

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 Acct#: 07	Grower/Processor Lic: 756	Sample Strain: Full Spectrum 1500mg
Client Name: Southern Shepherd Farms	Received Date: 08312020	Sample Type: Extract
Client Address: 1822 Bushy Cook Rd	Reported Date: 09012020	Sample Matrix: Tincture
Efland, NC 27243	Sample ID: 0000384	Sample Size: 30 mL Dropper Bottle

Certificate of Analysis – HEMP



Scan to verify
CofA at
 www.delta9analytical.com

0.2171% *TOTAL THC	0.2171% Δ9 THC
4.121% *TOTAL CBD	4.477% *TOTAL Cannabinoids



Batch Photo

Quick Summary

CANNABINOID PROFILE

(Tested by High-Performance Liquid Chromatography Mass Spectrometry)

<u>Cannabinoid</u>	<u>% Wt</u>	<u>Cocn (mg/mL)</u>	<u>LOQ (%Wt)</u>
Cannabinol (CBN)	0.0226	0.226	<0.01
Δ8-THC	ND	ND	<0.01
Cannabichromene (CBC)	0.0214	0.214	<0.01
Cannabigerol (CBG)	0.0653	0.653	<0.01
Cannabidiol (CBD)	4.1213	41.21	<0.01
Cannabigerolic Acid (CBGA)	ND	ND	<0.01
Cannabidivarin (CBDV)	0.0291	0.291	<0.01
Cannabidolic Acid (CBDA)	ND	ND	<0.01
Δ9-Tetrahydrocannabinolic Acid (THCA)	ND	ND	<0.01
Tetrahydrocannabidvarian (THCV)	ND	ND	<0.01
**Δ9-THC	0.2171	2.171	<0.01
*TOTAL CANNABINOIDS	4.4768	44.77	
*TOTAL THC	0.2171	2.171	
*TOTAL CBD	4.121	41.21	

SAMPLE CERTIFICATION

09/01/2020
 Frank P. Mauro COO/Michael R. Horton CSO & Date

**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.*

*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.*