

PharmLabs San Diego **Certificate of Analysis**



Sample **Astro Eight - D8 1G Cartridge - Black Mamba**

Delta9 THC	UI	THCa	ND	Total THC (THC + THCa)	UI	Delta8 THC	<b>86.38%</b>
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Sample ID	SD221011-040 (53380)	Matrix	Concentrate (Inhalable Cannabis Good)
Tested for	A8 Industries		
Sampled	-	Received	Oct 10, 2022
Analyses executed	CAN+	Reported	Oct 12, 2022

**Laboratory note:** The estimated concentration of the unknown peak in the sample is 7.00% | 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 (+)δ8-THC or d9-THC. At this time there are no reference standards available for (+)δ8-THC. (+)δ8-THC is a different compound from the main (-)δ8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)δ8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)δ8-THC and d9-THC with the majority, if not all, of the concentration being (+)δ8-THC. Total (+/-) D8 Concentration is estimated to be: 93.38%

**CAN+ - Cannabinoids Analysis**

Analyzed Oct 12, 2022 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately **±.806%** at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Sample photography
Cannabidiol (CBD)	0.039	0.16	ND	ND	
Cannabidiol Acid (CBDA)	0.001	0.16	ND	ND	
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	
Cannabigerol (CBG)	0.001	0.16	ND	ND	
Cannabidiol (CBD)	0.001	0.16	ND	ND	
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	<b>86.38</b>	<b>863.81</b>	
Cannabicyclol (CBL)	0.002	0.16	ND	ND	
Cannabichromene (CBC)	0.002	0.16	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	
<b>Total THC ( THCa * 0.877 + Δ9THC )</b>			<b>UI</b>	<b>UI</b>	
<b>Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )</b>			<b>86.38</b>	<b>863.81</b>	
<b>Total CBD ( CBDA * 0.877 + CBD )</b>			<b>ND</b>	<b>ND</b>	
<b>Total CBG ( CBGA * 0.877 + CBG )</b>			<b>ND</b>	<b>ND</b>	
<b>Total Cannabinoids Analyzed</b>			<b>86.38</b>	<b>863.81</b>	



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



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



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
 Wed, 12 Oct 2022 08:59:37 -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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