PJLA Testing
ilac-MRA
Accreditation #120090

Proficiency Testing:
ATSM & PHENOVA

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: **Five Flowers**
Client Address:

Sample ID: **21604**
Received Date: 03052025
Reported Date: 03202025
Test(s) Ordered: **Full Panel**

Sample Name: **Rose' Lemonade**
Sample Type: Beverage; 5mg ea CBD/D9
Sample Matrix: **Lemonade Cooler/Emulsion**
Sample Size: 355mL (12oz)

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 0.0027%
0.0271 mg/g (**9.61** mgs)
CBD: 0.0136 mg/g (**4.81** mgs)
TOTAL THC: 0.0014%
Δ9-THC: 0.0135 mg/g (**4.80** mgs)

Disclamer: Five Flowers **Rose' Lemonade** contains **5mg** of both hemp derived D9-THC and CBD per **355 mL** can with **5mg** of both D9-THC and CBD per serving.

BATCH PHOTO
B#: FF5FRL05_002

CANNABINOIDS (*Liquid Chromatography Mass Spectrometry - LCMS*)

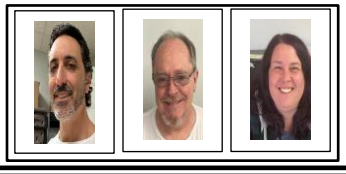
MOISTURE (loss on drying): **NT**

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	Cannabidolic Acid *(CBDA)*	ND	ND	0.0001
Cannabigerol *(CBG)*	ND	ND	0.0001	Δ9-THC Acid *(THCA)*	ND	ND	0.0001
Cannabidiol *(CBD)*	0.0014	0.0136	0.0001	THC-varian *(THCV)*	ND	ND	0.0001
Cannabigerolic Acid *(CBGA)*	ND	ND	0.0001	***Δ9-THC	0.0014	0.0135	0.0001
Cannabidivarin *(CBDV)*	ND	ND	0.0001	**TOTAL CANNABINOIDS	0.0027	0.0271	
Cannabidivarin Acid *(CBDVA)*	ND	ND	0.0001	*TOTAL THC	0.0014	0.0135	
Cannabicitran *(CBT)*	ND	ND	0.0001	*TOTAL CBD	0.0014	0.0136	
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 03202025

Frank P. Maurio/Michael R. Horton/Brittany A. Maggs
Frank P. Maurio COO/Michael R. Horton CSO & Date



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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	--

Method: *DRBC agar and Petrifilm*

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03202025

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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	1,679	5	5,000	2-Propanol	ND	25	---
Acetonitrile	ND	5	---	Ethyl Acetate	ND	5	---	Toluene	ND	1	1
Benzene	ND	1	1	(C7) *n*-Heptane	ND	5	500	Trichloroethene	ND	1	---
Chloroform	ND	1	---	(C6) *n*-Hexane	ND	5	10	*m*-Xylene	ND	1	1
Cyclohexane	ND	6	---	Methanol	ND	25	---	*o*-Xylene	ND	1	1
1,2-Dichloroethane	ND	1	---	Methylene Chloride	ND	1	---	*p*-Xylene	ND	1	1
Diethyl ether	ND	20	---	(C5) *n*-Pentane	ND	5	---	Butane	ND	5	800

Performed on GC FID ***ND = Not Detected***

ANALYTICAL
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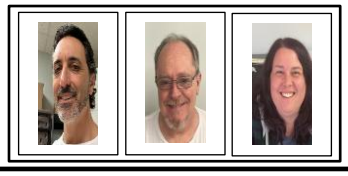

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