

PharmLabs San Diego Certificate of Analysis



Sample **Demon 5000 Gummies Pineapple Express**

Delta9 THC **0.16%** THCa **ND** Total THC (THCa + 0.877 + THC) **0.16%** Delta8 THC **2.23%**

| | | | | | |
|------------|---------------------------|-------------------|---|------------------|--------------|
| Sample ID | SD241024-003 (101421) | Matrix | Edible | Batch ID/Lot ID | 10082 |
| Tested for | High Harvest Hemp Company | Received | Oct 23, 2024 | Reported | Oct 31, 2024 |
| Sampled | - | Analyses executed | CAN+, RES, MIBIG, TYMC, MTO, PES, HME, FVI, MWA | Unit Mass (g) | 19.735 |
| | | | | Num. of Servings | 4 |
| | | | | Serving Size (g) | 4.93 |

CAN+ - Cannabinoids Analysis

Analyzed Oct 28, 2024 | Instrument HPLC-VWD | Method SOP-001
 The expanded Uncertainty of the Cannabinoid analysis is approximately $\pm 7.806\%$ at the 95% Confidence Level

| Analyte | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Result mg/Serving | Result mg/Unit | Sample photography |
|---|----------|----------|----------|-------------|-------------------|----------------|--------------------|
| Cannabidiol (CBD) | 0.039 | 0.16 | ND | ND | ND | ND | |
| Cannabidiol (CBDV) | 0.039 | 0.16 | ND | ND | ND | ND | |
| Cannabidiol (CBD) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Cannabidiol (CBD) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Cannabidiol (CBD) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Cannabidiol (CBD) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Tetrahydrocannabinol (THC) | 0.001 | 0.16 | ND | ND | ND | ND | |
| Total THC (THCa + 0.877 + Δ9THC) | | | 0.16 | 1.64 | 8.09 | 32.37 | |
| Total THC + Δ8THC (THCa + 0.877 + Δ9THC + Δ8THC) | | | 2.40 | 23.96 | 118.12 | 472.85 | |
| Total CBD (CBDa + 0.877 + CBD) | | | ND | ND | ND | ND | |
| Total CBG (CBGa + 0.877 + CBG) | | | ND | ND | ND | ND | |
| Total Cannabinoids Analyzed | | | 2.40 | 23.96 | 118.12 | 472.85 | |

HME - Heavy Metals Analysis

Analyzed Oct 27, 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 | <LOQ | 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 |

MIBIG - Microbial Analysis

Analyzed Oct 31, 2024 | Instrument qPCR and/or Plating | Method SOP-007

| Analyte | LOD | LOQ | Result CFU/g | Limit | Analyte | LOD | LOQ | 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 Analysis

Analyzed Oct 30, 2024 | 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 |

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



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



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
 Thu, 31 Oct 2024 16:43:00 -0700

