## PharmLabs San Diego Certificate of Analysis

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Sample ID SD230714-054 (81181)		Matrix Concentrate (Inhalable Cannabis Good)			
Tested for Wherezhemp, LLC					
Sampled -	Received Jul 14, 2023	Reported Jul 18, 2023			
Analyses executed CANX, QARUSH		Unit Mass (g) 4.5			

Laboratory note: The estimated concentration of the unknown peak in the sample is 5.42% | 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 (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC. (+)d8-THC is a different compound from the main (-)d8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)d8-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 75.42%.

## CANX - Cannabinoids Analysis

Analyzed Jul 18, 2023 | Instrument HPLC-VWD | Method
The expanded Uncertainty of the Cannabinoid analysis is approximately \$\frac{\pi}{2}.806\% at the 95\% Confidence Level

The expanded officer taining of the Carinabinola analysis is approximately \$2.806% at the \$5% Confidence Level								
Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit			
11-Hydroxy-∆8-Tetrahydrocannabivarin (11-Hyd-∆8-THCV)	0.013	0.041	ND	ND	ND			
Cannabidiorcin (CBDO)	0.002	0.007	ND	ND	ND			
Abnormal Cannabidiorcin (a-CBDO)	0.01	0.031	ND	ND	ND			
(+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC)	0.012	0.036	ND	ND	ND			
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-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	0.94	9.36	42.13			
Cannabidiol (CBD)	0.001	0.16	ND	ND	ND			
1(S)-THD (s-THD)	0.013	0.041	ND	ND	ND			
1(R)-THD (r-THD)	0.025	0.075	ND	ND	ND			
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND			
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	ND			
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND			
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	ND			
Cannabinol (CBN)	0.001	0.16	1.01	10.13	45.57			
Cannabidiphorol (CBDP)	0.015	0.047	ND	ND	ND			
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND			
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI			
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	75.42	754.20	3393.90			
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	ND			
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	1.20	12.04	54.16			
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	ND			
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	2.02	20.20	90.89			
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND			
Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.024	0.071	ND	ND	ND			
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND			
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	6.54	65.43	294.44			
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	ND			
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND			
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	ND			
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND			
Δ9-THC-O-acetate (Δ9-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)			ND	ND	ND			
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	ND			
Δ9-THC methyl ether (Δ9-MeO-THC)			ND	ND	ND			
Total THC ( THCa * 0.877 + $\Delta$ 9THC )			ND	ND	ND			
Total THC + $\triangle$ 8THC + $\triangle$ 10THC ( THCa * 0.877 + $\triangle$ 9THC + $\triangle$ 8THC + $\triangle$ 10THC )			75.42	754.20	3393.90			
Total CBD ( CBDa * 0.877 + CBD )			ND	ND	ND			
Total CBG ( CBGa * 0.877 + CBG )			0.94	9.36	42.13			
Total HHC ( 9r-HHC + 9s-HHC )			3.22	32.23	145.05			
Total Cannabinoids			87.14	871.36	3921.10			

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Sample photography

UI Not Identified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detection
LOQ Limit of Guantification
<LOQ Detection
Forum of Countification
CEU/Q Colony Forming Units per 1 gram
TNTC Too Numerous to Count









Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Tue, 18 Jul 2023 10:49:50 -0700

