

PharmLabs San Diego Certificate of Analysis



Sample **Crown Royale Kush**

Delta9 THC **UI** THCa **3.50%** Total THC (THC + THCa) **3.50%** Delta8 THC **44.91%**

Sample ID SD240403-006 (92794) Matrix Concentrate (Inhalable Cannabis Good)
 Tested for Top Shelf Hemp Co
 Sampled - Received Apr 02, 2024 Reported Apr 05, 2024
 Analyses executed CANX, QARUSH

Laboratory note: The Δ9-THC results in this particular sample is inconclusive due to potential interferences from several cannabinoids when analyzed using our GC MS/MS D9C method. As a result, this sample will not undergo testing via the GC MS/MS D9C method. However, there are currently no interferences detected with any other cannabinoids in this sample when employing HPLC.

CANX - Cannabinoids Analysis

Analyzed Apr 05, 2024 | 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	Sample photography
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)	0.015	0.041	ND	ND	
Cannabidiol (CBD)	0.002	0.007	ND	ND	
Abnormal Cannabidiol (a-CBD)	0.01	0.031	ND	ND	
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	0.28	2.80	
Cannabigerol (CBG)	0.001	0.16	ND	ND	
Cannabidiol (CBD)	0.001	0.16	0.35	3.49	
1(S)-THD (s-THD)	0.015	0.041	0.95	9.30	
1(R)-THD (r-THD)	0.025	0.075	1.68	16.78	
Tetrahydrocannabinol (THCV)	0.001	0.16	0.14	1.43	
Δ8-tetrahydrocannabinol (Δ8-THCV)	0.021	0.064	0.71	7.13	
Cannabidhexol (CBDH)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THCB)	0.013	0.038	ND	ND	
Cannabinol (CBN)	0.001	0.16	0.56	5.59	
Cannabiphorol (CBDP)	0.015	0.047	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.005	0.16	UI	UI	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	44.91	449.07	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	
Hexahydrocannabinol (S isomer) (9s-HHC)	0.017	0.16	7.95	79.51	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	
Hexahydrocannabinol (R isomer) (9r-HHC)	0.016	0.16	14.64	146.42	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	4.00	39.96	
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.024	0.071	ND	ND	
Cannabinol Acetate (CBNA)	0.014	0.043	ND	ND	
Δ9-Tetrahydrocannabinol (Δ9-THCP)	0.017	0.16	ND	ND	
Δ8-Tetrahydrocannabinol (Δ8-THCP)	0.041	0.16	ND	ND	
Cannabicitran (CBT)	0.005	0.16	0.19	1.94	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	
9(S)-HHC (s-HHCP)	0.031	0.094	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	
9(R)-HHC (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-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	
Cannabivarin (CBV)	0.039	0.16	ND	ND	
Total THC (THCa + 0.877 + Δ9THC)			3.50	35.04	
Total THC + Δ8THC + Δ10THC (THCa + 0.877 + Δ9THC + Δ8THC + Δ10THC)			48.41	484.11	
Total CBD (CBDA + 0.877 + CBD)			0.35	3.49	
Total CBG (CBGA + 0.877 + CBG)			0.25	2.46	
Total HHC (9r-HHC + 9s-HHC)			22.59	225.95	
Total Cannabinoids Analyzed			75.82	758.16	

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



DCC license: C8-000099-LIC
 DEA license: RPO51043
 ISO/IEC 17025:2017 Acc. L17-427-1



Scan the QR code to verify authenticity.

This Certificate of Analysis has not been finalized and it represents a draft until electronically signed by:

Brandon Starr, Lab Manager

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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