

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



Laboratory Location
 6308 Angus Drive, Ste B
 Raleigh NC 27617
 919-673-7153 / 919-450-1870
 frank@delta9analytical.com
 michael@delta9analytical.com

Client Acct#: 29
 Client Name: New River Distilling Co.
 Client Address: 180 Yuma Lane
 Deep Gap, NC 28618

NC Processor Lic#:
 Received Date: 10082020
 Reported Date: 10172020
 Sample ID: 863

Sample: **Mangold – 25mg**
 Sample Type: Extract
 Sample Matrix: Gummy
 Sample Size: 5.2g

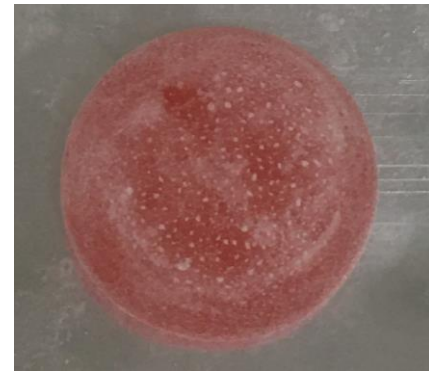
Certificate of Analysis

CANNABINOID SUMMARY

TOTAL CANNABINOIDS:
 0.5480%
Δ8-THC: 0.5333%
TOTAL THC: 0.0147%
Δ9-THC: 0.0147%

QUICK SUMMARY

BATCH PHOTO



CANNABINOIDS (Liquid Chromatography Mass Spectrometry - LCMS)

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.05	Cannabidolic Acid (CBDA)	ND	ND	0.05
Δ8-THC	0.5333	5.333	0.05	Δ9-THC Acid (THCA)	ND	ND	0.05
Cannabichromene (CBC)	ND	ND	0.05	THC-varian (THCV)	ND	ND	0.05
Cannabigerol (CBG)	ND	ND	0.05	***Δ9-THC	0.0147	0.147	0.05
Cannabidiol (CBD)	ND	ND	0.05	**TOTAL CANNABINOIDS	0.548	5.48	
Cannabigerolic Acid (CBGA)	ND	ND	0.05	*TOTAL THC	0.0147	0.147	
Cannabidivarin (CBDV)	ND	ND	0.05	*TOTAL CBG	ND	ND	

*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

RESULT CERTIFICATION

 10172020
 Frank P. Mauro COO/Michael R. Horton CSO & Date



Michael Horton Frank Mauro



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. Pesticides, Heavy Metals, Mycotoxin, Residual Solvent testing performed by Sativa Testing Labs (Powhatan, VA) and Microbial Testing performed by SJ Labs & Analytics (Macon, GA).

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



Laboratory Location
6308 Angus Drive, Ste B
Raleigh NC 27617
919-673-7153 / 919-450-1870
frank@delta9analytical.com
michael@delta9analytical.com

PESTICIDES (48 pesticides by Liquid Chromatography Mass Spectrometry - LCMS)

ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)
Abamectin B1a	89	ND	Etoxazole	100	ND	Paclobutrazol	100	ND
Acephate	100	ND	Fenhexamide	100	ND	Piperonyl Butoxide	100	ND
Acetamiprid	100	ND	Fenoxycarb	100	ND	Propiconazole	100	ND
Aldicarb	100	ND	Fenpyroximate	100	ND	Propoxur	100	ND
Azoxystrobin	100	ND	Fipronil	100	ND	Pyrethrin 1	27	ND
Bifenazate	100	ND	Flonicamid	100	ND	Pyridaben	100	ND
Boscalid	100	ND	Fludioxinol	100	ND	Spinosyn A	48	ND
Carbaryl	100	ND	Imazalil	100	ND	Spinosyn D	53	ND
Carbofuran	100	ND	Imidacloprid	100	ND	Spinosyn J	80	NT
Chlorantraniliprole	100	ND	Kresoxim Methyl	100	ND	Spiromesifen	100	ND
Cypermethrin	100	ND	Malathion	100	ND	Spirotetramat	100	ND
Diazinon	100	ND	Metalaxyl	100	ND	Spiroxamine	100	ND
Dimethoate	100	ND	Methomyl	100	ND	Tebuconazole	100	ND
Dimethomorph	100	NT	Mevinphos	100	NT	Thiacloprid	100	ND
Ethoprophos	100	ND	Myclobutanil	100	ND	Thiamethozam	100	ND
Etofenprox	100	ND	Oxamyl	100	ND	Trifloxystrobin	100	ND

ND = Not Detected; NT = Not Tested

HEAVY METALS

Analyte	Mass (PPM)	LOQ/LIMIT (PPM)
Arsenic	ND	2.5/10
Cadmium	ND	2.5/4
Lead	ND	2.5/10
Mercury	ND	0.2

Method: ICP-MS ND = Not Detected

RESULT CERTIFICATION

 10172020
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. Pesticides, Heavy Metals, Mycotoxin, Residual Solvent testing performed by Sativa Testing Labs (Powhatan, VA) and Microbial Testing performed by SJ Labs & Analytics (Macon, GA).