



The Veritas Farms

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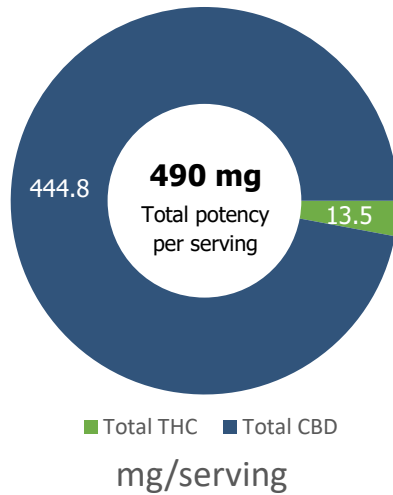
500mg Peppermint Tincture - VF Stock (P5007281 exp 01/24)

Order ID#:	20210802-1054	Lab Code#:	LC-20210802-2774
Product Type:	Tincture	Date sampled:	2-Aug-2021
Lot Number:	P5007281 exp 01/24	Date received:	4-Aug-2021
Batch Number:	T-500mg-P-07.07.21	Completed:	11-Aug-2021
		Report expires:	11-Aug-2022

SAFETY ANALYSIS

Microbials PASS	Mycotoxins PASS	Pesticides PASS	Metals PASS	Solvents PASS
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CANNABINOID PROFILE



Unit size (mL)
30

Total THC
Pass

TOP TERPENES PROFILE (ppm)



Terpene	Result (ppm)	Result (%)
<i>Isopulegol</i>	362.10	0.03621
<i>Eucalyptol</i>	175.06	0.01751
<i>D-Limonene</i>	92.060	0.00921
<i>β-Ocimene 1</i>	73.160	0.00732
<i>β-Pinene</i>	44.460	0.00445
<i>α-Pinene</i>	37.700	0.00377

FILTH AND FOREIGN MATERIAL

PASS

Analysis Batch: WO-21080419
Analysis Date: 5-Aug-2021
Instrument: Microscope I-39

WATER DETERMINATIONS

	Water activity	% Moisture
Analysis Batch:	WO-21080420	
Analysis Date:	5-Aug-2021	5-Aug-2021
Result:	0.4840	1.25%
Instrument:	I40	E15

Comments:

Density correction = 0.945g/ml.

Authorization



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Date: 2021.08.11 13:17:14 -04'00'

Steven Perez, Laboratory Director
Approval Date: 11-Aug-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	%	mg/mL	mg/unit	LOD (%)
THCA-A	ND	ND	ND	0.008
Δ9-THC	0.0475	0.4488	13.47	0.008
CBDA	ND	ND	ND	0.008
CBD	1.57	14.83	444.8	0.008
CBN	ND	ND	ND	0.008
CBDV	ND	ND	ND	0.008
Δ8-THC	ND	ND	ND	0.008
THCV	ND	ND	ND	0.008
CBG	0.0639	0.6039	18.12	0.008
CBGA	ND	ND	ND	0.008
CBC	0.0489	0.4617	13.85	0.008

Total THC^a 0.45 mg/g
0.047% **PASS**

Total CBD^b 14.8 mg/g
445 mg/unit

TOTAL^c 16.3 mg/g
490 mg/unit

Analysis Batch: WO-21080414
Analysis Date: Friday, August 06, 2021
Test Method: SOP 6.6 (HPLC)
Instrument: Agilent HPLC Instrument 33

^a Total THC is calculated as THC + (THCA × 0.877).
^b Total CBD is calculated as CBD + (CBDA × 0.877).
^c Total cannabinoids is the absolute sum of all cannabinoids above the level of detection.

TERPENES

Analyte	Result (µg/g)	Result (%)
α-Bisabolol	5.810	0.00058
α-Humulene	9.360	0.00094
α-Pinene	37.70	0.00377
α-Terpinene	9.800	0.00098
β-Caryophyllene	31.92	0.00319
β-Myrcene	23.10	0.00231
β-Ocimene 1	73.16	0.00732
β-Ocimene 2	ND	ND
β-Pinene	44.46	0.00445
Camphene	4.920	0.00049
Caryophyllene-oxide	4.300	0.00043
δ-3-Carene	4.960	0.00050

LOD = 0.0002%

Analysis Batch: WO-21080418
Analysis Date: Thursday, August 05, 2021

Analyte	Result (µg/g)	Result (%)
D-Limonene	92.06	0.00921
Eucalyptol	175.1	0.01751
γ-Terpinene	13.10	0.00131
Geraniol	ND	ND
Guaiol	3.670	0.00037
Isopulegol	362.1	0.03621
Linalool	11.87	0.00119
Nerolidol 1	18.84	0.00188
Nerolidol 2	ND	ND
p-Cymene	ND	ND
Terpinolene	6.870	0.00069

Total Terpenes: 933.06 0.0933
Total (µg/unit): 27991.80

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

Comments:

Density correction = 0.945g/ml.

