

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 **D8 Royal OG**

Sample ID <b>SD231121-001 (71063)</b>	Matrix <b>Flower (Inhalable Cannabis Good)</b>
Tested for <b>Fern Valley Farms</b>	
Sampled <b>-</b>	Received <b>Nov 20, 2023</b>
	Reported <b>Dec 01, 2023</b>
Analyses executed <b>CAN+, MWA</b>	

Laboratory note: The estimated concentration of the unknown peak in this sample is 4.74%. Currently, PharmLabs laboratory can not confirm the unidentified peak in your chromatogram due to an interference (only with concentrated d8 products) from which we believe to be an isomer of  $\delta^8$ -THC or  $\delta^9$ -THC. The UI peak totals will not be included in the cannabinoid totals at the bottom of the potency section.

\* **CAN+ - Cannabinoids Analysis**

Analyzed **Dec 01, 2023** | Instrument **HPLC-VWD** | Method **SOP-001**  
 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
Cannabidiol (CBD)	0.039	0.16	ND	ND
Cannabidiolic Acid (CBDA)	0.001	0.16	<b>11.46</b>	<b>114.63</b>
Cannabigerol Acid (CBGA)	0.001	0.16	<b>0.30</b>	<b>2.96</b>
Cannabigerol (CBG)	0.001	0.16	ND	ND
Cannabidiol (CBD)	0.001	0.16	<b>0.59</b>	<b>5.91</b>
Tetrahydrocannabinol (THCV)	0.001	0.16	ND	ND
Cannabinol (CBN)	0.001	0.16	<b>0.10</b>	<b>1.03</b>
Tetrahydrocannabinol ( $\Delta^9$ -THC)	0.003	0.16	UI	UI
$\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)	0.004	0.16	<b>23.89</b>	<b>238.91</b>
Cannabicyclol (CBL)	0.002	0.16	ND	ND
Cannabichromene (CBC)	0.002	0.16	ND	ND
Tetrahydrocannabinolic Acid (THCA)	0.001	0.16	<b>0.44</b>	<b>4.35</b>
Total THC ( THCa * 0.877 + $\Delta^9$ THC )			<b>0.38</b>	<b>3.81</b>
Total THC + $\Delta^8$ THC ( THCa * 0.877 + $\Delta^9$ THC + $\Delta^8$ THC )			<b>24.27</b>	<b>242.72</b>
Total CBD ( CBDA * 0.877 + CBD )			<b>10.64</b>	<b>106.44</b>
Total CBG ( CBGA * 0.877 + CBG )			<b>0.26</b>	<b>2.60</b>
Total Cannabinoids			<b>35.28</b>	<b>352.79</b>

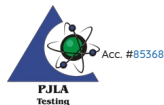
\*Dry Weight %

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

Analyzed **Nov 21, 2023** | Instrument **Chilled-mirror Dewpoint and Capacitance** | Method **SOP-008**

Analyte	LOD %	LOQ %	Result	Limit	Analyte	LOD %	LOQ %	Result	Limit
Moisture (Moi)	0.0	0.0	<b>6.6 % Mw</b>	13 % Mw	Water Activity (WA)	0.03	0.03	<b>0.48 a<sub>w</sub></b>	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  
 >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, 01 Dec 2023 09:34:42 -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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