**PharmLabs San Diego** Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC ISO/IEC 17025:2017 Accredited L17-427-1 #[85368](https://www.dropbox.com/s/l983yoy8rtdtn0q/L21-599%20PharmLabs%20San%20Diego.pdf?dl=0)

Sample **XXXL 300mg D8 Durban Poison**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample ID **SD230818-009 (82028)** |  | Matrix **Edible (Other Cannabis Good)** |  | Batch ID **RI009** |
| Tested for **Summitt Labs** |  |  |  |  |
| Sampled **-** | Received **Aug 17, 2023** |  | Reported **Aug 25, 2023** |  |
| Analyses executed **FP-NI20** |  | Unit Mass (g) **29.804** | Num. of Servings **6** | Serving Size (g) **4.97** |

**Laboratory note**: The estimated concentration of the unknown peak in the sample is 0.55% | 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 di,erent compound from the main (-)d8-THC cannabinoid and, therefore, these two compounds may have di,erent e.cacies. 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 Concentration is estimated to be: 6.37%

# CANX - Cannabinoids Analysis

Analyzed **Aug 25, 2023** | Instrument **HPLC-VWD** | Method

The expanded Uncertainty of the Cannabinoid analysis is approximately ±**7.806**% at the 95% Confidence Level

|  |  |  |  |
| --- | --- | --- | --- |
| **Analyte** | **LOD****mg/g** | **LOQ Result Result Result Result mg/g % mg/g mg/Serving mg/Unit** | **Sample photography** |
| 11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV) | 0.013 | 0.041 **ND** | **ND** | **ND** | **ND** |  |
| Cannabidiorcin (CBDO) | 0.002 | 0.007 **ND** | **ND** | **ND** | **ND** |
| Abnormal Cannabidiorcin (a-CBDO) | 0.01 | 0.031 **ND** | **ND** | **ND** | **ND** |
| (+/-)-9B-hydroxy-Hexahydrocannibinol (9b-HHC) | 0.012 | 0.036 **ND** | **ND** | **ND** | **ND** |
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC) | 0.007 | 0.021 **ND** | **ND** | **ND** | **ND** |
| Cannabidiolic Acid (CBDA) | 0.001 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Cannabigerol (CBG) | 0.001 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Cannabidiol (CBD) | 0.001 | 0.16 **ND** | **ND** | **ND** | **ND** |
| 1(S)-THD (s-THD) | 0.013 | 0.041 **ND** | **ND** | **ND** | **ND** |
| 1(R)-THD (r-THD) | 0.025 | 0.075 **ND** | **ND** | **ND** | **ND** |
| Tetrahydrocannabivarin (THCV) | 0.001 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Δ8-tetrahydrocannabivarin (Δ8-THCV) | 0.021 | 0.064 **ND** | **ND** | **ND** | **ND** |
