



Accreditation #120090

Proficiency Testing:
ATSM & 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

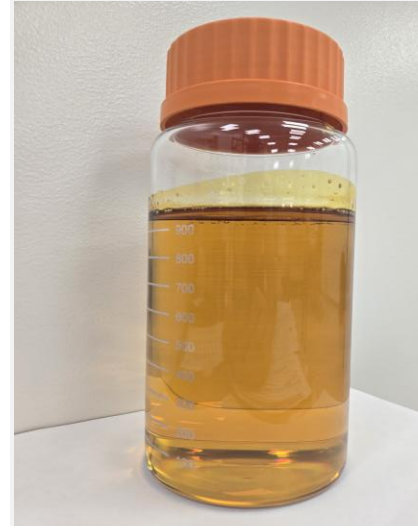
Client Name: **MC Botanicals**
Client Address:

Sample ID: **21205**
Received Date: 02242025
Reported Date: 03032025
Test(s) Ordered: **Full Panel**

Sample Name: **D9 Distillate**
Sample Type: Extract
Sample Matrix: **Distillate**
Sample Size: 15g

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 99.10%
CBD: 2.698%
TOTAL THC: 93.78%
Δ9-THC: 93.78%

BATCH PHOTO **B#: 022125.1****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)	0.1376	1.376	0.020	9S-Hexahydrocannabinol (HHCS)	ND	ND	0.020
Δ8-THC	0.8949	8.949	0.020	9R-Hexahydrocannabinol (HHCR)	ND	ND	0.020
Cannabichromene (CBC)	<LOQ	<LOQ	0.020	Cannabidolic Acid (CBDA)	ND	ND	0.020
Cannabigerol (CBG)	0.3197	3.197	0.020	Δ9-THC Acid (THCA)	ND	ND	0.020
Cannabidiol (CBD)	2.698	26.98	0.020	THC-varian (THCV)	0.4151	4.151	0.020
Cannabigerolic Acid (CBGA)	ND	ND	0.020	***Δ9-THC	93.78	937.8	0.020
Cannabidivarin (CBDV)	0.0705	0.7046	0.020	**TOTAL CANNABINOIDS	99.10	991.0	
Cannabidivarin Acid (CBDVA)	ND	ND	0.020	*TOTAL THC	93.78	937.8	
Cannabicitran (CBT)	0.7818	7.818	0.020	*TOTAL CBD	2.698	26.98	
6aR,9S-Δ10-THC	ND	ND	0.020	*TOTAL CBG	0.3197	3.197	
6aR,9R-Δ10-THC	ND	ND	0.020	*TOTAL CBDV	0.0705	0.7046	
THC-O-Acetate (THCO)	ND	ND	0.020	TOTAL Δ10-THC	ND	ND	
THCp	ND	ND	0.020	TOTAL HHC	ND	ND	

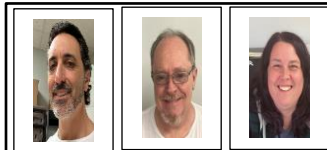
Calculated as follows: Total CBD/G/V = CBDA/GA/VA% (0.877) + CBD/G/V%. Total THC = THCA%(0.877) + Δ9-THC%. **Total Cannabinoids is the absolute sum of all cannabinoids detected. **ND = Not Detected; NT = Not Tested**

RESULT CERTIFICATION

03032025

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

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



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PESTICIDES (67 pesticides by Liquid Chromatography Mass Spectrometry – LCMS; ND = Not Detected)

