

PharmLabs San Diego Certificate of Analysis

Sample NORTHERN LIGHTS



Delta9 THC 0.12% THCa 26.40% Total THC (THCa * 0.877 + THC) 23.27% Delta8 THC ND

Sample ID SD250818-002 (121358)
Tested for
Sampled - Received Aug 18, 2025
Analyses executed CAN+, MWA

Matrix Flower

Reported Aug 20, 2025

* CAN+ - Cannabinoids

Analyzed Aug 19, 2025 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoids analysis is approximately ±8.1% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Limit
Cannabidivarin (CBDv)	0.039	0.16	ND	ND	
Cannabidibutol (CBDb)	0.011	0.03	ND	ND	
Cannabidiolic Acid (CBDA)	0.033	0.16	0.85	8.51	
Cannabigerol Acid (CBGA)	0.033	0.16	0.07	0.71	
Cannabigerol (CBG)	0.048	0.16	ND	ND	
Cannabidiol (CBD)	0.069	0.229	0.22	2.18	
Tetrahydrocannabivarin (THCV)	0.049	0.16	ND	ND	
Cannabinol (CBN)	0.047	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.12	1.17	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND	
Cannabicyclol (CBL)	0.0012	0.16	ND	ND	
Cannabichromene (CBC)	0.13	0.432	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	26.40	263.99	
Total THC (THCa * 0.877 + Δ9THC)			23.27	232.69	
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			23.27	232.69	
Total CBD (CBDA * 0.877 + CBD)			0.96	9.64	
Total CBG (CBGA * 0.877 + CBG)			0.06	0.62	
Total Cannabinoids Analyzed			24.30	242.96	

*Dry Weight %

MWA - Moisture Content & Water Activity

Analyzed Aug 19, 2025 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	6.7 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.48 α_w	0.85 α_w

U 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



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Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr, Quality Assurance Manager
Wed, 20 Aug 2025 11:30:44 -0700



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