

Phone: 904.549.5948 | americannal aboratories.com

State Lic.# CMTL-00009 | ISO/IEC 17025:2017 #102139

Certificate of Analysis

Healthy Dog Mobility and Joint Wellness Oil 750mg

Derivative (Tincture) R&D: Not for Retail LC-20230315-6130



The Trusted Lab

1334 Motor Circle Dallas, TX 75207 http://www.thetrustedlab.com



Healthy Dog Mobility and Joint Wellness Oil 750ma

Harvest/Lot ID: 031523

Batch ID: NA

Sample Size: 30 mL Compliance: Hemp

Order ID: 20230315-2246 Sampled on: 03/15/2023

Batch Date: NA

Product Type: Derivative (Tincture)

Sample ID: LC-20230315-6130 Received on: 2023-03-17 16:00:00



RESULTS SUMMARY



Potency TESTED



Terpenes NOT TESTED



Heavy Metals PASS



Pesticides





Mycotoxins PASS



Micro - Hemp **PASS**



Residual Solvents PASS



Foreign Material **NOT TESTED**

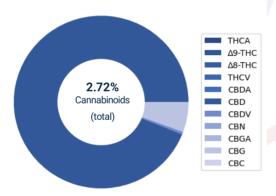


Water Activity TESTED



Moisture **TESTED**

CANNABINOID PROFILE (%)



Cannabinoid	%	mg/g
Total THC	0.00	0.00
Total CBD	2.55	25.55
Total CBG	0.15	1.53
Total Cannabinoids	2.72	

Total THC = THC + (THCA * 0.877) Total CBD = CBD + (CBDA * 0.877) Total CBG = CBG + (CBGA * 0.877)

Comments:

30mL/package. 1mL/serving.

- continued -

FORM: COA58.10

This analysis report shall not be reproduced, except in full, without written consent from Americanna Labs. Test results relate only to the product or material tested and are confidential unless explicitly waived otherwise. Void 1 year from completion date. ND=NtO Tested, DN=NtO Tested, DN=Parts per million, ppb=parts per billion. Limit of Detection (LOD) and Limit of Quantitation (LOQ) are terms used to describe the smallest concentrations which can be reliably measured by a testing methodology. RPD=relative percent difference. Action Levels are State of FL determined thresholds. Measurement Uncertainty is available from the lab upon request. The reported pass/fail within does not include MU.









Executive Laboratory Director

04/05/2023



Certificate of Analysis

LC-20230315-6130

Healthy Dog Mobility and Joint Wellness Oil 750mg Derivative (Tincture) R&D: Not for Retail



CANNABINOIDS (POTENCY)

Phone: 904.549.5948 | americannal aboratories.com

State Lic.# CMTL-00009 | ISO/IEC 17025:2017 #102139

Analysis Batch: WO-23031704A Analysis Date: 03/21/2023 10:57 PM Analysis Method: SOP 6.6 Instrument: Agilent HPLC I-33

Cannabinoid	Result (mg/g)	Result (%)	LOD (%)	Dilution	mg/Serving	mg/Package
THCA	ND	ND	0.030	10	ND	ND
Δ9-THC	ND	ND	0.030	10	ND	ND
Δ8-THC	ND	ND	0.030	10	ND	ND
THCV	ND	ND	0.030	10	ND	ND
CBDA	ND	ND	0.030	10	ND	ND
CBD	25.546	2.555	0.030	10	25.55	766.37
CBDV	0.127	0.013	0.030	10	ND	ND
CBN	ND	ND	0.030	10	ND	ND
CBGA	ND	ND	0.030	10	ND	ND
CBG	1.529	0.153	0.030	10	1.53	45.88
CBC	ND	ND	0.030	10	ND	ND
Total THC	ND	ND			ND	ND
Total CBD	25.546	2.555			25.55	766.37
Total CBG	1.529	0.153			1.53	45.88
Total Cannabinoids	27.202	2.720			27.20	816.05

MOISTURE DETERMINATION

Analysis Batch: WO-23032911

Analysis Date: 03/31/2023 07:47 PM

Result (%)

