

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC
 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **Spearmint Twist - Balanced Blend**

| | | | |
|-------------------|-----------------------|----------|---------------------------------------|
| Sample ID | SD23 0615-023 (79765) | Matrix | Concentrate (Inhalable Cannabis Good) |
| Tested for | High Roller LLC | Received | Jun 14, 2023 |
| Sampled | - | Reported | Jun 20, 2023 |
| Analyses executed | CANX | | |

Laboratory note: The estimated concentration of the unknown peak in the sample is 4.26%. Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated bio products) from which we believe to be either (+)-8-THC or d9-THC. At this time there are no reference standards available for (+)-8-THC. (+)-8-THC is a different compound from the main (-)-8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-8-THC and d9-THC with the majority, if not all, of the concentration being (+)-8-THC. Total (+/-)-8-THC concentration is estimated to be: 51.53%

CANX - Cannabinoids Analysis

Analyzed Jun 20, 2023 | Instrument HPLC-VWD | Method
 The expanded Uncertainty of the Cannabinoid analysis is approximately ± 8.06% at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|--|----------|----------|----------|-------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV) | 0.015 | 0.041 | ND | ND |
| Cannabidiol (CBDO) | 0.002 | 0.007 | ND | ND |
| Abnormal Cannabidiol (α-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 | ND | ND |
| Cannabigerol (CBG) | 0.001 | 0.16 | ND | ND |
| Cannabidiol (CBD) | 0.001 | 0.16 | ND | ND |
| 1(S)-THD (s-THD) | 0.015 | 0.41 | ND | ND |
| 1(R)-THD (r-THD) | 0.025 | 0.75 | ND | ND |
| Tetrahydrocannabinol (THCV) | 0.001 | 0.16 | ND | ND |
| Δ8-tetrahydrocannabinol (Δ8-THCV) | 0.021 | 0.064 | ND | ND |
| Cannabihexol (CBDH) | 0.005 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THCB) | 0.015 | 0.038 | ND | ND |
| Cannabinol (CBN) | 0.001 | 0.16 | 0.25 | 2.45 |
| Cannabiphorol (CBDP) | 0.015 | 0.47 | ND | ND |
| exo-THC (exo-THC) | 0.005 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THC) | 0.003 | 0.16 | UI | UI |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.004 | 0.16 | 51.53 | 515.30 |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.015 | 0.16 | ND | ND |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 | 16.05 | 160.53 |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.007 | 0.16 | ND | ND |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.16 | 33.32 | 333.21 |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | ND | ND |
| Δ9-Tetrahydrocannabinol (Δ9-THCH) | 0.024 | 0.071 | ND | ND |
| Cannabinol Acetate (CBNO) | 0.014 | 0.43 | ND | ND |
| Δ9-Tetrahydrocannabinol (Δ9-THCP) | 0.017 | 0.16 | 6.5 | 6.54 |
| Δ8-Tetrahydrocannabinol (Δ8-THCP) | 0.041 | 0.16 | ND | ND |
| Cannabicitran (CBT) | 0.003 | 0.16 | ND | ND |
| Δ8-THC-O-acetate (Δ8-THCO) | 0.076 | 0.16 | ND | ND |
| 9(S)-HHC-P (s-HHCP) | 0.031 | 0.094 | ND | ND |
| Δ9-THC-O-acetate (Δ9-THCO) | 0.066 | 0.16 | ND | ND |
| 9(R)-HHC-P (r-HHCP) | 0.026 | 0.079 | ND | ND |
| 9(S)-HHC-O-acetate (s-HHCO) | 0.005 | 0.16 | ND | ND |
| 3-acetyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) | 0.067 | 0.204 | ND | ND |
| Δ9-THC methyl ether (Δ9-MeO-THC) | | | ND | ND |
| Total THC (THCA * 0.877 + Δ9THC) | | | ND | ND |
| Total THC + Δ8THC + Δ10THC (THCA * 0.877 + Δ9THC + Δ8THC + Δ10THC) | | | 51.53 | 515.30 |
| Total CBD (CBDA * 0.877 + CBD) | | | ND | ND |
| Total CBG (CBGA * 0.877 + CBG) | | | ND | ND |
| Total HHC (9s-HHC + 9r-HHC) | | | 54.37 | 543.74 |
| Total Cannabinoids | | | 106.80 | 1068.03 |

Sample photography



UI Not Identified
 ND Not Detected
 N/A Not Applicable
 NT Not Reported
 LOD Limit of Detection
 LOQ Limit of Quantification
 <LOQ Detected
 >UOOL Above upper limit of linearity
 CFU/g Colony Forming Units per 1 gram
 TNTC Too Numerous to Count



Scan the QR code to verify authenticity

Authorized Signature

Brandon Stahl

Brandon Stahl, Lab Manager
 Tue, 20 Jun 2023 11:25:51 -0700

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



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