| Cannabidihexol (CBDH) | 0.005 | 0.16 **0.27** | **2.74** | **13.62** | **81.66** |
| Tetrahydrocannabutol (Δ9-THCB) | 0.013 | 0.038 **ND** | **ND** | **ND** | **ND** |
| Cannabinol (CBN) | 0.001 | 0.16 **0.12** | **1.15** | **5.72** | **34.27** |
| Cannabidiphorol (CBDP) | 0.015 | 0.047 **ND** | **ND** | **ND** | **ND** |
| exo-THC (exo-THC) | 0.005 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Tetrahydrocannabinol (Δ9-THC) | 0.003 | 0.16 **UI** | **UI** | **UI** | **UI** |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.004 | 0.16 **6.37** | **63.70** | **316.59** | **1898.51** |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.015 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 **ND** | **ND** | **ND** | **ND** |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.007 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Δ9-Tetrahydrocannabihexol (Δ9-THCH) | 0.024 | 0.071 **ND** | **ND** | **ND** | **ND** |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 **ND** | **ND** | **ND** | **ND** |
| Δ9-Tetrahydrocannabiphorol (Δ9-THCP) | 0.017 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Δ8-Tetrahydrocannabiphorol (Δ8-THCP) | 0.041 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Cannabicitran (CBT) | 0.005 | 0.16 **ND** | **ND** | **ND** | **ND** |
| Δ8-THC-O-acetate (Δ8-THCO) | 0.076 | 0.16 **ND** | **ND** | **ND** | **ND** |
| 9(S)-HHCP (s-HHCP) | 0.031 | 0.094 **ND** | **ND** | **ND** | **ND** |
| Δ9-THC-O-acetate (Δ9-THCO) | 0.066 | 0.16 **ND** | **ND** | **ND** | **ND** |
| 9(R)-HHCP (r-HHCP) | 0.026 | 0.079 **ND** | **ND** | **ND** | **ND** |
| 9(S)-HHC-O-acetate (s-HHCO) | 0.005 | 0.16 **ND** | **ND** | **ND** | **ND** |
| 9(R)-HHC-O-acetate (r-HHCO) | 0.008 | 0.025 **ND** | **ND** | **ND** | **ND** |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) | 0.067 | 0.204 **ND** | **ND** | **ND** | **ND** |
| Δ9-THC methyl ether (Δ9-MeO-THC) |  | **NT** | **NT** | **NT** | **NT** |
| **Total THC ( THCa \* 0.877 + Δ9THC )** |  | **ND** | **ND** | **ND** | **ND** |
| **Total THC + Δ8THC + Δ10THC ( THCa \* 0.877 + Δ9THC + Δ8THC + Δ10THC )** |  | **6.37** | **63.70** | **316.59** | **1898.51** |
| **Total CBD ( CBDa \* 0.877 + CBD )** |  | **ND** | **ND** | **ND** | **ND** |
| **Total CBG ( CBGa \* 0.877 + CBG )** |  | **ND** | **ND** | **ND** | **ND** |
| **Total HHC ( 9r-HHC + 9s-HHC )** |  | **ND** | **ND** | **ND** | **ND** |
| **Total Cannabinoids** |  | **6.76** | **67.59** | **335.92** | **2014.45** |