Moisture 1.09

WATER ACTIVITY

Analysis Batch: WO-23032911 Analysis Date: 04/01/2023 01:10 AM

Result (Aw) Water Activity 0.4278

MICROBIAL PANEL A - HEMP COMPLIANCE

PASS

Analysis Batch: WO-23032909 Analysis Date: 04/04/2023 02:00 PM Analysis Method: SOP 6.11 | SOP 6.14 (Plating)

Instrument: See Below

Analysis Method: SOP 6.12

Analysis Method: SOP 6.12

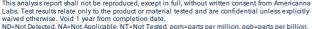
Instrument: AquaLab 4TE (I-40)

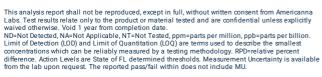
Instrument: Shimadzu MOC63u (I-45)

Target	Result (CFU/g)	Limit (CFU/g)	Method	Instrument
Listeria monocytogenes	ND	None Present	SOP 6.11	Agilent AriaMX, I-43
Salmonella	ND	None Present	SOP 6.11	Agilent AriaMX, I-43
Shiga toxin producing E. coli - [STEC)	ND	None Present	SOP 6.11	Agilent AriaMX, I-43

- continued -

FORM: COA58.10













Executive Laboratory Director

04/05/2023



Certificate of Analysis

Healthy Dog Mobility and Joint Wellness Oil
750mg
Derivative (Tincture)



HEAVY METALS

R&D: Not for Retail LC-20230315-6130

Analysis Batch: WO-23032910 **Analysis Date**: 04/03/2023 02:00 PM

Phone: 904.549.5948 | americannal aboratories.com

State Lic.# CMTL-00009 | ISO/IEC 17025:2017 #102139

Analysis Method: SOP 6.10 **Instrument:** Agilent ICP/MS (I-37)

Analysis Method: SOP 6.7

Metal	Result (ppm)	LOD (ppm)	Limit (ppm)	
Arsenic	ND	0.05	1.5	
Cadmium	ND	0.05	0.5	

Metal	Result (ppm)	LOD (ppm)	Limit (ppm)	
Lead	ND	0.05	0.5	_
Mercury	ND	0.005	3.0	

AGRICULTURAL AGENTS (PESTICIDES)



Analysis Batch: WO-23032913 Analysis Date: 03/30/2023 11:25 PM

Action Limit LOD **Pesticide** (ppm) (ppm) (ppm) Abamectin ND 0.3 0.01 Acephate ND 3.0 0.01 2.0 Acequinocyl ND 0.01 Acetamiprid ND 3.0 0.01 Aldicarb ND 0.1 0.01 Azoxystrobin ND 3.0 0.01 Bifenazate ND 3.0 0.01 Bifenthrin* ND 0.5 0.01 Boscalid* ND 3.0 0.01 Captan* ND 3.0 0.01 Carbaryl ND 0.5 0.01 Carbofuran ND 0.1 0.01 Chlorantraniliprole ND 3.0 0.01 Chlordane* ND 0.1 0.01 Chlorfenapyr* ND 0.05 0.01 Chlormequat chloride ND 3.0 0.01 Chlorpyrifos* ND 0.1 0.01 Clofentezine ND 0.5 0.01 Coumaphos ND 0.1 0.01 Cyfluthrin* ND 1.0 0.01 ND Cypermethrin* 1.0 0.01 ND 0.01 Daminozide 0.1 Diazinon ND 0.2 0.01**Dichlorvos** ND 0.1 0.01 Dimethoate ND 0.1 0.01 Dimethomorph (I/II) ND 3.0 0.01 Ethoprophos (Prophos) ND 0.1 0.01 Etofenprox ND 0.1 0.01 ND 0.01 Etoxazole 1.5 ND 3.0 0.01 Fenhexamid ND 0.1 0.01 Fenoxycarb Fenpyroximate ND 2.0 0.01

Instrument: Agilent LC/TQ (I-32) and Agilent GC/TQ (I-34)

