

PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-000098-LIC
 ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368



Sample **Purple Lemon Octane**

| | | | |
|-------------------|----------------------|----------|----------------------------------|
| Sample ID | SD230518-010 (75634) | Matrix | Flower (Inhalable Cannabis Good) |
| Tested for | Mood Product Group | Received | May 17, 2023 |
| Sampled | - | Reported | May 23, 2023 |
| Analyses executed | TER, FP-IF20 | | |

CANX - Cannabinoids Analysis

Analyzed May 22, 2023 | Instrument HPLC-VWD | Method
 The expanded Uncertainty of the Cannabinoid analysis is approximately 7.81% at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|--|----------|----------|----------|-------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV) | 0.013 | 0.041 | ND | ND |
| Cannabidiol (CBDO) | 0.002 | 0.007 | ND | ND |
| Abnormal Cannabidiol (a-CBDO) | 0.01 | 0.031 | ND | ND |
| (+/-)-9b-Hydroxy-Hexahydrocannabinol (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 | 19.29 | 192.90 |
| Cannabigerol Acid (CBGA) | 0.001 | 0.16 | 0.74 | 7.39 |
| Cannabigerol (CBG) | 0.001 | 0.16 | 0.18 | 1.84 |
| Cannabidiol (CBD) | 0.001 | 0.16 | 1.07 | 10.73 |
| 1(S)-THD (s-THD) | 0.013 | 0.041 | ND | ND |
| 1(R)-THD (r-THD) | 0.025 | 0.075 | ND | ND |
| Tetrahydrocannabinol (THCV) | 0.001 | 0.16 | ND | ND |
| Δ8-tetrahydrocannabinol (Δ8-THCV) | 0.021 | 0.064 | ND | ND |
| Cannabidiol (CBDH) | 0.005 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THCB) | 0.013 | 0.038 | ND | ND |
| Cannabinol (CBN) | 0.001 | 0.16 | 0.15 | 1.54 |
| Cannabidiophorol (CBDP) | 0.015 | 0.047 | ND | ND |
| exo-THC (exo-THC) | 0.005 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THC) | 0.003 | 0.16 | 0.16 | 1.57 |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.004 | 0.16 | ND | ND |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10) | 0.015 | 0.16 | ND | ND |
| Hexahydrocannabinol (S Isomer) (9s-HHC) | 0.017 | 0.16 | ND | ND |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.007 | 0.16 | ND | ND |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.16 | ND | ND |
| Tetrahydrocannabinolic Acid (THCA) | 0.001 | 0.16 | 0.77 | 7.68 |
| Δ9-Tetrahydrocannabinol (Δ9-THCH) | 0.024 | 0.071 | ND | ND |
| Cannabinol Acetate (CBNO) | 0.014 | 0.043 | ND | ND |
| Δ9-Tetrahydrocannabinol (Δ9-THCP) | 0.017 | 0.16 | ND | ND |
| Δ8-Tetrahydrocannabinol (Δ8-THCP) | 0.041 | 0.16 | ND | ND |
| Cannabicitran (CBT) | 0.005 | 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 |
| 9(S)-HHC-O-acetate (s-HHCO) | 0.005 | 0.16 | ND | ND |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8) | 0.067 | 0.204 | ND | ND |
| Δ9-THC methyl ether (Δ9-MeO-THC) | | | ND | ND |
| Total THC (THCa * 0.877 + Δ9THC) | | | 0.83 | 8.30 |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) | | | 0.83 | 8.30 |
| Total CBD (CBDA * 0.877 + CBD) | | | 17.99 | 179.91 |
| Total CBG (CBGA * 0.877 + CBG) | | | 0.83 | 8.32 |
| Total HHC (9r-HHC + 9s-HHC) | | | ND | ND |
| Total Cannabinoids | | | 19.81 | 198.07 |

