

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  
 919-673-7153 / 919-450-1870  
 frank@delta9analytical.com  
 michael@delta9analytical.com

Client Name: **Hempleton**  
 Client Address: 8528 Market St.  
 Wilmington, NC 28411  
 Grower/Processor Lic#: **NC 14754**

Sample ID: **2828**  
 Received Date: 06282021  
 Reported Date: 06302021  
 Test(s) Ordered: **C + T**

Sample Strain: **Apollo 21**  
 Sample Type: Flower  
 Sample Matrix: **Hemp**; Cured  
 Sample Size: 1.197g Test Size: 50.7mg

<p style="text-align: center;"><b>CANNABINOID SUMMARY</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;"><b>TOTAL CANNABINOIDS:</b> 12.41%</p> <p style="text-align: center;"><b>TOTAL CBG:</b> 10.53%</p> <p style="text-align: center;"><b>TOTAL THC:</b> 0.2325%</p> <p style="text-align: center;"><b>Δ9-THC:</b> 0.0639%</p> </div>	<p style="text-align: center;"><b>BATCH PHOTO</b></p> 	<p style="text-align: center;"><b>TERPENE SUMMARY</b></p> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;"><b>TOTAL:</b> 0.1904%</p> </div> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;"><b>PRIMARY AROMAS</b> Spicy, Woody, Sweet, Floral</p> </div>
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**CANNABINOIDS** (Liquid Chromatography Mass Spectrometry)

**MOISTURE** (loss on drying): 5.7559%

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.05	Cannabidiol (CBD)	ND	ND	0.05
Δ8-THC	ND	ND	0.05	Cannabidiol Acid (CBDA)	ND	ND	0.05
Cannabichromene (CBC)	0.1826	1.826	0.05	Δ9-THC Acid (THCA)	0.1922	1.922	0.05
Cannabigerol (CBG)	0.2786	2.786	0.05	THC-varian (THCV)	ND	ND	0.05
Cannabigerol Acid (CBGA)	11.69	116.9	0.05	***Δ9-THC	0.0639	0.6394	0.05
Cannabidivarin (CBDV)	ND	ND	0.05	**TOTAL CANNABINOIDS	12.41	124.1	
				*TOTAL THC	0.2325	2.325	
				*TOTAL CBG	10.53	105.3	

**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	0.0298	0.2981	0.005	Camphene	ND	ND	0.005
β-Myrcene	0.0280	0.2801	0.005	Linalool	ND	ND	0.005
α-Bisabolol	0.0272	0.2720	0.005	Geraniol	ND	ND	0.005
trans-Nerolidol 2	0.0225	0.2249	0.005	Eucalyptol	ND	ND	0.005
δ-Limonene	0.0198	0.1980	0.005	Terpinolene	ND	ND	0.005
Caryophyllene Oxide	0.0194	0.1939	0.005	γ-Terpinene	ND	ND	0.005
cis-Nerolidol 1	0.0186	0.1863	0.005	β-Ocimene 2	ND	ND	0.005
α-Humulene	0.0146	0.1465	0.005	p-Cymene	ND	ND	0.005
Guaiol	0.0104	0.1043	0.005	α-Ocimene 1	ND	ND	0.005
α-Pinene	<0.005	<0.05	0.005	3-Carene	ND	ND	0.005
Isopulegol	<0.005	<0.05	0.005	α-Terpinene	ND	ND	0.005
β-Pinene	ND	ND	0.005				

**SAMPLE CERTIFICATION**

 06302021  
 Frank P. Mauro COO/Michael R. Horton CSO & Date



Scan QR Code to verify COA at [www.delta9analytical.com](http://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.