

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 **Half Bak'd Ghost Train Haze 3mL**

| | |
|--|---|
| Sample ID SD230126-076 (60667) | Matrix Concentrate (Inhalable Cannabis Good) |
| Tested for Fresh Farms E-Liquid LLC | |
| Sampled - | Received Jan 26, 2023 |
| Analyses executed CANX | Reported Jan 27, 2023 |
| Unit Volume (mL) 3.0 | Density (g/mL) 1.0 |

Laboratory note: The estimated concentration of the unknown peak in the sample is 98.60 mg/mL. Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 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 d8-THC is estimated to be 76.14 mg/mL.

CANX - Cannabinoids Analysis

Analyzed **Jan 27, 2023** | Instrument **HLPC**
 Measurement Uncertainty at 95% confidence **7.806%**

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/mL | Result mg/Unit | Sample photography |
|--|----------|----------|----------|--------------|----------------|--------------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinarin (11-Hyd-Δ8-THCV) | 0.013 | 0.041 | ND | ND | ND | |
| Cannabidiaricin (CBDO) | 0.002 | 0.007 | ND | ND | ND | |
| Abnormal Cannabidiaricin (a-CBDO) | 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 | ND | ND | ND | |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | ND | ND | ND | |
| Cannabigerol (CBG) | 0.001 | 0.16 | ND | ND | ND | |
| Cannabidiol (CBD) | 0.001 | 0.16 | ND | ND | ND | |
| 1(S)-THD (s-THD) | 0.013 | 0.041 | ND | ND | ND | |
| 1(R)-THD (r-THD) | 0.025 | 0.075 | ND | ND | ND | |
| Tetrahydrocannabinarin (THCV) | 0.001 | 0.16 | ND | ND | ND | |
| Δ8-tetrahydrocannabinarin (Δ8-THCV) | 0.021 | 0.064 | ND | ND | ND | |
| Cannabidihexol (CBDH) | 0.005 | 0.16 | ND | ND | ND | |
| Tetrahydrocannabinutol (Δ9-THCB) | 0.013 | 0.038 | ND | ND | ND | |
| Cannabinol (CBN) | 0.001 | 0.16 | 0.19 | 1.86 | 5.59 | |
| Cannabidiphoral (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 | UI | UI | UI | |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.004 | 0.16 | 76.41 | 764.14 | 2292.43 | |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.015 | 0.16 | ND | ND | ND | |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 | ND | ND | ND | |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.007 | 0.16 | ND | ND | ND | |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.16 | ND | ND | ND | |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | ND | ND | ND | |
| Δ9-Tetrahydrocannabinolhexol (Δ9-THCH) | 0.024 | 0.071 | ND | ND | ND | |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 | ND | ND | ND | |
| Δ9-Tetrahydrocannabinophoral (Δ9-THCP) | 0.017 | 0.16 | ND | ND | ND | |
| Δ8-Tetrahydrocannabinophoral (Δ8-THCP) | 0.041 | 0.16 | 0.88 | 8.78 | 26.33 | |
| 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 | |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) | 0.067 | 0.204 | ND | ND | ND | |
| Δ9-THC methyl ether (Δ9-MeO-THC) | | | NT | NT | NT | |
| Total THC (THCa * 0.877 + Δ9THC) | | | ND | ND | ND | |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) | | | 76.41 | 764.14 | 2292.43 | |
| Total CBD (CBDa * 0.877 + CBD) | | | ND | ND | ND | |
| Total CBG (CBGa * 0.877 + CBG) | | | ND | ND | ND | |
| Total HHC (9r-HHC + 9s-HHC) | | | ND | ND | ND | |
| Total Cannabinoids | | | 77.48 | 774.78 | 2324.35 | |



UI Not Identified
 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



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Fri, 27 Jan 2023 15:37:17 -0800

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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