

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

Client Name: **CannaBuddy**
 Client Address: 10800 Independence Pointe
 Parkway, Ste A, Matthews, NC 28105
 Grower/Processor Lic#:

Sample ID: **5564**
 Received Date: 04282022
 Reported Date: 05122022
 Test(s) Ordered: **Full Panel**

Sample Name: **HHC Tangy**
 Sample Type: Extract/Flower
 Sample Matrix: **Hemp/Distillate**
 Sample Size: 8.15g Test Size: 7g

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 41.72%
TOTAL HHC: 312.7 mg/g
TOTAL THC: 0.0991%
Δ9-THC: ND

BATCH PHOTO



CANNABINOIDS (Liquid Chromatography Mass Spectrometry - LCMS)


MOISTURE (loss on drying): NT

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	0.0350	0.3502	0.01
Δ8-THC	0.6227	6.227	0.01
Cannabichromene (CBC)	0.1166	1.166	0.01
Cannabigerol (CBG)	0.2274	2.274	0.01
Cannabidiol (CBD)	0.3472	3.472	0.01
Cannabigerolic Acid (CBGA)	5.349	53.49	0.01
Cannabidivarin (CBDV)	ND	ND	0.01
Cannabidivarin Acid (CBDVA)	0.0847	0.8472	0.01
Cannabicitran (CBT)	ND	ND	0.01
6aR,9S-Δ10-THC	ND	ND	0.01
6aR,9R-Δ10-THC	ND	ND	0.01
THC-O-Acetate	ND	ND	0.01
THCp	ND	ND	0.01

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
9R-Hexahydrocannabinol	11.60	116.0	0.01
9S-Hexahydrocannabinol	19.68	196.8	0.01
Cannabidiolic Acid (CBDA)	3.548	35.48	0.01
Δ9-THC Acid (THCA)	0.1130	1.130	0.01
THC-varian (THCV)	ND	ND	0.01
***Δ9-THC	ND	ND	0.01
**TOTAL CANNABINOIDS	41.72	417.2	
*TOTAL THC	0.0991	0.9910	
*TOTAL CBG	8.377	83.77	
TOTAL HHC	31.28	312.8	
*TOTAL CBD	3.459	34.59	
*TOTAL CBDV	0.0743	0.7431	
TOTAL Δ10-THC	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

RESULT CERTIFICATION


 Frank P. Mauro COO/Michael R. Horton CSO & Date 05122022



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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. Heavy Metals testing performed by Waters Ag Labs (Camilla, GA) and Pesticide, Mycotoxin and Microbial Testing performed by SJ Labs & Analytics (Macon, GA). Full Panel: Cannabinoids, Pesticides, Heavy Metals, Mycotoxins, Microbials and Residual Solvents.

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PESTICIDES (61 pesticides by Liquid Chromatography Mass Spectrometry – LCMS; ND = Not Detected)

ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)	ANALYTE	LOQ (PPB)	MASS (PPB)
Abamectin	100	ND	Diazinon	100	ND	Myclobutanil	100	ND
Acephate	100	ND	Dimethoate	100	ND	Oxamyl	100	ND
Acequinocyl	100	ND	Dimethomorph	100	ND	Paclobotrazol	100	ND
Acetamiprid	100	ND	Ethoprophos	100	ND	Permethrin	100	ND
Aldicarb	100	ND	Etofenprox	100	ND	Phosmet	100	ND
Azoxystrobin	100	ND	Etoazole	100	ND	Piperonyl Butoxide	100	ND
Bifenazate	100	ND	Fenhexamid	100	ND	Prallethrin	100	ND
Bifenthrin	100	ND	Fenoxycarb	100	ND	Propiconazole	100	ND
Boscalid	100	ND	Fenpyrozimate	100	ND	Propoxur	100	ND
Carbaryl	100	ND	Fipronil	100	ND	Pyrethrins	100	ND
Carbofuran	100	ND	Flonicamid	100	ND	Pyridaben	100	ND
Chlorantraniliprole	100	ND	Fludioxonil	100	ND	Spinetoram	100	ND
Chlordane	100	ND	Hexythiazox	100	ND	Spinosad	100	ND
Chlorfenapyr	100	ND	Imazalil	100	ND	Spinoxamine	100	ND
Chlorpyrifos	100	ND	Imidacloprid	100	ND	Spiromesifen	100	ND
Clofentezine	100	ND	Kresoxim Methyl	100	ND	Spirotetramat	100	ND
Coumaphos	100	ND	Malathion	100	ND	Tebuconazole	100	ND
Cyfluthrin	100	ND	Metaxyl	100	ND	Thiacloprid	100	ND
Cypermethrin	100	ND	Methiocarb	100	ND	Thiamethoxam	100	ND
Daminozide	100	ND	Methomyl	100	ND	Trifloxystrobin	100	ND
DDVP Dichlorvos	100	ND	Mevinphos	100	ND			

HEAVY METALS

Analyte	Mass (PPM)	LOQ (PPM)
Arsenic	0.610	0.001
Cadmium	0.328	0.015
Lead	<0.015	0.015
Mercury	0.007	0.001

Method: ICP-MS **ND = Not Detected**

MICROBIALS

Organism	Results (CFU)
Aspergillus fumigatus	PASS
Aspergillus terreus	PASS
Aspergillus niger	PASS
Aspergillus flavus	PASS
TOTAL Entero bacteriaceae	PASS
E. Coli	PASS

Method: DRBC agar, Total Aerobic Dip slide; Total Enterobacteriaceae & E. coli Petrifilm

MYCOTOXINS

Toxin	LOQ PPM	Units PPM
Aflatoxin B1	20.0	ND
Aflatoxin B2	20.0	ND
Aflatoxin G1	20.0	ND
Aflatoxin G2	20.0	ND
TOTAL Aflatoxins	20.0	ND
Ochratoxin A	20.0	ND

Method: LCMS **ND = Not Detected**

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RESIDUAL SOLVENTS

Solvent	Result (PPM)	LOQ (PPM)	Solvent	Result (PPM)	LOQ (PPM)	Solvent	Result (PPM)	LOQ (PPM)
Acetone	ND	25	Ethanol	ND	100	2-Propanol	ND	25
Acetonitrile	ND	5	Ethyl Acetate	ND	5	Toluene	ND	1
Benzene	ND	1	(C7) n-Heptane	ND	5	Trichloroethene	ND	1
Chloroform	ND	1	(C6) n-Hexane	ND	5	m-Xylene	ND	5 total
Cyclohexane	ND	6	Methanol	ND	25	o-Xylene	ND	5 total
1,2-Dichloroethane	ND	1	Methylene Chloride	ND	1	p-Xylene	ND	5 total
Diethyl ether	ND	20	(C5) n-Pentane	ND	5			

Performed on GC FID

ND = Not Detected

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Michael Horton Frank Mauro



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