

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 **Looper Melted Series Purple Punch**

|                   |                                      |          |                                       |
|-------------------|--------------------------------------|----------|---------------------------------------|
| Sample ID         | SD230223-051 (67021)                 | Matrix   | Concentrate (Inhalable Cannabis Good) |
| Tested for        | L&K Distribution                     | Received | Feb 23, 2023                          |
| Sampled           | -                                    | Reported | Mar 01, 2023                          |
| Analyses executed | CANX, RES, MIBIG, MTO, PES, HME, FVI |          |                                       |

**CANX - Cannabinoids Analysis**

Analyzed Mar 01, 2023 | Instrument HPLC  
 Measurement Uncertainty at 95% confidence 7.806%

| Analyte  | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Sample photography |
|--|----------|----------|----------|-------------|--------------------|
| 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     | 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          |                    |
| 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     | ND       | ND          |                    |
| 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     | ND       | ND          |                    |
| 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     | 28.58    | 285.82      |                    |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)                   | 0.007    | 0.16     | ND       | ND          |                    |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                            | 0.016    | 0.16     | 64.47    | 644.66      |                    |
| Tetrahydrocannabinolic Acid (THCA)                                 | 0.001    | 0.16     | ND       | ND          |                    |
| Δ9-Tetrahydrocannabinol (Δ9-THCH)                                  | 0.024    | 0.071    | 4.57     | 45.74       |                    |
| Cannabinol Acetate (CBNO)  | 0.014    | 0.043    | ND       | ND          |                    |
| Δ9-Tetrahydrocannabinophorol (Δ9-THCP)                             | 0.017    | 0.16     | 3.07     | 30.72       |                    |
| Δ8-Tetrahydrocannabinophorol (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    | <LOQ     | <LOQ        |                    |
| Δ9-THC methyl ether (Δ9-MeO-THC)                                   |          |          | ND       | ND          |                    |
| Total THC (THCa * 0.877 + Δ9THC)                                   |          |          | ND       | ND          |                    |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) |          |          | ND       | ND          |                    |
| Total CBD (CBDA * 0.877 + CBD)                                     |          |          | ND       | ND          |                    |
| Total CBG (CBGA * 0.877 + CBG)                                     |          |          | ND       | ND          |                    |
| Total HHC (9r-HHC + 9s-HHC)  |          |          | 93.05    | 930.48      |                    |
| Total Cannabinoids   |          |          | 100.69   | 1006.94     |                    |

**HME - Heavy Metals Detection Analysis**

Analyzed Feb 23, 2023 | 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   | ND          | 0.2        |
| Mercury (Hg) | 1.0e-05  | 0.0001   | ND          | 0.1        | Lead (Pb)    | 1.0e-05  | 0.00125  | 0.00        | 0.5        |

**MIBIG - Microbial Testing Analysis**

Analyzed Feb 23, 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 |

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  
 Wed, 01 Mar 2023 14:33:17 -0800

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1



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MTO - Mycotoxin Testing Analysis

Analyzed Feb 27, 2023 | 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



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PES - Pesticides Screening Analysis

Analyzed Feb 27, 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        | 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         |
| Clofentazine            | 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        |                       |          |          |             |            |

RES - Residual Solvents Testing Analysis

Analyzed Feb 24, 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          | 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      | ND          | 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     | 82.4        | 5000.0     |
| Isopropanol (2-Pro)        | 0.4      | 40.0     | <LOQ        | 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     | <LOQ        | 890.0      | Xylenes (Xyl)                | 0.4      | 40.0     | ND          | 2170.0     |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Feb 23, 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     |

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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