QA Testing

**PharmLabs San Diego** Certificate of Analysis

SDPharmLabs

Sample **Blueberry Sugar**

| Delta9 THC 0.18% | THCa 36.08% | Total THC (THCa * 0.877 + THC) 31.82% | Delta8 THC ND |
|---|---|---|---|

Sample ID SD250916-033 (110850)
Tested for Pure Leaf Distribution
Sampled -
Analyses executed FP-IF

Matrix Flower
Received Sep 16, 2025
Reported Sep 27, 2025

## * CAN+ - Cannabinoids

Analyzed Sep 09, 2025 | Instrument HPLC-VWD | Method SOP-001
The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|---|---|---|---|
| Cannabidivarin (CBDv) | 0.039 | 0.16 | ND | ND |
| Cannabidibutol (CBDb) | 0.011 | 0.03 | ND | ND |
| Cannabidiolic Acid (CBDA) | 0.033 | 0.16 | 0.08 | 0.77 |
| Cannabigerol Acid (CBGA) | 0.033 | 0.16 | 1.04 | 10.37 |
| Cannabigerol (CBG) | 0.048 | 0.16 | 0.12 | 1.22 |
| Cannabidiol (CBD) | 0.069 | 0.229 | ND | ND |
| Tetrahydrocannabivarin (THCV) | 0.049 | 0.16 | ND | ND |
| Cannabinol (CBN) | 0.047 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THC) | 0.092 | 0.307 | 0.18 | 1.76 |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.044 | 0.16 | ND | ND |
| Cannabicyclol (CBL) | 0.0012 | 0.16 | ND | ND |
| Cannabichromene (CBC) | 0.13 | 0.432 | 0.04 | 0.45 |
| Tetrahydrocannabinolic Acid (THCA) | 0.117 | 0.389 | 36.08 | 360.79 |
| **Total THC ( THCa * 0.877 + Δ9THC )** | | | **31.82** | **318.17** |
| **Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC )** | | | **31.82** | **318.17** |
| **Total CBD ( CBDa * 0.877 + CBD )** | | | **0.07** | **0.68** |
| **Total CBG ( CBGa * 0.877 + CBG )** | | | **1.03** | **10.31** |
| **Total Cannabinoids Analyzed** | | | **32.96** | **329.61** |

*Dry Weight %

## HME - Heavy Metals

Analyzed Sep 18, 2025 | Instrument ICP/MSMS | Method SOP-005

| Analyte | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|---|---|---|---|---|
| Arsenic (As) | 0.0009 | 0.0027 | ND | 1.5 |
| Cadmium (Cd) | 0.0005 | 0.0015 | ND | 0.5 |
| Mercury (Hg) | 0.0058 | 0.0174 | ND | 3 |
| Lead (Pb) | 0.0006 | 0.0018 | ND | 0.5 |

## MIBIG - Microbial

Analyzed Sep 17, 2025 | Instrument qPCR and/or Plating | Method SOP-007

| Analyte | LOD CFU/g | LOQ CFU/g | Result CFU/g | Limit CFU/g |
|---|---|---|---|---|
| Shiga toxin-producing Escherichia Coli | 1.0 | 1.0 | ND | |
| Salmonella spp. | 1.0 | 1.0 | ND | |
| Aspergillus fumigatus | 1.0 | 1.0 | Negative | |
| Aspergillus flavus | 1.0 | 1.0 | Negative | |
| Aspergillus niger | 1.0 | 1.0 | Negative | |
| Aspergillus terreus | 1.0 | 1.0 | Negative | |

## MTO - Mycotoxin

Analyzed Sep 17, 2025 | Instrument LC/MSMS | Method SOP-004

| Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg | Limit ug/kg | Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg | Limit ug/kg |
|---|---|---|---|---|---|---|---|---|---|
| Ochratoxin A | 5.0 | 20.0 | ND | 20 | Aflatoxin B1 | 2.5 | 5.0 | ND | - |
| Aflatoxin B2 | 2.5 | 5.0 | ND | - | Aflatoxin G1 | 2.5 | 5.0 | ND | - |
| Aflatoxin G2 | 2.5 | 5.0 | ND | | Total Aflatoxins | 10.0 | 20.0 | ND | 20 |



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

DEA license: RP0611043
ISO/IEC 17025:2017 Acc. 85368

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Sat, 27 Sep 2025 11:20:07 -0700