



Accreditation #120090

Proficiency Testing:
ATSM & PHENOVA**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 Generation Wellness**
Client Address: 124 SW Maynard Rd.
Suite A
Cary, NC 27511Sample ID: **21378**
Received Date: 02282025
Reported Date: 03052025
Test(s) Ordered: **Cannabinoids**Sample Name: **Blue Nerdz**
Sample Type: Flower
Sample Matrix: **THCA**
Sample Size: 1.44g Test Size: 52.9mg**CANNABINOID SUMMARY**
TOTAL CANNABINOIDS: 28.93%
TOTAL THC: 24.55%
THCA: 27.87%
Δ9-THC: 0.1078%
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	0.047	9S-Hexahydrocannabinol (HHCS)	ND	ND	0.047
Δ8-THC	ND	ND	0.047	9R-Hexahydrocannabinol (HHCR)	ND	ND	0.047
Cannabichromene (CBC)	ND	ND	0.047	Cannabidiolic Acid (CBDA)	ND	ND	0.047
Cannabigerol (CBG)	0.0953	0.9533	0.047	Δ9-THC Acid (THCA)	27.87	278.7	0.047
Cannabidiol (CBD)	ND	ND	0.047	THC-varian (THCV)	ND	ND	0.047
Cannabigerolic Acid (CBGA)	0.8522	8.522	0.047	***Δ9-THC	0.1078	1.078	0.047
Cannabidivarin (CBDV)	ND	ND	0.047	**TOTAL CANNABINOIDS	28.93	289.3	
Cannabidivarin Acid (CBDVA)	ND	ND	0.047	*TOTAL THC	24.55	245.5	
Cannabicitran (CBT)	ND	ND	0.047	*TOTAL CBD	ND	ND	
6aR,9S-Δ10-THC	ND	ND	0.047	*TOTAL CBG	0.8427	8.427	
6aR,9R-Δ10-THC	ND	ND	0.047	*TOTAL CBDV	ND	ND	
THC-O-Acetate (THCO)	ND	ND	0.047	TOTAL Δ10-THC	ND	ND	
THCp	ND	ND	0.047	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

03/05/2025

Frank P. Mauro/Michael R. Horton/Brittany A. Meggs
 Frank P. Mauro COO/Michael R. Horton CSO/Brittany A. Meggs LM & 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 measurement of uncertainty = 0.04985%. This report may not be reproduced, except in full, without the written approval of D9A. Test(s) Ordered: C=Cannabinoids.



Potency Results

Sample Name: Blue Nerdz

Client: GFF

Client Batch ID:

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

Sample ID: rC-H-302-F1631

Matrix: Flower

Prep Analyst: Jeff A.

Analysis Method: 0711014 H3 7-15-2025 #1.lcm

Sampling Method: N/A

Reference Method: JCB 2009: HPLC/DAD

Analysis Batch: 8-12-2025 H3 302 Flower

Date Sampled: 8/11/2025

Date Reported: 9/29/2025

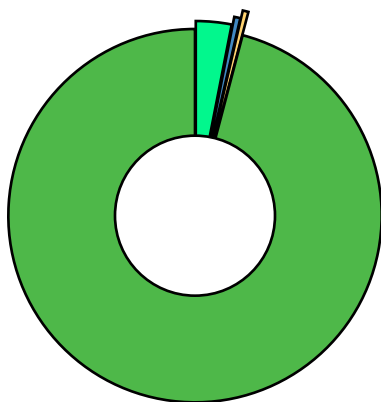
Client License: N/A

130 Oak Park Dr. Suite A

Mooreville NC 28115

For R&D Purposes Only

Total THC (THCA*0.877+d9-THC) **24.5%**
Total CBD (CBDA*0.877+CBD) **0.154%**
Moisture Content **8.3%**



Cannabinoid	% Weight	mg/g
CBDV	<LOQ	<LOQ
CBDA	<LOQ	<LOQ
CBGA	<LOQ	<LOQ
CBG	0.894	8.94
CBD	0.154	1.54
THCV	<LOQ	<LOQ
CBN	<LOQ	<LOQ
d9-THC	0.143	1.43
d8-THC	<LOQ	<LOQ
CBC	<LOQ	<LOQ
THCA	27.8	278.0
Total Cannabinoids	28.99	290.0

*ORELAP Accredited Analyte

Limit Of Quantitation: 0.1%, analyte not measured

■ CBG

■ THCA

■ CBD

■ d9-THC



These test results may not be altered or reproduced except in full without the permission of Pinnacle Analytics. These results were generated following the Oregon Administrative Rules and in accordance with the NELAP Institute under ORELAP License #4152 Report generated by Flex_Potency_Rev1_2-9-2025

Kris Ford, PhD
Lab Director



Quality Control Results

Analyst: Jeff A.

Analysis Batch: 8-12-2025 H3 302 Flower

Pinnacle-Analytics.com
3549 Lear Way, Suite 101
Medford OR 97504
P:(541)300-8217

	Duplicate RPD		LCS % Recovery		Method Blank	
	H-0-F1629-b	Limit	C-FL-081225-b	Limits	C-FB-081225-b	Limit
CBDA	<LOQ%	30%	96.8%	90-110%	<LOQ/2	LOQ/2
CBD	0.0634%	30%	101.0%	90-110%	<LOQ/2	LOQ/2
d9-THC	2.16%	30%	98.6%	90-110%	<LOQ/2	LOQ/2
d8-THC	<LOQ%	30%	98.5%	90-110%	<LOQ/2	LOQ/2
THCA	0.0337%	10%	95.1%	90-110%	<LOQ/2	LOQ/2

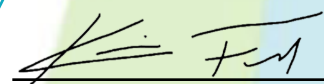
RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



These test results may not be altered or reproduced except in full without the permission of Pinnacle Analytics. These results were generated following the Oregon Administrative Rules and in accordance with the NELAP Institute under ORELAP License #4152 Report generated by Flex_Potency_Rev1_2-9-2025


Kris Ford, PhD
Lab Director