**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 **Da Vinci's Blend - Durban Poison**

| | | | |
|---|---|---|---|
| Sample ID **SD221026-011 (54043)** | | Matrix **Concentrate (Inhalable Cannabis Good)** | |
| Tested for **Arvida Labs** | | | |
| Sampled **-** | Received **Oct 25, 2022** | Reported **Nov 02, 2022** | |
| Analyses executed **CANX, RES, MIBIG, MTO, PES, HME, FVI** | | | |

**Laboratory note**: The estimated concentration of the unknown peak in the sample is 2.74% | 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-THC is estimated to be 30.91%.

## CANX - Cannabinoids Analysis

Analyzed **Nov 02, 2022** | Instrument **HLPC**
Measurement Uncertainty at 95% confidence**7.806%**

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|---|---|---|---|
| 11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV) | 0.013 | 0.041 | ND | ND |
| Cannabidiorcin (CBDO) | 0.002 | 0.007 | ND | ND |
| Abnormal Cannabidiorcin (a-CBDO) | 0.01 | 0.031 | ND | ND |
| (+/-)-9B-hydroxy-Hexahydrocannibinol (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 | 0.74 | 7.42 |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | ND | ND |
| Cannabigerol (CBG) | 0.001 | 0.16 | 8.08 | 80.82 |
| Cannabidiol (CBD) | 0.001 | 0.16 | 6.60 | 65.97 |
| 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 | 6.12 | 61.16 |
| Δ8-tetrahydrocannabivarin (Δ8-THCV) | 0.021 | 0.064 | 0.65 | 6.55 |
| Tetrahydrocannabutol (Δ9-THCB) | 0.013 | 0.038 | ND | ND |
| Cannabinol (CBN) | 0.001 | 0.16 | ND | ND |
| Cannabidiphorol (CBDP) | 0.015 | 0.047 | NT | NT |
| 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 | 30.91 | 309.13 |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.015 | 0.16 | ND | ND |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 | 7.71 | 77.10 |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.007 | 0.16 | ND | ND |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.16 | 25.89 | 258.91 |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | ND | ND |
| Δ9-Tetrahydrocannabihexol (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 ) | | | 30.91 | 309.13 |
| **Total CBD** ( CBDa * 0.877 + CBD ) | | | 7.25 | 72.48 |
| **Total CBG** ( CBGa * 0.877 + CBG ) | | | 8.08 | 80.82 |
| **Total HHC** ( 9r-HHC + 9s-HHC ) | | | 33.60 | 336.01 |
| **Total Cannabinoids** | | | 86.61 | 866.15 |

Sample photography


## HME - Heavy Metals Detection Analysis

Analyzed **Oct 27, 2022** | Instrument **ICP/MSMS** | Method **SOP-005**

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| Arsenic (As) | 0.0002 | 0.0005 | ND | 0.2 | Cadmium (Cd) | 3.0e-05 | 0.0005 | <LOQ | 0.2 |
| Mercury (Hg) | 1.0e-05 | 0.0001 | <LOQ | 0.1 | Lead (Pb) | 1.0e-05 | 0.00125 | <LOQ | 0.5 |

## MIBIG - Microbial Testing Analysis

Analyzed **Oct 28, 2022** | Instrument **qPCR and/or Plating** | Method **SOP-007**

| Analyte | Result CFU/g | Limit | Analyte | Result CFU/g | Limit |
|---|---|---|---|---|---|
| Shiga toxin-producing Escherichia Coli | ND | ND per 1 gram | Salmonella spp. | ND | ND per 1 gram |
| Aspergillus fumigatus | ND | ND per 1 gram | Aspergillus flavus | ND | ND per 1 gram |
| Aspergillus niger | ND | ND per 1 gram | Aspergillus terreus | ND | ND per 1 gram |

**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

PJLA Testing Acc. #85368

RP0611043

Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr, Lab Manager
Wed, 02 Nov 2022 13:09:19 -0700

