

## Certificate of Analysis

For R&amp;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%
Tetrahyrocannabinolic Acid / THCa	19.365%
<b>Total THC*</b>	<b>17.058%</b>

### Cannabinoids Analysis

Instrument HPLC VWD | Method SOP-001 HPLC Hemp by UV Detection

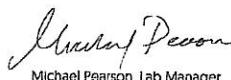
The expanded Uncertainty of the Cannabinoid analysis is approximately  $\pm 7.50\%$  at the 95% Confidence Level

Analyte	LOD/LOQ (mg/g)	Result (%)	Result (mg/g)
Cannabidiolvarin CBDV	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
Tetrahyrocannabivarin THCV	0.002 / 0.012	ND	ND
Cannabinol CBN	0.001 / 0.007	0.001%	0.01
Tetrahyrocannabinol $\Delta^8$ -THC	0.002 / 0.014	0.210%	2.1
Delta 8 Tetrahyrocannabinol $\Delta^8$ -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
Tetrahyrocannabinolic Acid THCa	0.001 / 0.005	19.365%	193.65
<b>Total THC (0.87% THCa + D9 THC)</b>		<b>17.058%</b>	<b>170.5755</b>
<b>Total THC (0.87% THCa + D9 THC) + <math>\Delta^8</math>-THC</b>			<b>170.5755</b>
<b>Total CBD ( 0.87% CBDA + CBD)</b>			<b>2.0893</b>
<b>Total CBG ( 0.87% CBGA + CBG)</b>			<b>0.1177</b>
<b>Total Cannabinoids Analyzed</b>		<b>17.278%</b>	<b>172.7825</b>

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



Authorized Signature



Michael Pearson, Lab Manager

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