|  |  |
| --- | --- |
| HME - Heavy Metals Analysis |  |
| Analyzed **Aug 22, 2023** | 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 | **<LOQ** | 0.5 |
| Nickel (Ni) | 6.0e-05 | 0.0002 | **ND** |  |

# MIBNIG - Microbial Analysis

Analyzed **Aug 21, 2023** | Instrument **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

# MTO - Mycotoxin Analysis

Analyzed **Aug 24, 2023** | Instrument **LC/MSMS** | Method **SOP-004**

**Analyte**

**LOD LOQ**

**ug/kg ug/kg**

**Result ug/kg (ppb)**

**Limit ug/kg**

**Analyte**

**LOD LOQ**

**ug/kg 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

# PES - Pesticides Analysis

Analyzed **Aug 24, 2023** | 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

Fenoxycarb 0.01 0.02 **ND** 0.01 Thiachloprid 0.01 0.02 **ND** 0.01

Dimethoate 0.01 0.02 **ND** 0.01 Etofenprox 0.02 0.1 **ND** 0.02

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** 0.3

Acephate 0.02 0.05 **ND** 5 Acetamiprid 0.01 0.05 **ND** 5

Azoxystrobin 0.01 0.02 **ND** 40 Bifenazate 0.01 0.05 **ND** 5

Bifenthrin 0.02 0.35 **ND** 0.5 Boscalid 0.01 0.03 **ND** 10

Carbaryl 0.01 0.02 **ND** 0.5 Chlorantraniliprole 0.01 0.04 **ND** 40

Clofentezine 0.01 0.03 **ND** 0.5 Diazinon 0.01 0.02 **ND** 0.2

Dimethomorph 0.02 0.06 **ND** 20 Etoxazole 0.01 0.05 **ND** 1.5

Fenpyroximate 0.02 0.1 **ND** 2 Flonicamid 0.01 0.02 **ND** 2

Fludioxonil 0.01 0.05 **ND** 30 Hexythiazox 0.01 0.03 **ND** 2

Imidacloprid 0.01 0.05 **ND** 3 Kresoxim-methyl 0.01 0.03 **ND** 1

Malathion 0.01 0.05 **ND** 5 Metalaxyl 0.01 0.02 **ND** 15

Methomyl 0.02 0.05 **ND** 0.1 Myclobutanil 0.02 0.07 **ND** 9

Naled 0.01 0.02 **ND** 0.5 Oxamyl 0.01 0.02 **ND** 0.2

Permethrin 0.01 0.02 **ND** 20 Phosmet 0.01 0.02 **ND** 0.2

Piperonyl Butoxide 0.02 0.06 **ND** 8 Propiconazole 0.03 0.08 **ND** 20

Prallethrin 0.02 0.05 **ND** 0.4 Pyrethrin 0.05 0.41 **ND** 1

Pyridaben 0.02 0.07 **ND** 3 Spinosad A 0.01 0.05 **ND** 3

Spinosad D 0.01 0.05 **ND** 3 Spiromesifen 0.02 0.06 **ND** 12

Spirotetramat 0.01 0.02 **ND** 13 Tebuconazole 0.01 0.02 **ND** 2

Thiamethoxam 0.01 0.02 **ND** 4.5 Trifloxystrobin 0.01 0.02 **ND** 30

Acequinocyl 0.02 0.09 **ND** 4 Captan 0.01 0.02 **ND** 5

Cypermethrin 0.02 0.1 **ND** 1 Cyfluthrin 0.04 0.1 **ND** 1

Fenhexamid 0.02 0.07 **ND** 10 Spinetoram J,L 0.02 0.07 **ND** 3

Pentachloronitrobenzene 0.01 0.1 **ND** 0.2

# RES - Residual Solvents Analysis

Analyzed **Aug 22, 2023** | 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** Butane (But) 0.4 40.0 **ND**

Methanol (Metha) 0.4 40.0 **<LOQ** Ethylene Oxide (EthOx) 0.4 0.8 **ND**

Pentane (Pen) 0.4 40.0 **ND** Ethanol (Ethan) 0.4 40.0 **ND**

Ethyl Ether (EthEt) 0.4 40.0 **ND** Acetone (Acet) 0.4 40.0 **ND**

Isopropanol (2-Pro) 0.4 40.0 **ND** Acetonitrile (Acetonit) 0.4 40.0 **ND**

Methylene Chloride (MetCh) 0.4 0.8 **ND** Hexane (Hex) 0.4 40.0 **ND**

Ethyl Acetate (EthAc) 0.4 40.0 **ND** Chloroform (Clo) 0.4 0.8 **ND**

Benzene (Ben) 0.4 0.8 **ND** 1-2-Dichloroethane (12-Dich) 0.4 0.8 **ND**

Heptane (Hep) 0.4 40.0 **ND** Trichloroethylene (TriClEth) 0.4 0.8 **ND**

Toluene (Toluene) 0.4 40.0 **ND** Xylenes (Xyl) 0.4 40.0 **ND**

# FVI - Filth & Foreign Material Inspection Analysis

Analyzed **Aug 21, 2023** | Instrument **Microscope** | Method **SOP-010**

**Analyte / Limit Result Analyte / Limit Result**

**ND**

**ND**

* 1/4 of the total sample area covered by sand, soil, cinders, or dirt

* 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**

* 1/4 of the total sample area covered by mold

# MWA - Moisture Content & Water Activity Analysis

Analyzed **Aug 21, 2023** | Instrument **Chilled-mirror Dewpoint and Capacitance** | Method **SOP-008**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Analyte** | **Result** | **Limit** | **Analyte** | **Result** | **Limit** |
| Moisture (Moi) | **8.6 % Mw** | 13 % Mw | Water Activity (WA) | **0.59 aw** | 0.85 aw |