

NC Controlled Substance License #: NC-DHHS-1002881
 DEA Controlled Substance License #: RD0577986
 ISO 17025 Certification: PENDING
 Proficiency Testing Enrolled: Hemp PT Program U of Kentucky
 Regulatory Services

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ANALYTICAL
Delta 9 Analytical
 Professional, Accurate, Responsive

Laboratory Location
 6308 Angus Drive, Ste B
 Raleigh NC 27617
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 michael@delta9analytical.com

Client Name: **MHF Group, Inc.**
 Client Address: 6 Winners Circle, Unit 3
 Arden, NC 28704
 Grower/Processor Lic#: **NC HP579**

Sample ID: **1420**
 Received Date: 12222020
 Reported Date: 12242020
 Test(s) Ordered: **C + T**

Sample Strain: **GMO**
 Sample Type: Flower
 Sample Matrix: Hemp, Cured
 Sample Size: **5.88g**

<p style="text-align: center;">CANNABINOID SUMMARY</p> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;">TOTAL CANNABINOIDS: 17.75%</p> <p style="text-align: center;">TOTAL CBD: 14.46%</p> <p style="text-align: center;">TOTAL THC: 0.7050%</p> <p style="text-align: center;">Δ9-THC: 0.0950%</p> </div>	<p>BATCH PHOTO</p> 	<p style="text-align: center;">TERPENE SUMMARY</p> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;">TOTAL: 2.558%</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;">PRIMARY AROMAS</p> <p style="text-align: center;">Spicy, Earthy, Woody, Floral, Fruity, Citrusy</p> </div>
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CANNABINOIDS (Liquid Chromatography Mass Spectrometry)

MOISTURE (loss on drying): NT

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.05	Cannabidolic Acid (CBDA)	15.384	153.84	0.05
Δ8-THC	ND	ND	0.05	Δ9-THC Acid (THCA)	0.6955	6.955	0.05
Cannabichromene (CBC)	0.0758	0.758	0.05	THC-varian (THCV)	ND	ND	0.05
Cannabigerol (CBG)	0.0979	0.979	0.05	***Δ9-THC	0.095	0.95	0.05
Cannabidiol (CBD)	0.9716	9.716	0.05	**TOTAL CANNABINOIDS	17.749	177.49	
Cannabigerolic Acid (CBGA)	0.4301	4.301	0.05	*TOTAL THC	0.705	7.05	
Cannabidivarin (CBDV)	ND	ND	0.05	*TOTAL CBD	14.463	144.63	

TERPENES (GC FID)

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

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
β-Caryophyllene	1.1656	11.656	0.005	α-Bisabolol	0.0109	0.109	0.005
α-Humulene	0.5843	5.843	0.005	trans-Nerolidol 2	<0.005	<0.05	0.005
cis-Nerolidol 1	0.3588	3.588	0.005	Camphene	<0.005	<0.05	0.005
δ-Limonene	0.1857	1.857	0.005	β-Ocimene 2	<0.005	<0.05	0.005
Caryophyllene Oxide	0.0757	0.757	0.005	α-Ocimene 1	ND	ND	0.005
Guaiol	0.0661	0.661	0.005	Geraniol	ND	ND	0.005
Linalool	0.0261	0.261	0.005	Isopulegol	ND	ND	0.005
β-Pinene	0.0259	0.259	0.005	p-Cymene	ND	ND	0.005
α-Pinene	0.0217	0.217	0.005	3-Carene	ND	ND	0.005
β-Myrcene	0.0144	0.144	0.005	α-Terpinene	ND	ND	0.005
Eucalyptol	0.0124	0.124	0.005	γ-Terpinene	ND	ND	0.005
Terpinolene	0.0109	0.109	0.005				

SAMPLE CERTIFICATION



12242020
 Frank P. Maurio COO/Michael R. Horton CSO & Date



Michael Horton Frank Mauro



Scan QR Code to verify COA at www.delta9analytical.com

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 uncertainty of measurement associated with the measurement result reported in this certificate is available from D9A upon request. This report may not be reproduced, except in full, without the written approval of D9A. Tests Ordered: C=Cannabinoids; PO=Potency; T=Terpenes; P=Pesticides; HM=Heavy Metals; MY=Mycotoxins; MC=Microbials; RS=Residual Solvents.