

PharmLabs San Diego Certificate of Analysis



Sample Pucker Punch Sour'd Sumo 25ct

|                  |         |                                      |                  |
|------------------|---------|--------------------------------------|------------------|
| Delta9 THC 0.15% | THCa ND | Total THC (THCa * 0.877 + THC) 0.15% | Delta8 THC 3.67% |
|------------------|---------|--------------------------------------|------------------|

|  |  |                              |
|--|--|------------------------------|
| Sample ID SD250729-003 (119650)  | Matrix Edible  | Batch ID F4G15PP1            |
| Tested for Fresh Farms E-Liquid LLC                                    |  |                              |
| Cultivator/Manufacturer/Microbusiness License FDAC #424823             | Address 2751 Commerce Center Way, Unit 400, Pembroke Park, FL , 33023-5993 | Name Bio Minerals Pharma LLC |
| Received Jul 28, 2025  | Reported Jan 05, 2026  |                              |
| Analyses executed CANX, RES, MIBIG, MICX, MTO, PES, HME, FVI, MWA, D9C | Unit Mass (g) 112.5  | Num. of Servings 25          |
|  |  | Serving Size (g) 4.5         |

Laboratory note: The licensee holds a current and valid permit as referenced in the Cultivator/Manufacturer/Microbusiness License field, and the facility meets the human health or food safety sanitization requirements of the regulatory entity as documented by the regulatory entity. Summary D9C: The total Δ9-THC content in this sample is 0.15%. For the most accurate Δ9-THC concentration, refer to the GC MS/MS section of this COA. This sample was tested using HPLC and GC MS/MS. HPLC analysis can yield inconsistent results for Δ8-THC and Δ9-THC due to isomer interference. GC MS/MS was employed to avoid this issue.

D9C - D9 Confirmation

Analyzed Jul 24, 2025 | Instrument GC MS/MS | Method SOP-041 D9C  
The expanded Uncertainty of the D9 Confirmation analysis is approximately ±7.806% at the 95% Confidence Level

| Analyte                          | LOD ppb | LOQ ppb | Result % | Result mg/g | Result mg/Serving | Result mg/Unit |
|----------------------------------|---------|---------|----------|-------------|-------------------|----------------|
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 1.462   | 4.432   | 0.15     | 1.52        | 6.84              | 171.00         |
| Total Cannabinoids Analyzed      | -       | -       | 0.15     | 1.52        | 6.84              | 171.00         |

