

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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 michael@delta9analytical.com

Client Acct#: 07
 Client Name: Southern Shepherd Farms
 Client Address: 1822 Bushy Cook Rd
 Efland, NC 27243

Grower/Processor Lic: **756**
 Received Date: 08312020
 Reported Date: 09012020
 Sample ID: **0000383**

Sample Strain: **Full Spectrum**
 Sample Type: Extract
 Sample Matrix: Edible/Gummy
 Sample Size: 5g

Certificate of Analysis – HEMP



Scan to verify
 CofA at
 www.delta9analytical.com

0.0168% *TOTAL THC	0.0168% Δ9 THC
0.3640% *TOTAL CBD	0.3806% *TOTAL Cannabinoids

Quick Summary



Batch Photo

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)	ND	ND	<0.01
Δ8-THC	ND	ND	<0.01
Cannabichromene (CBC)	ND	ND	<0.01
Cannabigerol (CBG)	ND	ND	<0.01
Cannabidiol (CBD)	0.3637	3.637	<0.01
Cannabigerolic Acid (CBGA)	ND	ND	<0.01
Cannabidivarin (CBDV)	ND	ND	<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	0.0168	0.168	<0.01
*TOTAL CANNABINOIDS	0.3806	3.806	
*TOTAL THC	0.0168	0.168	
*TOTAL CBD	0.364	3.640	

SAMPLE CERTIFICATION

09/01/2020
 Frank P. Maurio 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.*