

11757 Central Pkwy | Jacksonville, Florida 32224 Phone: 904.549.5948 | americannal aboratories.com State Lic.# CMTL-00009 | ISO/IEC 17025:2017 #102139 **Certificate of Analysis** 

Wellness Soft Gels 300MG Edible (Capsule) R&D: Not for Retail LC-20230104-5799



#### The Trusted Lab

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



### Wellness Soft Gels 300MG

Harvest/Lot ID: 2022

Batch ID: NA

Sample Size: 30 soft gels

Compliance: Hemp

Order ID: 20230104-2126 Sampled on: 01/04/2023

**Batch Date: NA** 

Product Type: Edible (Capsule)

Sample ID: LC-20230104-5799 Received on: 2023-01-06 18:50:00



# **RESULTS SUMMARY**



**Potency TESTED** 



**Terpenes NOT TESTED** 



**Heavy Metals PASS** 



**Pesticides PASS** 



Mycotoxins **PASS** 



Micro - Hemp PASS



**Residual Solvents PASS** 



Foreign Material **NOT TESTED** 

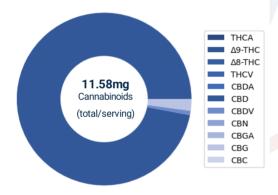


**Water Activity TESTED** 



Moisture **TESTED** 

### **CANNABINOID PROFILE (mg/g)**



Cannabinoid	%	mg/g
Total THC	0.00	
Total CBD	1.90	18.95
Total CBG	0.04	0.43
Total Cannabinoids	1.95	

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

Comments:

30 gels/package. 1 gel/serving.

- continued -

#### FORM: COA58.7









Executive Laboratory Director

01/30/2023



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# **CANNABINOIDS (POTENCY)**

**Analysis Batch:** W0-23010607 **Analysis Date:** 2023-01-12 14:00:00

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	1	ND	ND
Δ9-THC	ND	ND	0.030	1	ND	ND
Δ8-THC	ND	ND	0.030	1	ND	ND
THCV	ND	ND	0.030	1	ND	ND
CBDA	ND	ND	0.030	1	ND	ND
CBD	18.955	1.895	0.030	5	11.23	336.92
CBDV	0.156	0.016	0.030	1	0.09	2.78
CBN	ND	ND	0.030	1	ND	ND
CBGA	ND	ND	0.030	1	ND	ND
CBG	0.425	0.043	0.030	1	0.25	7.56
CBC	ND	ND	0.030	1	ND	ND
Total THC	ND	ND			ND	ND
Total CBD	18.955	1.895			11.23	336.92
Total CBG	0.425	0.043			0.25	7.56
Total Cannabinoids	19.537	1.954			11.58	347.26

# **MOISTURE DETERMINATION**

Analysis Batch: WO-23012007

Analysis Date: 2023-01-23 19:15:00

Moisture

1.25

Result (%)

### **WATER ACTIVITY**

**Analysis Batch:** W0-23012007 **Analysis Date:** 2023-01-23 19:10:00

Analysis Date: 2023-01-23 19:10:00

Water Activity

Analysis Method: SOP 6.12 Instrument: AquaLab 4TE (I-40)

Analysis Method: SOP 6.12

Instrument: Shimadzu MOC63u (I-45)

Result (Aw)

0.3728

# **MICROBIAL PANEL A - HEMP COMPLIANCE**

**PASS** 

Analysis Batch: W0-23012006 Analysis Date: 2023-01-24 13:10:00 Analysis Method: SOP 6.11 Instrument: See Below

