

PharmLabs San Diego Certificate of Analysis

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ISO/IEC 17025:2017 Acc. L17-427-1 #85368



Sample **FADED - LIVE RESIN - Cherry Sherbert**

|                   |                                      |          |                                       |
|-------------------|--------------------------------------|----------|---------------------------------------|
| Sample ID         | SD240207-008 (90683)                 | Matrix   | Concentrate (Inhalable Cannabis Good) |
| Tested for        | LITTO                                |          |                                       |
| Sampled           | -                                    | Received | Feb 06, 2024                          |
| Analyses executed | CANX, RES, MIBIG, MTO, PES, HME, FVI | Reported | Feb 10, 2024                          |

**CANX - Cannabinoids Analysis**

Analyzed Feb 07, 2024 | Instrument HPLC-VWD | Method SOP-001  
The expanded Uncertainty of the Cannabinoid analysis is approximately  $\pm 8.06\%$  at the 95% Confidence Level

| Analyte  | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Sample photography |
|--|----------|----------|----------|-------------|--------------------|
| 11-Hydroxy- $\Delta^8$ -Tetrahydrocannabinol (11-Hyd- $\Delta^8$ -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- $\Delta^8$ -Tetrahydrocannabinol (11-Hyd- $\Delta^8$ -THC)   | 0.007    | 0.021    | ND       | ND          |                    |
| Cannabidiolic Acid (CBDA)  | 0.001    | 0.16     | ND       | ND          |                    |
| Cannabigerol Acid (CBGA)   | 0.001    | 0.16     | ND       | ND          |                    |
| Cannabigerol (CBG)   | 0.001    | 0.16     | ND       | ND          |                    |
| Cannabidiol (CBD)  | 0.001    | 0.16     | ND       | ND          |                    |
| $\Delta^8$ -THD (s-THD)  | 0.013    | 0.041    | 1.07     | 10.71       |                    |
| $\Delta^8$ -THD (r-THD)  | 0.025    | 0.075    | 3.55     | 35.54       |                    |
| Tetrahydrocannabinol (THCV)  | 0.001    | 0.16     | ND       | ND          |                    |
| $\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THCV)   | 0.021    | 0.064    | ND       | ND          |                    |
| Cannabidiol (CBDH)   | 0.005    | 0.16     | ND       | ND          |                    |
| Tetrahydrocannabinol ( $\Delta^9$ -THCB)   | 0.013    | 0.038    | ND       | ND          |                    |
| Cannabinol (CBN)   | 0.001    | 0.16     | 0.35     | 3.47        |                    |
| Cannabidiophorol (CBDP)  | 0.015    | 0.047    | ND       | ND          |                    |
| exo-THC (exo-THC)  | 0.005    | 0.16     | ND       | ND          |                    |
| Tetrahydrocannabinol ( $\Delta^9$ -THC)  | 0.003    | 0.16     | 0.15     | 1.52        |                    |
| $\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)  | 0.004    | 0.16     | ND       | ND          |                    |
| (6aR,9S)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^{10}$ )   | 0.015    | 0.16     | ND       | ND          |                    |
| Hexahydrocannabinol (S Isomer) (9s-HHC)  | 0.017    | 0.16     | 21.60    | 216.03      |                    |
| (6aR,9R)- $\Delta^{10}$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^{10}$ )   | 0.007    | 0.16     | ND       | ND          |                    |
| Hexahydrocannabinol (R Isomer) (9r-HHC)  | 0.016    | 0.16     | 53.51    | 535.13      |                    |
| Tetrahydrocannabinolic Acid (THCA)   | 0.001    | 0.16     | ND       | ND          |                    |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THCH)   | 0.024    | 0.071    | ND       | ND          |                    |
| Cannabinol Acetate (CBNO)  | 0.014    | 0.043    | ND       | ND          |                    |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THCP)   | 0.017    | 0.16     | ND       | ND          |                    |
| $\Delta^8$ -Tetrahydrocannabinol ( $\Delta^8$ -THCP)   | 0.041    | 0.16     | ND       | ND          |                    |
| Cannabicitran (CBT)  | 0.005    | 0.16     | ND       | ND          |                    |
| $\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THCO)  | 0.076    | 0.16     | ND       | ND          |                    |
| 9(S)-HHCP (s-HHCP)   | 0.031    | 0.094    | ND       | ND          |                    |
| $\Delta^9$ -THC-O-acetate ( $\Delta^9$ -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          |                    |
| 9(R)-HHC-O-acetate (r-HHCO)  | 0.008    | 0.025    | ND       | ND          |                    |
| 3-octyl- $\Delta^8$ -Tetrahydrocannabinol ( $\Delta^8$ -THC-C8)  | 0.067    | 0.204    | ND       | ND          |                    |
| <b>Total THC ( THCa * 0.877 + <math>\Delta^9</math>THC )</b>   |          |          | 0.15     | 1.52        |                    |
| <b>Total THC + <math>\Delta^8</math>THC + <math>\Delta^{10}</math>THC ( THCa * 0.877 + <math>\Delta^9</math>THC + <math>\Delta^8</math>THC + <math>\Delta^{10}</math>THC )</b> |          |          | 0.15     | 1.52        |                    |
| <b>Total CBD ( CBDA * 0.877 + CBD )</b>  |          |          | ND       | ND          |                    |
| <b>Total CBG ( CBGA * 0.877 + CBG )</b>  |          |          | ND       | ND          |                    |
| <b>Total HHC ( 9r-HHC + 9s-HHC )</b>   |          |          | 75.12    | 751.16      |                    |
| <b>Total Cannabinoids Analyzed</b>   |          |          | 80.24    | 802.40      |                    |