## MTO - Mycotoxin Testing Analysis

Analyzed **Oct 27, 2022** | Instrument **LC/MSMS** | Method **SOP-004**

| Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg (ppb) | Limit ug/kg | Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg (ppb) | 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** 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

PJLA Testing Acc. #85368

RP0611043

Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr, Lab Manager
Wed, 02 Nov 2022 13:09:19 -0700

## PES - Pesticides Screening Analysis

Analyzed **Oct 27, 2022** | Instrument **LC/MSMS GC/MSMS** | Method **SOP-003**

| 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 |
|---|---|---|---|---|---|---|---|---|---|
| Aldicarb | 0.0078 | 0.02 | ND | 0.0078 | Carbofuran | 0.01 | 0.02 | ND | 0.01 |
| Dimethoate | 0.01 | 0.02 | ND | 0.01 | Etofenprox | 0.02 | 0.1 | ND | 0.02 |
| Fenoxycarb | 0.01 | 0.02 | ND | 0.01 | Thiachloprid | 0.01 | 0.02 | ND | 0.01 |
| Daminozide | 0.01 | 0.03 | ND | 0.01 | Dichlorvos | 0.02 | 0.07 | ND | 0.02 |
| Imazalil | 0.02 | 0.07 | ND | 0.02 | Methiocarb | 0.01 | 0.02 | ND | 0.01 |
| Spiroxamine | 0.01 | 0.02 | ND | 0.01 | Coumaphos | 0.01 | 0.02 | ND | 0.01 |
| Fipronil | 0.01 | 0.1 | ND | 0.01 | Paclobutrazol | 0.01 | 0.03 | ND | 0.01 |
| Chlorpyrifos | 0.01 | 0.04 | ND | 0.01 | Ethoprophos (Prophos) | 0.01 | 0.02 | ND | 0.01 |
| Baygon (Propoxur) | 0.01 | 0.02 | ND | 0.01 | Chlordane | 0.04 | 0.1 | ND | 0.04 |
| Chlorfenapyr | 0.03 | 0.1 | ND | 0.03 | Methyl Parathion | 0.02 | 0.1 | ND | 0.02 |
| Mevinphos | 0.03 | 0.08 | ND | 0.03 | Abamectin | 0.03 | 0.08 | ND | 0.1 |
| Acephate | 0.02 | 0.05 | ND | 0.1 | Acetamiprid | 0.01 | 0.05 | ND | 0.1 |
| Azoxystrobin | 0.01 | 0.02 | ND | 0.1 | Bifenazate | 0.01 | 0.05 | ND | 0.1 |
| Bifenthrin | 0.02 | 0.35 | ND | 3 | Boscalid | 0.01 | 0.03 | ND | 0.1 |
| Carbaryl | 0.01 | 0.02 | ND | 0.5 | Chlorantraniliprole | 0.01 | 0.04 | ND | 10 |
| Clofentezine | 0.01 | 0.03 | ND | 0.1 | Diazinon | 0.01 | 0.02 | ND | 0.1 |
| Dimethomorph | 0.02 | 0.06 | ND | 2 | Etoxazole | 0.01 | 0.05 | ND | 0.1 |
| Fenpyroximate | 0.02 | 0.1 | ND | 0.1 | Flonicamid | 0.01 | 0.02 | ND | 0.1 |
| Fludioxonil | 0.01 | 0.05 | ND | 0.1 | Hexythiazox | 0.01 | 0.03 | ND | 0.1 |
| Imidacloprid | 0.01 | 0.05 | ND | 5 | Kresoxim-methyl | 0.01 | 0.03 | ND | 0.1 |
| Malathion | 0.01 | 0.05 | ND | 0.5 | Metalaxyl | 0.01 | 0.02 | ND | 2 |
| Methomyl | 0.02 | 0.05 | ND | 1 | Myclobutanil | 0.02 | 0.07 | ND | 0.1 |
| Naled | 0.01 | 0.02 | ND | 0.1 | Oxamyl | 0.01 | 0.02 | ND | 0.5 |
| Permethrin | 0.01 | 0.02 | ND | 0.5 | Phosmet | 0.01 | 0.02 | ND | 0.1 |
| Piperonyl Butoxide | 0.02 | 0.06 | ND | 3 | Propiconazole | 0.03 | 0.08 | ND | 0.1 |
| Prallethrin | 0.02 | 0.05 | ND | 0.1 | Pyrethrin | 0.05 | 0.41 | ND | 0.5 |
| Pyridaben | 0.02 | 0.07 | ND | 0.1 | Spinosad A | 0.01 | 0.05 | ND | 0.1 |
| Spinosad D | 0.01 | 0.05 | ND | 0.1 | Spiromesifen | 0.02 | 0.06 | ND | 0.1 |
| Spirotetramat | 0.01 | 0.02 | ND | 0.1 | Tebuconazole | 0.01 | 0.02 | ND | 0.1 |
| Thiamethoxam | 0.01 | 0.02 | ND | 5 | Trifloxystrobin | 0.01 | 0.02 | ND | 0.1 |
| Acequinocyl | 0.02 | 0.09 | ND | 0.1 | Captan | 0.01 | 0.02 | ND | 0.7 |
| Cypermethrin | 0.02 | 0.1 | ND | 1 | Cyfluthrin | 0.04 | 0.1 | ND | 2 |
| Fenhexamid | 0.02 | 0.07 | ND | 0.1 | Spinetoram J,L | 0.02 | 0.07 | ND | 0.1 |
| Pentachloronitrobenzene | 0.01 | 0.1 | ND | 0.1 | | | | | |

