

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 **Hawaiian Haze 8**

Sample ID	SD230915-054 (84610)	Matrix	Flower (Inhalable Cannabis Good)
Sampled	-	Received	Sep 15, 2023
Reported	Sep 18, 2023		
Analyses executed	CAN+, MWA		

**Laboratory note:** The estimated concentration of the unknown peak in the sample is 1.44% | 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 d9-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 d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-THC and d9-THC with the majority, if not all, of the concentration being (+)-THC. Total (+/-) D8 Concentration is estimated to be: 11.80%

\* **CAN+ - Cannabinoids Analysis**

Analyzed Sep 18, 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	16.60	165.95
Cannabigerol Acid (CBGA)	0.001	0.16	6.65	65.53
Cannabigerol (CBG)	0.001	0.16	0.12	1.20
Cannabidiol (CBD)	0.001	0.16	9.93	97.27
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.08	0.85
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	11.80	118.00
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.59	5.92
<b>Total THC ( THCa * 0.877 + Δ9THC )</b>			<b>0.52</b>	<b>5.19</b>
<b>Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )</b>			<b>12.32</b>	<b>123.19</b>
<b>Total CBD ( CBDA * 0.877 + CBD )</b>			<b>15.48</b>	<b>154.81</b>
<b>Total CBG ( CBGA * 0.877 + CBG )</b>			<b>0.69</b>	<b>6.93</b>
<b>Total Cannabinoids</b>			<b>28.58</b>	<b>285.78</b>

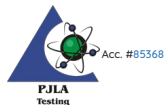
\*Dry Weight %

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

Analyzed Sep 15, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)			5.7 % Mw	13 % Mw	Water Activity (WA)			0.41 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



Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
 Mon, 18 Sep 2023 09:08:50 -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.