



Accreditation #120090

Proficiency Testing:
ATSM & PHENOVA**Laboratory Location**6308 Angus Drive, Ste B
Raleigh NC 27617
919-673-7153 / 919-450-1870
frank@delta9analytical.com
michael@delta9analytical.com

NC Controlled Substance License #:

NC-DHHS-1004369

DEA Controlled Substance License #:

RD0577986

Client Name: **Lume**

Client Address:

Sample ID: **24335**

Received Date: 06092025

Reported Date: 06172025

Test(s) Ordered: **Full Panel**Sample Name: **Watermelon**

Sample Type: Beverage

Sample Matrix: **Watermelon/Seltzer**

Sample Size: 355mL (12oz)

CANNABINOID SUMMARY**TOTAL CANNABINOIDS:** 0.0022%0.0217 mg/g (**7.59** mgs)**TOTAL THC:** 0.0022%**Δ9-THC:** 0.0217 mg/g (**7.59** mgs)**Disclaimer:** Lume **Watermelon** contains **7.5mg** of hemp derived D-9 THC per **355 mL** can with **7.5mg** of D9-THC per serving**BATCH PHOTO****B#:** FFLUMWM7.5-002**CANNABINOIDS** (Liquid Chromatography Mass Spectrometry - LCMS)**MOISTURE** (loss on drying): **NT**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.0001	9S-Hexahydrocannabinol (HHCS)	ND	ND	0.0001
Δ8-THC	ND	ND	0.0001	9R-Hexahydrocannabinol (HHCR)	ND	ND	0.0001
Cannabichromene (CBC)	ND	ND	0.0001	Cannabidiolic Acid (CBDA)	ND	ND	0.0001
Cannabigerol (CBG)	ND	ND	0.0001	Δ9-THC Acid (THCA)	ND	ND	0.0001
Cannabidiol (CBD)	ND	ND	0.0001	THC-varian (THCV)	ND	ND	0.0001
Cannabigerolic Acid (CBGA)	ND	ND	0.0001	***Δ9-THC	0.0022	0.0217	0.0001
Cannabidivarin (CBDV)	ND	ND	0.0001	**TOTAL CANNABINOIDS	0.0022	0.0217	
Cannabidivarin Acid (CBDVA)	ND	ND	0.0001	*TOTAL THC	0.0022	0.0217	
Cannabicitran (CBT)	ND	ND	0.0001	*TOTAL CBD	ND	ND	
6aR,9S-Δ10-THC	ND	ND	0.0001	*TOTAL CBG	ND	ND	
6aR,9R-Δ10-THC	ND	ND	0.0001	*TOTAL CBDV	ND	ND	
THC-O-Acetate (THCO)	ND	ND	0.0001	TOTAL Δ10-THC	ND	ND	
THCp	ND	ND	0.0001	TOTAL HHC	ND	ND	

Calculated as follows: Total CBD/G/V = CBDA/GA/VA% (0.877) + CBD/G/V%. Total THC = THCA%(0.877) + Δ9-THC%. **Total Cannabinoids is the absolute sum of all cannabinoids detected. **ND = Not Detected; NT = Not Tested**

RESULT CERTIFICATION

06172025

Frank P. Mauro/Michael R. Horton/Brittany A. Maggs

Frank P. Mauro COO/Michael R. Horton CSO & Date

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Testing results are based solely upon the sample submitted to Delta 9 Analytical, LLC. (D9A) In the condition it was received. D9A warrants that all analytical work is conducted professionally in accordance with all applicable standard practices using validated methods utilizing certified reference standards. *****The measurement of uncertainty = 3.832%.** This report may not be reproduced, except in full, without the written approval of D9A. **Test(s) Ordered:** Full Panel (Pesticides, HMetal, Microbials – SJLabs, Macan GA with ISO/IEC 17025:2011 #116065 and DEA# RS0581315). RSolvents and Mycotoxins are not covered under ISO/IEC 17025:2017 Scope of Accreditation.

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PESTICIDES (68 pesticides by Liquid Chromatography Mass Spectrometry – LCMS; ND = Not Detected)

