

PharmLabs San Diego Certificate of Analysis



Sample SAT-081224-S

Delta9 THC	ND	THCa	ND	Total THC (THCa * 0.877 + THC)	ND	Delta8 THC	61.51%
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Sample ID	SD240819-021 (98039)	Matrix	Concentrate
Tested for	Lifted Made		
Sampled	-	Received	Aug 19, 2024
Analyses executed	CANX, D9C	Reported	Sep 13, 2024

Summary D9C: The total Δ9-THC content in this sample is 0.00%. For the most accurate Δ9-THC concentration, refer to the GC MS/MS section of this COA. This sample was tested using HPLC and GC MS/MS. HPLC analysis can yield inconsistent results for Δ8-THC and Δ9-THC due to isomer interference. GC MS/MS was employed to avoid this issue. Please note, if THCa is present, the Δ9-THC level measured by GC MS/MS might be higher due to decarboxylation.

D9C - D9 Confirmation Analysis

Analyzed Sep 20, 2024 | Instrument GC MS/MS | Method SOP-041 D9C
The expanded Uncertainty of the analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD ppb	LOQ ppb	Result %	Result mg/g
Δ9-Tetrahydrocannabinol (Δ9-THC)	1.462	4.432	0.00	0.00

CANx - Cannabinoids Analysis

Analyzed Sep 13, 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
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND
Cannabidiol (CBD)	0.002	0.007	ND	ND
Abnormal Cannabidiol (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	1.22	12.17
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	0.66	6.59
Cannabidiol (CBD)	0.001	0.16	ND	ND
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	2.53	25.31
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	16.71	167.07
Tetrahydrocannabinol (THCV)	0.001	0.16	1.50	14.98
Δ8-tetrahydrocannabinol (Δ8-THCV)	0.021	0.064	0.24	2.45
Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THCB)	0.013	0.038	1.49	14.86
Cannabinol (CBN)	0.001	0.16	1.10	10.99
Cannabidiophorol (CBDP)	0.015	0.047	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	D9C	D9C
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	61.51	615.11
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.126	0.42	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.118	0.39	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.024	0.071	ND	ND
Cannabinol Acetate (CBNO)	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	ND	ND
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
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			61.51	615.11
Total CBD (CBDA * 0.877 + CBD)			1.07	10.67
Total CBG (CBGA * 0.877 + CBG)			0.66	6.59
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids Analyzed			86.80	868.03

UJ Unidentified
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



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ISO/IEC 17025:2017 Acc. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Fri, 13 Sep 2024 14:21:21 -0700

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