**HME - Heavy Metals Analysis**

Analyzed Feb 08, 2024 | 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   | <LOQ        | 1.5        |
| Cadmium (Cd) | 0.0005   | 0.0015   | ND          | 0.5        |
| Mercury (Hg) | 0.0058   | 0.0174   | 0.00        | 3          |
| Lead (Pb)    | 0.0006   | 0.0018   | 0.01        | 0.5        |
| Nickel (Ni)  | 6.0e-05  | 0.0002   | ND          |            |

**MIBIG - Microbial Analysis**

Analyzed Feb 09, 2024 | Instrument qPCR and/or Plating | Method SOP-007

| Analyte                                | LOD | LOQ | Result CFU/g | Limit         | Analyte             | LOD | LOQ | 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 |

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



Scan the QR code to verify authenticity.

Authorized Signature

*Brandon Starr*

Brandon Starr, Lab Manager  
Sat, 10 Feb 2024 13:32:14 -0800

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MTO - Mycotoxin Analysis

Analyzed Feb 10, 2024 | 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 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  
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PES - Pesticides Analysis

Analyzed Feb 10, 2024 | 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      | NT          | 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      | NT          | 0.04       |
| Chlorfenapyr            | 0.03     | 0.1      | NT          | 0.03       | Methyl Parathion      | 0.02     | 0.1      | NT          | 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        | Acetamidrid           | 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      | NT          | 1          | Cyfluthrin            | 0.04     | 0.1      | NT          | 2          |
| Fenhexamid              | 0.02     | 0.07     | ND          | 0.1        | Spinetoram J.L        | 0.02     | 0.07     | ND          | 0.1        |
| Pentachloronitrobenzene | 0.01     | 0.1      | NT          | 0.1        |                       |          |          |             |            |

RES - Residual Solvents Analysis

Analyzed Feb 08, 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)             | 0.4      | 40.0     | ND          |            | Butane (But)                  | 0.4      | 40.0     | ND          |            |
| Methanol (Metha)           | 0.4      | 40.0     | ND          |            | Ethylene Oxide (EthOx)        | 0.4      | 0.8      | ND          |            |
| Pentane (Pen)              | 0.4      | 40.0     | ND          |            | Ethanol (Ethanol)             | 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 (TriClIEth) | 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 Feb 08, 2024 | 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 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  
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