



The Veritas Farms
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1000mg Cooling Menthol Salve (CM1010010 exp 04/23)

Order ID#: 20201005-275 **Lab Code#:** LC-20201005-645
Product Type: Personal care **Sample date:** 14-Oct-2020
Lot Number: CM1010010 exp 04/23 **Sample received:** 15-Oct-2020
Batch Number: S-1000mg-CM-09.25.20 **Completed:** 28-Oct-2020
Unit Amount (g): 57 **Report expires:** 28-Oct-2021

SAFETY ANALYSIS

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

Total CBD - mg/unit - 890

1.56% Total CBD **PASS** Total THC

Total Potency - mg/unit - 1007

TOP TERPENES PROFILE (ppm)

EUCALYPTOL Minty smell 176°C	ALPHA-PINENE Fresh pine scent 155°C	LIMONENE Fresh citrus/lemon/orange 176°C	DELTA-3-CARENE Sweet leafy aroma with piney undertones 171°C	p-CYME Sweet and camphor-like 173°C	CAMPHE Hints of pine and damp earth 189°C
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Terpene	Result (ppm)	Result (%)
<i>Eucalyptol</i>	1299.484	0.12995
<i>α-Pinene</i>	835.794	0.08358
<i>δ-Limonene</i>	583.828	0.05838
<i>δ-3-Carene</i>	296.070	0.02961
<i>p-Cymene</i>	113.280	0.01133
<i>Camphene</i>	65.390	0.00654

FILTH AND FOREIGN MATERIAL

PASS

Analysis Batch: WO-20100807
Analysis Date: 12-Oct-2020
Instrument: Microscope I-39

WATER DETERMINATIONS

	Water activity	% Moisture
Analysis Batch:	WO-20101610	
Analysis Date:	8-Oct-2020	8-Oct-2020
Result:	0.4853	1.94%
Instrument:	I40	E15

Comments:

None.

Authorization



YoungChul Park, Ph.D., Laboratory Director
Approval Date: 28-Oct-2020

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/g	mg/unit	LOD (%)
THCA-A	0.0088	0.0876	4.99	0.0006
Δ9-THC	0.0581	0.5811	33.12	0.0006
CBDA	ND	ND	ND	0.0006
CBD	1.561	15.610	889.8	0.0006
CBN	ND	ND	ND	0.0006
CBDV	0.00824	0.08236	4.694	0.0006
Δ8-THC	ND	ND	ND	0.0006
THCV	ND	ND	ND	0.0006
CBG	0.0691	0.6910	39.39	0.0006
CBGA	ND	ND	ND	0.0006
CBC	0.0607	0.6069	34.59	0.0006

Total THC^a
0.07% **PASS**

Total CBD^b 15.6 mg/g
890 mg/unit

TOTAL^c 17.7 mg/g
1007 mg/unit

Analysis Batch: WO-20100809

Analysis Date: 10-October-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	4.648	0.00046
α-Humulene	8.658	0.00087
α-Pinene	835.8	0.08358
α-Terpinene	7.990	0.00080
β-Caryophyllene	28.02	0.00280
β-Myrcene	4.328	0.00043
β-Ocimene 1	ND	ND
β-Ocimene 2	ND	ND
β-Pinene	2.632	0.00026
Camphene	65.39	0.00654
Caryophyllene-oxide	ND	ND
δ-3-Carene	296.1	0.02961

LOD = 0.0002%

Analyte	Result (µg/g)	Result (%)
δ-Limonene	583.8	0.05838
Eucalyptol	1299	0.12995
γ-Terpinene	27.08	0.00271
Geraniol	ND	ND
Guaiol	2.864	0.00029
Isopulegol	ND	ND
Linalool	7.074	0.00071
Nerolidol 1	ND	ND
Nerolidol 2	4.946	0.00049
p-Cymene	113.3	0.01133
Terpinolene	3.868	0.00039

Total Terpenes: 3296 0.32960

Total (µg/unit): 187869.3

Analysis Batch: WO-20100806

Analysis Date: Friday, October 09, 2020

Test Method: SOP 6.9

Instrument: Agilent GC-FID/MS, Instrument 36

Comments:

None.

Authorization



YoungChul Park, Ph.D., Laboratory Director

Approval Date: 28-Oct-2020

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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

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

Analysis Batch: WO-20100804
Analysis Date: Thursday, October 08, 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-20100804
Analysis Date: Thursday, October 08, 2020

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

Comments:

None.

Authorization



YoungChul Park, Ph.D., Laboratory Director
 Approval Date: 28-Oct-2020

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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-20100805
Analysis Date: Friday, October 09, 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/Absence in 1 g
Escherichia coli (E. coli)	Pass	Absent	Presence/Absence in 1 g
Salmonella	Pass	Absent	Presence/Absence in 1 g
Listeria	Pass	Absent	Presence/Absence in 1 g

Analysis Batch: WO-20100709
Analysis Date: Thursday, October 08, 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-20100803
Analysis Date: Thursday, October 08, 2020

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

Comments:

None.

Authorization



YoungChul Park, Ph.D., Laboratory Director
 Approval Date: 28-Oct-2020

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