

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

Sample ID: **4037**
 Received Date: 07052023
 Reported Date: 07132023
 Test(s) Ordered: **C + T**

Sample Name: **Broad Spectrum Lot#2**
 Sample Type: Extract; Batch #3
 Sample Matrix: **Tincture**; Sample #1
 Sample Size: 1oz Test Size: 101.9mg

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 4.746%
TOTAL CBD: 46.57 mg/g (1397 mgs)
TOTAL THC: ND
Δ9-THC: ND

BATCH PHOTO



TERPENE SUMMARY

TOTAL: 0.1814%

PRIMARY AROMAS
 Citrusy, Floral, Spicy,
 Woody, Piney, Sweet

CANNABINOIDS (Liquid Chromatography Mass Spectrometry - LCMS)

ANALYTE	MASS (%)	MASS (mg/mL)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/mL)	LOQ (%)
Cannabinol (CBN)	0.0349	0.3489	0.016	Cannabidolic Acid (CBDA)	ND	ND	0.016
Δ8-THC	ND	ND	0.016	Δ9-THC Acid (THCA)	ND	ND	0.016
Cannabichromene (CBC)	0.0207	0.2069	0.016	THC-varian (THCV)	ND	ND	0.016
Cannabigerol (CBG)	ND	ND	0.016	***Δ9-THC	ND	ND	0.016
Cannabidiol (CBD)	4.657	46.57	0.016	Cannabicitran (CBT)	0.0329	0.3290	0.016
Cannabigerolic Acid (CBGA)	ND	ND	0.016	**TOTAL CANNABINOIDS	4.746	47.46	
Cannabidivarin (CBDV)	ND	ND	0.016	*TOTAL THC	ND	ND	

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 (%)
δ-Limonene	0.0649	0.6490	0.005	α-Pinene	ND	ND	0.005
Geraniol	0.0248	0.2478	0.005	Eucalyptol	ND	ND	0.005
β-Myrcene	0.0208	0.2083	0.005	α-Ocimene 1	ND	ND	0.005
Linalool	0.0179	0.1790	0.005	β-Ocimene 2	ND	ND	0.005
β-Caryophyllene	0.0159	0.1587	0.005	Isopulegol	ND	ND	0.005
β-Pinene	0.0155	0.1554	0.005	Terpinolene	ND	ND	0.005
Guaiol	0.0143	0.1429	0.005	Camphene	ND	ND	0.005
Caryophyllene Oxide	0.0073	0.0730	0.005	p-Cymene	ND	ND	0.005
α-Bisabolol	ND	ND	0.005	γ-Terpinene	ND	ND	0.005
α-Humulene	ND	ND	0.005	3-Carene	ND	ND	0.005
cis-Nerolidol 1	ND	ND	0.005	α-Terpinene	ND	ND	0.005
trans-Nerolidol 2	ND	ND	0.005				

RESULT CERTIFICATION

 11192021
 Frank P. Mauricio COO/Michael R. Horton CSO & Date



Michael Horton Frank Mauricio



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. 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.