

PharmLabs San Diego Certificate of Analysis



Sample **ASTRO8 - 2G - THCA - HH - BERRY BOREALIS**

Delta9 THC	0.18%	THCa	25.38%	Total THC (THCa * 0.877 + THC)	22.44%	Delta8 THC	ND
------------	-------	------	--------	--------------------------------	--------	------------	----

Sample ID	SD250822-093 (121838)	Matrix	Flower
Tested for	ASTRO8		
Sampled	-	Received	Aug 22, 2025
Analyses executed	CANX, MWA	Reported	Aug 25, 2025
		Unit Mass (g)	2.0

CANx - Cannabinoids

Analyzed Aug 22, 2025 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g	Result mg/Unit	Limit
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND	ND	
Cannabidiolcin (CBDO)	0.006	0.02	ND	ND	ND	
Abnormal Cannabidiolcin (a-CBDO)	0.013	0.038	ND	ND	ND	
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.015	0.045	ND	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.015	0.045	ND	ND	ND	
Cannabidiolic Acid (CBDA)	0.033	0.16	0.03	0.26	0.52	
Cannabigerol Acid (CBGA)	0.033	0.16	0.68	6.85	13.70	
Cannabigerol (CBG)	0.048	0.16	2.31	23.09	46.18	
Cannabidiol (CBD)	0.069	0.229	2.40	24.05	48.10	
1(S)-Tetrahydrocannabidiol (1(S)-H4-CBD)	0.008	0.026	ND	ND	ND	
1(R)-Tetrahydrocannabidiol (1(R)-H4-CBD)	0.016	0.049	ND	ND	ND	
Tetrahydrocannabivarin (THCV)	0.049	0.162	ND	ND	ND	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.012	0.036	ND	ND	ND	
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	ND	
Tetrahydrocannabutol (Δ9-THCB)	0.01	0.029	ND	ND	ND	
Cannabinol (CBN)	0.047	0.16	ND	ND	ND	
Cannabidiophorol (CBDP)	0.016	0.049	ND	ND	ND	
exo-THC (exo-THC)	0.016	0.8	ND	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.092	0.307	0.18	1.81	3.62	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.044	0.16	ND	ND	ND	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.8	ND	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.8	ND	ND	ND	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.8	ND	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.8	ND	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.117	0.389	25.38	253.79	507.58	
Δ9-Tetrahydrocannabihexol (Δ9-THCH)	0.02	0.061	ND	ND	ND	
Cannabinol Acetate (CBNO)	0.009	0.027	ND	ND	ND	
9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa)	0.063	0.065	ND	ND	ND	
9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa)	0.191	0.196	ND	ND	ND	
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.8	ND	ND	ND	
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.8	ND	ND	ND	
Cannabicitran (CBT)	0.005	0.16	ND	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.8	ND	ND	ND	
9(S)-HHCP (s-HHCP)	0.013	0.041	ND	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.8	ND	ND	ND	
9(R)-HHCP (r-HHCP)	0.015	0.045	ND	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.031	0.093	ND	ND	ND	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.021	0.062	ND	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			22.44	224.38	448.77	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			22.44	224.38	448.77	
Total CBD (CBDA * 0.877 + CBD)			2.43	24.28	48.56	
Total CBG (CBGa * 0.877 + CBG)			2.91	29.10	58.19	
Total HHC (9r-HHC + 9s-HHC)			ND	ND	ND	
Total Cannabinoids Analyzed			27.78	277.76	555.52	

*Dry Weight %

MWA - Moisture Content & Water Activity

Analyzed Aug 22, 2025 | 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	7.2 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.51 a _w	0.85 a _w

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
Mon, 25 Aug 2025 10:58:19 -0700

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.