

PharmLabs San Diego Certificate of Analysis



Sample STNR Double D's Master Kush

Delta9 THC 0.28% | THCa 19.14% | Total THC (THCa * 0.877 + THC) 16.25% | Delta8 THC ND

Sample ID SD240925-029 (99729) Matrix Flower
Tested for Top Shelf Hemp Co
Sampled - Received Sep 25, 2024 Reported Sep 27, 2024
Analyses executed CANX, HME, MWA Unit Mass (g) 5.262

CANx - Cannabinoids Analysis

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

Table with columns: Analyte, LOD mg/g, LOQ mg/g, Result %, Result mg/g, Result mg/Unit. Lists various cannabinoids like 11-Hydroxy-Delta-8-Tetrahydrocannabinol, Cannabidiol, etc.

*Dry Weight %

HME - Heavy Metals Analysis

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

Table with columns: Analyte, LOD ug/g, LOQ ug/g, Result ug/g, Limit ug/g. Lists Arsenic (As), Cadmium (Cd), Mercury (Hg), Lead (Pb).

MWA - Moisture Content & Water Activity Analysis

Analyzed Sep 27, 2024 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

Table with columns: Analyte, LOD %, LOQ %, Result, Limit, Analyte, LOD %, LOQ %, Result, Limit. Shows Moisture (Moi) at 7.3 % Mw and Water Activity (WA) at 0.52 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: C8-000098-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 13:23:00 -0700

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

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PharmLabs San Diego Certificate of Analysis



Sample STNR Double D's Rainbow Belts

| | | | |
|------------------|-------------|---------------------------------------|---------------|
| Delta9 THC 0.29% | THCa 17.92% | Total THC (THCa * 0.877 + THC) 16.26% | Delta8 THC ND |
|------------------|-------------|---------------------------------------|---------------|

| | |
|----------------------------------|-----------------------|
| Sample ID SD240925-028 (93973) | 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) 5.25 |

CANx - Cannabinoids Analysis

Analyzed Sep 27, 2024 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately ±.81% at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Result mg/Unit |
|--|----------|----------|----------|-------------|----------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-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-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC) | 0.007 | 0.021 | ND | ND | ND |
| Cannabidiolic Acid (CBDA) | 0.001 | 0.16 | 2.97 | 29.73 | 156.08 |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | 0.32 | 3.22 | 16.90 |
| Cannabigerol (CBG) | 0.001 | 0.16 | 0.10 | 0.98 | 5.14 |
| Cannabidiol (CBD) | 0.001 | 0.16 | 0.80 | 7.96 | 41.79 |
| 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 |
| Δ8-tetrahydrocannabinol (Δ8-THCV) | 0.021 | 0.064 | ND | ND | ND |
| Cannabidiol (CBDH) | 0.005 | 0.16 | ND | ND | ND |
| Tetrahydrocannabinol (Δ9-THCB) | 0.013 | 0.038 | ND | ND | ND |
| Cannabinol (CBN) | 0.001 | 0.16 | ND | ND | ND |
| Cannabiphorol (CBDP) | 0.015 | 0.047 | ND | ND | ND |
| exo-THC (exo-THC) | 0.005 | 0.16 | ND | ND | ND |
| Tetrahydrocannabinol (Δ9-THC) | 0.003 | 0.16 | 0.29 | 2.98 | 29.87 |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.004 | 0.16 | ND | ND | ND |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.126 | 0.42 | ND | ND | ND |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 | ND | ND | ND |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 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 | 17.92 | 179.19 | 940.75 |
| Δ9-Tetrahydrocannabinol (Δ9-THCH) | 0.024 | 0.071 | ND | ND | ND |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 | ND | ND | ND |
| Δ9-Tetrahydrocannabinol (Δ9-THCP) | 0.017 | 0.16 | ND | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THCP) | 0.041 | 0.16 | ND | ND | ND |
| Cannabicitran (CBT) | 0.005 | 0.16 | ND | ND | ND |
| Δ8-THC-O-acetate (Δ8-THCO) | 0.076 | 0.16 | ND | ND | ND |
| 9(S)-HHCP (s-HHCP) | 0.031 | 0.094 | ND | ND | ND |
| Δ9-THC-O-acetate (Δ9-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-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) | 0.067 | 0.204 | ND | ND | ND |
| Total THC (THCa * 0.877 + Δ9THC) | | | 16.26 | 162.60 | 853.65 |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) | | | 16.26 | 162.60 | 853.65 |
| Total CBD (CBDA * 0.877 + CBD) | | | 3.40 | 34.03 | 178.67 |
| Total CBG (CBGA * 0.877 + CBG) | | | 0.38 | 3.80 | 19.97 |
| Total HHC (9r-HHC + 9s-HHC) | | | ND | ND | ND |
| Total Cannabinoids Analyzed | | | 21.00 | 210.07 | 1052.29 |

*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 | 0.08 | 1.5 |
| Cadmium (Cd) | 0.0005 | 0.0015 | 0.12 | 0.5 |
| Mercury (Hg) | 0.0058 | 0.0174 | ND | 3 |
| Lead (Pb) | 0.0006 | 0.0018 | 0.10 | 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 (Mo) | 0.0 | 0.0 | 7.8 % Mw | 13 % Mw | Water Activity (WA) | 0.03 | 0.03 | 0.55 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. L17-427-1

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Fri, 27 Sep 2024 15:23:01 -0700

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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-Tetrahydrocannabivarin (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 |
| Tetrahydrocannabivarin (THCV) | 0.001 | 0.16 | ND | ND | ND |
| Δ 8-tetrahydrocannabivarin (Δ 8-THCV) | 0.021 | 0.064 | ND | ND | ND |
| Cannabidiol (CBDH) | 0.005 | 0.16 | ND | ND | ND |
| Tetrahydrocannabutol (Δ 9-THCB) | 0.013 | 0.038 | ND | ND | ND |
| Cannabinol (CBN) | 0.001 | 0.16 | ND | ND | ND |
| Cannabidiphorol (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-Tetrahydrocannabihexol (Δ 9-THCH) | 0.024 | 0.071 | ND | ND | ND |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 | ND | ND | ND |
| Δ 9-Tetrahydrocannabiphorol (Δ 9-THCP) | 0.017 | 0.16 | ND | ND | ND |
| Δ 8-Tetrahydrocannabiphorol (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



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
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