



Accreditation #120090

Proficiency Testing:
PHENOVA

ANALYTICAL

Delta 9 Analytical

Professional, Accurate, Responsive

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: Cypress Hemp LLC	Sample Type: Beverage	Test: Full Panel	Received Date: 09122025
Client Address: 10771 Perkins Rd Suite A	Sample Matrix: Infused Seltzer	Size: 355mL (12oz)	Run Date: 09122025
Baton Rouge, LA 70810	Sample ID: 28000		Report Date: 09172025
Hemp Lic Permit:	Sample Name: Hiatus 5:125mg Lemonade		

Overall Sample Status

PASS**CANNABINOID SUMMARY**

TOTAL CANNABINOIDS: 0.0345%
0.3446 mg/g (122 mgs)
CBD: 0.3316 mg/g (118 mgs)
TOTAL THC: 0.0013%
Δ9-THC: 0.0130 mg/g (4.61 mgs)

Disclaimer: Cypress Hemp Hiatus - Lemonade contains **5mg** of hemp-derived **D9-THC** and **125mg** of hemp-derived **CBD** per 355mL can with **5mg** of **D9-THC** and **125mg** of **CBD** per serving.

BATCH PHOTO**B# 1426****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)	0.0332	0.3316	0.0001	THC-varian (THCV)	ND	ND	0.0001
Cannabigerolic Acid (CBGA)	ND	ND	0.0001	***Δ9-THC	0.0013	0.0130	0.0001
Cannabidivarin (CBDV)	ND	ND	0.0001	**TOTAL CANNABINOIDS	0.0345	0.3446	
Cannabidivarin Acid (CBDVA)	ND	ND	0.0001	*TOTAL THC	0.0013	0.0130	
Cannabicitran (CBT)	ND	ND	0.0001	*TOTAL CBD	0.0332	0.3316	
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

09172025

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

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



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PESTICIDES (Analysis by LC/GC/TQ)

