

NC Controlled Substance License #: NC-DHHS-1004369  
 DEA Controlled Substance License #: RD0577986  
 PROFICIENCY TESTING:  
 AbsoluteGrade PT Program – Absolute Standards INC (Hamden, CT)  
 ISO 17025 Certification:  
 IN PROGRESS - PJLA

9  
**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: **Hemp Quest Farms**  
 Client Address: P. O. Box 953  
 Harrisburg, NC 28075  
 Grower/Processor Lic#:

Sample ID: **10143**  
 Received Date: 05302024  
 Reported Date: 06052024  
 Test(s) Ordered: **C + T**

Sample Name: **PAIN – Intention Collection**  
 Sample Type: Tincture  
 Sample Matrix: **Oil/Extract**  
 Sample Size: 1oz Test Size: 48.3mg

**CANNABINOID SUMMARY**

**TOTAL CANNABINOIDS: 5.789%**  
 57.89 mg/g (**1737** mgs/oz)  
**CBN: 8.285 mg/g (249 mgs/oz)**  
**CBG: 7.705 mg/g (231 mgs/oz)**  
**CBD: 39.97 mg/g (1199 mgs/oz)**  
**TOTAL THC: 0.0398%**  
**Δ9-THC: 0.0398%**



ANALYTICAL

**CANNABINOIDS** (Liquid Chromatography Mass Spectrometry - LCMS)

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	0.8285	8.285	0.005	9S-Hexahydrocannabinol	ND	ND	0.005
Δ8-THC	ND	ND	0.005	9R-Hexahydrocannabinol	ND	ND	0.005
Cannabichromene (CBC)	0.0313	0.3126	0.005	Cannabidolic Acid (CBDA)	ND	ND	0.005
Cannabigerol (CBG)	0.7705	7.705	0.005	Δ9-THC Acid (THCA)	ND	ND	0.005
Cannabidiol (CBD)	3.997	39.97	0.005	THC-varian (THCV)	ND	ND	0.005
Cannabigerolic Acid (CBGA)	ND	ND	0.005	<b>***Δ9-THC</b>	<b>0.0398</b>	<b>0.3983</b>	0.005
Cannabidivarin (CBDV)	0.0323	0.3234	0.005	<b>**TOTAL CANNABINOIDS</b>	<b>5.789</b>	<b>57.89</b>	
Cannabidivarin Acid (CBDVA)	ND	ND	0.005	<b>*TOTAL THC</b>	<b>0.0398</b>	<b>0.3983</b>	
Cannabicitran (CBT)	0.0900	0.9000	0.005	<b>*TOTAL CBD</b>	<b>3.997</b>	<b>39.97</b>	
6aR,9S-Δ10-THC	ND	ND	0.005	<b>*TOTAL CBG</b>	<b>0.7705</b>	<b>7.705</b>	
6aR,9R-Δ10-THC	ND	ND	0.005	<b>*TOTAL CBDV</b>	<b>0.0323</b>	<b>0.3234</b>	
THC-O-Acetate	ND	ND	0.005	TOTAL Δ10-THC	ND	ND	
THCp	ND	ND	0.005	TOTAL HHC	ND	ND	

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

**RESULT CERTIFICATION** 06052024

*Frank P. Mauro / Michael R. Horton*

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

Michael Horton Frank Mauro

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 measurement of uncertainty = 0.04985%. This report may not be reproduced, except in full, without the written approval of D9A. **Tests Ordered:** C = Cannabinoids, T = Terpenes.



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**TERPENE SUMMARY**

**TOTAL: 0.2688%**

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



**TERPENES (GC FID)**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
$\alpha$ -Pinene	0.1158	1.158	0.0125	Guaiol	ND	ND	0.0125
$\beta$ -Myrcene	0.0385	0.3852	0.0125	$\alpha$ -Bisabolol	ND	ND	0.0125
$\beta$ -Caryophyllene	0.0318	0.3184	0.0125	$\beta$ -Ocimene 2	ND	ND	0.0125
$\beta$ -Pinene	0.0268	0.2680	0.0125	Geraniol	ND	ND	0.0125
Linalool	0.0261	0.2611	0.0125	Isopulegol	ND	ND	0.0125
$\delta$ -Limonene	0.0241	0.2408	0.0125	Camphene	ND	ND	0.0125
Terpinolene	0.0057	0.0566	0.0125	3-Carene	ND	ND	0.0125
$\alpha$ -Humulene	ND	ND	0.0125	$\gamma$ -Terpinene	ND	ND	0.0125
trans-Nerolidol 2	ND	ND	0.0125	$\alpha$ -Terpinene	ND	ND	0.0125
Eucalyptol	ND	ND	0.0125	$\alpha$ -Ocimene 1	ND	ND	0.0125
Caryophyllene Oxide	ND	ND	0.0125	p-Cymene	ND	ND	0.0125
cis-Nerolidol 1	ND	ND	0.0125				

ND = Not Detected

**RESULT CERTIFICATION** 06052024

*Frank P. Maurio / Michael R. Horton*

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

Michael Horton Frank Maurio

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