CANx - Cannabinoids

Analyzed Jul 23, 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 | Result mg/Serving | Result mg/Unit |
|--|----------|----------|----------|-------------|-------------------|----------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)                  | 0.013    | 0.041    | ND       | ND          | ND                | ND             |
| Cannabidiol (CBDO)   | 0.006    | 0.02     | ND       | ND          | ND                | ND             |
| Abnormal Cannabidiol (a-CBDO)  | 0.013    | 0.038    | ND       | ND          | ND                | ND             |
| (+/-)-9B-Hydroxy-Hexahydrocannabinol (9b-HHC)                        | 0.015    | 0.045    | ND       | ND          | ND                | ND             |
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)                   | 0.015    | 0.045    | ND       | ND          | ND                | ND             |
| Cannabidiolic Acid (CBDA)  | 0.033    | 0.16     | ND       | ND          | ND                | ND             |
| Cannabigerol Acid (CBGA)   | 0.033    | 0.16     | ND       | ND          | ND                | ND             |
| Cannabigerol (CBG)   | 0.048    | 0.16     | 0.02     | 0.17        | 0.76              | 19.12          |
| Cannabidiol (CBD)  | 0.069    | 0.229    | 2.83     | 28.26       | 127.17            | 3179.25        |
| 1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)                              | 0.008    | 0.026    | ND       | ND          | ND                | ND             |
| 1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)                              | 0.016    | 0.049    | ND       | ND          | ND                | ND             |
| Tetrahydrocannabinol (THCV)  | 0.049    | 0.162    | 0.01     | 0.05        | 0.22              | 5.62           |
| Δ8-tetrahydrocannabinol (Δ8-THCV)                                    | 0.012    | 0.036    | 0.02     | 0.17        | 0.76              | 19.12          |
| Cannabidihexol (CBDH)  | 0.014    | 0.042    | ND       | ND          | ND                | ND             |
| Tetrahydrocannabinol (Δ9-THCB)                                       | 0.01     | 0.029    | ND       | ND          | ND                | ND             |
| Cannabinol (CBN)   | 0.047    | 0.16     | 0.01     | 0.09        | 0.40              | 10.12          |
| Cannabidiphoral (CBDP)   | 0.016    | 0.049    | ND       | ND          | ND                | ND             |
| exo-THC (exo-THC)  | 0.016    | 0.8      | ND       | ND          | ND                | ND             |
| Tetrahydrocannabinol (Δ9-THC)  | 0.092    | 0.307    | D9C      | D9C         | D9C               | D9C            |
| Δ8-tetrahydrocannabinol (Δ8-THC)                                     | 0.044    | 0.16     | 3.67     | 36.66       | 164.97            | 4124.25        |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)                     | 0.015    | 0.8      | ND       | ND          | ND                | ND             |
| Hexahydrocannabinol (S Isomer) (9s-HHC)                              | 0.017    | 0.8      | ND       | ND          | ND                | ND             |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)                     | 0.007    | 0.8      | ND       | ND          | ND                | ND             |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                              | 0.016    | 0.8      | ND       | ND          | ND                | ND             |
| Tetrahydrocannabinolic Acid (THCA)                                   | 0.117    | 0.389    | ND       | ND          | ND                | ND             |
| Δ9-Tetrahydrocannabinol (Δ9-THCH)                                    | 0.02     | 0.061    | ND       | ND          | ND                | ND             |
| Cannabinol Acetate (CBNO)  | 0.009    | 0.027    | ND       | ND          | ND                | ND             |
| 9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa)                          | 0.063    | 0.065    | ND       | ND          | ND                | ND             |
| 9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa)                          | 0.191    | 0.196    | ND       | ND          | ND                | ND             |
| Δ9-Tetrahydrocannabinol (Δ9-THCP)                                    | 0.017    | 0.8      | 0.16     | 1.59        | 7.16              | 178.88         |
| Δ8-Tetrahydrocannabinol (Δ8-THCP)                                    | 0.041    | 0.8      | 0.01     | 0.12        | 0.54              | 13.50          |
| Cannabicitran (CBT)  | 0.005    | 0.16     | 0.02     | 0.17        | 0.76              | 19.12          |
| Δ8-THC-O-acetate (Δ8-THCO)   | 0.076    | 0.8      | ND       | ND          | ND                | ND             |
| 9(S)-HHCP (s-HHCP)   | 0.013    | 0.041    | ND       | ND          | ND                | ND             |
| Δ9-THC-O-acetate (Δ9-THCO)   | 0.066    | 0.8      | ND       | ND          | ND                | ND             |
| 9(R)-HHCP (r-HHCP)   | 0.015    | 0.045    | ND       | ND          | ND                | ND             |
| 9(S)-HHC-O-acetate (s-HHCO)  | 0.037    | 0.112    | ND       | ND          | ND                | ND             |
| 9(R)-HHC-O-acetate (r-HHCO)  | 0.031    | 0.093    | ND       | ND          | ND                | ND             |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)                          | 0.021    | 0.062    | ND       | ND          | ND                | ND             |
| Total THC ( THCa * 0.877 + Δ9THC )                                   |          |          | D9C      | D9C         | D9C               | D9C            |
| Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC ) |          |          | 3.67     | 36.66       | 164.97            | 4124.25        |
| Total CBD ( CBDA * 0.877 + CBD )                                     |          |          | 2.83     | 28.26       | 127.17            | 3179.25        |
| Total CBG ( CBGa * 0.877 + CBG )                                     |          |          | 0.02     | 0.17        | 0.76              | 19.12          |
| Total HHC ( 9r-HHC + 9s-HHC )  |          |          | ND       | ND          | ND                | ND             |
| Total Cannabinoids Analyzed  |          |          | 6.73     | 67.28       | 302.76            | 7569.00        |

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



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ISO/IEC 17025:2017 Acc. 85368



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Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
Mon, 05 Jan 2026 17:16:21 -0800

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HME - Heavy Metals

Analyzed Aug 08, 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   | 0.01        | 0.2        |
| Cadmium (Cd) | 0.0005   | 0.0015   | ND          | 0.2        |
| Mercury (Hg) | 0.0058   | 0.0174   | 0.01        | 0.2        |
| Lead (Pb)    | 0.0006   | 0.0018   | <LOQ        | 0.2        |

MIBIG - Microbial

Analyzed Aug 05, 2025 | Instrument 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           | 1           |
| Salmonella spp.                        | 1.0       | 1.0       | ND           | N/A         |
| Aspergillus fumigatus                  | 1.0       | 1.0       | Negative     | 1           |
| Aspergillus flavus                     | 1.0       | 1.0       | Negative     | 1           |
| Aspergillus niger                      | 1.0       | 1.0       | Negative     | 1           |
| Aspergillus terreus                    | 1.0       | 1.0       | Negative     | 1           |

