

PharmLabs San Diego Certificate of Analysis



Sample Delta 8 Hemp

Delta9 THC UI	THCa 0.22%	Total THC (THC + THCa) 0.22%	Delta8 THC 12.52%
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Sample ID SD221216-026 (56475)	Matrix Flower (Inhalable Cannabis Good)		
Distributor License 2023-R-1987689	Address 12401 62nd St N Ste 202 Largo, FL 33773	Name Herbalxchange LLC	
Cultivator/Manufacturer/Microbusiness License 62-8018855964-0	Address 12401 62nd St N Ste 202 Largo, FL 33773	Name Herbalxchange LLC	
Sampled -	Received Dec 15, 2022	Reported Dec 19, 2022	
Analyses executed CAN+, MWA, PHOTO			

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.67% | 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 (+)δ8-THC or d9-THC. At this time there are no reference standards available for (+)δ8-THC. (+)δ8-THC is a different compound from the main (-)δ8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)δ8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)δ8-THC and d9-THC with the majority, if not all, of the concentration being (+)δ8-THC. Total (+/-) D8 Concentration is estimated to be: 12.52%

\* CAN+ - Cannabinoids Analysis

Analyzed Dec 17, 2022 | Instrument HPLC-VWD | Method SOP-001  
The expanded Uncertainty of the Cannabinoid analysis is approximately ±.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	12.28	122.76
Cannabigerol Acid (CBGA)	0.001	0.16	0.45	4.54
Cannabigerol (CBG)	0.001	0.16	0.14	1.36
Cannabidiol (CBD)	0.001	0.16	3.24	32.37
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	<LOQ	<LOQ
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	12.52	125.22
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.25	2.46
Total THC ( THCa * 0.877 + Δ9THC )			0.22	2.16
Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )			12.74	127.38
Total CBD ( CBDA * 0.877 + CBD )			14.00	140.03
Total CBG ( CBGA * 0.877 + CBG )			0.53	5.34
Total Cannabinoids Analyzed			27.28	272.75

\*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Dec 16, 2022 | 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	7.3 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.52 a <sub>w</sub>	0.85 a <sub>w</sub>

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



DCC license: C8-0000098-LIC  
DEA license: RP0611043  
ISO/IEC 17025:2017 Acc. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
Mon, 19 Dec 2022 10:42:45 -0800

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



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