

## 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 D8 Doobies

Sample ID SD230201-003 (60938)  
Tested for ZILLA  
Sampled - Received Jan 31, 2023  
Analyses executed CAN+, MWA

Laboratory note: The estimated concentration of the unknown peak in the sample is 1.07%. 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. Total (+/-)D8 Concentration is estimated to be: 2.92%

## \*CAN+ - Cannabinoids Analysis

Analyzed Feb 01, 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
Cannabidivarin (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	3.84	38.41
Cannabigerol Acid (CBGA)	0.001	0.16	0.86	8.59
Cannabigerol (CBG)	0.001	0.16	0.13	1.33
Cannabidiol (CBD)	0.001	0.16	0.82	8.18
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.06	0.62
Tetrahydrocannabinol ( $\Delta$ 9-THC)	0.003	0.16	UI	UI
$\Delta$ 8-tetrahydrocannabinol ( $\Delta$ 8-THC)	0.004	0.16	2.92	29.22
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	0.12	1.24
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	0.10	0.98
Total THC ( THCa * 0.877 + $\Delta$ 9THC )			0.09	0.86
Total THC + $\Delta$ 8THC ( THCa * 0.877 + $\Delta$ 9THC + $\Delta$ 8THC )			3.01	30.08
Total CBD ( CBDa * 0.877 + CBD )			4.19	41.87
Total CBG ( CBGa * 0.877 + CBG )			0.89	8.86
Total Cannabinoids			8.27	82.67

\*Dry Weight %

## MWA - Moisture Content &amp; Water Activity Analysis

Analyzed Jan 31, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	Result	Limit	Analyte	Result	Limit
Moisture (Moi)	6.9 % Mw	13 % Mw	Water Activity (WA)	0.49 $a_w$	0.85 $a_w$



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  
Wed, 01 Feb 2023 11:56:26 -0800