MTO - Mycotoxin

Analyzed Aug 06, 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           | 20          |
| Aflatoxin B2 | 2.5       | 5.0       | ND           | 20          | Aflatoxin G1     | 2.5       | 5.0       | ND           | 20          |
| Aflatoxin G2 | 2.5       | 5.0       | ND           | 20          | 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



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PES - Pesticides

Analyzed Aug 06, 2025 | 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                | 0.01     | 0.02     | ND          | 0.02       | Carbofuran            | 0.01     | 0.02     | ND          | 0.02       |
| Dimethoate              | 0.01     | 0.02     | ND          | 0.02       | Etofenprox            | 0.02     | 0.1      | ND          | 0.1        |
| Fenoxycarb              | 0.01     | 0.02     | ND          | 0.02       | Thiachlorprid         | 0.01     | 0.02     | ND          | 0.02       |
| Daminozide              | 0.01     | 0.03     | ND          | 0.03       | Dichlorvos            | 0.02     | 0.07     | ND          | 0.07       |
| Imazalil                | 0.02     | 0.07     | ND          | 0.07       | Methiocarb            | 0.01     | 0.02     | ND          | 0.02       |
| Spiroxamine             | 0.01     | 0.02     | ND          | 0.02       | Coumaphos             | 0.01     | 0.02     | ND          | 0.02       |
| Fipronil                | 0.01     | 0.1      | ND          | 0.1        | Paclobutrazol         | 0.01     | 0.03     | ND          | 0.03       |
| Chlorpyrifos            | 0.01     | 0.04     | ND          | 0.04       | Ethoprophos (Prophos) | 0.01     | 0.02     | ND          | 0.02       |
| Baygon (Propoxur)       | 0.01     | 0.02     | ND          | 0.02       | Chlordane             | 0.04     | 0.1      | ND          | 0.1        |
| Chlorfenapyr            | 0.03     | 0.1      | ND          | 0.1        | Methyl Parathion      | 0.02     | 0.1      | ND          | 0.1        |
| Mevinphos               | 0.03     | 0.08     | ND          | 0.08       | Abamectin             | 0.03     | 0.08     | ND          | 0.08       |
| Acephate                | 0.02     | 0.05     | ND          | 0.05       | Acetamiprid           | 0.01     | 0.05     | ND          | 0.05       |
| Azoxystrobin            | 0.01     | 0.02     | ND          | 0.02       | Bifenazate            | 0.01     | 0.05     | ND          | 0.05       |
| Bifenthrin              | 0.02     | 0.35     | ND          | 0.1        | Boscalid              | 0.01     | 0.03     | ND          | 0.03       |
| Carbaryl                | 0.01     | 0.02     | ND          | 0.02       | Chlorantranilprole    | 0.01     | 0.04     | ND          | 0.04       |
| Clofentezine            | 0.01     | 0.03     | ND          | 0.03       | Diazinon              | 0.01     | 0.02     | ND          | 0.02       |
| Dimethomorph            | 0.02     | 0.06     | ND          | 0.06       | Etoxazole             | 0.01     | 0.05     | ND          | 0.05       |
| Fenpyroximate           | 0.02     | 0.1      | ND          | 0.1        | Fonicamid             | 0.01     | 0.02     | ND          | 0.02       |
| Fludioxonil             | 0.01     | 0.05     | ND          | 0.05       | Hexythiazox           | 0.01     | 0.03     | ND          | 0.03       |
| Imidacloprid            | 0.01     | 0.05     | ND          | 0.05       | Kresoxim-methyl       | 0.01     | 0.03     | ND          | 0.03       |
| Malathion               | 0.01     | 0.05     | ND          | 0.05       | Metalaxyl             | 0.01     | 0.02     | ND          | 0.02       |
| Methomyl                | 0.02     | 0.05     | ND          | 0.05       | Myclobutanil          | 0.02     | 0.07     | ND          | 0.07       |
| Naled                   | 0.01     | 0.02     | ND          | 0.02       | Oxamyl                | 0.01     | 0.02     | ND          | 0.02       |
| Permethrin              | 0.01     | 0.02     | ND          | 0.02       | Phosmet               | 0.01     | 0.02     | ND          | 0.02       |
| Piperonyl Butoxide      | 0.02     | 0.06     | ND          | 0.06       | Propiconazole         | 0.03     | 0.08     | ND          | 0.08       |
| Prallethrin             | 0.02     | 0.05     | ND          | 0.05       | Pyrethrin             | 0.05     | 0.41     | ND          | 0.1        |
| Pyridaben               | 0.02     | 0.07     | ND          | 0.07       | Spinosad A            | 0.01     | 0.05     | ND          | 0.05       |
| Spinosad D              | 0.01     | 0.05     | ND          | 0.05       | Spiromesifen          | 0.02     | 0.06     | ND          | 0.06       |
| Spirotetramat           | 0.01     | 0.02     | ND          | 0.02       | Tebuconazole          | 0.01     | 0.02     | ND          | 0.02       |
| Thiamethoxam            | 0.01     | 0.02     | ND          | 0.02       | Trifloxystrobin       | 0.01     | 0.02     | ND          | 0.02       |
| Acequinocyl             | 0.02     | 0.09     | ND          | 0.09       | Captan                | 0.01     | 0.02     | ND          | 0.02       |
| Cypermethrin            | 0.02     | 0.1      | ND          | 0.1        | Cyfluthrin            | 0.04     | 0.1      | ND          | 0.1        |
| Fenhexamid              | 0.02     | 0.07     | ND          | 0.07       | Spinetoram J,L        | 0.02     | 0.07     | ND          | 0.07       |
| Pentachloronitrobenzene | 0.01     | 0.1      | ND          | 0.1        |                       |          |          |             |            |