## RES - Residual Solvents Testing Analysis

Analyzed **Oct 28, 2022** | 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) | 0.4 | 40.0 | ND | 5000.0 | Butane (But) | 0.4 | 40.0 | ND | 5000.0 |
| Methanol (Metha) | 0.4 | 40.0 | ND | 3000.0 | Ethylene Oxide (EthOx) | 0.4 | 0.8 | 10.4 | 1.0 |
| Pentane (Pen) | 0.4 | 40.0 | ND | 5000.0 | Ethanol (Ethan) | 0.4 | 40.0 | ND | 5000.0 |
| Ethyl Ether (EthEt) | 0.4 | 40.0 | ND | 5000.0 | Acetone (Acet) | 0.4 | 40.0 | 253.4 | 5000.0 |
| Isopropanol (2-Pro) | 0.4 | 40.0 | 47.6 | 5000.0 | Acetonitrile (Acetonit) | 0.4 | 40.0 | ND | 410.0 |
| Methylene Chloride (MetCh) | 0.4 | 0.8 | ND | 1.0 | Hexane (Hex) | 0.4 | 40.0 | ND | 290.0 |
| Ethyl Acetate (EthAc) | 0.4 | 40.0 | ND | 5000.0 | Chloroform (Clo) | 0.4 | 0.8 | ND | 1.0 |
| Benzene (Ben) | 0.4 | 0.8 | ND | 1.0 | 1-2-Dichloroethane (12-Dich) | 0.4 | 0.8 | ND | 1.0 |
| Heptane (Hep) | 0.4 | 40.0 | ND | 5000.0 | Trichloroethylene (TriClEth) | 0.4 | 0.8 | ND | 1.0 |
| Toluene (Toluene) | 0.4 | 40.0 | ND | 890.0 | Xylenes (Xyl) | 0.4 | 40.0 | ND | 2170.0 |

## FVI - Filth & Foreign Material Inspection Analysis

Analyzed **Nov 02, 2022** | Instrument **Microscope** | Method **SOP-010**

| Analyte / Limit | Result | Analyte / Limit | Result |
|---|---|---|---|
| > 1/4 of the total sample area covered by sand, soil, cinders, or dirt | ND | > 1/4 of the total sample area covered by mold | ND |
| > 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g | ND | > 1/4 of the total sample area covered by an imbedded foreign material | ND |

**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

PJLA Testing Acc. #85368

ISO 17025 RP0611043

Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
Wed, 02 Nov 2022 13:09:19 -0700



PharmWare CANNABIS LABORATORY LIMS & ELN