

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 **Trap Trees Snow Cone 2g Blunt (S)**

Sample ID	SD230719-009 (81375)	Matrix	Flower (Inhalable Cannabis Good)
Tested for	Top Shelf Hemp Co		
Sampled	-	Received	Jul 18, 2023
		Reported	Jul 24, 2023
Analyses executed	CAN+, MWA		

Laboratory note: The estimated concentration of the unknown peak in the sample is 1.09% | 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 (+)-THC or (-)-THC. At this time there are no reference standards available for (+)-THC. (+)-THC is a different compound from the main (-)-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-THC and (-)-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-THC and (-)-THC with the majority, if not all, of the concentration being (+)-THC. Total (+/-) D8 Concentration is estimated to be: 8.85%

* **CAN+ - Cannabinoids Analysis**

Analyzed Jul 24, 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	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	5.70	56.98
Cannabigerol Acid (CBGA)	0.001	0.16	0.16	1.61
Cannabigerol (CBG)	0.001	0.16	<LOQ	<LOQ
Cannabidiol (CBD)	0.001	0.16	0.76	7.58
Tetrahydrocannabinol (THCV)	0.001	0.16	<LOQ	<LOQ
Cannabinol (CBN)	0.001	0.16	0.04	0.38
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	8.85	88.50
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	10.77	107.69
Total THC (THCa * 0.877 + Δ9THC + Δ8THC)			9.44	94.44
Total CBD (CBDA * 0.877 + CBD)			18.29	182.94
Total CBG (CBGA * 0.877 + CBG)			5.76	57.56
Total CBG (CBGA * 0.877 + CBG)			0.14	1.41
Total Cannabinoids			24.23	242.30

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Jul 24, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	7.5 % Mw	13 % Mw	Water Activity (WA)	0.53 a _w	0.85 a _w

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



Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Mon, 24 Jul 2023 12:57:19 -0700

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

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