

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

9
ANALYTICAL
Delta 9 Analytical
 Professional, Accurate, Responsive

Laboratory Location
 6308 Angus Drive, Ste B
 Raleigh NC 27617
 919-673-7153 / 919-450-1870
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Client Name: **RTW & CO, LLC**

Sample ID: **2816**

Sample Name: **FS w/CBN Extract**

Received Date: 06282021

Sample Type: Extract

Reported Date: 06302021

Sample Matrix: **Tincture**; 2000mg

Grower/Processor Lic#:

Test(s) Ordered: **C + T**

Sample Size: 1oz Test Size: 66.3mg

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 80.20 mg/g
TOTAL CBD: 60.53 mg/g
CBN: 11.87 mg/g
TOTAL THC: 0.1771%
Δ9-THC: 0.1771%

BATCH PHOTO



TERPENE SUMMARY

TOTAL: 0.0828%

PRIMARY AROMAS

Floral, Spicy, Woody, Fruity

CANNABINOIDS (Liquid Chromatography Mass Spectrometry)

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	1.187	11.87	0.02	Cannabidolic Acid (CBDA)	ND	ND	0.02
Δ8-THC	ND	ND	0.02	Δ9-THC Acid (THCA)	ND	ND	0.02
Cannabichromene (CBC)	0.3588	3.588	0.02	THC-varian (THCV)	ND	ND	0.02
Cannabigerol (CBG)	0.1964	1.964	0.02	***Δ9-THC	0.1771	1.771	0.02
Cannabidiol (CBD)	6.053	60.53	0.02	**TOTAL CANNABINOIDS	8.020	80.20	
Cannabigerolic Acid (CBGA)	ND	ND	0.02	*TOTAL THC	0.1771	1.771	
Cannabidivarin (CBDV)	0.0483	0.4826	0.02	*TOTAL CBD	6.053	60.53	

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/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Linalool	0.0138	0.1383	0.005	β-Pinene	ND	ND	0.005
β-Caryophyllene	0.0133	0.1330	0.005	Eucalyptol	ND	ND	0.005
cis-Nerolidol 1	0.0111	0.1108	0.005	Camphene	ND	ND	0.005
Caryophyllene Oxide	0.0110	0.1102	0.005	Geraniol	ND	ND	0.005
α-Humulene	0.0093	0.0934	0.005	Terpinolene	ND	ND	0.005
Guaiol	0.0085	0.0852	0.005	γ-Terpinene	ND	ND	0.005
α-Bisabolol	0.0084	0.0840	0.005	β-Ocimene 2	ND	ND	0.005
trans-Nerolidol 2	0.0073	0.0731	0.005	p-Cymene	ND	ND	0.005
Isopulegol	ND	ND	0.005	α-Ocimene 1	ND	ND	0.005
β-Myrcene	ND	ND	0.005	3-Carene	ND	ND	0.005
δ-Limonene	ND	ND	0.005	α-Terpinene	ND	ND	0.005
α-Pinene	ND	ND	0.005				

SAMPLE CERTIFICATION

 06302021
 Frank P. Mauro COO/Michael R. Horton CSO & Date



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. Tests Ordered: C=Cannabinoids; PO=Potency; T=Terpenes; P=Pesticides; HM=Heavy Metals; MY=Mycotoxins; MC=Microbials; RS=Residual Solvents.