QA Testing

## PharmLabs San Diego Certificate of Analysis

Sample **Canna Kings Delta 8 Cookies**

| Delta9 THC | THCa | Total THC (THC + THCa) | Delta8 THC |
|---|---|---|---|
| UI | ND | UI | 3.21% |

| | | | |
|---|---|---|---|
| Sample ID **SD220729-017 (50079)** | | Matrix **Edible (Other Cannabis Good)** | |
| Tested for **Canna Kings** | | | |
| Sampled **-** | Received **Jul 28, 2022** | Reported **Aug 05, 2022** | |
| Analyses executed **CANX** | | Unit Mass (g) **46.88** | |

**Laboratory note**: The estimated concentration of the unknown peak in the sample is 0.05% | 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 (+)d8-THC or d9-THC. At this time there are no reference standards available for (+)d8-THC. (+)d8-THC is a different compound from the main (-)d8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)d8-THC and d9-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)d8-THC and d9-THC with the majority, if not all, of the concentration being (+)d8-THC. Total (+/-) D8 Concentration is estimated to be 0.08%

## CANX - Cannabinoids Analysis

Analyzed **Aug 05, 2022** | 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 | Result mg/Unit |
|---|---|---|---|---|---|
| 11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV) | 0.013 | 0.041 | NT | NT | NT |
| Cannabidiorcin (CBDO) | 0.002 | 0.007 | NT | NT | NT |
| Abnormal Cannabidiorcin (a-CBDO) | 0.01 | 0.031 | NT | NT | NT |
| (+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC) | 0.012 | 0.036 | NT | NT | NT |
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC) | 0.007 | 0.021 | NT | NT | NT |
| 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 | NT | NT | NT |
| 1(R)-THD (r-THD) | 0.025 | 0.075 | NT | NT | NT |
| Tetrahydrocannabivarin (THCV) | 0.001 | 0.16 | ND | ND | ND |
| Δ8-tetrahydrocannabivarin (Δ8-THCV) | 0.021 | 0.064 | NT | NT | NT |
| Cannabidihexol (CBDH) | 0.005 | 0.16 | NT | NT | NT |
| Tetrahydrocannabutol (Δ9-THCB) | 0.013 | 0.038 | NT | NT | NT |
| Cannabinol (CBN) | 0.001 | 0.16 | ND | ND | ND |
| Cannabidiphorol (CBDP) | 0.015 | 0.047 | NT | NT | NT |
| 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 | 0.32 | 3.21 | 150.48 |
| (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-Tetrahydrocannabihexol (Δ9-THCH) | 0.024 | 0.071 | ND | ND | ND |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 | NT | NT | NT |
| Δ9-Tetrahydrocannabiphorol (Δ9-THCP) | 0.017 | 0.16 | ND | ND | ND |
| Δ8-Tetrahydrocannabiphorol (Δ8-THCP) | 0.041 | 0.16 | ND | ND | ND |
| Cannabicitran (CBT) | 0.005 | 0.16 | NT | NT | NT |
| Δ8-THC-O-acetate (Δ8-THCO) | 0.076 | 0.16 | ND | ND | ND |
| 9(S)-HHCP (s-HHCP) | 0.031 | 0.094 | NT | NT | NT |
| Δ9-THC-O-acetate (Δ9-THCO) | 0.066 | 0.16 | ND | ND | ND |
| 9(R)-HHCP (r-HHCP) | 0.026 | 0.079 | NT | NT | NT |
| 9(S)-HHC-O-acetate (s-HHCO) | 0.005 | 0.16 | NT | NT | NT |
| 9(R)-HHC-O-acetate (r-HHCO) | 0.008 | 0.025 | NT | NT | NT |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) | 0.067 | 0.204 | NT | NT | NT |
| Δ9-THC methyl ether (Δ9-MeO-THC) | | | NT | NT | NT |
| Cannabichromene (CBC) | 0.002 | 0.16 | ND | ND | ND |
| Cannabidivarin (CBDV) | 0.039 | 0.16 | ND | ND | ND |
| **Total THC** ( THCa * 0.877 + Δ9THC ) | | | UI | UI | UI |
| **Total THC + Δ8THC + Δ10THC** ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC ) | | | 0.32 | 3.21 | 150.48 |
| **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 Analyzed** | | | 0.32 | 3.21 | 150.48 |

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

PJLA Testing Acc. #85368

DCC license: C8-0000098-LIC
DEA license: RP0611043
ISO/IEC 17025:2017 Acc. L17-427-1

Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Fri, 05 Aug 2022 11:30:25 -0700



PharmWare CANNABIS LABORATORY LIMS & ELN