Pass	Propane ND 210 Pass	
Ethyl Acetate ND 400 Pass	Heptane ND 500 Pass	
N-Butane ND 2000 Pass	Toluene ND 150 Pass	
Chloroform ND 2 Pass	Total Xylenes ND 150 Pass	
N-Hexane ND 60 Pass	2-Propanol ND 500 Pass	
Ethyl Ether ND 500 Pass	Methanol ND 250 Pass	
1,2-Dichloroethane ND 2 Pass	Ethylene Oxide ND 5 Pass	
1,1-Dichloroethene ND 8 Pass	Trichloroethylene ND 25 Pass	
Ethylene Oxide ND 5 Pass		
Methalene Chloride ND 125 Pass		

Heavy Metals

	
Result ND	Action Level 0.2 (PPM)
	
Result ND	Action Level 0.1 (PPM)
	Result ND
	Action Level 0.5 (PPM)

Max & Steven's Premium Hemp Extracts - SM1003 - BT-345-12227

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Client

MAX & STEVENS

Website



Website



Lab



Pesticides

	<u>Result</u>	<u>Action Level</u>		<u>Result</u>	<u>Action Level</u>
Dimethoate	ND	0.1 ppm	Pass	Malathion	ND 0.2 ppm Pass
Abamectin b1a	ND	0.1 ppm	Pass	Cypermethrin	ND 0.5 ppm Pass
Cis-permethrin	ND	1 ppm	Pass	Daminozide	ND 0.1 ppm Pass
Acephate	ND	0.1 ppm	Pass	Metalaxyl	0.04 ppm 0.2 ppm Pass
Dimethomorph	ND	0.2 ppm	Pass	Dichlorvos	ND 0.1 ppm Pass
Ethoprophos	ND	0.1 ppm	Pass	Methiocarb	ND 0.05 ppm Pass
Acequinocyl	ND	0.1 ppm	Pass	Methomyl	ND 0.1 ppm Pass
Acetamiprid	ND	0.1 ppm	Pass	Diazanone	ND 0.1 ppm Pass
Etofenprox	ND	0.1 ppm	Pass	Mevinphos	ND 0.1 ppm Pass
Aldicarb	ND	0.1 ppm	Pass	Myclobutanil	ND 0.1 ppm Pass
Etoxazole	ND	0.1 ppm	Pass	Naled	ND 0.25 ppm Pass
Azoxystrobin	ND	0.01 ppm	Pass	Oxamyl	ND 0.5 ppm Pass
Fenhexamid	ND	0.1 ppm	Pass	Paclobutrazol	ND 0.1 ppm Pass
Bifenazate	ND	0.1 ppm	Pass	Trans-permethrin	ND 0.1 ppm Pass
Fenoxycarb	ND	0.1 ppm	Pass	Phosmet	ND 0.1 ppm Pass
Fenpyroximate	ND	0.1 ppm	Pass	Piperonyl butoxide	ND 3 ppm Pass
Bifenthrin	ND	0.1 ppm	Pass	Prallethrin	ND 0.1 ppm Pass
Carbaryl	ND	0.5 ppm	Pass	Propiconazole	ND 0.1 ppm Pass
Fipronil	ND	0.1 ppm	Pass	Propoxur	ND 0.1 ppm Pass
Flonicamid	ND	0.1 ppm	Pass	Pyrethrin i	ND 0.5 ppm Pass
Carbofuran	ND	0.1 ppm	Pass	Pyridaben	ND 0.2 ppm Pass
Chlorantraniliprole	ND	1 ppm	Pass	Spinosyn a	ND 0.1 ppm Pass
Fludioxonil	ND	0.1 ppm	Pass	Spinosyn d	ND 0.1 ppm Pass
Hexythiazox	ND	0.1 ppm	Pass	Spiromesifen	0.02 ppm 0.1 ppm Pass
Chlorfenapyr	ND	0.1 ppm	Pass	Spirotetramat	ND 0.1 ppm Pass
Imazalil	ND	0.1 ppm	Pass	Spiroxamine	ND 0.1 ppm Pass
Chlorpyrifos	ND	0.1 ppm	Pass	Tebuconazole	ND 0.1 ppm Pass
Imidacloprid	ND	0.4 ppm	Pass	Thiacloprid	ND 0.1 ppm Pass
Clofentezine	ND	0.2 ppm	Pass	Thiamethoxam	ND 0.5 ppm Pass
Kresoxim-methyl	ND	0.1 ppm	Pass	Trifloxystrobin	ND 0.1 ppm Pass
Coumaphos	ND	0.1 ppm	Pass		

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11/4/2019