

PharmLabs San Diego Certificate of Analysis

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



Sample **HHC Blunt**

|                   |                      |          |                                  |
|-------------------|----------------------|----------|----------------------------------|
| Sample ID         | SD230124-051 (60478) | Matrix   | Flower (Inhalable Cannabis Good) |
| Tested for        | CBD Axis             |          |                                  |
| Sampled           | -                    | Received | Jan 24, 2023                     |
| Analyses executed | CANX, MWA            | Reported | Jan 26, 2023                     |

**Laboratory note:** The estimated concentration of the unknown peak in the sample is 0.36% | 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 (+)-THC or d9-THC. At this time there are no reference standards available for (+)-THC. (+)-THC is a different compound from the main (-)-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-THC and d9-THC with the majority, if not all, of the concentration being (+)-THC. Total (+/-) D8 Concentration is estimated to be: 0.78%

**CANX - Cannabinoids Analysis**

Analyzed Jan 26, 2023 | 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   |
|-----------------------------------------------------------------------------|----------|----------|--------------|---------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)                         | 0.013    | 0.041    | ND           | ND            |
| Cannabidiol (CBD)                                                           | 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     | 0.21         | 2.11          |
| Cannabigerol Acid (CBGA)                                                    | 0.001    | 0.16     | 7.50         | 74.96         |
| Cannabigerol (CBG)                                                          | 0.001    | 0.16     | 0.50         | 4.98          |
| Cannabidiol (CBD)                                                           | 0.001    | 0.16     | 6.68         | 66.82         |
| 1(S)-THD (s-THD)                                                            | 0.013    | 0.041    | ND           | ND            |
| 1(R)-THD (r-THD)                                                            | 0.025    | 0.075    | ND           | ND            |
| Tetrahydrocannabinol (THCV)                                                 | 0.001    | 0.16     | ND           | ND            |
| Δ8-tetrahydrocannabinol (Δ8-THCV)                                           | 0.021    | 0.064    | ND           | ND            |
| Cannabidihexol (CBDH)                                                       | 0.005    | 0.16     | ND           | ND            |
| Tetrahydrocannabinol (Δ9-THCB)                                              | 0.013    | 0.038    | ND           | ND            |
| Cannabinol (CBN)                                                            | 0.001    | 0.16     | 0.13         | 1.26          |
| Cannabidiphoral (CBDP)                                                      | 0.015    | 0.047    | 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     | 0.78         | 7.84          |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)                            | 0.015    | 0.16     | ND           | ND            |
| Hexahydrocannabinol (S Isomer) (9s-HHC)                                     | 0.017    | 0.16     | 9.25         | 92.45         |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)                            | 0.007    | 0.16     | ND           | ND            |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                                     | 0.016    | 0.16     | 19.21        | 192.12        |
| Tetrahydrocannabinolic Acid (THCA)                                          | 0.001    | 0.16     | 0.93         | 9.26          |
| 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            |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)                                 | 0.067    | 0.204    | ND           | ND            |
| <b>Total THC ( THCa * 0.877 + Δ9THC )</b>                                   |          |          | <b>0.81</b>  | <b>8.12</b>   |
| <b>Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC )</b> |          |          | <b>1.60</b>  | <b>15.95</b>  |
| <b>Total CBD ( CBDA * 0.877 + CBD )</b>                                     |          |          | <b>6.87</b>  | <b>68.67</b>  |
| <b>Total CBG ( CBGa * 0.877 + CBG )</b>                                     |          |          | <b>7.07</b>  | <b>70.72</b>  |
| <b>Total HHC ( 9r-HHC + 9s-HHC )</b>                                        |          |          | <b>28.46</b> | <b>284.58</b> |
| <b>Total Cannabinoids</b>                                                   |          |          | <b>44.12</b> | <b>441.18</b> |

\*Dry Weight %

**MWA - Moisture Content & Water Activity Analysis**

Analyzed Jan 24, 2023 | 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   | 7.9 % Mw | 13 % Mw | Water Activity (WA) | 0.03  | 0.03  | 0.55 a <sub>w</sub> | 0.85 a <sub>w</sub> |

UI Unidentified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
 <LOQ Detected  
 >LOL 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  
 Thu, 26 Jan 2023 13:39:56 -0800

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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