Analyte	LOD ppm	LOQ ppm	Result ppm	Limit ppm	Status	Analyte	LOD ppm	LOQ ppm	Result ppm	Limit ppm	Status
Abamectin	0.063	0.125	ND	0.5	PASS	Flonicamid	0.063	0.125	ND	1	PASS
Acephate	0.063	0.125	ND	0.4	PASS	Fludioxonil	0.063	0.125	ND	0.4	PASS
Acequinocyl	0.063	0.125	ND	2	PASS	Hexythiazox	0.063	0.125	ND	1	PASS
Acetamiprid	0.063	0.125	ND	0.2	PASS	Imazalil	0.063	0.125	ND	0.2	PASS
Aldicarb	0.063	0.125	ND	0.4	PASS	Imidacloprid	0.063	0.125	ND	0.4	PASS
Azoxystrobin	0.063	0.125	ND	0.2	PASS	Kresoxim Methyl	0.063	0.125	ND	0.4	PASS
Bifenazate	0.063	0.125	ND	0.2	PASS	Malathion	0.063	0.125	ND	0.2	PASS
Bifenthrin	0.063	0.125	ND	0.2	PASS	Metalaxyl	0.063	0.125	ND	0.2	PASS
Boscalid	0.063	0.125	ND	0.4	PASS	Methiocarb	0.063	0.125	ND	0.2	PASS
Captan	0.030	0.102	ND	--	PASS	Methomyl	0.063	0.125	ND	0.4	PASS
Carbaryl	0.063	0.125	ND	0.2	PASS	Methyl Parathion	0.008	0.022	ND	0.2	PASS
Carbofuran	0.063	0.125	ND	0.2	PASS	Mevinphos	0.063	0.125	ND	--	PASS
Chlorantraniliprole	0.063	0.125	ND	0.2	PASS	Myclobutanil	0.063	0.125	ND	0.2	PASS
Chlordane-cis	0.004	0.013	ND	--	PASS	Naled	0.063	0.125	ND	0.5	PASS
Chlordane-trans	0.003	0.011	ND	--	PASS	Oxamyl	0.063	0.125	ND	1	PASS
Chlorfenapyr	0.014	0.048	ND	1	PASS	Paclobutrazol	0.063	0.125	ND	0.4	PASS
Chlormequat Chloride	0.063	0.125	ND	0.2	PASS	Pentachloro nitrobenzene	0.012	0.041	ND	--	PASS
Chlorpyrifos	0.063	0.125	ND	0.2	PASS	Permethrins	0.063	0.125	ND	0.2	PASS
Clofentezine	0.063	0.125	ND	0.2	PASS	Phosmet	0.063	0.125	ND	0.2	PASS
Coumaphos	0.063	0.125	ND	--	PASS	Piperonyl Butoxide	0.063	0.125	ND	2	PASS
Cyfluthrin	0.313	0.625	ND	1	PASS	Prallethrin	0.063	0.125	ND	0.2	PASS
Cypermethrin	0.063	0.125	ND	1	PASS	Propiconazole	0.063	0.125	ND	0.4	PASS
Daminozide	0.063	0.125	ND	1	PASS	Propoxur	0.063	0.125	ND	0.2	PASS
Diazinon	0.063	0.125	ND	0.1	PASS	Pyrethrins	0.063	0.125	ND	1	PASS
Dichlorvos	0.063	0.125	ND	0.2	PASS	Pyridaben	0.063	0.125	ND	0.2	PASS
Dimethoate	0.063	0.125	ND	0.2	PASS	Spinetoram	0.063	0.125	ND	--	PASS
Dimethomorph	0.063	0.125	ND	--	PASS	Spinosad	0.063	0.125	ND	0.2	PASS
Ethoprophos	0.063	0.125	ND	0.2	PASS	Spiromesifen	0.063	0.125	ND	0.2	PASS
Etofenprox	0.063	0.125	ND	0.4	PASS	Spirotetramat	0.063	0.125	ND	0.2	PASS
Etoazole	0.063	0.125	ND	0.2	PASS	Spiroxamine	0.063	0.125	ND	0.4	PASS
Fenhexamid	0.063	0.125	ND	--	PASS	Tebuconazole	0.063	0.125	ND	0.4	PASS
Fenoxycarb	0.063	0.125	ND	0.2	PASS	Thiacloprid	0.063	0.125	ND	--	PASS
Fenpyroximate	0.063	0.125	ND	0.4	PASS	Thiamethoxam	0.063	0.125	ND	0.2	PASS
Fipronil	0.063	0.125	ND	0.4	PASS	Trifloxystrobin	0.063	0.125	ND	0.2	PASS

LOD = Level of Detection; **LOQ** = Level of Quantification; **ND** = Not Detected; **NT** = Not Tested

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HEAVY METALS (Analysis by ICP-MS)

Analyte	LOD (PPM)	LOQ (PPM)	Results (PPM)	Limit (PPM)	Status	Analyte	LOD (PPM)	LOQ (PPM)	Results (PPM)	Limit (PPM)	Status
Arsenic	0.000509	0.002062	ND	1.5	PASS	Lead	0.000255	0.000515	0.001	1	PASS
Cadmium	0.000256	0.000509	ND	0.4	PASS	Mercury	0.000025	0.000057	ND	1.2	PASS

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MYCOTOXINS (Analysis by LC/TQ)

Toxin	LOD (PPM)	LOQ (PPM)	Results (PPM)	Limit (PPM)	Status	Toxin	LOD (PPM)	LOQ (PPM)	Results (PPM)	Limit (PPM)	Status
Aflatoxin B1	0.001	0.002	ND	--	PASS	Aflatoxin G2	0.001	0.002	ND	--	PASS
Aflatoxin B2	0.001	0.002	ND	--	PASS	TOTAL Aflatoxins	NA	NA	ND	0.02	PASS
Aflatoxin G1	0.001	0.002	ND	--	PASS	Ochratoxin A	0.001	0.002	ND	0.02	PASS

