



Accreditation #120090

Proficiency Testing:
ATSM & PHENOVA

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

NC Controlled Substance License #:
NC-DHHS-1004369
DEA Controlled Substance License #:
RD0577986

Client Name: **Hemp Collect**
Client Address:

Sample ID: **21813**
Received Date: 03132025
Reported Date: 03282025
Test(s) Ordered: **Full Panel**

Sample Name: **Carbon Fiber**
Sample Type: Flower
Sample Matrix: **THCA**
Sample Size: 7g

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 13.30%
TOTAL THC: 11.55%
THCA: 13.06%
Δ9-THC: 0.0916%

BATCH PHOTO**CANNABINOIDS** (Liquid Chromatography Mass Spectrometry - LCMS)MOISTURE (loss on drying): **NT**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.050	9S-Hexahydrocannabinol (HHCS)	ND	ND	0.050
Δ8-THC	ND	ND	0.050	9R-Hexahydrocannabinol (HHCR)	ND	ND	0.050
Cannabichromene (CBC)	ND	ND	0.050	Cannabidiolic Acid (CBDA)	ND	ND	0.050
Cannabigerol (CBG)	<LOQ	<LOQ	0.050	Δ9-THC Acid (THCA)	13.06	130.6	0.050
Cannabidiol (CBD)	ND	ND	0.050	THC-varian (THCV)	ND	ND	0.050
Cannabigerolic Acid (CBGA)	0.1529	1.529	0.050	***Δ9-THC	0.0916	0.9159	0.050
Cannabidivarin (CBDV)	ND	ND	0.050	**TOTAL CANNABINOIDS	13.30	133.0	
Cannabidivarin Acid (CBDVA)	ND	ND	0.050	*TOTAL THC	11.55	115.5	
Cannabicitran (CBT)	ND	ND	0.050	*TOTAL CBD	ND	ND	
6aR,9S-Δ10-THC	ND	ND	0.050	*TOTAL CBG	0.1341	1.341	
6aR,9R-Δ10-THC	ND	ND	0.050	*TOTAL CBDV	ND	ND	
THC-O-Acetate (THCO)	ND	ND	0.050	TOTAL Δ10-THC	ND	ND	
THCp	ND	ND	0.050	TOTAL HHC	ND	ND	

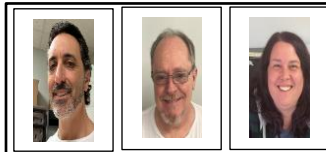
Calculated as follows: Total CBD/G/V = CBDA/GA/VA% (0.877) + CBD/G/V%. Total THC = THCA%(0.877) + Δ9-THC%. **Total Cannabinoids is the absolute sum of all cannabinoids detected. **ND = Not Detected; NT = Not Tested**

RESULT CERTIFICATION

03282025

Frank P. Mauro/Michael R. Horton/Brittany A. Magge

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



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PESTICIDES (67 pesticides by Liquid Chromatography Mass Spectrometry – LCMS; ND = Not Detected)

