

PharmLabs San Diego Certificate of Analysis



Sample **Coast Exotics 3.5g Flower Jar Sour Diesel + Clementine**

Delta9 THC UI	THCa 12.12%	Total THC (THCa * 0.877 + THC) 10.63%	Delta8 THC 5.04%
---------------	-------------	---------------------------------------	------------------

Sample ID SD230225-001 (66917)	Matrix Flower
Tested for Agrowth	
Sampled -	Received Feb 24, 2023
Analyses executed CANX, MWA	Reported Feb 28, 2023

Laboratory note: The estimated concentration of the unknown peak in the sample is 1.15% | 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 (+)δ8-THC or d9-THC. At this time there are no reference standards available for (+)δ8-THC. (+)δ8-THC is a different compound from the main (-)δ8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)δ8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)δ8-THC and d9-THC with the majority, if not all, of the concentration being (+)δ8-THC. Total (+/-) D8 Concentration is estimated to be: 5.04%

CANx - Cannabinoids

Analyzed Feb 28, 2023 | Instrument HPLC-VWD | Method SOP-001  
The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.806% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Sample photography
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	
Cannabidiol (CBD)	0.006	0.02	ND	ND	
Abnormal Cannabidiol (a-CBD)	0.013	0.038	ND	ND	
(+/-)-9B-Hydroxy-Hexahydrocannabinol (9b-HHC)	0.015	0.045	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.015	0.045	ND	ND	
Cannabidiolic Acid (CBDA)	0.033	0.16	7.55	75.46	
Cannabigerol Acid (CBGA)	0.033	0.16	3.26	32.64	
Cannabigerol (CBG)	0.048	0.16	0.30	3.04	
Cannabidiol (CBD)	0.069	0.229	1.11	11.12	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.008	0.026	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.016	0.049	ND	ND	
Tetrahydrocannabivarin (THCV)	0.049	0.162	ND	ND	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.012	0.036	ND	ND	
Cannabidiol (CBDH)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THCB)	0.01	0.029	ND	ND	
Cannabinol (CBN)	0.047	0.16	1.48	14.79	
Cannabidiol (CBDP)	0.016	0.049	ND	ND	
exo-THC (exo-THC)	0.016	0.8	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	UI	UI	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	5.04	50.40	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	0.07	0.73	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.8	1.21	12.06	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.8	1.14	11.36	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.8	3.33	33.28	
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	12.12	121.24	
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.02	0.061	ND	ND	
Cannabinol Acetate (CBNO)	0.009	0.027	ND	ND	
9(S)-Hexahydrocannabinolic Acid (9(S)-HHCA)	0.063	0.065	NT	NT	
9(R)-Hexahydrocannabinolic Acid (9(R)-HHCA)	0.191	0.196	NT	NT	
Δ9-Tetrahydrocannabinol (Δ9-THCP)	0.017	0.8	ND	ND	
Δ8-Tetrahydrocannabinol (Δ8-THCP)	0.041	0.8	ND	ND	
Cannabicitran (CBT)	0.005	0.16	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.8	0.25	2.54	
9(S)-HHCP (s-HHCP)	0.013	0.041	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.8	0.48	4.80	
9(R)-HHCP (r-HHCP)	0.015	0.045	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.031	0.093	NT	NT	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.021	0.062	ND	ND	
Δ9-THC methyl ether (Δ9-MeO-THC)	0.029	0.088	ND	ND	
Δ8-THC methyl ether (Δ8-MeO-THC)	0.001	0.002	NT	NT	
Total THC ( THCa * 0.877 + Δ9THC )			10.63	106.33	
Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC )			16.88	168.82	
Total CBD ( CBDA * 0.877 + CBD )			7.73	77.30	
Total CBG ( CBGA * 0.877 + CBG )			3.17	31.66	
Total HHC ( 9r-HHC + 9s-HHC )			4.53	45.35	
Total Cannabinoids Analyzed			34.53	345.26	

\*Dry Weight %

MWA - Moisture Content & Water Activity

Analyzed Feb 24, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	7.6 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.54 aw	0.85 aw

UI Unidentified  
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



DCC license: C8-0000098-LIC  
DEA license: RP0611043  
ISO/IEC 17025:2017 Acc. 85368



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager  
Tue, 28 Feb 2023 17:06:39 -0800

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. 85368



\*This report shall not be reproduced except in full, without the written approval of the lab. This report is for informational purposes only and should not be used to diagnose, treat or prevent any disease. Results are only for samples and batches indicated. Results are reported on an "as received" basis, unless indicated otherwise. When a Pass/Fail status is reported, that status is intended to be in accordance with federal, state and local laws which are required for the customer to be in compliance. The measurement of uncertainty is not included in the Pass/Fail evaluation unless explicitly required by federal, state or local laws and has been reported on the certificate of analysis. Measurement of uncertainty is available upon request.