Pesticide

Result Action Limit

Pesticide	Result (ppm)	Action Limit (ppm)	LOD (ppm)
Flonicamid	ND	2.0	0.01
Fludioxonil	ND	3.0	0.01
Hexythiazox	ND	2.0	0.01
Imazalil	ND	0.1	0.01
Imidacloprid	ND	3.0	0.01
Kresoxim-methyl	ND	1.0	0.01
Malathion	ND	2.0	0.01
Metalaxyl	ND	3.0	0.01
Methiocarb	ND	0.1	0.01
Methomyl	ND	0.1	0.01
Methyl parathion*	ND	0.1	0.01
Mevinphos (I/II)	ND	0.1	0.01
Myclobutanil	ND	3.0	0.01
Naled	ND	0.5	0.01
Oxamyl	ND	0.5	0.01
Paclobutrazol	ND	0.1	0.01
Pentachloronitrobenzene*	ND	0.2	0.01
Permethrin*	ND	1.0	0.01
Phosmet	ND	0.2	0.01
Piperonyl butoxide	ND	3.0	0.01
Prallethrin	ND	0.4	0.01
Propiconazole	ND	1.0	0.01
Propoxur	ND	0.1	0.01
Pyrethrins	ND	1.0	0.01
Pyridaben	ND	3.0	0.01
Spinetoram (J/L)	ND	3.0	0.01
Spinosad (A+D)	ND	3.0	0.01
Spiromesifen	ND	3.0	0.01
Spirotetramat	ND	3.0	0.01
Spiroxamine (I/II)	ND	0.1	0.01
Tebuconazole	ND	1.0	0.01
Thiacloprid	ND	0.1	0.01
Thiamethoxam	ND	1.0	0.01
Trifloxystrobin	ND	3.0	0.01

Fipronil

- continued -

FORM: COA58.10









ND

0.1

0.01

^{*}Analyzed by GC/TQ.



Certificate of Analysis

Healthy Dog Mobility and Joint Wellness Oil 750mg Derivative (Tincture)



PASS

PASS

R&D: Not for Retail LC-20230315-6130

MYCOTOXINS

Analysis Batch: WO-23032914 Analysis Date: 03/31/2023 04:24 PM

Phone: 904.549.5948 | americannal aboratories.com

State Lic.# CMTL-00009 | ISO/IEC 17025:2017 #102139

Mycotoxin	Result (ppm)	LOD (ppm)	Limit (ppm)	
Aflatoxin B1	ND	0.005		Ī
Aflatoxin B2	ND	0.005		
Aflatoxin G1	ND	0.005		

Analysis Method: SOP 6.7 Instrument: Agilent LC/TQ (I-32)

Mycotoxin	Result (ppm)	LOD (ppm)	Limit (ppm)	
Aflatoxin G2	ND	0.005		
Ochratoxin A	ND	0.005	0.02	
Total Aflatoxins	ND		0.02	

RESIDUAL SOLVENTS

Analysis Batch: WO-23032912 Analysis Date: 03/31/2023 05:52 AM

Solvent	Result (ppm)	LOD (ppm)	Limit (ppm)
1, 1 Dichloroethene	ND	0.7	8
1, 2 Dichloroethane	ND	0.1	5
Acetone	ND	1.3	5000
Acetonitrile	ND	0.6	410
Benzene	ND	0.1	2
Butane	ND	12.4	2000
Chloroform	ND	0.1	60
Ethanol	ND	0.7	5000
Ethyl acetate	ND	0.1	5000
Ethyl ether	ND	1.2	5000

Analysis Method: SOP 6.8

Instrument: Agilent HS-GC-FID/MS (I-36)

Solvent	Result (ppm)	LOD (ppm)	Limit (ppm)	
Ethylene Oxide	ND	0.5	5	_
Heptane	ND	0.6	5000	
Hexane	ND	0.1	290	
Isopropyl alcohol	ND	2.0	500	
Methanol	ND	1.4	3000	
Methylene chloride	ND	0.6	600	
Pentane	ND	0.9	5000	
Propane	ND	1.4	2100	
Toluene	ND	0.2	890	
Total Xylenes	ND	0.2	2170	
Trichloroethylene	ND	0.6	80	

- End of report -