RES - Residual Solvents

Analyzed Aug 08, 2025 | 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)             | 0.044    | 0.4      | ND          | N/A        | Butane (But)                  | 0.02     | 0.4      | ND          | 800        |
| Methanol (Metha)           | 1.176    | 3.92     | 65.6        | N/A        | Ethylene Oxide (EthOx)        | 0.08     | 0.4      | ND          | N/A        |
| Pentane (Pen)              | 0.024    | 0.4      | ND          | N/A        | Ethanol (Ethanol)             | 0.048    | 0.4      | ND          | 5000       |
| Ethyl Ether (EthEt)        | 0.036    | 0.4      | ND          | N/A        | Acetone (Acet)                | 0.044    | 0.4      | <LOQ        | N/A        |
| Isopropanol (2-Pro)        | 1.16     | 3.868    | <LOQ        | N/A        | Acetonitrile (Acetonit)       | 0.888    | 2.952    | ND          | N/A        |
| Methylene Chloride (MetCh) | 0.04     | 0.4      | ND          | N/A        | Hexane (Hex)                  | 0.012    | 0.4      | 52.8        | 100        |
| Ethyl Acetate (EthAc)      | 0.032    | 0.4      | ND          | N/A        | Chloroform (Clo)              | 0.028    | 0.4      | ND          | N/A        |
| Benzene (Ben)              | 0.012    | 0.4      | ND          | N/A        | 1,2-Dichloroethane (1,2-Dich) | 0.024    | 0.4      | ND          | N/A        |
| Heptane (Hep)              | 0.012    | 0.4      | ND          | 500        | Trichloroethylene (TriClEth)  | 0.072    | 0.4      | ND          | N/A        |
| Toluene                    | 0.036    | 0.4      | ND          | N/A        | Xylenes (Xyl)                 | 0.012    | 0.4      | ND          | N/A        |

FVI - Filth & Foreign Material Inspection

Analyzed Aug 01, 2025 | 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

Analyzed Aug 08, 2025 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

| Analyte             | LOD a <sub>w</sub> | LOQ a <sub>w</sub> | Result              | Limit | Analyte        | LOD % M/w | LOQ % M/w | Result    | Limit |
|---------------------|--------------------|--------------------|---------------------|-------|----------------|-----------|-----------|-----------|-------|
| Water Activity (WA) | 0.03               | 0.03               | 0.69 a <sub>w</sub> |       | Moisture (Moi) | 0.0       | 0.0       | 11.0 % Mw |       |

MICx - Microbial X

Analyzed Aug 05, 2025 | Instrument Plating | Method SOP-007

| Analyte                              | LOD CFU/G | LOQ CFU/G | Result CFU/G | Limit CFU/G |
|--------------------------------------|-----------|-----------|--------------|-------------|
| Total Yeast & Molds (TYM)            | 1.0       | 1.0       | ND           | 10000       |
| Listeria (LIS)                       | 1.0       | 1.0       | ND           | N/A         |
| Gram Negative Bacteria (BTGN)        | 1.0       | 1.0       | ND           | 1000        |
| Total Viable Aerobic Bacteria (TVAB) | 1.0       | 1.0       | ND           | 100000      |

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



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