

NC Controlled Substance License #: NC-DHHS-1002881  
 DEA Controlled Substance License #: RD0577986  
 ISO 17025 Certification: PENDING

9  
**ANALYTICAL**  
**Delta 9 Analytical**  
 Professional, Accurate, Responsive

**Laboratory Location**  
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 Raleigh NC 27617  
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Client Name: **HG Hemp**  
 Client Address: 3732 Tarheel Club Rd  
 Raleigh, NC 27604  
 Grower/Processor Lic#: **USDA\_37\_0378**

Sample ID: **7727**  
 Received Date: 11112022  
 Reported Date: 11152022  
 Test(s) Ordered: **Cannabinoids**

Sample Name: **Merlot**  
 Sample Type: Flower  
 Sample Matrix: **Hemp; Dried**  
 Sample Size: 0.147g Test Size: 55.2mg

**CANNABINOID SUMMARY**

**TOTAL CANNABINOIDS: 13.72%**  
**TOTAL CBD: 11.41%**  
**TOTAL THC: 0.3625%**  
**Δ9-THC: <0.048%**



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

**MOISTURE** (loss on drying): **5.3879%**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.048	9S-Hexahydrocannabinol (HHCS)	ND	ND	0.048
Δ8-THC	ND	ND	0.048	9R-Hexahydrocannabinol (HHCR)	ND	ND	0.048
<b>Cannabichromene (CBC)</b>	<b>&lt;0.048</b>	<b>&lt;0.48</b>	0.048	<b>Cannabidolic Acid (CBDA)</b>	<b>12.74</b>	<b>127.4</b>	0.048
<b>Cannabigerol (CBG)</b>	<b>&lt;0.048</b>	<b>&lt;0.48</b>	0.048	<b>Δ9-THC Acid (THCA)</b>	<b>0.4133</b>	<b>4.133</b>	0.048
<b>Cannabidiol (CBD)</b>	<b>0.2372</b>	<b>2.372</b>	0.048	THC-varian (THCV)	ND	ND	0.048
<b>Cannabigerolic Acid (CBGA)</b>	<b>0.1169</b>	<b>1.169</b>	0.048	<b>***Δ9-THC</b>	<b>&lt;0.048</b>	<b>&lt;0.48</b>	0.048
Cannabidivarin (CBDV)	ND	ND	0.048	<b>**TOTAL CANNABINOIDS</b>	<b>13.72</b>	<b>137.2</b>	
<b>Cannabidivarin Acid (CBDVA)</b>	<b>0.2113</b>	<b>2.113</b>	0.048	<b>*TOTAL THC</b>	<b>0.3625</b>	<b>3.625</b>	
Cannabicitran (CBT)	ND	ND	0.048	<b>*TOTAL CBD</b>	<b>11.41</b>	<b>114.1</b>	
6aR,9S-Δ10-THC	ND	ND	0.048	<b>*TOTAL CBG</b>	<b>0.1025</b>	<b>1.025</b>	
6aR,9R-Δ10-THC	ND	ND	0.048	<b>*TOTAL CBDV</b>	<b>0.1853</b>	<b>1.853</b>	
THC-O-Acetate (THCO)	ND	ND	0.048	TOTAL Δ10-THC	ND	ND	
THCp	ND	ND	0.048	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**

11152022

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

Michael Horton Frank Mauro

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 measurement of uncertainty = 0.04985%. This report may not be reproduced, except in full, without the written approval of D9A. Test(s) Ordered: C=Cannabinoids.