

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 **D8 Flower - Gorilla Glue**

|                   |                        |          |                                  |
|-------------------|------------------------|----------|----------------------------------|
| Sample ID         | SD230119-117 (59562)   | Matrix   | Flower (Inhalable Cannabis Good) |
| Tested for        | Crystal Creek Organics |          |                                  |
| Sampled           | -                      | Received | Jan 19, 2023                     |
|                   |                        | Reported | Jan 20, 2023                     |
| Analyses executed | CAN+, MWA              |          |                                  |

**Laboratory note:** The estimated concentration of the unknown peak in the sample is 1.30% | 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: 11.14%

**\*CAN+ - Cannabinoids Analysis**

Analyzed Jan 20, 2023 | Instrument HPLC-VWD | Method SOP-001  
 Measurement Uncertainty at 95% confidence 7.806%

| Analyte  | LOD mg/g | LOQ mg/g | Result %     | Result mg/g   |
|--|----------|----------|--------------|---------------|
| Cannabidiol (CBD)  | 0.039    | 0.16     | ND           | ND            |
| Cannabidiolic Acid (CBDA)  | 0.001    | 0.16     | 8.74         | 87.43         |
| Cannabigerol Acid (CBGA)   | 0.001    | 0.16     | 2.32         | 23.22         |
| Cannabigerol (CBG)   | 0.001    | 0.16     | 0.17         | 1.69          |
| Cannabidiol (CBD)  | 0.001    | 0.16     | 1.88         | 18.78         |
| Tetrahydrocannabivarin (THCV)  | 0.001    | 0.16     | ND           | ND            |
| Cannabinol (CBN)   | 0.001    | 0.16     | <LOQ         | <LOQ          |
| Tetrahydrocannabinol ( $\Delta^9$ -THC)  | 0.003    | 0.16     | UI           | UI            |
| $\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)  | 0.004    | 0.16     | 11.14        | 111.39        |
| Cannabicyclol (CBL)  | 0.002    | 0.16     | ND           | ND            |
| Cannabichromene (CBC)  | 0.002    | 0.16     | 0.19         | 1.94          |
| Tetrahydrocannabinolic Acid (THCA)   | 0.001    | 0.16     | 0.23         | 2.34          |
| <b>Total THC ( THCa * 0.877 + <math>\Delta^9</math>THC )</b>   |          |          | <b>0.21</b>  | <b>2.05</b>   |
| <b>Total THC + <math>\Delta^8</math>THC ( THCa * 0.877 + <math>\Delta^9</math>THC + <math>\Delta^8</math>THC )</b> |          |          | <b>11.34</b> | <b>113.44</b> |
| <b>Total CBD ( CBDA * 0.877 + CBD )</b>  |          |          | <b>9.55</b>  | <b>95.46</b>  |
| <b>Total CBG ( CBGA * 0.877 + CBG )</b>  |          |          | <b>2.21</b>  | <b>22.05</b>  |
| <b>Total Cannabinoids</b>  |          |          | <b>23.29</b> | <b>232.89</b> |

\*Dry Weight %

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

Analyzed Jan 20, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

| Analyte        | Result   | Limit   | Analyte             | Result              | Limit               |
|----------------|----------|---------|---------------------|---------------------|---------------------|
| Moisture (Moi) | 7.8 % Mw | 13 % Mw | Water Activity (WA) | 0.52 a <sub>w</sub> | 0.85 a <sub>w</sub> |

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, 20 Jan 2023 11:21:39 -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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