Authorization



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Approval Date: 11-Aug-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
Bifenthrin*	0.50	ND - Pass
Boscalid*	3.00	ND - Pass
Captan	3.00	ND - Pass
Carbaryl	0.50	ND - Pass
Carbofuran	0.10	ND - Pass
Chlorantraniliprole	3.00	ND - Pass
Chlordane*	0.10	ND - Pass
Chlorfenapyr	0.05	ND - Pass
Chlormequat chloride	3.00	ND - Pass
Chlorpyrifos*	0.10	ND - Pass
Clofentezine	0.50	ND - Pass
Coumaphos	0.10	ND - Pass
Cyfluthrin*	1.00	ND - Pass
Cypermethrin*	1.00	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
Fonicamid	2.00	ND - Pass

Analyte	Action Level	Result (µg/g)
Fludioxonil	3.00	ND - Pass
Hexythiazox	2.00	ND - Pass
Imazalil	0.10	ND - Pass
Imidacloprid	3.00	ND - Pass
Kresoxim methyl	1.00	ND - Pass
Malathion	2.00	ND - Pass
Metalaxyl	3.00	ND - Pass
Methiocarb	0.10	ND - Pass
Methomyl	0.10	ND - Pass
Methyl parathion*	0.10	ND - Pass
Mevinphos (I/II)	0.10	ND - Pass
Myclobutanil	3.00	ND - Pass
Naled	0.50	ND - Pass
Oxamyl	0.50	ND - Pass
Paclbutrazol	0.10	ND - Pass
Pentachloronitrobenzer	0.20	ND - Pass
Permethrin*	1.00	ND - Pass
Phosmet	0.20	ND - Pass
Piperonyl butoxide	3.00	ND - Pass
Prallethrin	0.40	ND - Pass
Propiconazole	1.00	ND - Pass
Propoxur	0.10	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

* Denotes analysis by GC-MS/MS

Analysis Batch: WO-21080416
Analysis Date (LC): Saturday, August 07, 2021
Analysis Date (GC): Saturday, August 07, 2021

Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 32
Instrument: Agilent GC-MS/MS, Instrument 34

Comments:

None.

Authorization



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Steven Perez, Laboratory Director
 Approval Date: 11-Aug-2021

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MYCOTOXINS

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

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

Analysis Batch: WO-21080416 **Test Method:** SOP 6.7
Analysis Date: Saturday, August 07, 2021 **Instrument:** Agilent LC-MS/MS, Instrument 32

RESIDUAL SOLVENTS

Analyte	Action Level	Result (µg/g)	Analyte	Action Level	Result (µg/g)
1,2-Dichloroethane	5	ND - Pass	Heptane	5000	ND - Pass
Acetone	5000	ND - Pass	Hexane	290	ND - Pass
Acetonitrile	410	ND - Pass	Isopropyl Alcohol	500	ND - Pass
Benzene	2	ND - Pass	Methanol	3000	ND - Pass
Butane	2000	ND - Pass	Methylene Chloride	600	ND - Pass
Chloroform	60	ND - Pass	Pentane	5000	ND - Pass
Ethanol	5000	208.2 - Pass	Propane	2100	ND - Pass
Ethyl Acetate	5000	ND - Pass	Toluene	890	ND - Pass
Ethyl Ether	5000	ND - Pass	Trichloroethylene	80	ND - Pass
Ethylene Oxide	5	ND - Pass	Xylenes, Total	2170	ND - Pass

LOD = 20 µg/g

Analysis Batch: WO-21080417 **Test Method:** SOP 6.8
Analysis Date: Saturday, August 07, 2021 **Instrument:** Agilent GC-FID/MS, Instrument 36

MICROBIAL CONTAMINANTS

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

Analysis Batch: WO-21080413 **Test Method:** SOP 6.11 (qPCR)
Analysis Date: Friday, August 06, 2021 **Instrument:** Agilent AriaMX, Instrument 43

HEAVY METALS

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

Analysis Batch: WO-21080415 **Test Method:** SOP 6.10
Analysis Date: Monday, August 09, 2021 **Instrument:** Agilent ICP/MS, Instrument 37

Comments:

None.

Authorization

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Steven Perez, Laboratory Director

Approval Date: 11-Aug-2021

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