

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**

Delta 9 High Potency Edible (Gummy) R&D: Not for Retail LC-20221208-5659



The Trusted Lab

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



Delta 9 High Potency

Harvest/Lot ID: 9597 Batch ID: NA

Sample Size: 30 gummies

Compliance: Hemp

Order ID: 20221208-2082 Sampled on: 12/05/2022

Batch Date: NA

Product Type: Edible (Gummy)

Sample ID: LC-20221208-5659 Received on: 2022-12-08 18:20:00



RESULTS SUMMARY



Potency **TESTED**



Terpenes NOT TESTED



Heavy Metals





Pesticides





Mycotoxins **PASS**



Micro - Hemp PASS



Residual Solvents PASS



Foreign Material **NOT TESTED**

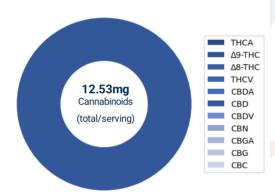


Water Activity TESTED



Moisture **TESTED**

CANNABINOID PROFILE (mg/g)



Cannabinoid	%	mg/g
Total THC	0.22	2.16
Total CBD	0.00	0.03
Total CBG	0.00	0.00
Total Cannabinoids	0.23	2.29

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

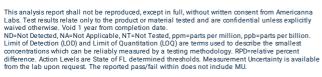
Comments:

30 gummies/package. 1 gummy/serving. Average gummy = 5.4819g.

- continued -

FORM: COA58.7













Executive Laboratory Director

01/18/2023



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CANNABINOIDS (POTENCY)

Analysis Batch: WO-22120809 Analysis Date: 2022-12-09 14:40:00 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	2.159	0.216	0.030	1	11.83	11.83
Δ8-ΤΗС	0.080	0.008	0.030	1	ND	ND
THCV	0.019	0.002	0.030	1	ND	ND
CBDA	ND	ND	0.030	1	ND	ND
CBD	0.028	0.003	0.030	1	ND	ND
CBDV	ND	ND	0.030	1	ND	ND
CBN	ND	ND	0.030	1	ND	ND
CBGA	ND	ND	0.030	1	ND	ND
CBG	ND	ND	0.030	1	ND	ND
CBC	ND	ND	0.030	1	ND	ND
Total THC	2.159	0.216			11.83	11.83
Total CBD	0.028	0.003			ND	ND
Total CBG	ND	ND			ND	ND
Total Cannabinoids	2.286	0.229			12.53	12.53

MOISTURE DETERMINATION

Analysis Batch: WO-23011214

Analysis Date: 2023-01-16 15:30:00

Result (%)

Moisture

6.01

WATER ACTIVITY

Analysis Batch: WO-23011214 Analysis Date: 2023-01-16 14:30:00

Water Activity

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

Analysis Method: SOP 6.12

Instrument: Shimadzu MOC63u (I-45)

Result (Aw)

0.6236

MICROBIAL PANEL A - HEMP COMPLIANCE

PASS

Analysis Batch: WO-23011002 Analysis Method: SOP 6.11 Analysis Date: 2023-01-11 13:10:00

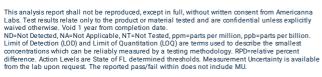
Instrument: See Below

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-23011004 Analysis Method: SOP 6.10 Analysis Date: 2023-01-10 19:00:00 Instrument: Agilent ICP/MS (I-37)

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)



PASS

Analysis Batch: WO-23011005 Analysis Date: 2023-01-11 13:50:00

Analysis Date: 2023-01-11 13.50.00							
Pesticide	Result (ppm)	Action Limit (ppm)	LOD (ppm)				
Abamectin	ND	0.3	0.01				
Acephate	ND	3.0	0.01				
Acequinocyl*	ND	2.0	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				
Cypermethrin*	ND	1.0	0.01				
Daminozide	ND	0.1	0.01				
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				
Etoxazole	ND	1.5	0.01				
Fenhexamid	ND	3.0	0.01				
Fenoxycarb	ND	0.1	0.01				
Fenpyroximate	ND	2.0	0.01				
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Analysis Method: SOP 6.7

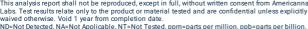
Instrument: Agilent LC/TQ (I-32) and Agilent GC/TQ (I-34)

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

Fipronil

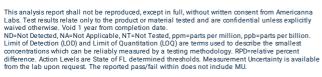
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FORM: COA58.7



ND

0.1











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^{*}Analyzed by GC/TQ.



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PASS

MYCOTOXINS

Mycotoxin

Aflatoxin B1

Aflatoxin B2

Aflatoxin G1

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

Analysis Batch: WO-23011005 Analysis Date: 2023-01-11 13:50:00

Phone: 904.549.5948 | americannal aboratories.com

Result

(ppm)

ND

ND

ND

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LOD

(ppm)

0.005

0.005

0.005

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Limit

(ppm)

Mycotoxin	Result (ppm)	LOD (ppm)	
Aflatoxin G2	ND	0.005	_
Ochratoxin A	ND	0.005	

ND

Limit (ppm) 0.02 0.02

RESIDUAL SOLVENTS

PASS

Analysis Batch: WO-23011003 Analysis Date: 2023-01-12 21:00:00

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

Total Aflatoxins

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 -







