## 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 Rare D8 2000mg Disposable Lemon Haze

Sample ID SD220629	9-084 (49378)	Matrix Concentrate (Inhalable Cannabis Good)						
Tested for Mile High Cure								
Sampled -	Received Jun 29, 2022	Reported Jun 30, 2022						
Analyses executed	CAN20							

Laboratory note: The estimated concentration of the unknown peak in the sample is 4.9% | 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 and d9-THC with the majority, if not all, of the concentration being (+)d8-THC. The estimated total d8-THC concentration is 75.4%.

## CAN20 - Cannabinoids Analysis

Analyzed Jun 30, 2022 | Instrument HLPC

Measurement Uncertainty at 95% confidence 7.806%

Analyte  Cannabidivarin (CBDV)  Cannabidiolic Acid (CBDA)  Cannabigerol Acid (CBGA)  Cannabigerol (CBG)  Cannabidiol (CBD)  Tetrahydrocannabivarin (THCV)  Cannabinol (CBN)  exo-THC (exo-THC)  Tetrahydrocannabinol (Δ9-THC)  Δ8-tetrahydrocannabinol (Δ8-THC)  (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)  Hexahydrocannabinol (S Isomer) (9s-HHC)  (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)  Hexahydrocannabinol (R Isomer) (9r-HHC)  Cannabichromene (CBC)  Tetrahydrocannabinolic Acid (THCA)  Δ9-Tetrahydrocannabiphorol (Δ9-THCP)  Δ8-Tetrahydrocannabiphorol (Δ8-THCP)  Δ8-THC-O-acetate (Δ8-THC-O)  Δ9-THC-O-acetate (Δ9-THC-O)  Δ9-Tetrahydrocannabihexol (Δ9-THCH)  Total THC (THCa*0.877 + THC)  Total CBD (CBDa*0.877 + CBD)  Total CBG (CBGa*0.877 + CBG)	6				
Cannabidiolic Acid (CBDA) Cannabigerol Acid (CBGA) Cannabigerol (CBG) Cannabidiol (CBD) Tetrahydrocannabivarin (THCV) Cannabinol (CBN) exo-THC (exo-THC) Tetrahydrocannabinol (Δ9-THC) Δ8-tetrahydrocannabinol (Δ8-THC) (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD)	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Package
Cannabigerol Acid (CBGA) Cannabigerol (CBG) Cannabidiol (CBD) Tetrahydrocannabivarin (THCV) Cannabinol (CBN) exo-THC (exo-THC) Tetrahydrocannabinol (Δ9-THC) Δ8-tetrahydrocannabinol (Δ8-THC) (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.039	0.16	0.22	2.22	2.22
Cannabigerol (CBG) Cannabidiol (CBD) Tetrahydrocannabivarin (THCV) Cannabinol (CBN) exo-THC (exo-THC) Tetrahydrocannabinol (Δ9-THC) Δ8-tetrahydrocannabinol (Δ8-THC) (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.001	0.16	1.07	10.72	10.72
Cannabidiol (CBD) Tetrahydrocannabivarin (THCV) Cannabinol (CBN) exo-THC (exo-THC) Tetrahydrocannabinol (Δ9-THC) Δ8-tetrahydrocannabinol (Δ8-THC) (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa*0.877 + THC) Total CBD (CBDa*0.877 + CBD) Total CBG (CBGa*0.877 + CBG)	0.001	0.16	ND	ND	ND
Tetrahydrocannabivarin (THCV) Cannabinol (CBN) exo-THC (exo-THC) Tetrahydrocannabinol (Δ9-THC) Δ8-tetrahydrocannabinol (Δ8-THC) (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.001	0.16	ND	ND	ND
Cannabinol (CBN) exo-THC (exo-THC)  Tetrahydrocannabinol (Δ9-THC)  Δ8-tetrahydrocannabinol (Δ8-THC) (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)  Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)  Hexahydrocannabinol (R Isomer) (9r-HHC)  Cannabichromene (CBC)  Tetrahydrocannabinolic Acid (THCA)  Δ9-Tetrahydrocannabiphorol (Δ9-THCP)  Δ8-Tetrahydrocannabiphorol (Δ8-THCP)  Δ8-THC-O-acetate (Δ8-THC-O)  Δ9-THC-O-acetate (Δ9-THC-O)  Δ8-Tetrahydrocannabivarin (Δ8-THCV)  Δ9-Tetrahydrocannabihexol (Δ9-THCH)  Total THC (THCa * 0.877 + THC)  Total CBD (CBDa * 0.877 + CBD)  Total CBG (CBGa * 0.877 + CBG)	0.001	0.16	ND	ND	ND
