

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**  
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 Raleigh NC 27617  
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Client Name: **Hemp Quest Farms**  
 Client Address: 210 School Ave  
 Harrisburg, NC 28075  
 Grower/Processor Lic#:

Sample ID: **4172**  
 Received Date: 11242021  
 Reported Date: 12012021  
 Test(s) Ordered: **C + T**

Sample Name: **CBD Vape Cart**  
 Sample Type: Extract  
 Sample Matrix: **Concentrate**  
 Sample Size: 1g Test Size: 69.4mg

<p><b>CANNABINOID SUMMARY</b></p> <p><b>TOTAL CANNABINOIDS: 39.38%</b>  <b>TOTAL CBD: 38.93%</b>  <b>TOTAL THC: 0.1231%</b>  <b>Δ9-THC: 0.1231%</b></p>	<p><b>BATCH PHOTO</b></p> 	<p><b>TERPENE SUMMARY</b></p> <p><b>TOTAL: 0.0294%</b></p> <p><b>PRIMARY AROMAS</b>      Floral, Sweet, Woody,      Fruity, Spicy, Earthy</p>
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**CANNABINOIDS** (Liquid Chromatography Mass Spectrometry - LCMS)

ANALYTE	MASS (%)	MASS (mg/mL)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/mL)	LOQ (%)
Cannabinol (CBN)	0.0289	0.2890	0.02	Cannabidiolic Acid (CBDA)	ND	ND	0.02
Δ8-THC	ND	ND	0.02	Δ9-THC Acid (THCA)	ND	ND	0.02
Cannabichromene (CBC)	ND	ND	0.02	THC-varian (THCV)	ND	ND	0.02
Cannabigerol (CBG)	0.0510	0.5097	0.02	***Δ9-THC	0.1231	1.231	0.02
Cannabidiol (CBD)	38.93	389.30	0.02	**TOTAL CANNABINOIDS	39.38	393.8	
Cannabigerolic Acid (CBGA)	ND	ND	0.02	*TOTAL THC	0.1231	1.231	
Cannabidivarin (CBDV)	0.2435	2.435	0.02	*TOTAL CBD	38.93	389.3	

**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/mL)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/mL)	LOQ (%)
Geraniol	0.0236	0.2364	0.005	α-Pinene	ND	ND	0.005
α-Bisabolol	0.0058	0.0577	0.005	δ-Limonene	ND	ND	0.005
cis-Nerolidol 1	<0.005	<0.05	0.005	β-Pinene	ND	ND	0.005
trans-Nerolidol 2	<0.005	<0.05	0.005	γ-Terpinene	ND	ND	0.005
β-Caryophyllene	<0.005	<0.05	0.005	α-Terpinene	ND	ND	0.005
Linalool	<0.005	<0.05	0.005	3-Carene	ND	ND	0.005
α-Humulene	<0.005	<0.05	0.005	α-Ocimene 1	ND	ND	0.005
Caryophyllene Oxide	<0.005	<0.05	0.005	p-Cymene	ND	ND	0.005
Guaiol	<0.005	<0.05	0.005	Camphene	ND	ND	0.005
β-Myrcene	ND	ND	0.005	β-Ocimene 2	ND	ND	0.005
Terpinolene	ND	ND	0.005	Isopulegol	ND	ND	0.005
Eucalyptol	ND	ND	0.005				

**RESULT CERTIFICATION**

 12012021

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. Heavy Metals testing performed by Waters Ag Labs (Camilla, GA) and Pesticide, Mycotoxin and Microbial Testing performed by SJ Labs & Analytics (Macon, GA). Full Panel: Cannabinoids, Terpenes, Pesticides, Heavy Metals, Mycotoxins, Microbials and Residual Solvents.