

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-000098-LIC  
 ISO/IEC 17025:2017 Acc. L17-427-1 #85368



Sample **Hywaze Disposable 4000mg D8/D11/HHC/THCP Granddaddy Purple**

Sample ID	SD231020-001 (86416)	Matrix	Concentrate (Inhalable Cannabis Good)	Batch ID	DPGPMX23003
Tested for	Hywaze				
Sampled	-	Received	Oct 19, 2023	Reported	Oct 23, 2023
Analyses executed	CANX, QARUSH			Unit Mass (g)	4.0

Laboratory note: The estimated concentration of the unknown peak in this sample is 20.5%. Currently, PharmLabs laboratory can not confirm the unidentified peak in your chromatogram due to an interference (only with concentrated d8 products) from which we believe to be an isomer of  $\delta^8$ -THC or  $\delta^9$ -THC.  
 Total Cannabinoids: 73.09%.

CANX - Cannabinoids Analysis

Analyzed Oct 20, 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	Result mg/Unit
11-Hydroxy- $\Delta^8$ -Tetrahydrocannabinarin (11-Hyd- $\Delta^8$ -THCV)	0.013	0.041	ND	ND	ND
Cannabidiarin (CBDO)	0.002	0.007	ND	ND	ND
Abnormal Cannabidiarin (a-CBDO)	0.01	0.031	ND	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	ND
11-Hydroxy- $\Delta^8$ -Tetrahydrocannabinol (11-Hyd- $\Delta^8$ -THC)	0.007	0.021	ND	ND	ND
Cannabidiolic 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	0.49	4.89	19.56
Cannabidiol (CBD)	0.001	0.16	1.61	16.14	64.56
1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND
1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND
Tetrahydrocannabinarin (THCV)	0.001	0.16	ND	ND	ND
$\Delta^8$ -tetrahydrocannabinarin ( $\Delta^8$ -THCV)	0.021	0.064	ND	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND
Tetrahydrocannabinutol ( $\Delta^9$ -THCB)	0.013	0.038	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	1.19	11.92	47.68
Cannabidiphoral (CBDP)	0.015	0.047	ND	ND	ND
exo-THC (exo-THC)	0.005	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	49.06	490.56	1962.24
(6aR,9S)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^{10}$ )	0.015	0.16	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	6.28	62.84	251.36
(6aR,9R)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^{10}$ )	0.007	0.16	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	13.39	133.87	535.48
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
$\Delta^9$ -Tetrahydrocannabinihexol ( $\Delta^9$ -THCH)	0.024	0.071	ND	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND
$\Delta^9$ -Tetrahydrocannabiniphoral ( $\Delta^9$ -THCP)	0.017	0.16	1.07	10.66	42.64
$\Delta^8$ -Tetrahydrocannabiniphoral ( $\Delta^8$ -THCP)	0.041	0.16	ND	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND
$\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THCO)	0.076	0.16	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND
$\Delta^9$ -THC-O-acetate ( $\Delta^9$ -THCO)	0.066	0.16	ND	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND
3-octyl- $\Delta^8$ -Tetrahydrocannabinol ( $\Delta^8$ -THC-C8)	0.067	0.204	ND	ND	ND
$\Delta^9$ -THC methyl ether ( $\Delta^9$ -MeO-THC)			NT	NT	NT
Total THC ( THCa * 0.877 + $\Delta^9$ THC )			ND	ND	ND
Total THC + $\Delta^8$ THC + $\Delta^{10}$ THC ( THCa * 0.877 + $\Delta^9$ THC + $\Delta^8$ THC + $\Delta^{10}$ THC )			49.06	490.56	1962.24
Total CBD ( CBDA * 0.877 + CBD )			1.61	16.14	64.56
Total CBG ( CBGA * 0.877 + CBG )			0.49	4.89	19.56
Total HHC ( 9r-HHC + 9s-HHC )			19.67	196.71	786.84
Total Cannabinoids			73.09	730.88	2923.52

Sample photography



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, 23 Oct 2023 13:54:38 -0700

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