

PharmLabs San Diego Certificate of Analysis



Sample **Pies Crystalline D9 - Blue Berry Pie**

Delta9 THC 0.16%	THCa ND	Total THC (THCa * 0.877 + THC) 0.16%	Delta8 THC 7.26%
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Sample ID SD250206-050 (106614)	Matrix Concentrate
Tested for KREAM	
Sampled -	Received Feb 06, 2025
	Reported Feb 11, 2025

Analyses executed **CANX, D9C**
Summary **D9C**: The total **Δ9-THC** content in this sample is **0.16%**. 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

Analized **Feb 11, 2025** | Instrument **GC MS/MS** | Method **SOP-041 D9C**
The expanded Uncertainty of the **D9 Confirmation** 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	0.16	1.63
Total Cannabinoids Analyzed	-	-	0.16	1.63

CANx - Cannabinoids

Analized **Feb 06, 2025** | Instrument **HPLC-VWD** | Method **SOP-001**
The expanded Uncertainty of the **Cannabinoids** 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)	0.006	0.02	ND	ND	
Abnormal Cannabidiolcin (a-CBDO)	0.013	0.038	ND	ND	
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.015	0.045	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.015	0.045	ND	ND	
Cannabidiolic Acid (CBDA)	0.033	0.16	0.10	0.96	
Cannabigerol Acid (CBGA)	0.033	0.16	ND	ND	
Cannabigerol (CBG)	0.048	0.16	0.14	1.39	
Cannabidiol (CBD)	0.069	0.229	4.43	44.32	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.008	0.026	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.016	0.049	ND	ND	
Tetrahydrocannabivarin (THCV)	0.049	0.162	ND	ND	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.012	0.036	ND	ND	
Cannabidihexol (CBDH)	0.014	0.042	ND	ND	
Tetrahydrocannabutol (Δ9-THCB)	0.01	0.029	ND	ND	
Cannabinol (CBN)	0.047	0.16	0.27	2.73	
Cannabidiphlor (CBDP)	0.016	0.049	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	D9C	D9C	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	7.26	72.63	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.8	23.25	232.50	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.8	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.8	44.22	442.18	
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	ND	ND	
Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.02	0.061	ND	ND	
Cannabinol Acetate (CBNO)	0.009	0.027	ND	ND	
9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa)	0.063	0.065	ND	ND	
9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa)	0.191	0.196	ND	ND	
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.8	6.62	66.16	
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.8	ND	ND	
Cannabicitran (CBT)	0.005	0.16	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.8	ND	ND	
9(S)-HHCP (s-HHCP)	0.013	0.041	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.8	ND	ND	
9(R)-HHCP (r-HHCP)	0.015	0.045	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.037	0.112	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.031	0.093	ND	ND	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.021	0.062	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			D9C	D9C	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			7.26	72.63	
Total CBD (CBDA * 0.877 + CBD)			4.52	45.16	
Total CBG (CBGa * 0.877 + CBG)			0.14	1.39	
Total HHC (9r-HHC + 9s-HHC)			67.47	674.68	
Total Cannabinoids Analyzed			86.28	862.75	

UI 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



DCC license: **C8-000098-LIC**
DEA license: **RP0611043**
ISO/IEC 17025:2017 Acc. **85368**

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Tue, 11 Feb 2025 16:01:41 -0800

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