ANALYTE	LOQ (PPM)	Limit (PPM)	Results (PPM)	ANALYTE	LOQ (PPM)	Limit (PPM)	Results (PPM)	ANALYTE	LOQ (PPM)	Limit (PPM)	Results (PPM)
Abamectin	0.1	0.3	ND	Diazinon	0.1	0.2	ND	Myclobutanil	0.1	9	ND
Acephate	0.1	5	ND	Dimethoate	0.1	0	ND	Naled	0.1	0	ND
Acequinocyl	0.1	4	ND	Dimethomorph	0.1	20	ND	Oxamyl	0.1	0.2	ND
Acetamiprid	0.1	5	ND	Ethoprophos	0.1	0	ND	Paclobutrazol	0.1	0	ND
Aldicarb	0.1	0	ND	Etofenprox	0.1	--	ND	Pentachloronitrobenzene	0.1	0.2	ND
Azoxystrobin	0.1	40	ND	Etoxazole	0.1	1.5	ND	Permethrin	0.1	20	ND
Bifenazate	0.1	5	ND	Fenhexamid	0.1	10	ND	Phosmet	0.1	0.2	ND
Bifenthrin	0.1	--	ND	Fenoxycarb	0.1	0	ND	Piperonyl Butoxide	0.1	8	ND
Boscalid	0.1	10	ND	Fenpyrozimate	0.1	2	ND	Prallethrin	0.1	0.4	ND
Captan	1	5	ND	Fipronil	0.1	--	ND	Propiconazole	0.1	20	ND
Carbaryl	0.1	0.5	ND	Flonicamid	0.1	2	ND	Propoxur	0.1	0	ND
Carbofuran	0.1	0	ND	Fludioxonil	0.1	30	ND	Pyrethrins	0.1	1	ND
Chlorantraniliprole	0.1	40	ND	Fluoxastrobin	0.1	--	ND	Pyridaben	0.1	3	ND
Chlordane	0.1	--	ND	Hexythiazox	0.1	2	ND	Spinetoram	0.1	3	ND
Chlorfenapyr	0.1	--	ND	Imazalil	0.1	0	ND	Spinosad	0.1	3	ND
Chlormequat Chloride	0.1	--	ND	Imidacloprid	0.1	3	ND	Spinoxamine	0.1	0	ND
Chlorpyrifos	0.1	0	ND	Kresoxim Methyl	0.1	1	ND	Spiromesifen	0.1	12	ND
Clofentezine	0.1	0.5	ND	Malathion	0.1	5	ND	Spirotetramat	0.1	13	ND
Coumaphos	0.1	0	ND	Metalaxyl	0.1	15	ND	Tebuconazole	0.1	2	ND
Cyfluthrin	0.1	1	ND	Methiocarb	0.1	0	ND	Thiacloprid	0.1	0	ND
Cypermethrin	0.1	1	ND	Methomyl	0.1	0.1	ND	Thiamethoxam	0.1	4.5	ND
Daminozide	0.1	0	ND	methyl parathion	0.1	0	ND	Trifloxystrobin	0.1	30	ND
DDVP Dichlorvos	0.1	0	ND	Mevinphos	0.1	0	ND				

HEAVY METALS

Analyte	LOQ (PPM)	Results (PPM)	Limit (PPM)
Cadmium	0.01	ND	4.1
Lead	0.01	ND	10
Arsenic	0.01	ND	10
Mercury	0.01	ND	2

Method: ICP-MS ND = Not Detected

MYCOTOXINS

Toxin	LOQ (PPB)	Results (PPB)	Limit (PPB)
Aflatoxin B1	5	ND	--
Aflatoxin B2	5	ND	--
Aflatoxin G1	5	ND	--
Aflatoxin G2	5	ND	--
TOTAL Aflatoxins	20	ND	--
Ochratoxin A	5	ND	--

Method: LCMS ND = Not Detected

MICROBIALS

Organism	LOQ (CFU/g)	Results (CFU/g)	Limit (CFU/g)
A. fumigatus	10	ND	--
A. terreus	10	ND	--
A. niger	10	ND	--
A. flavus	10	ND	--
Total Coliform	10	ND	--
BTGN	10	ND	--
STEC	1	ND	1
Salmonella	1	ND	1
Tot. yeast/Mold	10	ND	10000
Tot. Aerobic Ct	10	ND	--
Listeria	1	ND	--

Method: DRBC agar and Petrifilm

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RESIDUAL SOLVENTS

Solvent	Result (PPM)	LOQ (PPM)	LIMIT (PPM)	Solvent	Result (PPM)	LOQ (PPM)	LIMIT (PPM)	Solvent	Result (PPM)	LOQ (PPM)	LIMIT (PPM)
Acetone	ND	25	---	Ethanol	2,119	5	5,000	2-Propanol	ND	25	---
Acetonitrile	ND	5	---	Ethyl Acetate	ND	5	---	Toluene	ND	1	1
Benzene	ND	1	1	(C7) <i>n</i> -Heptane	ND	5	500	Trichloroethene	ND	1	---
Chloroform	ND	1	---	(C6) <i>n</i> -Hexane	ND	5	10	<i>m</i> -Xylene	ND	1	1
Cyclohexane	ND	6	---	Methanol	ND	25	---	<i>o</i> -Xylene	ND	1	1
1,2-Dichloroethane	ND	1	---	Methylene Chloride	ND	1	---	<i>p</i> -Xylene	ND	1	1
Diethyl ether	ND	20	---	(C5) <i>n</i> -Pentane	ND	5	---	Butane	ND	5	800

Performed on GC FID

ND = Not Detected

ANALYTICAL

Delta 9 Analytical

Professional, Accurate, Responsive

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