

PharmLabs San Diego Certificate of Analysis



Sample **ASTRO 8 -HASH HOLE-2G-PR-2PCS-GALAXY SCOUT COOKIE**

Delta9 THC	0.27%	THCa	31.82%	Total THC (THCa * 0.877 + THC)	28.17%	Delta8 THC	ND
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Sample ID SD240730-041 (97166)	Matrix Flower (Inhalable Cannabis Good)
Tested for A8 Industries	
Sampled -	Received Mar 30, 2025
Analyses executed CANX, MWA	Reported Mar 31, 2025

CANx - Cannabinoids Analysis

Analyzed Jul 31, 2024 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.81% 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	
Cannabidiaricin (CBDO)	0.002	0.007	ND	ND	
Abnormal Cannabidiaricin (a-CBDO)	0.01	0.031	ND	ND	
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	0.18	1.81	
Cannabigerol Acid (CBGA)	0.001	0.16	2.22	22.17	
Cannabigerol (CBG)	0.001	0.16	0.21	2.14	
Cannabidiol (CBD)	0.001	0.16	0.04	0.41	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Cannabidiophorol (CBDP)	0.015	0.047	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.27	2.70	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	31.82	318.16	
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.024	0.071	ND	ND	
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	
Δ9-Tetrahydrocannabiphorol (Δ9-THCP)	0.017	0.16	ND	ND	
Δ8-Tetrahydrocannabiphorol (Δ8-THCP)	0.041	0.16	ND	ND	
Cannabicitran (CBT)	0.005	0.16	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			28.17	281.73	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			28.17	281.73	
Total CBD (CBDa * 0.877 + CBD)			0.20	2.00	
Total CBG (CBGa * 0.877 + CBG)			2.16	21.58	
Total HHC (9r-HHC + 9s-HHC)			ND	ND	
Total Cannabinoids Analyzed			30.53	305.31	

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 30, 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	7.5 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.53 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. L17-427-1



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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed,
31 Mar 2025 13:19:45 -0700



PharmLabs San Diego Certificate of Analysis



Sample **ASTRO 8 -HASH HOLE-2G-PR-2PCS-GREEN APPLE ASTEROID**

Delta9 THC	0.28%	THCa	29.72%	Total THC (THCa * 0.877 + THC)	26.34%	Delta8 THC	ND
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Sample ID SD240730-040 (97165)	Matrix Flower (Inhalable Cannabis Good)
Tested for A8 Industries	
Sampled -	Received Mar 30, 2025
Analyses executed CANX, MWA	Reported Mar 31, 2025

CANx - Cannabinoids Analysis

Analyzed Mar 31, 2025 | Instrument **HPLC-VWD** | Method **SOP-001** The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.81% 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 (CBDO)	0.002	0.007	ND	ND	
Abnormal Cannabidiol (a-CBDO)	0.01	0.031	ND	ND	
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	0.08	0.85	
Cannabigerol Acid (CBGA)	0.001	0.16	1.60	16.05	
Cannabigerol (CBG)	0.001	0.16	0.22	2.18	
Cannabidiol (CBD)	0.001	0.16	<LOQ	<LOQ	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	
Cannabidiol (CBDH)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THCB)	0.013	0.038	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Cannabidiophorol (CBDP)	0.015	0.047	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.28	2.77	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	29.72	297.22	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.024	0.071	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.014	0.043	ND	ND	
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.017	0.16	ND	ND	
Cannabinol Acetate (CBNO)	0.041	0.16	ND	ND	
Δ9-Tetrahydrocannabinol (Δ9-THCP)	0.005	0.16	ND	ND	
Δ8-Tetrahydrocannabinol (Δ8-THCP)	0.076	0.16	ND	ND	
Cannabicitran (CBT)	0.031	0.094	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.066	0.16	ND	ND	
9(S)-HHCP (s-HHCP)	0.026	0.079	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.005	0.16	ND	ND	
9(R)-HHCP (r-HHCP)	0.008	0.025	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.067	0.204	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)			26.34	263.43	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)			26.34	263.43	
Total THC (THCa * 0.877 + Δ9THC)			0.07	0.75	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			1.63	16.26	
Total CBD (CBDA * 0.877 + CBD)			ND	ND	
Total CBG (CBGa * 0.877 + CBG)			28.04	280.43	
Total HHC (9r-HHC + 9s-HHC)					
Total Cannabinoids Analyzed					

