



Max & Steven's Premium Hemp Extracts

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Max & Steven's Full Spectrum CBD Drops (500 mg)

Order ID#:	20201223-505	Date sampled:	18-Dec-2020
Lab Code#:	LC-20201223-1229	Date received:	22-Dec-2020
Product Type:	Tincture	Completed:	27-Jan-2021
Lot/Batch:	SM1006	Report expires:	27-Jan-2022
Unit Amount (mL):	10		

SAFETY ANALYSIS



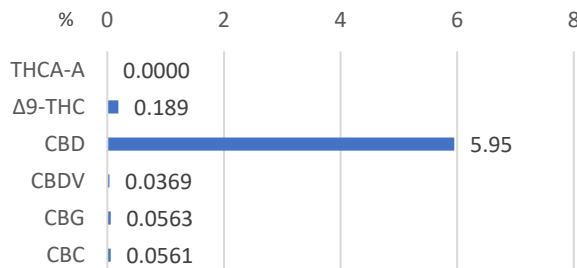
CANNABINOID PROFILE

CBD (mg)
- 10 mL - **595**
(59.5 mg/mL)

5.95%
Total CBD

0.19%
Total THC

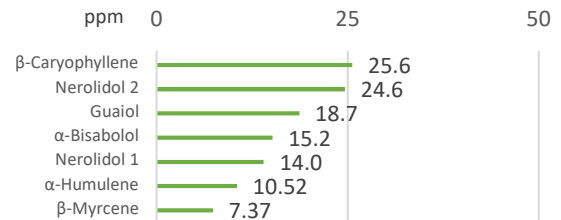
THC
- 10 mL - **PASS**



TOP TERPENES PROFILE (ppm)



Terpene	Result (ppm)	Result (%)
<i>β-Caryophyllene</i>	25.6	0.00256
<i>Nerolidol 2</i>	24.6	0.00246
<i>Guaiol</i>	18.7	0.00187
<i>α-Bisabolol</i>	15.2	0.00152
<i>Nerolidol 1</i>	14.0	0.00140
<i>α-Humulene</i>	10.52	0.00105
<i>β-Myrcene</i>	7.37	0.00074



Comments:

None.

Authorization



YoungChul Park, Ph.D., Lab Director
Approval Date: 27-Jan-2021

Test results are based solely upon the test article submitted to Americanna Laboratories, LLC in the condition it was received. Americanna Laboratories, LLC warrants that all analytical work was conducted in a professional manner in accordance with the requirements of ISO/IEC 17025:2017 (#102139), such as comparison to Certified Reference Materials and NIST traceable Reference Standards. This report shall not be reproduced, except in its entirety, without the written approval of Americanna Laboratories, LLC. Test results are confidential unless explicitly waived. Void after 1 year from test end date.

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CANNABINOIDS

Analyte	% ^a	mg/mL	mg/unit
THCA-A	ND	ND	ND
Δ9-THC	0.189	1.887	18.87
CBDA	ND	ND	ND
CBD	5.95	59.52	595.2
CBN	0.0152	0.1518	1.518
CBDV	0.0369	0.3691	3.691
Δ8-THC	ND	ND	ND
THCV	ND	ND	ND
CBG	0.0563	0.5626	5.626
CBGA	ND	ND	ND
CBC	0.0561	0.5611	5.611

Analysis Batch: WO-21010403
Analysis Date: Thursday, January 07, 2021
Test Method: SOP 6.6 (HPLC)

Total THC^a 1.89 mg/mL
0.19% **PASS**

Total CBD^c 59.5 mg/mL
5.95% **595 mg**

TOTAL^d 63 mg/mL
6.3% **630 mg**

- ^a Detection Level = 0.007% by weight.
^b Total THC is calculated as %THC + (%THCA × 0.877).
^c Total CBD is calculated as %CBD + (%CBDA × 0.877).
^d Total cannabinoids = absolute sum of all cannabinoids >LOD.

TERPENES

Analyte	Result (ppm)	Result (%)
α-Bisabolol	15.16	0.00152
α-Humulene	10.52	0.00105
α-Pinene	4.700	0.00047
α-Terpinene	6.100	0.00061
β-Caryophyllene	25.60	0.00256
β-Myrcene	7.368	0.00074
β-Ocimene 1	ND	ND
β-Ocimene 2	ND	ND
β-Pinene	5.040	0.00050
Camphene	ND	ND
Caryophyllene-oxide	10.26	0.00103
δ-3-Carene	4.444	0.00044

LOD = 0.00001%

Analysis Batch: WO-21012101
Analysis Date: Friday, January 22, 2021

Analyte	Result (ppm)	Result (%)
D-Limonene	4.620	0.00046
Eucalyptol	1.264	0.00013
γ-Terpinene	5.244	0.00052
Geraniol	ND	ND
Guaiol	18.68	0.00187
Isopulegol	ND	ND
Linalool	ND	ND
Nerolidol 1	14.02	0.00140
Nerolidol 2	24.64	0.00246
p-Cymene	2.500	0.00025
Terpinolene	1.536	0.00015

Total Terpenes: 161.7 0.01617
Total (µg/unit): 1617.0

Test Method: SOP 6.9
Instrument: Agilent GC-FID/MS, Instrument 36

Comments:

None.