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MICROBIALS

Organism	LOQ (CFU/g)	LOQ (CFU/g)	Results (CFU/g)	Limit (CFU/g)	Status	Organism	LOQ (CFU/g)	LOQ (CFU/g)	Results (CFU/g)	Limit (CFU/g)	Status
#Enterobacteriaceae	10	10	ND	--	PASS	*Aspergillus Flavus	NA	NA	ND	--	PASS
#Total Aerobic Count	10	10	ND	--	PASS	*Aspergillus Fumigatus	NA	NA	ND	--	PASS
#Total Mold	10	10	ND	--	PASS	*Aspergillus Niger	NA	NA	ND	--	PASS
#Total Yeast	10	10	ND	--	PASS	*Aspergillus Spp	NA	NA	ND	--	PASS
#Total Yeast/Mold	10	10	ND	100000	PASS	*Aspergillus Terreus	NA	NA	ND	--	PASS
^Total Coliforms	10	10	ND	--	PASS	*Salmonella Spp	NA	NA	ND	1	PASS
*Listeria monocytogenes	NA	NA	ND	--	PASS	*Shiga Toxin Producing E. coli	NA	NA	ND	1	PASS
Total Ecoli	10	10	ND	100	PASS						

*Analysis by qPCR ^Analysis by 3M CC Plates #Analysis by 25g Plate Full Range

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RESIDUAL SOLVENTS (Analysis by GC)

Solvent	LOD (PPM)	LOQ (PPM)	Result (PPM)	LIMIT (PPM)	Status	Solvent	LOD (PPM)	LOQ (PPM)	Result (PPM)	LIMIT (PPM)	Status
1,2-Dichloroethane	0.5	1.00	ND	--	PASS	Ethylene Oxide	0.15	0.49	ND	--	PASS
2-Methylbutane	1.54	5.14	ND	--	PASS	Heptane	1.31	4.37	ND	1000	PASS
2-Methylpentane	0.046	0.154	ND	--	PASS	Hexane	1.42	4.74	ND	60	PASS
2,2-Dimethylbutane	0.98	3.27	ND	--	PASS	Isobutane	1.6	5.34	ND	--	PASS
2,3-Dimethylbutane	2.19	7.32	ND	--	PASS	Isopropyl Alcohol	4.9	16.3	ND	1000	PASS
3-Methylpentane	0.73	2.44	ND	--	PASS	Methanol	7.89	26.4	ND	600	PASS
Acetone	1.57	5.23	ND	1000	PASS	Methylene Chloride	1.36	4.53	ND	--	PASS
Acetonitrile	1.85	6.17	ND	--	PASS	Neopentane	1.49	4.97	ND	--	PASS
Benzene	0.18	0.5	ND	2	PASS	Pentane	1.46	4.87	ND	1000	PASS
Butane	1.68	5.59	ND	1000	PASS	Propane	1.95	6.51	ND	1000	PASS
Chloroform	0.78	1	ND	--	PASS	Toluene	1.88	6.26	ND	180	PASS
Ethanol	6.02	20.1	2,960	5000	PASS	Total Xylenes	2.02	6.72	ND	430	PASS
Ethyl Acetate	1.95	6.49	ND	1000	PASS	Trichloroethylene	0.29	0.96	ND	--	PASS
Ethyl Ether	1.37	4.55	ND	--	PASS						

