

9
ANALYTICAL
Delta 9 Analytical
 Professional, Accurate, Responsive

NC Controlled Substance License #: NC-DHHS-1002881
 DEA Controlled Substance License #: RD0577986
 ISO 17025 Certification: PENDING

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

Client Name: **Aloha Plus LLC**
 Client Address: 9650 Leesville Rd
 Raleigh, NC 27613
 Grower/Processor Lic#:

Sample ID: **8517**
 Received Date: 01172023
 Reported Date: 02022023
 Test(s) Ordered: **Full Panel**

Sample Name: **FS CBD**
 Sample Type: Tincture
 Sample Matrix: **Oil/Extract**
 Sample Size: 1oz Test Size: 7g

CANNABINOID SUMMARY	
TOTAL CANNABINOIDS:	16.40% 164.0 mg/g (4920 mgs)
TOTAL CBC:	6.861 mg/g (206 mgs)
TOTAL CBD:	148.0 mg/g (4518 mgs)
TOTAL THC:	0.2359%
Δ9-THC:	2.359 mg/g (71 mgs)



CANNABINOIDS (Liquid Chromatography Mass Spectrometry - LCMS)

MOISTURE (loss on drying): **NT**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	0.0292	0.2920	0.004
Δ8-THC	ND	ND	0.004
Cannabichromene (CBC)	0.6861	6.861	0.004
Cannabigerol (CBG)	0.1225	0.1225	0.004
Cannabidiol (CBD)	14.80	148.0	0.004
Cannabigerolic Acid (CBGA)	ND	ND	0.004
Cannabidivarin (CBDV)	0.1319	1.319	0.004
Cannabidivarin Acid (CBDVA)	ND	ND	0.004
Cannabicitran (CBT)	0.0731	0.7310	0.004
6aR,9S-Δ10-THC	ND	ND	0.004
6aR,9R-Δ10-THC	ND	ND	0.004
THC-O-Acetate	ND	ND	0.004
THCp	ND	ND	0.004

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
9S-Hexahydrocannabinol (HHCS)	ND	ND	0.004
9R-Hexahydrocannabinol (HHCR)	ND	ND	0.004
Cannabidolic Acid (CBDA)	0.2957	2.957	0.004
Δ9-THC Acid (THCA)	ND	ND	0.004
THC-varian (THCV)	0.0236	0.2361	0.004
***Δ9-THC	0.2359	2.359	0.004
**TOTAL CANNABINOIDS	16.40	164.0	
*TOTAL THC	0.2359	2.359	
*TOTAL CBD	15.06	150.6	
*TOTAL CBG	ND	ND	
*TOTAL CBDV	0.1319	1.319	
TOTAL HHC	ND	ND	
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; NT = Not Tested**

<p>RESULT CERTIFICATION</p> <p><i>[Signature]</i> 02022023</p> <p>Frank P. Mauro COO/Michael R. Horton CSO & Date</p>	<p>Michael Horton Frank Mauro</p>		<p>Scan QR Code to verify COA at www.delta9analytical.com</p>
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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 measurement of uncertainty = 0.04985%. This report may not be reproduced, except in full, without the written approval of D9A. **Test(s) Ordered:** FP = Full Panel (Cannabinoids, Terpenes, Pesticides, Heavy Metals, Mycotoxins, Microbials, Residual Solvents. Pesticides, Mycotoxins, Microbials (SL Labs, Macon, GA). Heavy Metals (WAL, Camilla, GA).

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PESTICIDES (62 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	Paclobutrazol	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
Chlorantranilprole	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	Metalaxyl	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			

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HEAVY METALS

Analyte	Mass (PPM)	LOQ (PPM)
Arsenic	0.205	0.001
Cadmium	<0.015	0.015
Lead	0.336	0.015
Mercury	0.009	0.001

Method: ICP-MS ND = Not Detected

MYCOTOXINS

Toxin	LOQ PPM	Units PPM
Aflatoxin B1	20	ND
Aflatoxin B2	20	ND
Aflatoxin G1	20	ND
Aflatoxin G2	20	ND
TOTAL Aflatoxins	20	ND
Ochratoxin A	20	ND

Method: LCMS 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

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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) <i>n</i> -Heptane	ND	5	Trichloroethene	ND	1
Chloroform	ND	1	(C6) <i>n</i> -Hexane	ND	5	<i>m</i> -Xylene	ND	5 total
Cyclohexane	ND	6	Methanol	ND	25	<i>o</i> -Xylene	ND	5 total
1,2-Dichloroethane	ND	1	Methylene Chloride	ND	1	<i>p</i> -Xylene	ND	5 total
Diethyl ether	ND	20	(C5) <i>n</i> -Pentane	ND	5			

Performed on GC FID

ND = Not Detected

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