

PharmLabs San Diego Certificate of Analysis

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



Sample **Level Up - Bubba Kush**

|                   |   |          |                                       |
|-------------------|---|----------|---------------------------------------|
| Sample ID         | SD240220-015 (91263)                      | Matrix   | Concentrate (Inhalable Cannabis Good) |
| Tested for        | Calli Extrax                              |          |                                       |
| Sampled           | -   | Received | Feb 19, 2024                          |
| Analyses executed | CANX, RES, MIBIG, MTO, PES, HME, FVI, D9C | Reported | Feb 22, 2024                          |

**Summary D9C:** The total Δ9-THC content in this sample is 0.00%. 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. Please note, if THCa is present, the Δ9-THC level measured by GC MS/MS might be higher due to decarboxylation.

**D9C - D9 Confirmation Analysis**

Analyzed Feb 21, 2024 | Instrument GC MS/MS | Method SOP-D9C  
 The expanded Uncertainty of the analysis is approximately ±7.806% at the 95% Confidence Level

| Analyte                          | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|----------------------------------|----------|----------|----------|-------------|
| Δ9-Tetrahydrocannabinol (Δ9-THC) | 0.387    | 1.174    | 0.00     | 0.00        |

**CANX - Cannabinoids Analysis**

Analyzed Feb 21, 2024 | Instrument HPLC-VWD | Method SOP-001  
 The expanded Uncertainty of the Cannabinoid analysis is approximately ±7.806% at the 95% Confidence Level

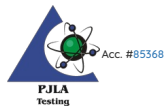
| Analyte   | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|---|----------|----------|----------|-------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THCV)                 | 0.013    | 0.041    | ND       | ND          |
| Cannabidiol (CBD)   | 0.002    | 0.007    | ND       | ND          |
| Abnormal Cannabidiol (a-CBD)  | 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     | 1.95     | 19.54       |
| Δ(S)-THD (s-THD)  | 0.013    | 0.041    | ND       | ND          |
| Δ(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    | 0.71     | 7.13        |
| Cannabidiol (CBDH)  | 0.005    | 0.16     | ND       | ND          |
| Tetrahydrocannabinol (Δ9-THCB)                                      | 0.013    | 0.038    | 1.88     | 18.82       |
| Cannabinol (CBN)  | 0.001    | 0.16     | 3.66     | 36.60       |
| 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     | 0.65     | 6.51        |
| Δ8-tetrahydrocannabinol (Δ8-THC)                                    | 0.004    | 0.16     | 51.88    | 518.80      |
| (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          |
| Tetrahydrocannabinol (THCA)   | 0.001    | 0.16     | 0.08     | 0.80        |
| Δ9-Tetrahydrocannabinol (Δ9-THCH)                                   | 0.024    | 0.071    | ND       | ND          |
| Cannabinol Acetate (CBNO)   | 0.014    | 0.043    | 0.42     | 4.19        |
| Δ9-Tetrahydrocannabinol (Δ9-THCP)                                   | 0.017    | 0.16     | 0.39     | 3.89        |
| Δ8-Tetrahydrocannabinol (Δ8-THCP)                                   | 0.041    | 0.16     | 1.48     | 14.81       |
| Cannabicitran (CBT)   | 0.005    | 0.16     | 0.58     | 5.75        |
| 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          |
| <b>Total THC ( THCa + Δ9THC )</b>                                   |          |          | 0.72     | 7.21        |
| <b>Total THC + Δ8THC + Δ10THC ( THCa + Δ9THC + Δ8THC + Δ10THC )</b> |          |          | 52.60    | 526.01      |
| <b>Total CBD ( CBDa + 0.877 + CBD )</b>                             |          |          | 1.95     | 19.54       |
| <b>Total CBG ( CBGa + 0.877 + CBG )</b>                             |          |          | ND       | ND          |
| <b>Total HHC ( 9r-HHC + 9s-HHC )</b>                                |          |          | ND       | ND          |
| <b>Total Cannabinoids Analyzed</b>                                  |          |          | 63.67    | 636.74      |

**HME - Heavy Metals Analysis**

Analyzed Feb 20, 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   | 0.00        | 1.5        |
| Cadmium (Cd) | 0.0005   | 0.0015   | 0.00        | 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   | NT          |            |

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  
 Thu, 22 Feb 2024 11:49:49 -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 Feb 22, 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 Feb 22, 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  
 <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 22, 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      | ND          | 0.01       | Paclobotrazol         | 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               | 0.03     | 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        | 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-methylj      | 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 Feb 21, 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 (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 Feb 19, 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     |

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  
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