exo-THC (exo-THC)  Tetrahydrocannabinol (Δ9-THC)  Δ8-tetrahydrocannabinol (Δ8-THC)  (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)  Hexahydrocannabinol (S Isomer) (9s-HHC)  (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)  Hexahydrocannabinol (R Isomer) (9r-HHC)  Cannabichromene (CBC)  Tetrahydrocannabinolic Acid (THCA)  Δ9-Tetrahydrocannabiphorol (Δ9-THCP)  Δ8-Tetrahydrocannabiphorol (Δ8-THCP)  Δ8-THC-O-acetate (Δ8-THC-O)  Δ9-THC-O-acetate (Δ9-THC-O)  Δ8-Tetrahydrocannabivarin (Δ8-THCV)  Δ9-Tetrahydrocannabihexol (Δ9-THCH)  Total THC (THCa * 0.877 + THC)  Total CBD (CBDa * 0.877 + CBD)	0.001	0.16	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC) Δ8-tetrahydrocannabinol (Δ8-THC) (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD)	0.001	0.16	ND	ND	ND
Δ8-tetrahydrocannabinol (Δ8-THC) (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD)	0.016	8.0	ND	ND	ND
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)  Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)  Hexahydrocannabinol (R Isomer) (9r-HHC)  Cannabichromene (CBC)  Tetrahydrocannabinolic Acid (THCA)  Δ9-Tetrahydrocannabiphorol (Δ9-THCP)  Δ8-Tetrahydrocannabiphorol (Δ8-THCP)  Δ8-THC-O-acetate (Δ8-THC-O)  Δ9-THC-O-acetate (Δ9-THC-O)  Δ8-Tetrahydrocannabivarin (Δ8-THCV)  Δ9-Tetrahydrocannabihexol (Δ9-THCH)  Total THC (THCa * 0.877 + THC)  Total CBD (CBDa * 0.877 + CBD)	0.003	0.16	UI	UI	UI
Hexahydrocannabinol (S Isomer) (9s-HHC) (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabivarin (Δ8-THCV) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.004	0.16	70.54	705.39	705.39
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabivarin (Δ8-THCV) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.015	0.16	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC) Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.017	0.16	ND	ND	ND
Cannabichromene (CBC) Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.007	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA) Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD)	0.016	0.16	ND	ND	ND
Δ9-Tetrahydrocannabiphorol (Δ9-THCP) Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.002	0.16	ND	ND	ND
Δ8-Tetrahydrocannabiphorol (Δ8-THCP) Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.001	0.16	ND	ND	ND
Δ8-THC-O-acetate (Δ8-THC-O) Δ9-THC-O-acetate (Δ9-THC-O) Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.017	0.16	ND	ND	ND
Δ9-THC-O-acetate (Δ9-THC-O)  Δ8-Tetrahydrocannabivarin (Δ8-THCV)  Δ9-Tetrahydrocannabihexol (Δ9-THCH)  Total THC (THCa * 0.877 + THC)  Total CBD (CBDa * 0.877 + CBD)  Total CBG (CBGa * 0.877 + CBG)	0.041	0.16	ND	ND	ND
Δ8-Tetrahydrocannabivarin (Δ8-THCV) Δ9-Tetrahydrocannabihexol (Δ9-THCH) Total THC (THCa * 0.877 + THC) Total CBD (CBDa * 0.877 + CBD) Total CBG (CBGa * 0.877 + CBG)	0.076	0.16	ND	ND	ND
Δ9-Tetrahydrocannabihexol (Δ9-THCH)  Total THC (THCa * 0.877 + THC)  Total CBD (CBDa * 0.877 + CBD)  Total CBG (CBGa * 0.877 + CBG)	0.066	0.16	ND	ND	ND
Total THC (THCa * 0.877 + THC)  Total CBD (CBDa * 0.877 + CBD)  Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND
Total CBD (CBDa * 0.877 + CBD)  Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND
Total CBG (CBGa * 0.877 + CBG)			ND	ND	ND
,			0.94	9.40	9.40
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND
			ND	ND	ND
TOTAL CANNABINOIDS			71.70	717.01	717.01

## 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, 30 Jun 2022 17:08:29 -0700



