



Certificate of Analysis

Blue Zushi

Sample ID: QA202509242318

Strain: Blue Zushi

Matrix: Plant

Type: Flower - Cured

Sample Size: 1g

Produced:

Collected: 09/07/2025

Received: 09/08/2025

Completed: 09/15/2025

Batch#: TJX421

Client:

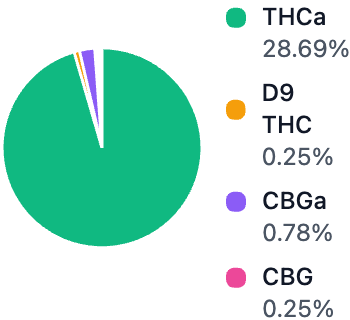
Flora Distribution Group LLC

4111 E Rose Lake Dr

Charlotte, NC 28217

Lic #: USDA_37_0979

Cannabinoid Distribution



Minor Cannabinoids

CBGa: 0.78% CBG: 0.25%

Cannabinoids

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
THCa	0.10	0.30	28.69	286.90
Δ9-THC	0.10	0.25	0.25	2.50
Δ8-THC	0.05	0.15	ND	ND
THCV	0.05	0.15	ND	ND
CBDa	0.10	0.25	ND	ND
CBD	0.10	0.25	ND	ND
CBN	0.01	0.05	ND	ND
CBGa	0.05	0.15	0.78	7.80
CBG	0.05	0.15	0.25	2.50
CBC	0.05	0.15	ND	ND
Total THC			25.410	254.10
Total CBD			ND	ND
Total Cannabinoids (Sum)			29.97	299.70

Complete

25.410%
Total THC

ND
Total CBD

29.97%
Total Cannabinoids

Summary

Test	Date Tested	Result
Batch	09/15/2025	Complete
Cannabinoids	09/15/2025	Complete
Moisture	09/15/2025	12.00%

Cannabinoid analysis performed using High Performance Liquid Chromatography with Diode Array Detection (HPLC-DAD) according to validated method SOP QA-001.

$$\text{Total THC} = \Delta 9\text{-THC} + 0.877 * \text{THCa}$$
$$\text{Total CBD} = \text{CBD} + 0.877 * \text{CBDa}$$

*Total Cannabinoids = Sum of individual cannabinoids detected. Other Detected: The reported result is based on a sample weight with the applicable moisture content for that sample. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. HL105.10-01. Cannabinoid Testing: Pass/Fail status determined based on thresholds established under North Carolina hemp regulations and federal Farm Bill limits.



Quantix Analytics performs analytical testing using validated internal methodologies and quality control protocols. All results apply only to the sample(s) tested. This Certificate is not a declaration of product safety, efficacy, or regulatory compliance, and should not be construed as state or federal endorsement. Testing is performed in accordance with North Carolina Department of Agriculture & Consumer Services (NCDA&CS) guidance and fully complies with the federal USDA Domestic Hemp Production Program (7 CFR Part 990).

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Sarah Mitchell

Sarah Mitchell
Laboratory Director
09/15/2025