

PharmLabs San Diego Certificate of Analysis

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 ISO/IEC 17025:2017 Accredited L17-427-1 #85368



Sample **D-10 Ekto Kooler 1 Gram Cartridge**

|                                       |   |
|---------------------------------------|---|
| Sample ID <b>SD230809-060 (82559)</b> | Matrix <b>Concentrate (Inhalable Cannabis Good)</b> |
| Tested for <b>50 Shades of Green</b>  |   |
| Sampled <b>-</b>                      | Received <b>Aug 09, 2023</b>                        |
| Analyses executed <b>CANX</b>         | Reported <b>Aug 15, 2023</b>                        |

**Laboratory note:** The estimated concentration of the unknown peak in the sample is 10.44% | 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 (+)- $\delta^8$ -THC or  $\delta^9$ -THC. At this time there are no reference standards available for (+)- $\delta^8$ -THC. (+)- $\delta^8$ -THC is a different compound from the main (-)- $\delta^8$ -THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)- $\delta^8$ -THC and  $\delta^9$ -THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)- $\delta^8$ -THC and  $\delta^9$ -THC with the majority, if not all, of the concentration being (+)- $\delta^8$ -THC. Total (+/-)  $\delta^8$  Concentration is estimated to be: 42.47%

**CANX - Cannabinoids Analysis**

Analyzed **Aug 15, 2023** | Instrument **HPLC-VWD** | Method  
 The expanded Uncertainty of the Cannabinoid analysis is approximately **±7.806%** at the 95% Confidence Level

| Analyte   | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|----------|----------|----------|-------------|
| 11-Hydroxy- $\Delta^8$ -Tetrahydrocannabinarin (11-Hyd- $\Delta^8$ -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- $\Delta^8$ -Tetrahydrocannabinol (11-Hyd- $\Delta^8$ -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          |
| (S)-THD (s-THD)   | 0.013    | 0.041    | ND       | ND          |
| (R)-THD (r-THD)   | 0.025    | 0.075    | ND       | ND          |
| Tetrahydrocannabinarin (THCV)   | 0.001    | 0.16     | ND       | ND          |
| $\Delta^8$ -tetrahydrocannabinarin ( $\Delta^8$ -THCV)  | 0.021    | 0.064    | ND       | ND          |
| Cannabidihexol (CBDH)   | 0.005    | 0.16     | ND       | ND          |
| Tetrahydrocannabinol ( $\Delta^9$ -THCB)  | 0.013    | 0.038    | ND       | ND          |
| Cannabinol (CBN)  | 0.001    | 0.16     | 7.78     | 7.85        |
| Cannabidiphoral (CBDP)  | 0.015    | 0.047    | ND       | ND          |
| exo-THC (exo-THC)   | 0.005    | 0.16     | ND       | ND          |
| Tetrahydrocannabinol ( $\Delta^9$ -THC)   | 0.003    | 0.16     | UI       | UI          |
| $\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)   | 0.004    | 0.16     | 42.47    | 424.70      |
| (6aR,9S)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^{10}$ )  | 0.015    | 0.16     | 2.82     | 28.19       |
| Hexahydrocannabinol (S Isomer) (9s-HHC)   | 0.017    | 0.16     | ND       | ND          |
| (6aR,9R)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^{10}$ )  | 0.007    | 0.16     | 22.58    | 225.81      |
| Hexahydrocannabinol (R Isomer) (9r-HHC)   | 0.016    | 0.16     | ND       | ND          |
| Tetrahydrocannabinolic Acid (THCA)  | 0.001    | 0.16     | ND       | ND          |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THCH)  | 0.024    | 0.071    | ND       | ND          |
| Cannabinol Acetate (CBNO)   | 0.014    | 0.043    | ND       | ND          |
| $\Delta^9$ -Tetrahydrocannabinophoral ( $\Delta^9$ -THCP)   | 0.017    | 0.16     | ND       | ND          |
| $\Delta^8$ -Tetrahydrocannabinophoral ( $\Delta^8$ -THCP)   | 0.041    | 0.16     | ND       | ND          |
| Cannabicitran (CBT)   | 0.005    | 0.16     | ND       | ND          |
| $\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THCO)   | 0.076    | 0.16     | ND       | ND          |
| 9(S)-HHCP (s-HHCP)  | 0.031    | 0.094    | ND       | ND          |
| $\Delta^9$ -THC-O-acetate ( $\Delta^9$ -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- $\Delta^8$ -Tetrahydrocannabinol ( $\Delta^8$ -THC-C8)   | 0.067    | 0.204    | ND       | ND          |
| Total THC ( THCa * 0.877 + $\Delta^9$ THC )   |          |          | ND       | ND          |
| Total THC + $\Delta^8$ THC + $\Delta^{10}$ THC ( THCa * 0.877 + $\Delta^9$ THC + $\Delta^8$ THC + $\Delta^{10}$ THC ) |          |          | 67.87    | 678.70      |
| Total CBD ( CBDa * 0.877 + CBD )  |          |          | ND       | ND          |
| Total CBG ( CBGa * 0.877 + CBG )  |          |          | ND       | ND          |
| Total HHC ( 9r-HHC + 9s-HHC )   |          |          | ND       | ND          |
| Total Cannabinoids  |          |          | 68.66    | 686.55      |

Sample photography



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



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
 Tue, 15 Aug 2023 12:58:22 -0700

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