

PharmLabs San Diego Certificate of Analysis

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



Sample **Twisted - GDP**

Sample ID	SD220618-022 (48999)	Matrix	Concentrate (Inhalable Cannabis Good)
Tested for	TWISTED		
Sampled	-	Received	Jun 17, 2022
		Reported	Jun 20, 2022
Analyses executed	CAN20		

**Laboratory note :** The estimated concentration of the unknown peak in the sample is 2.9% | 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 39.8%

CAN20 - Cannabinoids Analysis

Analyzed Jun 20, 2022 | Instrument HPLC  
 Measurement Uncertainty at 95% confidence 7.806%

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  
 Mon, 20 Jun 2022 14:02:15 -0700

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Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
Cannabidiol (CBDV)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	0.63	6.30
Cannabigerol Acid (CBGA)	0.001	0.16	ND	ND
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	5.44	54.40
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	0.65	6.53
exo-THC (exo-THC)	0.016	0.8	ND	ND
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.003	0.16	UI	UI
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)	0.004	0.16	36.95	369.49
(6aR,9S)- $\Delta^10$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^10$ )	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	10.98	109.76
(6aR,9R)- $\Delta^10$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^10$ )	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	22.31	223.05
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND
$\Delta^9$ -Tetrahydrocannabiphorol ( $\Delta^9$ -THCP)	0.017	0.16	1.07	10.67
$\Delta^8$ -Tetrahydrocannabiphorol ( $\Delta^8$ -THCP)	0.041	0.16	ND	ND
$\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THC-O)	0.076	0.16	11.62	116.23
$\Delta^9$ -THC-O-acetate ( $\Delta^9$ -THC-O)	0.066	0.16	0.81	8.14
$\Delta^8$ -Tetrahydrocannabivarin ( $\Delta^8$ -THCV)			ND	ND
$\Delta^9$ -Tetrahydrocannabihexol ( $\Delta^9$ -THCH)			ND	ND
Total THC (THCa * 0.877 + THC)			ND	ND
Total CBD (CBDA * 0.877 + CBD)			5.99	59.93
Total CBG (CBGa * 0.877 + CBG)			ND	ND
Total HHC (9r-HHC + 9s-HHC)			33.28	332.82
<b>TOTAL CANNABINOIDS</b>			<b>90.38</b>	<b>903.83</b>

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