

PharmLabs San Diego Certificate of Analysis



Sample Tincture D9 90mg | CBN 450mg | CBG 450mg lot: 240823

Delta9 THC	0.30%	THCa	ND	Total THC (THCa * 0.877 + THC)	0.30%	Delta8 THC	ND
------------	-------	------	----	--------------------------------	-------	------------	----

Sample ID	SD240827-015 (98469)	Matrix	Edible/Tincture
Tested for	Cheef Botanicals	Reported	Aug 28, 2024
Sampled	-	Received	Aug 26, 2024
Analyses executed	CANX	Unit Mass (g)	30.0
		Density (g/mL)	0.917

CANx - Cannabinoids Analysis

Analyzed Aug 28, 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	Result mg/Unit	Sample photography
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND	
Cannabinoliorcin (CBDO)	0.002	0.007	ND	ND	ND	
Abnormal Cannabinoliorcin (a-CBDO)	0.01	0.031	ND	ND	ND	
(+/-)-9B-Hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	ND	
Cannabinolic Acid (CBDA)	0.001	0.16	ND	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	0.01	0.11	3.30	
Cannabigerol (CBG)	0.001	0.16	1.49	14.91	447.30	
Cannabinol (CBD)	0.001	0.16	0.01	0.13	3.90	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	ND	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	ND	ND	ND	
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND	ND	
Δ8-tetrahydrocannabinol (Δ8-THCV)	0.021	0.064	ND	ND	ND	
Cannabinolihexol (CBDH)	0.005	0.16	ND	ND	ND	
Tetrahydrocannabinol (Δ9-THCB)	0.013	0.038	ND	ND	ND	
Cannabinol (CBN)	0.001	0.16	1.53	15.34	460.20	
Cannabidiophorol (CBDP)	0.015	0.047	ND	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.30	3.00	90.00	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND	ND	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.126	0.42	ND	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.118	0.39	ND	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND	
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.024	0.071	ND	ND	ND	
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND	
Δ9-Tetrahydrocannabinol (Δ9-THCP)	0.017	0.16	ND	ND	ND	
Δ8-Tetrahydrocannabinol (Δ8-THCP)	0.041	0.16	ND	ND	ND	
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND	
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	ND	
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			0.30	3.00	90.00	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			0.30	3.00	90.00	
Total CBD (CBDA * 0.877 + CBD)			0.01	0.13	3.90	
Total CBG (CBGA * 0.877 + CBG)			1.50	15.01	450.19	
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND	
Total Cannabinoids Analyzed			3.35	33.48	1004.29	

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



DCC license: C8-0000098-LIC
 DEA license: RP0611043
 ISO/IEC 17025:2017 Acc. L17-427-1

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Wed, 28 Aug 2024 08:27:26 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. L17-427-1



*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.