

PharmLabs San Diego Certificate of Analysis

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



Sample **2gm Full Spectrum Delta-8 Disposable Vape - Styrwnana - Batch #SNHRD011723**

Sample ID <b>SD230126-014 (56143)</b>	Matrix <b>Concentrate (Inhalable Cannabis Good)</b>
Distributor License <b>035175</b>	Name <b>The Heart of Hemp</b>
Address <b>219 Sierra Drive SE</b>	Reported <b>Jan 26, 2023</b>
Received <b>Jan 25, 2023</b>	Unit Mass (g) <b>2.0</b>
Analyses executed <b>CAN+</b>	

**Laboratory note:** The estimated concentration of the unknown peak in the sample is 14.60% | 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: 84.66%

**CAN+ - Cannabinoids Analysis**

Analyzed **Jan 26, 2023** | Instrument **HPLC-VWD** | Method **SOP-001**  
 Measurement Uncertainty at 95% confidence **7.806%**

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
Cannabidiol (CBD)	0.039	0.16	ND	ND	ND
Cannabidiol Acid (CBDA)	0.001	0.16	ND	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND	ND
Cannabigerol (CBG)	0.001	0.16	0.18	1.83	3.67
Cannabidiol (CBD)	0.001	0.16	0.84	8.40	16.80
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.003	0.16	UI	UI	UI
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)	0.004	0.16	84.66	846.62	1693.24
Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
<b>Total THC ( THCa * 0.877 + <math>\Delta^9</math>THC )</b>			ND	ND	ND
<b>Total THC + <math>\Delta^8</math>THC ( THCa * 0.877 + <math>\Delta^9</math>THC + <math>\Delta^8</math>THC )</b>			84.66	846.62	1693.24
<b>Total CBD ( CBDA * 0.877 + CBD )</b>			0.84	8.40	16.80
<b>Total CBG ( CBGA * 0.877 + CBG )</b>			0.18	1.83	3.67
<b>Total Cannabinoids</b>			<b>85.69</b>	<b>856.85</b>	<b>1713.71</b>

Sample photography



UI Not Identified  
 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  
 Thu, 26 Jan 2023 13:34:23 -0800

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

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