Authorization



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 Approval Date: 27-Jan-2021

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PESTICIDES

Analyte	Action Level	Result (µg/g)
Abamectin	0.30	ND - Pass
Acephate	3.00	ND - Pass
Acequinocyl	2.00	ND - Pass
Acetamiprid	3.00	ND - Pass
Aldicarb	0.10	ND - Pass
Azoxystrobin	3.00	ND - Pass
Bifenazate	3.00	ND - Pass
Carbaryl	0.50	ND - Pass
Carbofuran	0.10	ND - Pass
Chlorantraniliprole	3.00	ND - Pass
Chlorfenapyr	0.05	ND - Pass
Chlorpyrifos	0.10	ND - Pass
Coumaphos	0.10	ND - Pass
Daminozide	0.10	ND - Pass
Diazinon	0.20	ND - Pass
Dichlorvos	0.10	ND - Pass
Dimethoate	0.10	ND - Pass
Dimethomorph (I/II)	3.00	ND - Pass
Ethoprophos	0.10	ND - Pass
Etofenprox	0.10	ND - Pass
Etoxazole	1.50	ND - Pass
Fenhexamid	3.00	ND - Pass
Fenoxycarb	0.10	ND - Pass
Fenpyroximate	2.00	ND - Pass
Fipronil	0.10	ND - Pass
Flonicamid	2.00	ND - Pass
Fludioxonil	3.00	ND - Pass

LOD = 0.01 µg/g

Analysis Batch: WO-21010405
Analysis Date: Tuesday, January 05, 2021

Analyte	Action Level	Result (µg/g)
Hexythiazox	2.00	ND - Pass
Imazalil	0.10	ND - Pass
Imidacloprid	1.00	ND - Pass
Kresoxim methyl	1.00	ND - Pass
Malathion	3.00	ND - Pass
Metalaxyl	0.10	ND - Pass
Methiocarb	0.10	ND - Pass
Methomyl	0.10	ND - Pass
Mevinphos (I/II)	0.10	ND - Pass
Myclobutanil	3.00	ND - Pass
Naled	0.50	ND - Pass
Oxamyl	1.50	ND - Pass
Phosmet	0.20	ND - Pass
Piperonyl butoxide	3.00	ND - Pass
Prallethrin	0.40	ND - Pass
Propiconazole	1.00	ND - Pass
Propoxur	2.10	ND - Pass
Pyrethrins	1.00	ND - Pass
Pyridaben	3.00	ND - Pass
Spinetoram (J/L)	3.00	ND - Pass
Spinosad A + D	3.00	ND - Pass
Spiromesifen	3.00	ND - Pass
Spirotetramat	3.00	ND - Pass
Spiroxamine (I/II)	0.10	ND - Pass
Tebuconazole	1.00	ND - Pass
Thiacloprid	0.10	ND - Pass
Thiamethoxam	1.00	ND - Pass
Trifloxystrobin	3.00	ND - Pass

Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 32

MYCOTOXINS

Analyte	Action Limit	Result	LOD	Unit
Aflatoxin, Total	0.020	Pass	0.005	µg/g
Ochratoxin A	0.020	Pass	0.005	µg/g

* Total Aflatoxin includes B1, B2, G1 and G2.

Analysis Batch: WO-21010405
Analysis Date: Tuesday, January 05, 2021

Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 33

Comments:

None.

Authorization



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RESIDUAL SOLVENTS

Analyte	Action Level	Result (µg/g)
1,2-Dichloroethane	5	ND - Pass
Acetone	5000	ND - Pass
Acetonitrile	410	ND - Pass
Benzene	2	ND - Pass
Butane	2000	ND - Pass
Chloroform	60	ND - Pass
Ethanol	5000	ND - Pass
Ethyl Acetate	5000	ND - Pass
Ethyl Ether	5000	ND - Pass
Ethylene Oxide	5	ND - Pass

Analyte	Action Level	Result (µg/g)
Heptane	5000	ND - Pass
Hexane	290	ND - Pass
Isopropyl Alcohol	500	ND - Pass
Methanol	3000	ND - Pass
Methylene Chloride	600	ND - Pass
Pentane	5000	ND - Pass
Propane	2100	ND - Pass
Toluene	890	ND - Pass
Trichloroethylene	80	ND - Pass
Xylenes, Total	2170	ND - Pass

Analysis Batch: WO-21010401
Analysis Date: Tuesday, January 05, 2021

Test Method: SOP 6.8
Instrument: Agilent GC-FID/MS, Instrument 36

MICROBIAL CONTAMINANTS

Test	Specification	Result	Unit	Report
Shiga toxin-producing E.coli (STEC)	Negative in 1g	Negative	cfu/1g	Pass
Salmonella	Negative in 1g	Negative	cfu/1g	Pass
Listeria	Negative in 1g	Negative	cfu/1g	Pass

Analysis Batch: WO-20122210
Analysis Date: Wednesday, December 23, 2020

Test Method: SOP 6.11 (qPCR)
Instrument: Agilent AriaMX, Instrument 43

HEAVY METALS

Element	Report	Result	Action Limit	LOD	Unit
Lead	Pass	ND	0.50	0.050	µg/g
Arsenic	Pass	ND	1.5	0.050	µg/g
Mercury	Pass	ND	3.0	0.005	µg/g
Cadmium	Pass	ND	0.50	0.050	µg/g

Analysis Batch: WO-21010404
Analysis Date: Wednesday, January 13, 2021

Test Method: SOP 6.10
Instrument: Agilent ICP/MS, Instrument 37

Comments:

None.

Authorization



YoungChul Park, Ph.D., Lab Director
 Approval Date: 27-Jan-2021

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