*Dry Weight %

HME - Heavy Metals Detection Analysis

Analyzed May 22, 2023 | Instrument ICP/MSMS | Method SOP-005

| 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 | 0.00 | 0.2 |
| Mercury (Hg) | 1.0e-05 | 0.0001 | ND | 0.1 |
| Lead (Pb) | 1.0e-05 | 0.00125 | 0.05 | 0.5 |

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



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager
 Tue, 23 May 2023 14:17:34 -0700

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MIBIG - Microbial Testing Analysis

Analyzed May 19, 2023 | 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 |

MTO - Mycotoxin Testing Analysis

Analyzed May 23, 2023 | Instrument LC/MSMS | Method SOP-004

| Analyte | LOD ug/kg | LOG ug/kg | Result ug/kg (ppb) | Limit ug/kg | Analyte | LOD ug/kg | LOG 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
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PES - Pesticides Screening Analysis

Analyzed May 23, 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 |
| 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 |
| Imazail | 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 | Paclbutrazol | 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 | 0.05 | 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 | Fonicamid | 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 | | | | | |

TER - Terpenes Testing Analysis

Analyzed May 19, 2023 | Instrument GC/FID | Method SOP-002

| Analyte | LOD mg/g | LOQ mg/g | (%) | (mg/g) | Analyte | LOD mg/g | LOQ mg/g | (%) | (mg/g) |
|------------------------------------|----------|----------|------|--------|-----------------------------|----------|----------|---------------|------------------|
| a-Pinene (a-Pin) | 0.128 | 0.427 | 0.08 | 0.76 | Camphene (Cam) | 0.147 | 0.492 | ND | ND |
| Myrcene (Myr) | 0.073 | 0.244 | 0.18 | 1.85 | b-Pinene (b-Pin) | 0.413 | 1.377 | ND | ND |
| 3-Carene (3-Car) | 0.11 | 0.366 | ND | ND | a-Terpinene (a-Ter) | 0.099 | 0.331 | ND | ND |
| a-Ocimene (a-Oci) | 0.055 | 0.182 | ND | ND | Limonene (Lim) | 0.081 | 0.268 | 0.11 | 1.11 |
| p-Cymene (p-Cym) | 0.104 | 0.347 | ND | ND | b-Ocimene (b-Oci) | 0.085 | 0.282 | ND | ND |
| Eucalyptol (Euc) | 0.19 | 0.634 | ND | ND | g-Terpinene (g-Ter) | 0.108 | 0.361 | ND | ND |
| Terpenolene (Terp) | 0.119 | 0.395 | 0.15 | 1.48 | Linalool (Lin) | 0.146 | 0.487 | 0.09 | 0.85 |
| Isopulegol (Isop) | 0.139 | 0.464 | ND | ND | Geraniol (Gera) | 0.177 | 0.589 | ND | ND |
| b-Caryophyllene (b-Cary) | 0.132 | 0.44 | 0.24 | 2.39 | a-Humulene (Hum) | 0.183 | 0.608 | 0.10 | 1.05 |
| cis-Nerolidol (ci-Ner) | 0.129 | 0.431 | ND | ND | trans-Nerolidol (tr-Ner) | 0.093 | 0.31 | ND | ND |
| Guaiol (Gua) | 0.15 | 0.499 | ND | ND | Caryophyllene Oxide (CarOx) | 0.183 | 0.611 | ND | ND |
| a-bisabolol (a-Bbis) | 0.159 | 0.529 | ND | ND | | | | | |
| Total Terpene Concentration | | | | | | | | 0.95 % | 9.49 mg/g |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed May 17, 2023 | 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 |

MWA - Moisture Content & Water Activity Analysis

Analyzed May 18, 2023 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

| Analyte | Result | Limit | Analyte | Result | Limit |
|----------------|----------|---------|---------------------|---------|---------|
| Moisture (Moi) | 7.7 % Mw | 13 % Mw | Water Activity (WA) | 0.54 aw | 0.85 aw |

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



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