

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 **Sunset Sherbert Diamonds**

| | | | |
|---------------------------------------|---|------------------------------|------|
| Sample ID SD221111-011 (54896) | Matrix Concentrate (Inhalable Cannabis Good) | Address | Name |
| Distributor License 12345678 | Received Nov 10, 2022 | Reported Nov 15, 2022 | |
| Analyses executed CANX, TER | | | |

Laboratory note: The estimated concentration of the unknown peak in the sample is 2.85% | 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 (-)-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 (-)-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-THC and (-)-THC with the majority, if not all, of the concentration being (+)-THC. Total d8-THC is estimated to be 18.86%.

CANX - Cannabinoids Analysis

Analyzed Nov 15, 2022 | Instrument HPLC
 Measurement Uncertainty at 95% confidence 7.806%

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Sample photography |
|---|----------|----------|----------|-------------|--------------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV) | 0.013 | 0.041 | ND | ND | |
| Cannabidiol (CBDO) | 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 | ND | ND | |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | ND | ND | |
| Cannabigerol (CBG) | 0.001 | 0.16 | 1.15 | 11.48 | |
| Cannabidiol (CBD) | 0.001 | 0.16 | 43.76 | 437.57 | |
| 1(S)-THD (s-THD) | 0.013 | 0.041 | ND | ND | |
| 1(R)-THD (r-THD) | 0.025 | 0.075 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.001 | 0.16 | ND | ND | |
| Δ8-tetrahydrocannabivarin (Δ8-THCV) | 0.021 | 0.064 | ND | ND | |
| Tetrahydrocannabinol (Δ9-THCB) | 0.013 | 0.038 | ND | ND | |
| Cannabinol (CBN) | 0.001 | 0.16 | 0.91 | 9.08 | |
| Cannabidiophorol (CBDP) | | | ND | ND | |
| exo-THC (exo-THC) | 0.016 | 0.8 | ND | ND | |
| Tetrahydrocannabinol (Δ9-THC) | 0.003 | 0.16 | UI | UI | |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.004 | 0.16 | 18.86 | 188.57 | |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.015 | 0.16 | 2.04 | 20.36 | |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 | 2.17 | 21.70 | |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.007 | 0.16 | 14.56 | 145.56 | |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.16 | 1.92 | 19.22 | |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | ND | ND | |
| Δ9-Tetrahydrocannabinolhexol (Δ9-THCH) | 0.024 | 0.071 | ND | ND | |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 | ND | ND | |
| Δ9-Tetrahydrocannabiphorol (Δ9-THCP) | 0.017 | 0.16 | ND | ND | |
| Δ8-Tetrahydrocannabiphorol (Δ8-THCP) | 0.041 | 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 | |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) | 0.067 | 0.204 | ND | ND | |
| Total THC (THCa * 0.877 + Δ9THC) | | | ND | ND | |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) | | | 35.45 | 354.50 | |
| Total CBD (CBDa * 0.877 + CBD) | | | 43.76 | 437.57 | |
| Total CBG (CBGa * 0.877 + CBG) | | | 1.15 | 11.48 | |
| Total HHC (9r-HHC + 9s-HHC) | | | 4.09 | 40.92 | |
| Total Cannabinoids | | | 85.35 | 853.55 | |

TER - Terpenes Testing Analysis

Analyzed Nov 11, 2022 | Instrument GC/FID | Method SOP-002

| Analyte | LOD mg/g | LOQ mg/g | (%) | (mg/g) | Analyte | LOD mg/g | LOQ mg/g | (%) | (mg/g) |
|------------------------------------|----------|----------|------|--------|-----------------------------|----------|----------|---------------|-------------------|
| α-Pinene (α-Pin) | 0.128 | 0.427 | ND | ND | Camphene (Cam) | 0.147 | 0.492 | ND | ND |
| Myrcene (Myr) | 0.073 | 0.244 | 0.15 | 1.52 | b-Pinene (b-Pin) | 0.413 | 1.377 | ND | ND |
| 3-Carene (3-Car) | 0.11 | 0.366 | ND | ND | α-Terpinene (α-Ter) | 0.099 | 0.331 | ND | ND |
| α-Ocimene (α-Oci) | 0.055 | 0.182 | ND | ND | Limonene (Lim) | 0.081 | 0.268 | 0.13 | 1.33 |
| p-Cymene (p-Cym) | 0.104 | 0.347 | ND | ND | b-Ocimene (b-Oci) | 0.085 | 0.282 | ND | ND |
| Eucalyptol (Euc) | 0.19 | 0.634 | ND | ND | g-Terpinene (g-Ter) | 0.108 | 0.361 | ND | ND |
| Terpenolene (Terp) | 0.119 | 0.395 | 0.30 | 2.98 | Linalool (Lin) | 0.146 | 0.487 | ND | ND |
| Isopulegol (Isop) | 0.139 | 0.464 | ND | ND | Geraniol (Gera) | 0.177 | 0.589 | ND | ND |
| b-Caryophyllene (b-Cary) | 0.132 | 0.44 | 0.75 | 7.47 | α-Humulene (Hum) | 0.183 | 0.608 | 0.29 | 2.94 |
| cis-Nerolidol (ci-Ner) | 0.129 | 0.431 | ND | ND | trans-Nerolidol (tr-Ner) | 0.093 | 0.31 | ND | ND |
| Guaiol (Gua) | 0.15 | 0.499 | ND | ND | Caryophyllene Oxide (CarOx) | 0.183 | 0.611 | ND | ND |
| α-bisabolol (α-Bbis) | 0.159 | 0.529 | ND | ND | | | | | |
| Total Terpene Concentration | | | | | | | | 1.62 % | 16.25 mg/g |

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
 Tue, 15 Nov 2022 12:14:27 -0800

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