

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

9
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: **Hemp Generation**
 Client Address: 124 S Maynard Rd, Ste B
 Cary, NC 27511
 Grower/Processor Lic#: **NC 1477**

Sample ID: **1720**
 Received Date: 02082021
 Reported Date: 02112021
 Test(s) Ordered: **C + T**

Sample Strain: **Hazelnut**
 Sample Type: Flower
 Sample Matrix: **Hemp**; Cured
 Sample Size: 0.591g

CANNABINOID SUMMARY

TOTAL CANNABINOIDS:
 17.19%
TOTAL CBD: 14.09%
TOTAL THC: 0.6891%
Δ9-THC: 0.2766%

BATCH PHOTO



TERPENE SUMMARY

TOTAL: 1.191%

PRIMARY AROMAS
 Spicy, Woody, Fresh,
 Earthy, Piney, Floral

CANNABINOIDS (Liquid Chromatography Mass Spectrometry)

MOISTURE (loss on drying): 3.8132%

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.05	Cannabidolic Acid (CBDA)	13.249	132.49	0.05
Δ8-THC	ND	ND	0.05	Δ9-THC Acid (THCA)	0.4703	4.703	0.05
Cannabichromene (CBC)	0.1914	1.914	0.05	THC-varian (THCV)	ND	ND	0.05
Cannabigerol (CBG)	0.135	1.35	0.05	***Δ9-THC	0.2766	2.766	0.05
Cannabidiol (CBD)	2.474	24.74	0.05	**TOTAL CANNABINOIDS	17.1943	171.943	
Cannabigerolic Acid (CBGA)	0.3974	3.974	0.05	*TOTAL THC	0.689	6.891	
Cannabidivarin (CBDV)	ND	ND	0.05	*TOTAL CBD	14.094	140.94	

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-Myrcene	0.4368	4.368	0.005	Camphene	0.0056	0.056	0.005
α-Pinene	0.3225	3.225	0.005	Eucalyptol	<0.005	<0.05	0.005
cis-Nerolidol 1	0.1049	1.049	0.005	Guaiol	<0.005	<0.05	0.005
β-Pinene	0.0885	0.885	0.005	Geraniol	<0.005	<0.05	0.005
δ-Limonene	0.0746	0.746	0.005	α-Ocimene 1	ND	ND	0.005
β-Caryophyllene	0.0423	0.423	0.005	β-Ocimene 2	ND	ND	0.005
trans-Nerolidol 2	0.0344	0.344	0.005	Terpinolene	ND	ND	0.005
α-Bisabolol	0.0267	0.267	0.005	α-Terpinene	ND	ND	0.005
Linalool	0.0240	0.240	0.005	3-Carene	ND	ND	0.005
α-Humulene	0.0166	0.166	0.005	γ-Terpinene	ND	ND	0.005
Caryophyllene Oxide	0.0083	0.083	0.005	p-Cymene	ND	ND	0.005
Isopulegol	0.0060	0.060	0.005				

SAMPLE CERTIFICATION

 02112021
 Frank P. Mauro COO/Michael R. Horton CSO & Date



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.