

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC  
 ISO/IEC 17025:2017 Acc. 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 (+)- $\delta^8$ -THC or  $d^9$ -THC. At this time there are no reference standards available for (+)- $\delta^8$ -THC. (+)- $\delta^8$ -THC is a different compound from the main (-)- $\delta^8$ -THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)- $\delta^8$ -THC and  $d^9$ -THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)- $\delta^8$ -THC and  $d^9$ -THC with the majority, if not all, of the concentration being (+)- $\delta^8$ -THC. Total (+/-)  $\delta^8$  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  $\pm 7.806\%$  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
Tetrahydrocannabivarin (THCV)	0.001	0.16	<LOQ	<LOQ
Cannabinol (CBN)	0.001	0.16	0.04	0.38
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.003	0.16	UI	UI
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -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
<b>Total THC ( THCa * 0.877 + <math>\Delta^9</math>THC + <math>\Delta^8</math>THC )</b>			<b>9.44</b>	<b>94.44</b>
<b>Total CBD ( CBDA * 0.877 + CBD )</b>			<b>18.29</b>	<b>182.94</b>
<b>Total CBG ( CBGA * 0.877 + CBG )</b>			<b>5.76</b>	<b>57.56</b>
<b>Total CBG ( CBGA * 0.877 + CBG )</b>			<b>0.14</b>	<b>1.41</b>
<b>Total Cannabinoids</b>			<b>24.23</b>	<b>242.30</b>

\*Dry Weight %

**MWA - Moisture Content & Water Activity Analysis**

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

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)			7.5 % Mw	13 % Mw	Water Activity (WA)			0.53 a <sub>w</sub>	0.85 a <sub>w</sub>

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  
 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 Acc. L17-427-1



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