

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
ISO/IEC 17025:2017 Acc. L17-427-1 #85368
Sample Diamond OG Kush P



SD231201-067 (87963)		Matrix Flower (Inhalable Cannabis Good)	
Sampled	Received Dec 01, 2023	Reported	Dec 12, 2023
Analyses executed	CANX, MWA		

Laboratory note: The estimated concentration of the unknown peak in the sample is 2.17%. Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated DB products) from which we believe to be either (+)-delta-THC or delta-THC. At this time there are no reference standards available for (+)-delta-THC (+)-delta-THC is a different compound from the main (-)-delta-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-delta-THC and delta-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-delta-THC and delta-THC with the majority, if not all, of the concentration being (+)-delta-THC. Total (+)-delta-THC concentration is estimated to be 10.35%.

CANX - Cannabinoids Analysis

Analyzed Dec 04, 2023 | Instrument HPLC-VWD | Method SOP-001
The expanded uncertainty of the Cannabinoid analysis is approximately 7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
11-Hydroxy-delta-8-Tetrahydrocannabinol (11-Hyd-delta-8-THCV)	0.013	0.041	ND	ND
Cannabidiol (CBD)	0.002	0.007	ND	ND
Abnormal Cannabidiol (a-CBD)	0.01	0.031	ND	ND
(+/-)-9a-Hydroxy-Hexahydrocannabinol (9a-HHC)	0.012	0.036	ND	ND
11-Hydroxy-delta-8-Tetrahydrocannabinol (11-Hyd-delta-8-THC)	0.007	0.021	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	20.27	202.73
Cannabigerol Acid (CBGA)	0.001	0.16	1.53	15.33
Cannabigerol (CBG)	0.001	0.16	0.16	1.56
Cannabidiol (CBD)	0.001	0.16	1.22	12.17
(S)-THD (s-THD)	0.013	0.041	ND	ND
(R)-THD (r-THD)	0.025	0.075	ND	ND
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND
delta-8-tetrahydrocannabinol (delta-8-THCV)	0.021	0.064	ND	ND
Cannabidiol (CBDH)	0.005	0.16	ND	ND
Tetrahydrocannabinol (delta-9-THCB)	0.013	0.038	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Cannabidiophenol (CBDP)	0.015	0.047	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND
Tetrahydrocannabinol (delta-9-THC)	0.003	0.16	UI	UI
delta-8-tetrahydrocannabinol (delta-8-THC)	0.004	0.16	10.35	103.48
(6aR,9S)-delta-10-Tetrahydrocannabinol ((6aR,9S)-delta-10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-delta-10-Tetrahydrocannabinol ((6aR,9R)-delta-10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.68	6.82
delta-9-Tetrahydrocannabinol (delta-9-THCH)	0.024	0.071	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
delta-9-Tetrahydrocannabinol (delta-9-THCP)	0.017	0.16	0.08	0.85
delta-8-Tetrahydrocannabinol (delta-8-THCP)	0.041	0.16	0.54	5.40
Cannabicitran (CBT)	0.005	0.16	ND	ND
delta-THC-O-acetate (delta-THCO)	0.076	0.16	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND
delta-9-THC-O-acetate (delta-9-THCO)	0.066	0.16	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND
3-octyl-delta-8-Tetrahydrocannabinol (delta-8-THC-C8)	0.067	0.204	ND	ND
delta-9-THC methyl ether (delta-9-MeO-THC)			NT	NT
Total THC (THCA + 0.877 + delta-9THC)			0.60	5.98
Total THC + delta-8THC + delta-10THC (THCA + 0.877 + delta-9THC + delta-8THC + delta-10THC)			10.95	109.46
Total CBD (CBDA + 0.877 + CBD)			19.00	189.96
Total CBG (CBGA + 0.877 + CBG)			1.50	15.00
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids			32.07	320.68

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Dec 01, 2023 | 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	5.4 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.39 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
>ULCL Above upper limit of linearity
CFU/g Colony Forming Units per 1 gram
TNTC Too Numerous to Count



Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Tue, 12 Dec 2023 11:15:15 -0800

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



This report shall not be reproduced or used in any way without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless otherwise stated. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.