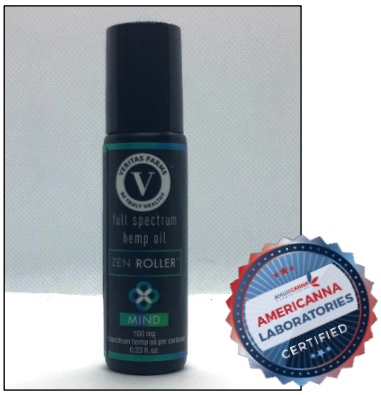
Certificate of Analysis

LC-20200914-461



The Veritas Farms
1512 E. Broward Blvd #300
Ft. Lauderdale, Florida 33301
www.theveritasfarms.com

100mg Zen Mind Essential FS Oil Roller (EP109140 exp 03/23)

Order ID#:	**20200914-209**	Lab Code#:	LC-20200914-461
Product Type:	Personal care	Sample date:	14-Sep-2020
Lot Number:	EP109140 exp 03/23	Sample received:	16-Sep-2020
Batch Number:	EO-100mg-ZenMind-09.04.20	Completed:	23-Sep-2020
Unit Amount (g):	9.76	Report expires:	23-Sep-2021

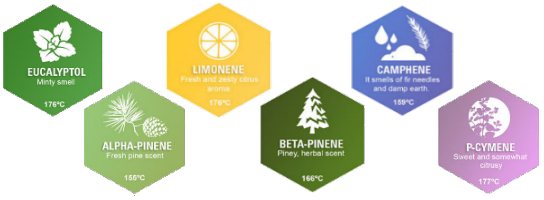
SAFETY ANALYSIS

Microbials	Mycotoxins	Pesticides	Metals	Solvents
PASS	PASS	PASS	PASS	PASS

CANNABINOID PROFILE

Total CBD (mg/package)	**111**
1.14% Total CBD	**0.06%** Total THC
Total (mg/package)	**140**

TOP TERPENES PROFILE (ppm)



Terpene	Result (ppm)	Result (%)
Eucalyptol	1370.160	0.13702
α-Pinene	341.808	0.03418
δ-Limonene	291.952	0.02920
β-Pinene	130.228	0.01302
Camphene	95.780	0.00958
p-Cymene	74.550	0.00746

FILTH AND FOREIGN MATERIAL

PASS

Analysis Batch: WO-20091701
Analysis Date: 22-Sep-2020
Instrument: Microscope I-39

% MOISTURE / WATER ACTIVITY

% Moisture (%M): 2.97%
Water Activity (A_w): 0.5251
Analysis Batch: WO-20091705
Analysis Date: 18-Sep-2020
Instrument: E15, I-40

Comments:
None.

Authorization

Digitally signed by YoungChul Park
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Date: 2020.09.23 16:58:24 -04'00'

YoungChul Park, Ph.D., Laboratory Director
Approval Date: 23-Sep-2020

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- continued -

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LC-20200914-461

CANNABINOIDS

Analyte	%	mg/g	mg/unit	LOD (%)
THCA-A	0.0181	0.1812	1.768	0.0008
Δ9-THC	0.0449	0.4492	4.384	0.0008
CBDA	ND	ND	ND	0.0008
CBD	1.14	11.39	111.2	0.0008
CBN	ND	ND	ND	0.0008
CBDV	0.00825	0.08245	0.8047	0.0008
Δ8-THC	0.00409	0.04095	0.3996	0.0008
THCV	0.119	1.186	11.576	0.0008
CBG	0.0585	0.5847	5.706	0.0008
CBGA	0.00449	0.04488	0.4380	0.0008
CBC	0.0385	0.3850	3.757	0.0008

Total THC [a]	0.45 mg/g
0.06%	PASS

Total CBD [b]	11.4 mg/g
1.14%	111 mg

TOTAL [c]	14.3 mg/g
1.43%	140 mg

Analysis Batch: WO-20091704
Analysis Date: 18-Sept-2020
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	2.786	0.00028
α-Humulene	6.860	0.00069
α-Pinene	341.8	0.03418
α-Terpinene	23.53	0.00235
β-Caryophyllene	49.02	0.00490
β-Myrcene	68.22	0.00682
β-Ocimene 1	ND	ND
β-Ocimene 2	ND	ND
β-Pinene	130.2	0.01302
Camphene	95.78	0.00958
Caryophyllene-oxide	2.202	0.00022
δ-3-Carene	8.906	0.00089

LOD = 0.0002%

Analyte	Result (µg/g)	Result (%)
δ-Limonene	292.0	0.02920
Eucalyptol	1370	0.13702
γ-Terpinene	ND	ND
Geraniol	ND	ND
Guaiol	3.658	0.00037
Isopulegol	ND	ND
Linalool	36.35	0.00364
Nerolidol 1	ND	ND
Nerolidol 2	ND	ND
p-Cymene	74.55	0.00746
Terpinolene	13.44	0.00134
Total Terpenes:	**2519**	**0.25195**
Total (µg/unit):	**24588.0**	

Analysis Batch: WO-20091033
Analysis Date: Friday, September 18, 2020
Test Method: SOP 6.9
Instrument: Agilent GC-FID/MS, Instrument 36

Comments:

None.

Authorization

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Date: 2020.09.23 16:59:11 -04'00'

YoungChul Park, Ph.D., Laboratory Director
Approval Date: 23-Sep-2020

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PESTICIDES

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

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

Analysis Batch: WO-20091703
Analysis Date: Saturday, September 19, 2020
Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 32

MYCOTOXINS

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

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

Analysis Batch: WO-20091703
Analysis Date: Saturday, September 19, 2020
Test Method: SOP 6.7
Instrument: Agilent LC-MS/MS, Instrument 33

Comments:

None.

Authorization

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LC-20200914-461

RESIDUAL SOLVENTS

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

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

Analysis Batch: WO-20091602
Analysis Date: Friday, September 18, 2020
Test Method: SOP 6.8
Instrument: Agilent GC-FID/MS, Instrument 36

MICROBIAL CONTAMINANTS

Test	Report	Result	Specification
Shiga toxin-producing E.coli (STEC)	Pass	Absent	Presence/Absent in 1 g
Escherichia coli (E. coli)	Pass	Absent	Presence/Absent in 1 g
Salmonella	Pass	Absent	Presence/Absent in 1 g
Listeria	Pass	Absent	Presence/Absent in 1 g

Analysis Batch: WO-20091604
Analysis Date: Thursday, September 17, 2020
Test Method: SOP 6.11 (qPCR)
Instrument: Agilent AriaMX, Instrument 38

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-20091702
Analysis Date: Friday, September 18, 2020
Test Method: SOP 6.10
Instrument: Agilent ICP/MS, Instrument 37

Comments:

None.

Authorization

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Date: 2020.09.23 17:00:06 -04'00'

YoungChul Park, Ph.D., Laboratory Director
Approval Date: 23-Sep-2020

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- end of report -

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