

PharmLabs San Diego Certificate of Analysis



Sample **XOH - 20mg Tabs**

| | | | |
|-------------------|-------------------------|------------------|--------------|
| Sample ID | SD241009-001 (100520) | Matrix | Edible |
| Tested for | Stardust Botanicals LLC | | |
| Sampled | - | Received | Oct 08, 2024 |
| Analyses executed | RES, KTM, 1BD | Unit Mass (g) | 3.742 |
| | | Reported | Oct 09, 2024 |
| | | Num. of Servings | 5 |
| | | Serving Size (g) | 0.75 |

KTM - Kratom Analysis

Analyzed Oct 08, 2024 | Instrument HPLC VWD | Method SOP-KTM
 The expanded Uncertainty of the analysis is approximately ±7.81% at the 95% Confidence Level

| Analyte | LOD ppm | LOQ ppm | Result % | Result mg/g | Result mg/Serving | Result mg/Unit |
|------------------------------|---------|---------|----------|-------------|-------------------|----------------|
| 7-hydroxy Mitragynine (7HMG) | 0.008 | 0.025 | 2.67 | 26.73 | 20.05 | 100.02 |
| Mitragynine (MITG) | 0.018 | 0.054 | ND | ND | ND | ND |
| Speciogynine (SPEG) | 0.007 | 0.02 | ND | ND | ND | ND |
| Speciociliatine (SPCL) | 0.004 | 0.011 | ND | ND | ND | ND |

RES - Residual Solvents Analysis

Analyzed Oct 09, 2024 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|----------------------------|----------|----------|-------------|------------|-------------------------------|----------|----------|-------------|------------|
| Propane (Prop) | 0.044 | 0.4 | ND | 5000 | Butane (But) | 0.02 | 0.4 | ND | 5000 |
| Methanol (Metha) | 1.176 | 3.92 | ND | 3000 | Ethylene Oxide (EthOx) | 0.08 | 0.4 | ND | 1 |
| Pentane (Pen) | 0.024 | 0.4 | ND | 5000 | Ethanol (Ethan) | 0.048 | 0.4 | ND | 5000 |
| Ethyl Ether (EthEt) | 0.036 | 0.4 | ND | 5000 | Acetone (Acet) | 0.044 | 0.4 | ND | 5000 |
| Isopropanol (2-Pro) | 1.16 | 3.868 | ND | 5000 | Acetonitrile (Acetonit) | 0.888 | 2.952 | ND | 410 |
| Methylene Chloride (MetCh) | 0.04 | 0.4 | ND | 1 | Hexane (Hex) | 0.012 | 0.4 | ND | 290 |
| Ethyl Acetate (EthAc) | 0.032 | 0.4 | 791.8 | 5000 | Chloroform (Clo) | 0.028 | 0.4 | ND | 1 |
| Benzene (Ben) | 0.012 | 0.4 | ND | 1 | 1,2-Dichloroethane (1,2-Dich) | 0.024 | 0.4 | ND | 1 |
| Heptane (Hep) | 0.012 | 0.4 | ND | 5000 | Trichloroethylene (TriClEth) | 0.072 | 0.4 | ND | 1 |
| Toluene (Toluene) | 0.036 | 0.4 | <LOQ | 890 | Xylenes (Xyl) | 0.012 | 0.4 | ND | 2170 |

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



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 DEA license: RP0611043
 ISO/IEC 17025:2017 Acc. L17-427-1



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Wed, 09 Oct 2024 12:42:46 -0700

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