

PharmLabs San Diego Certificate of Analysis

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ISO/IEC 17025:2017 Acc. L17-427-1 #85368



Sample **Nerd Cluster**

Sample ID	SD240122-009 (89850)	Matrix	Edible (Other Cannabis Good)	Batch ID/Lot ID	0102007
Tested for	Nautique Group				
Sampled	-	Received	Jan 22, 2024	Reported	Jan 28, 2024
Analyses executed	CANX, D9C	Unit Mass (g)	3.45	Num. of Servings	2
				Serving Size (g)	1.73

Summary D9C: The total $\Delta 9$ -THC content in this sample is 0.79%. For the most accurate $\Delta 9$ -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 $\Delta 8$ -THC and $\Delta 9$ -THC due to isomer interference. GC MS/MS was employed to avoid this issue. Please note, if THCa is present, the $\Delta 9$ -THC level measured by GC MS/MS might be higher due to decarboxylation.

D9C - D9 Confirmation Analysis

Analyzed Jan 27, 2024 | Instrument GC MS/MS | Method SOP-D9C

The expanded Uncertainty of the analysis is approximately $\pm 7.806\%$ at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit
$\Delta 4(8)$ -iso-Tetrahydrocannabinol ($\Delta 4(8)$ -iso-THC)	0.23	0.697	0.16	1.62	2.80	5.59
$\Delta 9$ -Tetrahydrocannabinol ($\Delta 9$ -THC)	0.387	1.174	0.79	7.86	13.60	27.12
Total $\Delta 9$ -THC			0.79	7.86	13.60	27.12
Total Cannabinoids Analyzed	-	-	0.95	9.48	16.40	32.71

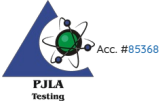
CANX - Cannabinoids Analysis

Analyzed Jan 24, 2024 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 7.806\%$ at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Serving	Result mg/Unit	Sample photography
11-Hydroxy- $\Delta 8$ -Tetrahydrocannabinavarin (11-Hyd- $\Delta 8$ -THCV)	0.013	0.041	ND	ND	ND	ND	
Cannabidiolcin (CBDO)	0.002	0.007	ND	ND	ND	ND	
Abnormal Cannabidiolcin (a-CBDO)	0.01	0.031	ND	ND	ND	ND	
($\pm$)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	ND	ND	
11-Hydroxy- $\Delta 8$ -Tetrahydrocannabinol (11-Hyd- $\Delta 8$ -THC)	0.007	0.021	ND	ND	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND	ND	
Cannabigerol (CBG)	0.001	0.16	0.00	0.03	0.05	0.10	
Cannabidiol (CBD)	0.001	0.16	0.04	0.45	0.78	1.55	
1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND	ND	
1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND	ND	
Tetrahydrocannabinavarin (THCV)	0.001	0.16	ND	ND	ND	ND	
$\Delta 8$ -tetrahydrocannabinavarin ($\Delta 8$ -THCV)	0.021	0.064	ND	ND	ND	ND	
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND	ND	
Tetrahydrocannabinutol ($\Delta 9$ -THCB)	0.013	0.038	ND	ND	ND	ND	
Cannabinol (CBN)	0.001	0.16	0.02	0.15	0.26	0.52	
Cannabidiaphorol (CBDP)	0.015	0.047	ND	ND	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND	ND	
Tetrahydrocannabinol ($\Delta 9$ -THC)	0.003	0.16	0.97	9.71	16.80	33.50	
$\Delta 8$ -tetrahydrocannabinol ($\Delta 8$ -THC)	0.004	0.16	1.62	16.25	28.11	56.06	
(6aR,9S)- $\Delta 10$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta 10$)	0.015	0.16	ND	ND	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND	ND	
(6aR,9R)- $\Delta 10$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta 10$)	0.007	0.16	ND	ND	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	ND	
$\Delta 9$ -Tetrahydrocannabinhexol ($\Delta 9$ -THCH)	0.024	0.071	ND	ND	ND	ND	
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND	ND	
$\Delta 9$ -Tetrahydrocannabiphorol ($\Delta 9$ -THCP)	0.017	0.16	0.08	0.82	1.42	2.83	
$\Delta 8$ -Tetrahydrocannabiphorol ($\Delta 8$ -THCP)	0.041	0.16	0.00	0.02	0.03	0.07	
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND	ND	
$\Delta 8$ -THC-O-acetate ($\Delta 8$ -THCO)	0.076	0.16	ND	ND	ND	ND	
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND	ND	
$\Delta 9$ -THC-O-acetate ($\Delta 9$ -THCO)	0.066	0.16	ND	ND	ND	ND	
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND	ND	
3-octyl- $\Delta 8$ -Tetrahydrocannabinol ($\Delta 8$ -THC-C8)	0.067	0.204	ND	ND	ND	ND	
Total THC (THCa + 0.877 + $\Delta 9$ THC)			0.97	9.71	16.80	33.50	
Total THC + $\Delta 8$ THC + $\Delta 10$ THC (THCa + 0.877 + $\Delta 9$ THC + $\Delta 8$ THC + $\Delta 10$ THC)			2.60	25.96	44.91	89.56	
Total CBD (CBDO + 0.877 + CBD)			0.04	0.45	0.78	1.55	
Total CBG (CBGa + 0.877 + CBG)			0.00	0.03	0.05	0.10	
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND	ND	
Total Cannabinoids Analyzed			2.74	27.43	47.45	94.63	

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



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Sun, 28 Jan 2024 18:11:40 -0800

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