

PharmLabs San Diego Certificate of Analysis



Sample **PLUGPLAYHEMP-LIVEST-DIAMOND OG**

Delta9 THC ND	THCa 2.92%	Total THC (THC + THCa) 2.92%	Delta8 THC 56.94%
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Sample ID SD240508-027 (94164)	Matrix Concentrate (Inhalable Cannabis Good)
Tested for A8 Industries	
Sampled -	Received May 08, 2024
Analyses executed CANX, QARUSH	Reported May 09, 2024

**CANX - Cannabinoids Analysis**

Analyzed May 09, 2024 | Instrument HPLC-VWD | Method SOP-001  
 The expanded Uncertainty of the Cannabinoid analysis is approximately  $\pm 8.06\%$  at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
11-Hydroxy- $\Delta^8$ -Tetrahydrocannabinavin (11-Hyd- $\Delta^8$ -THCV)	0.013	0.041	ND	ND
Cannabidiaricin (CBDO)	0.002	0.007	ND	ND
Abnormal Cannabidiaricin (a-CBDO)	0.01	0.031	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND
11-Hydroxy- $\Delta^8$ -Tetrahydrocannabinol (11-Hyd- $\Delta^8$ -THC)	0.007	0.021	ND	ND
Cannabidiolic 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
1(S)-THD (s-THD)	0.013	0.041	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND
Tetrahydrocannabinavin (THCV)	0.001	0.16	<LOQ	<LOQ
$\Delta^8$ -tetrahydrocannabinavin ( $\Delta^8$ -THCV)	0.021	0.064	0.21	2.11
Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Tetrahydrocannabutol ( $\Delta^9$ -THCB)	0.013	0.038	ND	ND
Cannabinol (CBN)	0.001	0.16	0.60	6.05
Cannabidiaphoral (CBDP)	0.015	0.047	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.003	0.16	ND	ND
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)	0.004	0.16	56.94	569.45
(6aR,9S)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^{10}$ )	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	7.29	72.92
(6aR,9R)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^{10}$ )	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	12.51	125.08
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	3.33	33.32
$\Delta^9$ -Tetrahydrocannabinhexol ( $\Delta^9$ -THCH)	0.024	0.071	3.17	31.70
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
$\Delta^9$ -Tetrahydrocannabiphoral ( $\Delta^9$ -THCP)	0.017	0.16	3.44	34.41
$\Delta^8$ -Tetrahydrocannabiphoral ( $\Delta^8$ -THCP)	0.041	0.16	ND	ND
Cannabitran (CBT)	0.005	0.16	ND	ND
$\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THCO)	0.076	0.16	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND
$\Delta^9$ -THC-O-acetate ( $\Delta^9$ -THCO)	0.066	0.16	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND
3-octyl- $\Delta^8$ -Tetrahydrocannabinol ( $\Delta^8$ -THC-C8)	0.067	0.204	ND	ND
<b>Total THC ( THCa * 0.877 + <math>\Delta^9</math>THC )</b>			<b>2.92</b>	<b>29.22</b>
<b>Total THC + <math>\Delta^8</math>THC + <math>\Delta^{10}</math>THC ( THCa * 0.877 + <math>\Delta^9</math>THC + <math>\Delta^8</math>THC + <math>\Delta^{10}</math>THC )</b>			<b>59.87</b>	<b>598.67</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 HHC ( 9r-HHC + 9s-HHC )</b>			<b>19.80</b>	<b>198.00</b>
<b>Total Cannabinoids Analyzed</b>			<b>87.09</b>	<b>870.94</b>

UJ 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



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Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
 Thu, 09 May 2024 14:33:50 -0700

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