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 Grape Ape Flower TSHC



Sample ID SD220825-	007 (51520)	Matrix Flower (Inhalable Cannabis Good)						
Tested for Top Shelf Hemp Co								
Sampled -	Received Aug 24, 2022	Reported Aug 25, 2022						
Analyses executed C	AN+	Unit Mass (g) 3.5						

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.98% [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 cannobinoid 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 cannabinoids is estimated to be 22.0%.

*CAN+ - Cannabinoids Analysis

Analyzed Aug 25, 2022 | Instrument HPLC-VWD | Method SOP-001 Measurement Uncertainty at 95% confidence 7.806%

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Package
Cannabidivarin (CBDV)	0.039	0.16	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	11.48	114.75	401.63
Cannabigerol Acid (CBGA)	0.001	0.16	0.45	4.55	15.92
Cannabigerol (CBG)	0.001	0.16	ND	ND	ND
Cannabidiol (CBD)	0.001	0.16	1.40	13.96	48.87
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	UI	UI	UI
Δ 8-tetrahydrocannabinol (Δ 8-THC)	0.004	0.16	9.15	91.47	320.14
Cannabicyclol (CBL)	0.002	0.16	ND	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	ND	ND	ND
Total THC (THCa * 0.877 + THC)			ND	ND	ND
Total CBD (CBDa * 0.877 + CBD)			11.46	114.60	401.10
Total CBG (CBGa * 0.877 + CBG)			0.40	3.99	13.96
TOTAL CANNABINOIDS			21.01	210.06	735.20
					*Dry Weight %

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







verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Thu, 25 Aug 2022 11:33:14 -0700

17025 #85368

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1 Pharm//are CANNABIS LABORATORY LIMS & ELN

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