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

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FORM: COA58.7











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# **HEAVY METALS**

Analysis Batch: WO-23011218 Analysis Date: 2023-01-23 18:26:00

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

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

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

# AGRICULTURAL AGENTS (PESTICIDES)



**PASS** 

Analysis Batch: WO-23012011 Analysis Date: 2023-01-24 15:00:00

Abamectin ND 0.3 Acephate ND 3.0 Acequinocyl* ND 2.0 Acetamiprid ND 3.0 Aldicarb ND 0.1 Azoxystrobin ND 3.0 Bifenazate ND 3.0 Bifenthrin* ND 0.5 Boscalid* ND 3.0 Captan ND 3.0 Carbaryl ND 0.5 Carbofuran ND 0.1 Chlorantraniliprole ND 3.0 Chlordane* ND 0.1 Chlorfenapyr ND 0.5 Chlormequat chloride ND 3.0 Chlorpyrifos* ND 0.1 Clofentezine ND 0.1 Cyfluthrin* ND 0.1 Cygermethrin* ND 1.0 Cypermethrin* ND 1.0 Cypermethrin* ND 0.1 Dimethoate ND 0.1 Dimethoate ND 0.1 Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etofenprox ND 0.1 Etoxazole ND 0.1	LOD (ppm)
Acequinocyl*         ND         2.0           Acetamiprid         ND         3.0           Aldicarb         ND         0.1           Azoxystrobin         ND         3.0           Bifenazate         ND         3.0           Bifenthrin*         ND         0.5           Boscalid*         ND         3.0           Captan         ND         3.0           Carbaryl         ND         0.5           Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.5           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         0.1           Diazinon         ND         0.1           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         0.1 <td>0.01</td>	0.01
Acetamiprid         ND         3.0           Aldicarb         ND         0.1           Azoxystrobin         ND         3.0           Bifenazate         ND         3.0           Bifenthrin*         ND         0.5           Boscalid*         ND         3.0           Captan         ND         3.0           Carbaryl         ND         0.5           Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.5           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.1           Coumaphos         ND         0.1           Cypermethrin*         ND         1.0           Cypermethrin*         ND         0.1           Diazinon         ND         0.1           Diazinon         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Etofenprox         ND         0.1	0.01
Aldicarb         ND         0.1           Azoxystrobin         ND         3.0           Bifenazate         ND         3.0           Bifenthrin*         ND         0.5           Boscalid*         ND         3.0           Captan         ND         3.0           Carbaryl         ND         0.5           Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.5           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         0.1           Diazinon         ND         0.1           Diazinon         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Azoxystrobin         ND         3.0           Bifenazate         ND         3.0           Bifenthrin*         ND         0.5           Boscalid*         ND         3.0           Captan         ND         3.0           Carbaryl         ND         0.5           Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.5           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Bifenazate         ND         3.0           Bifenthrin*         ND         0.5           Boscalid*         ND         3.0           Captan         ND         3.0           Carbaryl         ND         0.5           Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.5           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etoxazole         ND         1.5	0.01
Bifenthrin*         ND         0.5           Boscalid*         ND         3.0           Captan         ND         3.0           Carbaryl         ND         0.5           Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.5           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etoxazole         ND         1.5	0.01
Boscalid*         ND         3.0           Captan         ND         3.0           Carbaryl         ND         0.5           Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.05           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Captan         ND         3.0           Carbaryl         ND         0.5           Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.05           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Carbaryl ND 0.5 Carbofuran ND 0.1 Chlorantraniliprole ND 3.0 Chlordane* ND 0.1 Chlorfenapyr ND 0.05 Chlormequat chloride ND 3.0 Chlorpyrifos* ND 0.1 Clofentezine ND 0.5 Coumaphos ND 0.1 Cyfluthrin* ND 1.0 Cypermethrin* ND 1.0 Daminozide ND 0.1 Diazinon ND 0.2 Dichlorvos ND 0.1 Dimethoate ND 0.1 Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 0.1 Etoxazole ND 0.1 Etoxazole	0.01
Carbofuran         ND         0.1           Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.05           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Chlorantraniliprole         ND         3.0           Chlordane*         ND         0.1           Chlorfenapyr         ND         0.05           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Chlordane*         ND         0.1           Chlorfenapyr         ND         0.05           Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Chlorfenapyr ND 0.05 Chlormequat chloride ND 3.0 Chlorpyrifos* ND 0.1 Clofentezine ND 0.5 Coumaphos ND 0.1 Cyfluthrin* ND 1.0 Cypermethrin* ND 1.0 Daminozide ND 0.1 Diazinon ND 0.2 Dichlorvos ND 0.1 Dimethoate ND 0.1 Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 0.1	0.01
Chlormequat chloride         ND         3.0           Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Chlorpyrifos*         ND         0.1           Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Clofentezine         ND         0.5           Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Coumaphos         ND         0.1           Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Cyfluthrin*         ND         1.0           Cypermethrin*         ND         1.0           Daminozide         ND         0.1           Diazinon         ND         0.2           Dichlorvos         ND         0.1           Dimethoate         ND         0.1           Dimethomorph (I/II)         ND         3.0           Ethoprophos (Prophos)         ND         0.1           Etofenprox         ND         0.1           Etoxazole         ND         1.5	0.01
Cypermethrin* ND 1.0 Daminozide ND 0.1 Diazinon ND 0.2 Dichlorvos ND 0.1 Dimethoate ND 0.1 Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 1.5	0.01
Daminozide ND 0.1 Diazinon ND 0.2 Dichlorvos ND 0.1 Dimethoate ND 0.1 Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 1.5	0.01
Diazinon ND 0.2 Dichlorvos ND 0.1 Dimethoate ND 0.1 Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 1.5	0.01
Dichlorvos ND 0.1 Dimethoate ND 0.1 Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 1.5	0.01
Dimethoate ND 0.1 Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 1.5	0.01
Dimethomorph (I/II) ND 3.0 Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 1.5	0.01
Ethoprophos (Prophos) ND 0.1 Etofenprox ND 0.1 Etoxazole ND 1.5	0.01
Etofenprox ND 0.1 Etoxazole ND 1.5	0.01
Etoxazole ND 1.5	0.01
	0.01
F 1 11 11 10 0 0	0.01
Fenhexamid ND 3.0	0.01
Fenoxycarb ND 0.1	0.01
Fenpyroximate ND 2.0	0.01
Fipronil ND 0.1	0.01

Analysis Method: SOP 6.7

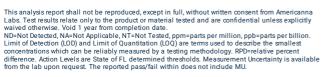
Instrument: Agilent LC/TQ (I-32) and Agilent GC/TQ (I-34)

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

- continued -

FORM: COA58.7













Executive Laboratory Director

01/30/2023

<sup>\*</sup>Analyzed by GC/TQ.



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# **Certificate of Analysis**

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# **MYCOTOXINS**

Analysis Batch: WO-23012011 Analysis Date: 2023-01-24 15:00:00

Mycotoxin	Result (ppm)	LOD (ppm)	Limit (ppm)
Aflatoxin B1	ND	0.005	
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**



**PASS** 

Analysis Batch: WO-23012009 Analysis Date: 2023-01-23 20:40:00

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	3.84	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 -









Executive Laboratory Director

01/30/2023