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 30, 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	7.4 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.52 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



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DEA license: RP0611043
ISO/IEC 17025:2017 Acc. L17-427-1



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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Wed, 31 Mar 2025 13:19:44 -0700



PharmLabs San Diego Certificate of Analysis



Sample **ASTRO 8 -HASH HOLE-2G-PR-2PCS-MIMOSA MOONDUST**

Delta9 THC	0.23%	THCa	31.21%	Total THC (THCa * 0.877 + THC)	27.60%	Delta8 THC	ND
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Sample ID SD240730-043 (97168)	Matrix Flower (Inhalable Cannabis Good)
Tested for A8 Industries	
Sampled -	Received Mar 30 , 2025
Analyses executed CANX, MWA	Reported Mar 31 , 2025

CANx - Cannabinoids Analysis

Analyzed Mar 31, 2025 | Instrument **HPLC-VWD** | Method **SOP-001** The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.81% 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	
Cannabidiarcin (CBDO)	0.002	0.007	ND	ND	
Abnormal Cannabidiarcin (a-CBDO)	0.01	0.031	ND	ND	
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	0.10	1.02	
Cannabigerol Acid (CBGA)	0.001	0.16	1.38	13.83	
Cannabigerol (CBG)	0.001	0.16	0.20	2.01	
Cannabidiol (CBD)	0.001	0.16	0.03	0.34	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	
Cannabidihexol (CBDH)	0.005	0.16	ND	ND	
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Cannabidiaphorol (CBDP)	0.015	0.047	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.23	2.27	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	31.21	312.12	
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.024	0.071	ND	ND	
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	
Δ9-Tetrahydrocannabinophorol (Δ9-THCP)	0.017	0.16	ND	ND	
Δ8-Tetrahydrocannabinophorol (Δ8-THCP)	0.041	0.16	ND	ND	
Cannabicitran (CBT)	0.005	0.16	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			27.60	276.00	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			27.60	276.00	
Total CBD (CBDA * 0.877 + CBD)			0.12	1.23	
Total CBG (CBGa * 0.877 + CBG)			1.41	14.14	
Total HHC (9r-HHC + 9s-HHC)			ND	ND	
Total Cannabinoids Analyzed			29.14	291.37	

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 30, 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	7.4 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.53 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



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DEA license: **RP0611043**
ISO/IEC 17025:2017 Acc. L17-427-1



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Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Wed, 31 Mar 2025 13:19:47 -0700





Sample **ASTRO 8 -HASH HOLE-2G-PR-2PCS-ROCKET RUNTZ**

Delta9 THC	0.29%	THCa	33.12%	Total THC (THCa * 0.877 + THC)	29.34%	Delta8 THC	ND
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Sample ID SD240730-042 (97167)	Matrix Flower (Inhalable Cannabis Good)
Tested for A8 Industries	
Sampled -	Received Mar 30 , 2025
Analyses executed CANX, MWA	Reported Mar 31 , 2025

