

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
 ISO/IEC 17025:2017 Accredited L17-427-1 #85368



Sample **5000mg Live CBD TLM.100**

Sample ID SD230829-096 (83796)	Matrix Tincture (Other Cannabis Good)
Tested for Treeline Brands	
Sampled -	Received Aug 29, 2023
Analyses executed CAN+	Reported Aug 30, 2023
	Density (g/mL) 1.114

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.33% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-d8-THC or d9-THC. At this time there are no reference standards available for (+)-d8-THC. (+)-d8-THC is a different compound from the main (-)-d8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-d8-THC and d9-THC with the majority, if not all, of the concentration being (+)-d8-THC. Total (+/-) D8 Concentration is estimated to be: 0.81%

CAN+ - Cannabinoids Analysis

Analyzed **Aug 30, 2023** | 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	LOG mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	1.95	19.56
Cannabidiol (CBD)	0.001	0.16	11.68	110.67
Tetrahydrocannabivarin (THCV)	0.001	0.16	0.39	3.87
Cannabinol (CBN)	0.001	0.16	0.78	7.68
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.28	2.79
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	0.81	8.10
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	1.39	13.90
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			ND	ND
Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC)			1.19	10.89
Total CBD (CBDA * 0.877 + CBD)			11.68	110.67
Total CBG (CBGA * 0.877 + CBG)			1.95	19.56
Total Cannabinoids			17.28	166.57

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
 Wed, 30 Aug 2023 13:32:42 -0700

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