

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368

Sample **Hemp Flower w/ D8**

Sample ID SD221206-050 (56525)
Tested for Ancient Herbs Inc / Zilla
Sampled - Received Dec 06, 2022
Analyses executed CAN+, MWA

Matrix Flower (Inhalable Cannabis Good)

Reported Dec 07, 2022

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.43%. 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 (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC. (+)d8-THC is a different compound from the main (-)d8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)d8-THC and d9-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-)D8 Concentration is estimated to be: 3.42%.

***CAN+ - Cannabinoids Analysis**

Analyzed Dec 07, 2022 | Instrument HPLC-VWD | Method SOP-001
Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Sample photography
Cannabidivarin (CBDV)	0.039	0.16	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	9.14	91.36	
Cannabigerol Acid (CBGA)	0.001	0.16	0.14	1.38	
Cannabigerol (CBG)	0.001	0.16	0.07	0.72	
Cannabidiol (CBD)	0.001	0.16	4.00	39.99	
Tetrahydrocannabivarin (THCV)	0.001	0.16	0.04	0.36	
Cannabinol (CBN)	0.001	0.16	0.03	0.25	
Tetrahydrocannabinol (Δ 9-THC)	0.003	0.16	UI	UI	
Δ 8-tetrahydrocannabinol (Δ 8-THC)	0.004	0.16	3.42	34.18	
Cannabicyclol (CBL)	0.002	0.16	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.15	1.52	
Total THC (THCa * 0.877 + Δ 9THC)			0.13	1.33	
Total THC + Δ 8THC (THCa * 0.877 + Δ 9THC + Δ 8THC)			3.55	35.52	
Total CBD (CBDA * 0.877 + CBD)			12.01	120.11	
Total CBG (CBGa * 0.877 + CBG)			0.19	1.93	
Total Cannabinoids			15.82	158.17	



*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Dec 06, 2022 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	7.4 % Mw	13 % Mw	Water Activity (WA)	0.52 a _w	0.85 a _w

UI Not Identified
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



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr, Lab Manager
Wed, 07 Dec 2022 09:27:04 -0800