

PharmLabs San Diego Certificate of Analysis

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



Sample **THCA Diamond Encrusted Pre-Rolls - Cotton Candy**

|                                |   |
|--------------------------------|---|
| Sample ID SD240104-003 (89201) | Matrix Flower (Inhalable Cannabis Good) |
| Tested for A8 Industries       |   |
| Sampled -                      | Received Jan 03, 2024                   |
| Analyses executed FP-IO20      | Reported Jan 10, 2024                   |

CANX - Cannabinoids Analysis

Analyzed Jan 05, 2024 | Instrument HPLC-VWD | Method SOP-001  
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-Tetrahydrocannabinarin (11-Hyd-Δ8-THCV)              | 0.013    | 0.041    | ND       | ND          |
| Cannabidiolrclin (CBDO)  | 0.002    | 0.007    | ND       | ND          |
| Abnormal Cannabidiolrclin (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     | 0.07     | 0.71        |
| Cannabigerol Acid (CBGA)   | 0.001    | 0.16     | 6.05     | 60.48       |
| Cannabigerol (CBG)   | 0.001    | 0.16     | 0.18     | 1.76        |
| Cannabidiol (CBD)  | 0.001    | 0.16     | 0.36     | 3.60        |
| 1(S)-THD (s-THD)   | 0.013    | 0.041    | ND       | ND          |
| 1(R)-THD (r-THD)   | 0.025    | 0.075    | ND       | ND          |
| Tetrahydrocannabinarin (THCV)                                      | 0.001    | 0.16     | ND       | ND          |
| Δ8-tetrahydrocannabinarin (Δ8-THCV)                                | 0.021    | 0.064    | ND       | ND          |
| Cannabidihexol (CBDH)  | 0.005    | 0.16     | ND       | ND          |
| Tetrahydrocannabinol (Δ9-THCB)                                     | 0.013    | 0.038    | ND       | ND          |
| Cannabinol (CBN)   | 0.001    | 0.16     | 0.14     | 1.41        |
| 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     | 0.30     | 2.96        |
| Δ8-tetrahydrocannabinol (Δ8-THC)                                   | 0.004    | 0.16     | 0.08     | 0.81        |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)                   | 0.015    | 0.16     | ND       | ND          |
| Hexahydrocannabinol (S Isomer) (9s-HHC)                            | 0.017    | 0.16     | 2.08     | 20.83       |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)                   | 0.007    | 0.16     | ND       | ND          |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                            | 0.016    | 0.16     | 5.91     | 59.11       |
| Tetrahydrocannabinolic Acid (THCA)                                 | 0.001    | 0.16     | 14.61    | 146.06      |
| Δ9-Tetrahydrocannabinol (Δ9-THCH)                                  | 0.024    | 0.071    | ND       | ND          |
| Cannabinol Acetate (CBNO)  | 0.014    | 0.043    | ND       | ND          |
| Δ9-Tetrahydrocannabinophorol (Δ9-THCP)                             | 0.017    | 0.16     | ND       | ND          |
| 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          |
| 9(R)-HHC-O-acetate (r-HHCO)  | 0.008    | 0.025    | 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)                                   |          |          | 13.11    | 131.05      |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) |          |          | 13.19    | 131.86      |
| Total CBD (CBDA * 0.877 + CBD)                                     |          |          | 0.42     | 4.22        |
| Total CBG (CBGa * 0.877 + CBG)                                     |          |          | 5.48     | 54.80       |
| Total HHC (9r-HHC + 9s-HHC)  |          |          | 7.99     | 79.94       |
| Total Cannabinoids   |          |          | 27.22    | 272.24      |

Sample photography



\*Dry Weight %

HME - Heavy Metals Analysis

Analyzed Jan 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   | 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   | ND          | 0.5        |
| Nickel (Ni)  | 6.0e-05  | 0.0002   | ND          |            |

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  
Wed, 10 Jan 2024 12:27:20 -0800

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

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MIBIG - Microbial Analysis

Analyzed Jan 08, 2024 | Instrument qPCR and/or Plating | Method SOP-007

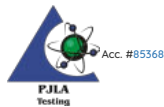
| Analyte                                | LOD | LOQ | Result<br>CFU/g | Limit         | Analyte             | LOD | LOQ | Result<br>CFU/g | Limit         |
|--|-----|-----|-----------------|---------------|---------------------|-----|-----|-----------------|---------------|
| Shiga toxin-producing Escherichia 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 Analysis

Analyzed Jan 05, 2024 | Instrument LC/MSMS | Method SOP-004

| Analyte      | LOD<br>ug/kg | LOQ<br>ug/kg | Result<br>ug/kg (ppb) | Limit<br>ug/kg | Analyte          | LOD<br>ug/kg | LOQ<br>ug/kg | Result<br>ug/kg (ppb) | Limit<br>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  
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PES - Pesticides Analysis

Analyzed Jan 05, 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       |
| 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        | Acetamidprid          | 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        |                       |          |          |             |            |

RES - Residual Solvents Analysis

Analyzed Jan 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     | 286.2       |            | Ethylene Oxide (EthOx)       | 0.4      | 0.8      | ND          |            |
| Pentane (Pen)              | 0.4      | 40.0     | ND          |            | Ethanol (Ethanol)            | 0.4      | 40.0     | 210.0       |            |
| Ethyl Ether (EthEt)        | 0.4      | 40.0     | ND          |            | Acetone (Acet)               | 0.4      | 40.0     | 61.8        |            |
| 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 Jan 04, 2024 | Instrument Microscope | Method SOP-010

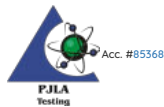
| Analyte / Limit  | Result | Analyte / Limit  | Result |
|--|--------|--|--------|
| > 1/4 of the total sample area covered by sand, soil, cinders, or dirt | ND     | > 1/4 of the total sample area covered by mold                         | ND     |
| > 1 insect fragment, 1 hair, or 1 count mammalian excreta per 3g       | ND     | > 1/4 of the total sample area covered by an imbedded foreign material | ND     |

MWA - Moisture Content & Water Activity Analysis

Analyzed Jan 05, 2024 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

| Analyte        | LOD % | LOQ % | Result   | Limit   | Analyte             | LOD % | LOQ % | Result              | Limit               |
|----------------|-------|-------|----------|---------|---------------------|-------|-------|---------------------|---------------------|
| Moisture (Moi) | 0.0   | 0.0   | 6.6 % Mw | 13 % Mw | Water Activity (WA) | 0.03  | 0.03  | 0.47 a <sub>w</sub> | 0.85 a <sub>w</sub> |

UI Unidentified  
 ND Not Detected  
 N/A Not Applicable  
 NT Not Reported  
 LOD Limit of Detection  
 LOQ Limit of Quantification  
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 >ULOL Above upper limit of linearity  
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