

PharmLabs San Diego Certificate of Analysis



3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC  
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368

Sample HHC Highlighter - Blue Dream - 2 Gram (Hybrid) CRD231506-01

Table with sample details: Sample ID SD230622-100 (80232), Matrix Concentrate (Inhalable Cannabis Good), Tested for Canna River, Received Jun 22, 2023, Reported Jul 06, 2023, Analyses executed CANX, RES, MIBIG, MTO, PES, HME, FVI, Unit Mass (g) 2.0

Laboratory note: The estimated concentration of the unknown peak in the sample is 0.90% | Currently PharmLabs laboratory can not confirm an unidentified peak in your chromatogram due to interference (only with highly concentrated D8 products) from which we believe to be either (+)-8-THC or (-)-8-THC. At this time there are no reference standards available for (+)-8-THC. (+)-8-THC is a different compound from the main (-)-8-THC cannabinoid and, therefore, these two compounds may have different efficacies. Using the most advanced instruments and techniques available, the separation of (+)-8-THC and (-)-8-THC is problematic for the scientific community as a whole. PharmLabs believes the unidentified peak to be a combination of (+)-8-THC and (-)-8-THC with the majority, if not all, of the concentration being (+)-8-THC. Total (+/-) 8-THC Concentration is estimated to be: 1.83%

CANX - Cannabinoids Analysis

Analyzed Jul 03, 2023 | Instrument HPLC-VWD | Method  
The expanded Uncertainty of the Cannabinoid analysis is approximately ±.806% at the 95% Confidence Level

Table with columns: Analyte, LOD mg/g, LOQ mg/g, Result %, Result mg/g, Result mg/Unit. Lists various cannabinoids like TH-CBD, CBDO, HHC, etc.

Sample photography



HME - Heavy Metals Detection Analysis

Analyzed Jun 30, 2023 | Instrument ICP/MSMS | Method SOP-005

Table with columns: Analyte, LOD ug/g, LOQ ug/g, Result ug/g, Limit ug/g. Lists heavy metals: Arsenic (As), Cadmium (Cd), Mercury (Hg), Lead (Pb).

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  
Thu, 06 Jul 2023 14:32:11 -0700

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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MIBIG - Microbial Testing Analysis

Analyzed Jul 03, 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 |

MTO - Mycotoxin Testing Analysis

Analyzed Jun 30, 2023 | Instrument LC/MSMS | Method SOP-004

| Analyte      | LOD ug/kg | LOG ug/kg | Result ug/kg (ppb) | Limit ug/kg | Analyte          | LOD ug/kg | LOG 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  
 LOG 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 Screening Analysis

Analyzed Jun 30, 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      | NT          | 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      | NT          | 0.04       |
| Chlorfenapyr            | 0.03     | 0.1      | NT          | 0.03       | Methyl Parathion      | 0.02     | 0.1      | NT          | 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      | 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 Testing Analysis

Analyzed Jul 03, 2023 | Instrument GC/FID with Headspace Analyzer | Method SOP-006

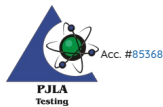
| Analyte                    | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g | Analyte                       | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|----------------------------|----------|----------|-------------|------------|-------------------------------|----------|----------|-------------|------------|
| Propane (Prop)             | 0.4      | 40.0     | ND          | 40.0       | Butane (But)                  | 0.4      | 40.0     | ND          | 40.0       |
| Methanol (Metha)           | 0.4      | 40.0     | ND          | 40.0       | Ethylene Oxide (EthOx)        | 0.4      | 0.8      | 30.5        | 30.5       |
| Pentane (Pen)              | 0.4      | 40.0     | ND          | 40.0       | Ethanol (Ethan)               | 0.4      | 40.0     | ND          | 40.0       |
| Ethyl Ether (EthEt)        | 0.4      | 40.0     | ND          | 40.0       | Acetone (Acet)                | 0.4      | 40.0     | 84.5        | 84.5       |
| Isopropanol (2-Pro)        | 0.4      | 40.0     | 291.4       | 40.0       | Acetonitrile (Acetonit)       | 0.4      | 40.0     | ND          | 40.0       |
| Methylene Chloride (MetCh) | 0.4      | 0.8      | ND          | 0.8        | Hexane (Hex)                  | 0.4      | 40.0     | ND          | 40.0       |
| Ethyl Acetate (EthAc)      | 0.4      | 40.0     | ND          | 40.0       | Chloroform (Clo)              | 0.4      | 0.8      | ND          | 0.8        |
| Benzene (Ben)              | 0.4      | 0.8      | ND          | 0.8        | 1,2-Dichloroethane (12-Dich)  | 0.4      | 0.8      | ND          | 0.8        |
| Heptane (Hep)              | 0.4      | 40.0     | ND          | 40.0       | Trichloroethylene (TriClIEth) | 0.4      | 0.8      | ND          | 0.8        |
| Toluene (Toluene)          | 0.4      | 40.0     | ND          | 40.0       | Xylenes (Xyl)                 | 0.4      | 40.0     | ND          | 40.0       |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Jun 29, 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  
 TNTC Too Numerous to Count



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