

PharmLabs San Diego Certificate of Analysis



Sample **STNR Double D's Sour Tangie**

Delta9 THC 0.28%	THCa 18.31%	Total THC (THCa * 0.877 + THC) 16.33%	Delta8 THC ND
-------------------------	--------------------	--	----------------------

Sample ID SD240925-030 (99730)	Matrix Flower
Tested for Top Shelf Hemp Co	
Sampled -	Received Sep 25, 2024
Analyses executed CANX, HME, MWA	Reported Sep 27, 2024
	Unit Mass (g) 5.336

CANx - Cannabinoids Analysis

Analyzed Sep 27, 2024 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 8.1\%$ at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit
11-Hydroxy- Δ 8-Tetrahydrocannabinol (11-Hyd- Δ 8-THCV)	0.013	0.041	ND	ND	ND
Cannabidiol (CBD)	0.002	0.007	ND	ND	ND
Abnormal Cannabidiol (a-CBD)	0.01	0.031	ND	ND	ND
(+/-)-9B-Hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	ND
11-Hydroxy- Δ 8-Tetrahydrocannabinol (11-Hyd- Δ 8-THC)	0.007	0.021	ND	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	3.14	31.43	167.71
Cannabigerol Acid (CBGA)	0.001	0.16	0.34	3.41	18.20
Cannabigerol (CBG)	0.001	0.16	0.10	1.00	5.34
Cannabidiol (CBD)	0.001	0.16	0.79	7.93	42.31
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	ND	ND	ND
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	ND	ND	ND
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND	ND
Δ 8-tetrahydrocannabinol (Δ 8-THCV)	0.021	0.064	ND	ND	ND
Cannabidiol (CBDH)	0.005	0.16	ND	ND	ND
Tetrahydrocannabinol (Δ 9-THCB)	0.013	0.038	ND	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND	ND
Cannabidiophorol (CBDP)	0.015	0.047	ND	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND	ND
Tetrahydrocannabinol (Δ 9-THC)	0.003	0.16	0.28	2.88	28.87
Δ 8-tetrahydrocannabinol (Δ 8-THC)	0.004	0.16	ND	ND	ND
(6aR,9S)- Δ 10-Tetrahydrocannabinol ((6aR,9S)- Δ 10)	0.126	0.42	ND	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	ND
(6aR,9R)- Δ 10-Tetrahydrocannabinol ((6aR,9R)- Δ 10)	0.118	0.39	ND	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	19.31	193.07	1030.22
Δ 9-Tetrahydrocannabinol (Δ 9-THCH)	0.024	0.071	ND	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	ND
Δ 9-Tetrahydrocannabinol (Δ 9-THCP)	0.017	0.16	ND	ND	ND
Δ 8-Tetrahydrocannabinol (Δ 8-THCP)	0.041	0.16	ND	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND
Δ 8-THC-O-acetate (Δ 8-THCO)	0.076	0.16	ND	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	ND
Δ 9-THC-O-acetate (Δ 9-THCO)	0.066	0.16	ND	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	ND
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	ND
3-octyl- Δ 8-Tetrahydrocannabinol (Δ 8-THC-C8)	0.067	0.204	ND	ND	ND
Total THC (THCa * 0.877 + Δ 9THC)			16.33	163.30	857.32
Total THC + Δ 8THC + Δ 10THC (THCa * 0.877 + Δ 9THC + Δ 8THC + Δ 10THC)			16.33	163.30	857.32
Total CBD (CBDa * 0.877 + CBD)			3.55	35.49	189.40
Total CBG (CBGa * 0.877 + CBG)			0.40	3.99	21.29
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND
Total Cannabinoids Analyzed			20.28	202.82	1064.80

*Dry Weight %

HME - Heavy Metals Analysis

Analyzed Sep 26, 2024 | Instrument ICP/MSMS | Method SOP-005

Analyte	LOD ug/g	LOQ ug/g	Result ug/g	Limit ug/g
Arsenic (As)	0.0009	0.0027	0.06	1.5
Cadmium (Cd)	0.0005	0.0015	0.10	0.5
Mercury (Hg)	0.0058	0.0174	0.00	3
Lead (Pb)	0.0006	0.0018	0.07	0.5

MWA - Moisture Content & Water Activity Analysis

Analyzed Sep 27, 2024 | 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 a _w	0.85 a _w

UJ 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. L17-427-1

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Fri, 27 Sep 2024 13:22:58 -0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. L17-427-1

*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 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.



CANNABIS LABORATORY LIMS & ELN