CANx - Cannabinoids Analysis

Analyzed Mar 31, 2025 | Instrument **HPLC-VWD** | Method **SOP-001** The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.81% 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 (CBDO)	0.002	0.007	ND	ND	
Abnormal Cannabidiol (a-CBDO)	0.01	0.031	ND	ND	
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	0.19	1.87	
Cannabigerol Acid (CBGA)	0.001	0.16	1.46	14.64	
Cannabigerol (CBG)	0.001	0.16	0.21	2.10	
Cannabidiol (CBD)	0.001	0.16	0.06	0.59	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	
Cannabidiol (CBDH)	0.005	0.16	ND	ND	
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Cannabidiophorol (CBDP)	0.015	0.047	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.29	2.94	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	33.12	331.24	
Tetrahydrocannabinolic Acid (THCA)	0.024	0.071	ND	ND	
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.014	0.043	ND	ND	
Cannabinol Acetate (CBNO)	0.017	0.16	ND	ND	
Δ9-Tetrahydrocannabinol (Δ9-THCP)	0.041	0.16	ND	ND	
Δ8-Tetrahydrocannabinol (Δ8-THCP)	0.005	0.16	ND	ND	
Cannabicitran (CBT)	0.076	0.16	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.031	0.094	ND	ND	
9(S)-HHCP (s-HHCP)	0.066	0.16	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.026	0.079	ND	ND	
9(R)-HHCP (r-HHCP)	0.005	0.16	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.008	0.025	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.067	0.204	ND	ND	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)			29.34	293.44	
Total THC (THCa * 0.877 + Δ9THC)			29.34	293.44	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			0.22	2.23	
Total CBD (CBDA * 0.877 + CBD)			1.49	14.94	
Total CBG (CBGa * 0.877 + CBG)			ND	ND	
Total HHC (9r-HHC + 9s-HHC)			31.06	310.61	
Total Cannabinoids Analyzed					

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 30, 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	7.3 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.52 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. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed,
31 Mar 2025 13:19:46 -0700



PharmLabs San Diego Certificate of Analysis



Sample **ASTRO 8 -HASH HOLE-2G-PR-2PCS-SOLAR JACK**

Delta9 THC	0.28%	THCa	33.19%	Total THC (THCa * 0.877 + THC)	29.39%	Delta8 THC	ND
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Sample ID SD240730-039 (97164)	Matrix Flower (Inhalable Cannabis Good)
Tested for A8 Industries	
Sampled -	Received Mar 30 , 2025
Analyses executed CANX, MWA	Reported Mar 31 , 2025

CANx - Cannabinoids Analysis

Analyzed Mar 31, 2025 | Instrument **HPLC-VWD** | Method **SOP-001** The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.81% 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)	0.002	0.007	ND	ND	
Abnormal Cannabidiol (a-CBD)	0.01	0.031	ND	ND	
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND	
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND	
Cannabidiolic Acid (CBDA)	0.001	0.16	0.13	1.31	
Cannabigerol Acid (CBGA)	0.001	0.16	1.44	14.41	
Cannabigerol (CBG)	0.001	0.16	0.17	1.71	
Cannabidiol (CBD)	0.001	0.16	<LOQ	<LOQ	
1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)	0.013	0.041	ND	ND	
1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)	0.025	0.075	ND	ND	
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND	
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND	
Cannabidiol (CBDH)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THCB)	0.013	0.038	ND	ND	
Cannabinol (CBN)	0.001	0.16	ND	ND	
Cannabidiophorol (CBDP)	0.015	0.047	ND	ND	
exo-THC (exo-THC)	0.005	0.16	ND	ND	
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.28	2.82	
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND	
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND	
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND	
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND	
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND	
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	33.19	331.93	
Δ9-Tetrahydrocannabinol (Δ9-THCH)	0.024	0.071	ND	ND	
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND	
Δ9-Tetrahydrocannabinol (Δ9-THCP)	0.017	0.16	ND	ND	
Δ8-Tetrahydrocannabinol (Δ8-THCP)	0.041	0.16	ND	ND	
Cannabicitran (CBT)	0.005	0.16	ND	ND	
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND	
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND	
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND	
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND	
9(S)-HHC-O-acetate (s-HHCO)	0.005	0.16	ND	ND	
9(R)-HHC-O-acetate (r-HHCO)	0.008	0.025	ND	ND	
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND	
Total THC (THCa * 0.877 + Δ9THC)			29.39	293.92	
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			29.39	293.92	
Total CBD (CBDA * 0.877 + CBD)			0.11	1.15	
Total CBG (CBGa * 0.877 + CBG)			1.43	14.35	
Total HHC (9r-HHC + 9s-HHC)			ND	ND	
Total Cannabinoids Analyzed			30.94	309.42	

*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 30, 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	7.3 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.52 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. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Wed,
31 Mar 2025 13:19:43 -0700



