

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 **37-190081G-001**

PASSED AS CALIFORNIA INDUSTRIAL HEMP

| | | | | | |
|-------------------|---|----------------|-------------------------|----------|---------------------|
| Sample ID | SD200129-006 (36137) | Matrix | Hemp (Industrial) | Cultivar | Jack Pack |
| Company | Twisted Oak Seeds | Registration # | 37-190081G | Email | egirard27@gmail.com |
| Sampler | Dept of Agriculture, Mark Lyles | Sampled | Jan 31, 2020 - 12:00 AM | Receiver | Vanessa Pinto |
| Address | 2830 Miller Ranch Road, San Diego, CA 91978 | GPS | 32.715772, -116.933795 | Received | Jan 30, 2020 |
| Analyses executed | CAN | Acreage | 1400 sq ft | Reported | Feb 12, 2020 |
| | | | | | Description |

Laboratory note: Tested by: Karina Pimentel - 1-30-2020- made amendment to the COA and changed Cultivar 2/12/2020 VLP

CAN - Cannabinoids Analysis

Analyzed Jan 31, 2020 | Instrument HPLC-VWD | Method SOP-001

The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 7.806\%$ at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|--|----------|----------|-------------|--------------|
| Cannabidiolic Acid (CBDA) | 0.001 | 0.16 | 4.89 | 48.88 |
| Cannabigerol (CBG) | 0.001 | 0.16 | ND | ND |
| Cannabidiol (CBD) | 0.001 | 0.16 | 0.77 | 7.73 |
| Cannabinol (CBN) | 0.001 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ^9 -THC) | 0.003 | 0.16 | 0.07 | 0.69 |
| Δ^8 -tetrahydrocannabinol (Δ^8 -THC) | 0.004 | 0.16 | NT | NT |
| (6aR,9S)- Δ^{10} -Tetrahydrocannabinol ((6aR,9S)- Δ^{10}) | 0.015 | 0.16 | NT | NT |
| (6aR,9R)- Δ^{10} -Tetrahydrocannabinol ((6aR,9R)- Δ^{10}) | 0.007 | 0.16 | NT | NT |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | 0.16 | 1.64 |
| Total THC (THCa * 0.877 + Δ^9THC) | | | 0.21 | 2.13 |
| Total CBD (CBDA * 0.877 + CBD) | | | 5.06 | 50.60 |
| Total Cannabinoids Analyzed | | | 5.27 | 52.73 |

UJ 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



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

Clarence Gillett

Dr. Clarence Gillett, PhD, VP of Scientific Operations
 Wed, 12 Feb 2020 14:08:24 -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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