Method Testing Laboratories
2720 Broadway Center Blvd.
Brandon, FL 33510
Lic #CMTL-2023-00012

Certificate of Analysis

Order # 2509CBR0152
Sample # 2509CBR0152-009
Sampling Date: 9/25/2025
Receipt Date: 9/25/2025 12:09

Completion Date: 09/30/2025 12:42
Product g/unit: 7.00
Sampled Gross Weight: 28.12 g
Total Batch Wgt or Vol: 7,000g

Product Name: Blue Zushi 7g Smalls
Seed to Sale #: 6842117005459019
Batch #: 6842117005459019
Lot ID: 8169004352860798

Client: Sunburn
Address: 25548 County Rd 44A
Address: Eustis, FL 32736

Batch Date: 9/25/2025
Extracted From: 5445635055486760
Cultivars: Blue Zushi
Description: Blue Zushi 7g Smalls

Sampling Method: LAB-028
Matrix: Flower
Test Reg State: Cannabis FL

Cultivation Facility: Winter Garden
Cultivation Date: 8/20/2025
Production Facility: Winter Garden
Production Date: 9/25/2025

SUMMARY — TESTED

TESTED Potency	TESTED Terpenes	PASSED Pesticides	PASSED Heavy Metals	PASSED Total Contaminant Load	NOT TESTED Residual Solvents	NOT TESTED Total Aerobic Bacteria
PASSED Mycotoxins	PASSED Microbials	PASSED Total Yeast and Mold	PASSED Filth and Foreign Material	PASSED Water Activity	PASSED Moisture	NOT TESTED Homogeneity

POTENCY — TESTED

Analyte	LOD (mg/g)	Result (mg/g)	Result %	mg/unit
THCA	0.000012	320	32.0	2240
CBGA	0.000008	12.1	1.21	85.0
d9-THC	0.00002	4.96	0.496	34.7
CBG	0.000015	1.98	0.198	13.9
CBDA	0.000012	0.981	0.098	6.87
CBC	0.000004	ND	ND	N/A
CBD	0.00001	ND	ND	N/A
CBDV	0.000017	ND	ND	N/A
CBN	0.000009	ND	ND	N/A
d8-THC	0.000246	ND	ND	N/A
THCV	0.000015	ND	ND	N/A

Sample Prepared By: 049	Date/Time: 9/30/2025 11:21	Sample Analyzed By: 049	Date/Time: 9/30/2025 11:40
Batch Reviewed By: 029	Date/Time: 9/30/2025 12:38	Analysis # LC3 Potency 1.batch.bin	
Specimen wt (g): 0.5150		Dilution: 1000	
Analysis Method: TM-001 Potency		Instrument Used: HPLC	

POTENCY SUMMARY

Total THC **28.5%** As Received	Total THC/Unit **2000 mg** As Received	THC Label Claim N/A N/A	Total Cannabinoids **33.9%** As Received
Total CBD **0.086%** As Received	Total CBD/Unit **6.02 mg** As Received	CBD Label Claim N/A N/A	Total Cannabinoids/Unit **2376.9 mg** As Received

TERPENES SUMMARY

Analyte	Result (ug/g)	Result %
E-Caryophyllene	6984.44	0.698
beta-Myrcene	4211.04	0.421
D-Limonene	2445.12	0.245
Linalool	1992.32	0.199
alpha-Humulene	1618.76	0.162
Ocimenes	803.72	0.080
alpha-Bisabolol	448.272	0.045
beta-Pinene	268.284	0.027
Terpineol	262.624	0.026
Endo-Fenchyl Alcohol	202.628	0.020

Total Terpenes: 1.94%

Showing top 10 Terpenes, full analysis on the following page.

Definitions and Abbreviations used in this report: Total THC = Delta 9 THC + (THCA*0.877), Total CBD = CBD + (CBDA*0.877), Total Cannabinoids = THC + THCA + CBD + CBDA + CBG + CBGA + Delta 8 THC + THCV + CBDV + CBC + CBN, Total THC and Total CBD are expressed as mg in total package weight, (Dilution) = Dilution Factor, (%) = Percent, (mg/g) = Milligrams per Gram, (mg/mL) = Milligrams per Milliliter, (mg/kg) = Milligrams per Kilogram, (ug/kg) = Microgram per Kilogram, (cfu/g) = Colony Forming Unit per Gram, Action Limit of Absent is equivalent to < 1 cfu/g, (aw) = Water Activity, (LOD) = Limit of Detection, (LOQ) = Limit of Quantitation; (ppm) = parts per million; (ppb) = parts per billion; Units for ppm also expressed as (mg/kg); Units for ppb also expressed as (ug/kg).All measurements and calibrations at Method Testing Labs are traceable to the International System of Units (SI) through an unbroken chain of comparisons and from recognized national metrology institutes. Compounded measurement uncertainty for any analyte is available upon request.

PJLA Testing Accreditation #111022

Anthony Repay **Lab Director** **09/30/2025 12:42**