PharmLabs San Diego Certificate of Analysis



Sample **ASTRO 8 - HASH HOLE-2G-PR-2PCS - WATERMELON WORMHOLE**

Delta9 THC	0.06%	THCa	33.24%	Total THC (THCa * 0.877 + THC)	29.21%	Delta8 THC	ND
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Sample ID SD240725-044 (96939)	Matrix Flower (Inhalable Cannabis Good)
Tested for A8 Industries	
Sampled -	Received Mar 25, 2025
Analyses executed CANX, MWA	Reported Mar 26, 2025

CANx - Cannabinoids Analysis

Analyzed Mar 26, 2025 | Instrument **HPLC-VWD** | Method **SOP-001** The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.81% at the 95% Confidence Level

Analyte	LOD mg/g	LOQ mg/g	Result %	Result mg/g
11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)	0.013	0.041	ND	ND
Cannabidiarcin (CBDO)	0.002	0.007	ND	ND
Abnormal Cannabidiarcin (a-CBDO)	0.01	0.031	ND	ND
(+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)	0.012	0.036	ND	ND
11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)	0.007	0.021	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	ND	ND
Cannabigerol Acid (CBGA)	0.001	0.16	1.09	10.90
Cannabigerol (CBG)	0.001	0.16	0.24	2.45
Cannabidiol (CBD)	0.001	0.16	ND	ND
1(S)-Tetrahydrocannabidiol (1(S)-H4-CBD)	0.013	0.041	ND	ND
1(R)-Tetrahydrocannabidiol (1(R)-H4-CBD)	0.025	0.075	ND	ND
Tetrahydrocannabivarin (THCV)	0.001	0.16	ND	ND
Δ8-tetrahydrocannabivarin (Δ8-THCV)	0.021	0.064	ND	ND
Cannabidihexol (CBDH)	0.005	0.16	ND	ND
Tetrahydrocannabutol (Δ9-THCB)	0.013	0.038	ND	ND
Cannabinol (CBN)	0.001	0.16	ND	ND
Cannabidiophorol (CBDP)	0.015	0.047	ND	ND
exo-THC (exo-THC)	0.005	0.16	ND	ND
Tetrahydrocannabinol (Δ9-THC)	0.003	0.16	0.06	0.59
Δ8-tetrahydrocannabinol (Δ8-THC)	0.004	0.16	ND	ND
(6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)	0.015	0.16	ND	ND
Hexahydrocannabinol (S Isomer) (9s-HHC)	0.017	0.16	ND	ND
(6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)	0.007	0.16	ND	ND
Hexahydrocannabinol (R Isomer) (9r-HHC)	0.016	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	33.24	332.40
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.024	0.071	ND	ND
Cannabinol Acetate (CBNO)	0.014	0.043	ND	ND
Δ9-Tetrahydrocannabinol (Δ9-THC)	0.017	0.16	ND	ND
Δ8-Tetrahydrocannabinol (Δ8-THC)	0.041	0.16	ND	ND
Cannabicitran (CBT)	0.005	0.16	ND	ND
Δ8-THC-O-acetate (Δ8-THCO)	0.076	0.16	ND	ND
9(S)-HHCP (s-HHCP)	0.031	0.094	ND	ND
Δ9-THC-O-acetate (Δ9-THCO)	0.066	0.16	ND	ND
9(R)-HHCP (r-HHCP)	0.026	0.079	ND	ND
9(S)-HHCP-O-acetate (s-HHCO)	0.005	0.16	ND	ND
9(R)-HHCP-O-acetate (r-HHCO)	0.008	0.025	ND	ND
3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)	0.067	0.204	ND	ND
Total THC (THCa * 0.877 + Δ9THC)			29.21	292.10
Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC)			29.21	292.10
Total CBD (CBDA * 0.877 + CBD)			ND	ND
Total CBG (CBGa * 0.877 + CBG)			1.20	12.01
Total HHC (9r-HHC + 9s-HHC)			ND	ND
Total Cannabinoids Analyzed			30.41	304.11



*Dry Weight %

MWA - Moisture Content & Water Activity Analysis

Analyzed Mar 25, 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	7.3 % Mw	13 % Mw	Water Activity (WA)	0.03	0.03	0.52 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



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DEA license: **RP0611043**
ISO/IEC 17025:2017 Acc. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager Fri,
26 Mar 2025 12:08:22 -0700



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