

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 **D8 Flower - Granddaddy Purple**

Sample ID	SD230119-118 (59564)	Matrix	Flower (Inhalable Cannabis Good)
Tested for	Crystal Creek Organics	Received	Jan 19, 2023
Sampled	-	Reported	Jan 20, 2023
Analyses executed	CAN+, MWA		

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.87%. 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 (+)- δ^8 -THC or d^9 -THC. At this time there are no reference standards available for (+)- δ^8 -THC. (+)- δ^8 -THC is a different compound from the main (-)- δ^8 -THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)- δ^8 -THC and d^9 -THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)- δ^8 -THC and d^9 -THC with the majority, if not all, of the concentration being (+)- δ^8 -THC. Total (+/-) δ^8 Concentration is estimated to be: 7.63%

***CAN+ - Cannabinoids Analysis**

Analyzed Jan 20, 2023 | Instrument HPLC-VWD | Method SOP-001
 Measurement Uncertainty at 95% confidence 7.806%

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	14.81	148.13
Cannabigerol Acid (CBGA)	0.001	0.16	2.58	25.84
Cannabigerol (CBG)	0.001	0.16	0.15	1.52
Cannabidiol (CBD)	0.001	0.16	1.30	13.00
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	<LOQ	<LOQ
Tetrahydrocannabinol (Δ^9 -THC)	0.003	0.16	UI	UI
Δ^8 -tetrahydrocannabinol (Δ^8 -THC)	0.004	0.16	7.63	76.28
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	0.14	1.38
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.52	5.20
Total THC (THCa * 0.877 + Δ^9THC)			0.46	4.56
Total THC + Δ^8THC (THCa * 0.877 + Δ^9THC + Δ^8THC)			8.08	80.84
Total CBD (CBDA * 0.877 + CBD)			14.29	142.91
Total CBG (CBGA * 0.877 + CBG)			2.42	24.18
Total Cannabinoids			24.93	249.31

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Jan 20, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	6.7 % Mw	13 % Mw	Water Activity (WA)	0.55 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

Brandon Starr, Lab Manager
 Fri, 20 Jan 2023 11:21:38 -0800

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