ANALYTE	LOQ (PPB)	Limit (PPB)	Results (PPB)	ANALYTE	LOQ (PPB)	Limit (PPB)	Results (PPB)	ANALYTE	LOQ (PPB)	Limit (PPB)	Results (PPB)
Abamectin	100	---	ND	Diazinon	100	---	ND	Myclobutanil	100	---	ND
Acephate	100	---	ND	Dimethoate	100	---	ND	Oxamyl	100	---	ND
Acequinocyl	100	---	ND	Dimethomorph	100	---	ND	Pacllobutrazol	100	---	ND
Acetamiprid	100	---	ND	Ethoprofos	100	---	ND	Pentachloronitrobenzene	100	---	ND
Aldicarb	100	---	ND	Etofenprox	100	---	ND	Permethrin	100	---	ND
Azoxystrobin	100	---	ND	Etoazole	100	---	ND	Phosmet	100	---	ND
Bifenazate	100	---	ND	Fenhexamid	100	---	ND	Piperonyl Butoxide	100	---	ND
Bifenthrin	100	---	ND	Fenoxycarb	100	---	ND	Prallethrin	100	---	ND
Boscalid	100	---	ND	Fenpyrozimate	100	---	ND	Propiconazole	100	---	ND
Captan	1000	---	ND	Fipronil	100	---	ND	Propoxur	100	---	ND
Carbaryl	100	---	ND	Flonicamid	100	---	ND	Pyrethrins	100	---	ND
Carbofuran	100	---	ND	Fludioxonil	100	---	ND	Pyridaben	100	---	ND
Chlorantraniliprole	100	---	ND	Fluoxastrobin	100	---	ND	Spinetoram	100	---	ND
Chlordane	100	---	ND	Hexythiazox	100	---	ND	Spinosad	100	---	ND
Chlorfenapyr	100	---	ND	Imazalil	100	---	ND	Spinoxamine	100	---	ND
Chlormequat Chloride	100	---	ND	Imidacloprid	100	---	ND	Spiromesifen	100	---	ND
Chlorpyrifos	100	---	ND	Kresoxim Methyl	100	---	ND	Spirotetramat	100	---	ND
Clofentezine	100	---	ND	Malathion	100	---	<LOQ	Tebuconazole	100	---	ND
Coumaphos	100	---	ND	Metalaxyl	100	---	ND	Thiacloprid	100	---	ND
Cyfluthrin	100	---	ND	Methiocarb	100	---	ND	Thiamethoxam	100	---	ND
Cypermethrin	100	---	ND	Methomyl	100	---	ND	Trifloxystrobin	100	---	ND
Daminozide	100	---	ND	methyl parathion	100	---	ND				
Dichlorvos	100	---	<LOQ	Mevinphos	100	---	ND				

HEAVY METALS

Analyte	LOQ (PPB)	Results (PPB)	Limit (PPB)
Cadmium	10	ND	---
Lead	10	ND	---
Arsenic	10	ND	---
Mercury	10	13.54	---

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)	Results (CFU)	Limit (CFU)
Aspergillus fumigatus	10	ND	---
Aspergillus terreus	10	ND	---
Aspergillus niger	10	ND	---
Aspergillus flavus	10	ND	---
Total Coliform	10	ND	---
BTGN	10	ND	---
STEC	1	ND	---
Salmonella	1	ND	---
Total Yeast/Mold	10	ND	---
Total Aerobic Count	10	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	ND	100	---	2-Propanol	ND	25	---
Acetonitrile	ND	5	---	Ethyl Acetate	ND	5	---	Toluene	ND	1	---
Benzene	ND	1	---	(C7) <i>n</i> -Heptane	ND	5	---	Trichloroethene	ND	1	---
Chloroform	ND	1	---	(C6) <i>n</i> -Hexane	ND	5	---	<i>m</i> -Xylene	ND	5 total	---
Cyclohexane	ND	6	---	Methanol	ND	25	---	<i>o</i> -Xylene	ND	5 total	---
1,2-Dichloroethane	ND	1	---	Methylene Chloride	ND	1	---	<i>p</i> -Xylene	ND	5 total	---
Diethyl ether	ND	20	---	(C5) <i>n</i> -Pentane	ND	5	---	Butane	ND	5	---

Performed on GC FID

ND = Not Detected

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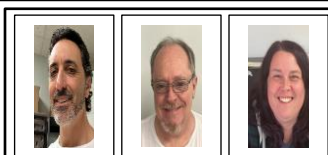
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