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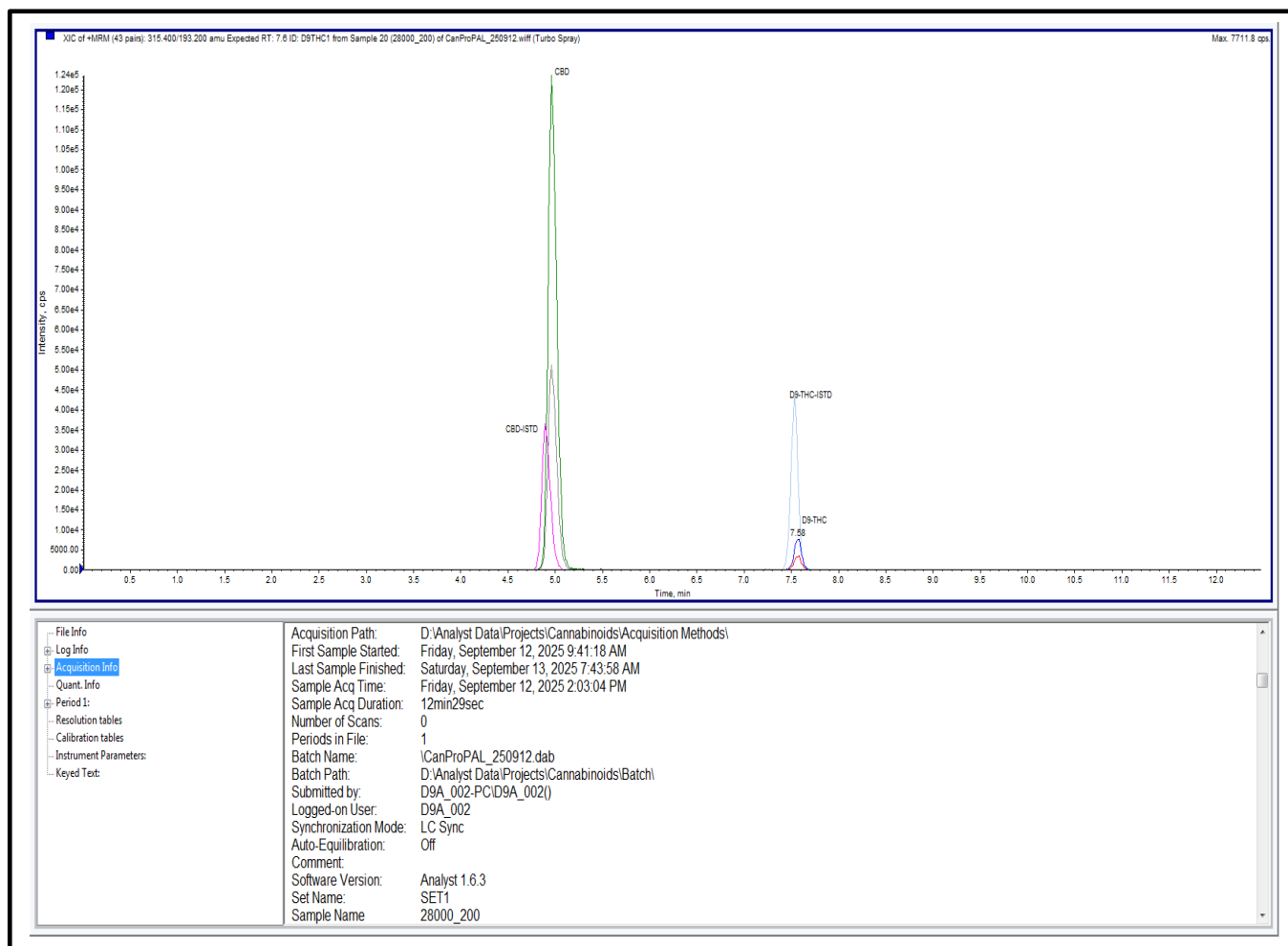
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POTENCY REPORT (ABSciex LCMS Triple Quad)

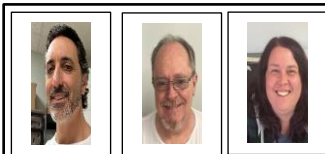


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