

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-000098-LIC  
 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample *Alien Dawg*  
 ID # SD230606-054 (76791)

Matrix Flower (Inhalable Cannabis Good)

Sampled - Received Jun 06, 2023  
 Analyses executed CAN+, MWA

Reported Jun 09, 2023

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.25% [ Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-8-THC or (-)-8-THC. At this time there are no reference standards available for (+)-8-THC. (+)-8-THC is a different compound from the main (-)-8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-8-THC and (-)-8-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-8-THC and (-)-8-THC with the majority, if not all, of the concentration being (+)-8-THC. Total (-)-8-THC concentration is estimated to be 13.42%

\*CAN+ - Cannabinoids Analysis

Analyzed Jun 09, 2023 | 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	17.42	174.19
Cannabigerol (CBG)	0.001	0.16	0.41	4.11
Cannabidiol (CBD)	0.001	0.16	0.06	0.56
Tetrahydrocannabinol (THCV)	0.001	0.16	0.94	9.40
Cannabinol (CBN)	0.001	0.16	0.04	0.37
Tetrahydrocannabinol (Δ9-THC)	0.001	0.16	0.22	2.18
Δ8-tetrahydrocannabinol (Δ8-THC)	0.003	0.16	UI	UI
Cannabicyclo (CBL)	0.004	0.16	13.42	134.20
Cannabichromene (CBC)	0.002	0.16	0.22	2.23
Tetrahydrocannabinolic Acid (THCA)	0.002	0.16	0.99	9.90
Total THC (THCa * 0.877 + Δ9THC)	0.001	0.16	0.19	1.93
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			0.17	1.69
Total CBD (CBDA * 0.877 + CBD)			13.59	135.89
Total CBG (CBGA * 0.877 + CBG)			16.22	162.17
Total Cannabinoids			0.42	4.16
			31.69	316.90

\*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Jun 08, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Mw)	9.0 % Mw	13 % Mw	Water Activity (WA)	0.61 a <sub>w</sub>	0.85 a <sub>w</sub>

UI Not Identified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
 Above upper limit of linearity  
 Colony Forming Units per 1 gram  
 > Numerous to Count



Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
 Fri, 09 Jun 2023 09:11:05 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1



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Sample Northern Lights 8

e ID SD230606-052 (76789)

Matrix Flower (Inhalable Cannabis Good)

Sampled - Received Jun 06, 2023  
 Analyses executed CAN+, MWA

Reported Jun 09, 2023

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.22%. Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated DS products) from which we believe to be either (+)-9B-THC or Δ9-THC. At this time there are no reference standards available for (+)-9B-THC (+)-9B-THC is a different compound from the main (-)-9B-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-9B-THC and Δ9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-9B-THC and Δ9-THC with the majority, if not all, of the concentration being (+)-9B-THC. Total (+)-9B-THC concentration is estimated to be 14.26%.

\*CAN+ - Cannabinoids Analysis

Analyzed Jun 09, 2023 | 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	<0.03	<0.03
Cannabidiolic Acid (CBDA)	0.001	0.16	15.46	154.78
Cannabigerol Acid (CBGA)	0.001	0.16	0.33	3.20
Cannabigerol (CBG)	0.001	0.16	0.04	0.45
Cannabidiol (CBD)	0.001	0.16	0.66	6.65
Tetrahydrocannabinol (THCV)	0.001	0.16	<0.03	<0.03
Cannabinol (CBN)	0.001	0.16	0.18	1.76
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	14.26	142.60
Cannabicycol (CBL)	0.002	0.16	0.16	1.62
Cannabichromene (CBC)	0.002	0.16	0.74	7.38
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.19	1.88
Total THC (THCA * 0.877 + Δ9THC)			0.17	1.65
Total THC + Δ8THC (THCA * 0.877 + Δ9THC + Δ8THC)			14.43	144.25
Total CBD (CBDA * 0.877 + CBD)			12.48	124.85
Total CBG (CBGA * 0.877 + CBG)			0.33	3.32
Total Cannabinoids			28.32	283.18

\*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Jun 08, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	8.1 % Mw	13 % Mw	Water Activity (WA)	0.56 aw	0.85 aw

UI Not Identified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <100 Detected  
 Above upper limit of linearity  
 Colony Forming Units per 1 gram  
 too Numerous to Count



Authorized Signature

Brandon Stahl

Brandon Starr, Lab Manager  
 Fri, 09 Jun 2023 09:11:02 -0700

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