

Certificate of Analysis

For R&D use only, Not a California Compliance Certificate

Sample : Blue Nerds

Sample ID	ID: 220250827-061	Matrix	Flower
Tested for	Fresh Daily Bud	Mass	1g
Sampled		Received	08/27/2025
Analyses executed	CAN+	Reported	08/28/2025



Cannabidiol / CBD	0.130%
D-9 Tetrahydrocannabinol / THC	0.210%
Tetrahydrocannabinolic Acid / THCa	19.365%
Total THC*	17.058%

Cannabinoids Analysis

Instrument HPLC-VWD | Method SOP-001 HPLC Hemp by UV Detection
 The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD/LOQ (mg/g)	Result (%)	Result (mg/g)
Cannabidiol CBD	0.002 / 0.012	0.020%	0.2
Cannabidiolic Acid CBDA	0.001 / 0.026	0.090%	0.9
Cannabigerol Acid CBGA	0.002 / 0.007	0.010%	0.1
Cannabidiol CBD	0.004 / 0.011	0.130%	1.3
Cannabigerol CBG	0.002 / 0.006	0.003%	0.03
Tetrahydrocannabinol THC	0.002 / 0.012	ND	ND
Cannabinol CBN	0.001 / 0.007	0.001%	0.01
Tetrahydrocannabinol Δ^9 -THC	0.002 / 0.014	0.210%	2.1
Delta 8 Tetrahydrocannabinol Δ^8 -THC	0.01 / 0.02	0.000%	0
Cannabicyol CBL	0.003 / 0.010	ND	ND
Cannabichromene CBC	0.003 / 0.010	0.003%	0.03
Tetrahydrocannabinolic Acid THCa	0.001 / 0.005	19.365%	193.65
Total THC (0.87* THCa + D9 THC)		17.058%	170.5755
Total THC (0.87* THCa + D9 THC) + Δ^8 -THC			170.5755
Total CBD (0.877* CBDA + CBD)			2.0893
Total CBG (0.877* CBGA + CBG)			0.1177
Total Cannabinoids Analyzed		17.278%	172.7825

UI Unidentified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 *ULOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Authorized Signature

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 Michael Pearson, Lab Manager

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