ANALYTE	LOQ (PPB)	Limit (PPB)	Results (PPB)	ANALYTE	LOQ (PPB)	Limit (PPB)	Results (PPB)	ANALYTE	LOQ (PPB)	Limit (PPB)	Results (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	Pacllobutrazol	100	---	ND
Acetamiprid	100	---	ND	Ethoprofos	100	---	ND	Pentachloronitrobenzene	100	---	ND
Aldicarb	100	---	ND	Etofenprox	100	---	ND	Permethrin	100	---	ND
Azoxystrobin	100	---	ND	Etoazole	100	---	ND	Phosmet	100	---	ND
Bifenazate	100	---	ND	Fenhexamid	100	---	ND	Piperonyl Butoxide	100	---	ND
Bifenthrin	100	---	ND	Fenoxycarb	100	---	ND	Prallethrin	100	---	ND
Boscalid	100	---	ND	Fenpyrozimate	100	---	ND	Propiconazole	100	---	<LOQ
Captan	1000	---	ND	Fipronil	100	---	ND	Propoxur	100	---	ND
Carbaryl	100	---	ND	Fonicamid	100	---	ND	Pyrethrins	100	---	ND
Carbofuran	100	---	ND	Fludioxonil	100	---	ND	Pyridaben	100	---	ND
Chlorantraniliprole	100	---	ND	Fluoxastrobin	100	---	ND	Spinetoram	100	---	ND
Chlordane	100	---	ND	Hexythiazox	100	---	ND	Spinosad	100	---	ND
Chlorfenapyr	100	---	ND	Imazalil	100	---	ND	Spinoxamine	100	---	ND
Chlormequat Chloride	100	---	ND	Imidacloprid	100	---	ND	Spiromesifen	100	---	ND
Chlorpyrifos	100	---	ND	Kresoxim Methyl	100	---	ND	Spirotetramat	100	---	ND
Clofentezine	100	---	ND	Malathion	100	---	ND	Tebuconazole	100	---	ND
Coumaphos	100	---	ND	Metalaxyl	100	---	ND	Thiacloprid	100	---	ND
Cyfluthrin	100	---	ND	Methiocarb	100	---	ND	Thiamethoxam	100	---	ND
Cypermethrin	100	---	ND	Methomyl	100	---	ND	Trifloxystrobin	100	---	ND
Daminozide	100	---	ND	methyl parathion	100	---	ND				
Dichlorvos	100	---	ND	Mevinphos	100	---	ND				

HEAVY METALS

Analyte	LOQ (PPB)	Results (PPB)	Limit (PPB)
Cadmium	10	ND	---
Lead	10	0.01	---
Arsenic	10	0.02	---
Mercury	10	ND	---

Method: ICP-MS ND = Not Detected

MYCOTOXINS

Toxin	LOQ (PPB)	Results (PPB)	Limit (PPB)
Aflatoxin B1	5	ND	---
Aflatoxin B2	5	ND	---
Aflatoxin G1	5	ND	---
Aflatoxin G2	5	ND	---
TOTAL Aflatoxins	20	ND	---
Ochratoxin A	5	ND	---

Method: LCMS ND = Not Detected

MICROBIALS

Organism	LOQ (CFU)	Results (CFU)	Limit (CFU)
Aspergillus fumigatus	10	ND	---
Aspergillus terreus	10	ND	---
Aspergillus niger	10	ND	---
Aspergillus flavus	10	ND	---
Total Coliform	10	ND	---
BTGN	10	ND	---
STEC	1	ND	---
Salmonella	1	ND	---
Total Yeast/Mold	10	8000	---
Total Aerobic Count	10	40000	---

Method: DRBC agar and Petrifilm

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TERPENE SUMMARY

TOTAL: 1.209%

PRIMARY AROMAS
 Spicy, Citrusy, Floral,
 Woody, Fruity, Earthy

TERPENES (GC FID)

MOISTURE (loss on drying): NT

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)	ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
b-Caryophyllene	0.270	2.701	0.0125	Terpinolene	ND	ND	0.0125
d-Limonene	0.263	2.630	0.0125	Caryophyllene Oxide	ND	ND	0.0125
Linalool	0.226	2.255	0.0125	a-Ocimene 1	ND	ND	0.0125
b-Myrcene	0.167	1.667	0.0125	Geraniol	ND	ND	0.0125
trans-Nerolidol 2	0.125	1.255	0.0125	Guaïol	ND	ND	0.0125
a-Humulene	0.078	0.781	0.0125	Isopulegol	ND	ND	0.0125
b-Pinene	0.045	0.449	0.0125	p-Cymene	ND	ND	0.0125
cis-Nerolidol 1	0.035	0.350	0.0125	3-Carene	ND	ND	0.0125
a-Pinene	ND	ND	0.0125	a-Terpinene	ND	ND	0.0125
a-Bisabolol	ND	ND	0.0125	Eucalyptol	ND	ND	0.0125
b-Ocimene 2	ND	ND	0.0125	g-Terpinene	ND	ND	0.0125
Camphene	ND	ND	0.0125				

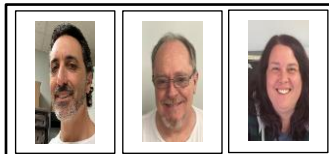
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