

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%
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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 **±7.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Sample photography
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	
Cannabidiolcin (CBDO)	0.002	0.007	ND	ND	
Abnormal Cannabidiolcin (a-CBDO)	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)	0.013	0.041	0.93	9.30	
1(R)-THD (r-THD)	0.025	0.075	1.68	16.78	
Tetrahydrocannabivarin (THCV)	0.001	0.16	0.14	1.43	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	0.71	7.13	
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	
Cannabinol (CBN)	0.001	0.16	0.56	5.59	
Cannabidiphoral (CBDP)	0.015	0.047	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	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-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	
Δ9-Tetrahydrocannabiphoral (Δ9-THCP)	0.017	0.16	ND	ND	
Δ8-Tetrahydrocannabiphoral (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)-HHCP (s-HHCP)	0.031	0.094	ND	ND	
Δ9-THC-O-acetate (Δ9-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-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	
Cannabidivarin (CBDV)	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	225.93	
Total Cannabinoids Analyzed			75.82	758.16	

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
<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.

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

Brandon Starr, Lab Manager

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