

PharmLabs San Diego Certificate of Analysis



Sample **Top Shelf White Widow A8 Flower**

Delta9 THC **0.27%** THCa **ND** Total THC (THC + THCa) **0.27%** Delta8 THC **15.23%**

Sample ID **SD240423-012 (93684)** Matrix **Flower (Inhalable Cannabis Good)**
 Tested for _____
 Sampled - _____ Received **Apr 22, 2024** Reported **Apr 25, 2024**
 Analyses executed **CAN+, MWA, D9C**

Summary D9C: The total Δ9-THC content in this sample is 0.51%. For the most accurate Δ9-THC concentration, refer to the GC MS/MS section of this COA. This sample was tested using HPLC and GC MS/MS. HPLC analysis can yield inconsistent results for Δ8-THC and Δ9-THC due to isomer interference: GC MS/MS was employed to avoid this issue. Please note, if THCa is present, the Δ9-THC level measured by GC MS/MS might be higher due to decarboxylation.

D9C - D9 Confirmation Analysis

Analyzed **Apr 24, 2024** | Instrument **GC MS/MS** | Method **SOP-041 D9C**
 The expanded Uncertainty of the analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.387	1.174	0.27	2.73
Total Cannabinoids Analyzed	-	-	0.27	2.73

*** CAN+ - Cannabinoids Analysis**

Analyzed **Apr 24, 2024** | Instrument **HPLC-VWD** | Method **SOP-001**
 The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	10.82	108.19
Cannabigerol (CBG)	0.001	0.16	1.44	14.42
Cannabidiol (CBD)	0.001	0.16	0.04	0.42
Tetrahydrocannabinol (THC)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.12	1.21
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.27	2.73
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	15.23	152.30
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC (THC + Δ9THC)			2.22	22.17
Total THC + Δ8THC (THC + 0.877 + Δ9THC + Δ8THC)			17.45	174.47
Total CBD (CBDA + 0.877 + CBD)			0.04	0.42
Total CBG (CBGA + 0.877 + CBG)			10.93	109.30
Total Cannabinoids Analyzed			28.54	285.40

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed **Apr 23, 2024** | 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	7.0 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.50 a _w	0.85 a _w

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



DCC license: **C8-000098-LIC**
 DEA license: **RP0611043**
 ISO/IEC 17025:2017 Acc. L17-427-1

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Thu, 25 Apr 2024 11:35:17 -0700

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