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PES - Pesticides Analysis

Analyzed Oct 30, 2024 | Instrument LC/MSMS GC/MSMS | Method SOP-003

| CAPPELLE | 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 | Carbofuran | 0.01 | 0.02 | ND | 0 |
| Dimethoate | 0.01 | 0.02 | ND | 0 | Etofenprox | 0.02 | 0.1 | ND | 0 |
| Fenoxycarb | 0.01 | 0.02 | ND | 0 | Thiachlorpid | 0.01 | 0.02 | ND | 0 |
| Daminozide | 0.01 | 0.03 | ND | 0 | Dichlorvos | 0.02 | 0.07 | ND | 0 |
| Imazalil | 0.02 | 0.07 | ND | 0 | Methiocarb | 0.01 | 0.02 | ND | 0 |
| Spiroxamine | 0.01 | 0.02 | ND | 0 | Coumaphos | 0.01 | 0.02 | ND | 0 |
| Fipronil | 0.01 | 0.1 | ND | 0 | Paclobutrazol | 0.01 | 0.03 | ND | 0 |
| Chlorpyrifos | 0.01 | 0.04 | ND | 0 | Ethoprophos (Prophos) | 0.01 | 0.02 | ND | 0 |
| Baygon (Propoxur) | 0.01 | 0.02 | ND | 0 | Chlordane | 0.04 | 0.1 | ND | 0 |
| Chlorfenapyr | 0.03 | 0.1 | ND | 0 | Methyl Parathion | 0.02 | 0.1 | ND | 0 |
| Mevinphos | 0.03 | 0.08 | ND | 0 | Abamectin | 0.03 | 0.08 | ND | 0.3 |
| Acephate | 0.02 | 0.05 | ND | 5 | Acetamiprid | 0.01 | 0.05 | ND | 5 |
| Azoxystrobin | 0.01 | 0.02 | ND | 40 | Bifenazate | 0.01 | 0.05 | ND | 5 |
| Bifenthrin | 0.02 | 0.35 | ND | 0.5 | Boscalid | 0.01 | 0.03 | ND | 10 |
| Carbaryl | 0.01 | 0.02 | ND | 0.5 | Chlorantranilprole | 0.01 | 0.04 | ND | 40 |
| Clofentezine | 0.01 | 0.03 | ND | 0.5 | Diazinon | 0.01 | 0.02 | ND | 0.2 |
| Dimethomorph | 0.02 | 0.06 | ND | 20 | Etoazole | 0.01 | 0.05 | ND | 1.5 |
| Fenpyroximate | 0.02 | 0.1 | ND | 2 | Fonicamid | 0.01 | 0.02 | ND | 2 |
| Fludioxonil | 0.01 | 0.05 | ND | 30 | Hexythiazox | 0.01 | 0.03 | ND | 2 |
| Imidacloprid | 0.01 | 0.05 | ND | 3 | Kresoxim-methyl | 0.01 | 0.03 | ND | 1 |
| Malathion | 0.01 | 0.05 | ND | 5 | Metalaxyl | 0.01 | 0.02 | ND | 15 |
| Methomyl | 0.02 | 0.05 | ND | 0.1 | Myclobutanil | 0.02 | 0.07 | ND | 9 |
| Naled | 0.01 | 0.02 | ND | 0.5 | Oxamyl | 0.01 | 0.02 | ND | 0.2 |
| Permethrin | 0.01 | 0.02 | ND | 20 | Phosmet | 0.01 | 0.02 | ND | 0.2 |
| Piperonyl Butoxide | 0.02 | 0.06 | ND | 8 | Propiconazole | 0.03 | 0.08 | ND | 20 |
| Prallethrin | 0.02 | 0.05 | ND | 0.4 | Pyrethrin | 0.05 | 0.41 | ND | 1 |
| Pyridaben | 0.02 | 0.07 | ND | 3 | Spinosad A | 0.01 | 0.05 | ND | 3 |
| Spinosad D | 0.01 | 0.05 | ND | 3 | Spiromesifen | 0.02 | 0.06 | ND | 12 |
| Spirotetramat | 0.01 | 0.02 | ND | 13 | Tebuconazole | 0.01 | 0.02 | ND | 2 |
| Thiamethoxam | 0.01 | 0.02 | ND | 4.5 | Trifloxystrobin | 0.01 | 0.02 | ND | 30 |
| Acequinocyl | 0.02 | 0.09 | ND | 4 | Captan | 0.01 | 0.02 | ND | 5 |
| Cypermethrin | 0.02 | 0.1 | ND | 1 | Cyfluthrin | 0.04 | 0.1 | ND | 1 |
| Fenhexamid | 0.02 | 0.07 | ND | 10 | Spinetoram J.L | 0.02 | 0.07 | ND | 3 |
| Pentachloronitrobenzene | 0.01 | 0.1 | ND | 0.2 | Chlormequat Chloride | 0.02 | 0.1 | NT | 0.2 |

RES - Residual Solvents Analysis

Analyzed Oct 28, 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) | 0.08 | 0.4 | ND | 5000 | Butane (But) | 0.08 | 0.4 | ND | 5000 |
| Methanol (Metha) | 0.08 | 0.4 | ND | 3000 | Ethylene Oxide (EthOx) | 0.08 | 0.4 | ND | 1 |
| Pentane (Pen) | 0.08 | 0.4 | ND | 5000 | Ethanol (Ethan) | 0.08 | 0.4 | <LOQ | 5000 |
| Ethyl Ether (EthEt) | 0.08 | 0.4 | <LOQ | 5000 | Acetone (Acet) | 0.08 | 0.4 | <LOQ | 5000 |
| Isopropanol (2-Pro) | 0.08 | 0.4 | <LOQ | 5000 | Acetonitrile (Acetonit) | 0.08 | 0.4 | <LOQ | 410 |
| Methylene Chloride (MetCh) | 0.08 | 0.4 | ND | 1 | Hexane (Hex) | 0.08 | 0.4 | ND | 290 |
| Ethyl Acetate (EthAc) | 0.08 | 0.4 | <LOQ | 5000 | Chloroform (Clo) | 0.08 | 0.4 | ND | 1 |
| Benzene (Ben) | 0.08 | 0.4 | ND | 1 | 1,2-Dichloroethane (1,2-Dich) | 0.08 | 0.4 | ND | 1 |
| Heptane (Hep) | 0.08 | 0.4 | ND | 5000 | Trichloroethylene (TriClEth) | 0.08 | 0.4 | ND | 1 |
| Toluene (Toluene) | 0.08 | 0.4 | ND | 890 | Xylenes (Xyl) | 0.08 | 0.4 | ND | 2170 |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Oct 25, 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 Oct 26, 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 | 14.6 % Mw | 13 % Mw | Water Activity (WA) | 0.03 | 0.03 | 0.79 a _w | 0.85 a _w |

MICx - Microbial X Analysis

Analyzed Oct 31, 2024 | Instrument Plating | Method SOP-007

| Analyte | LOD CFU/G | LOQ CFU/G | Result CFU/G |
|--------------------------------------|-----------|-----------|--------------|
| Total Yeast & Molds (TYM) | | | ND |
| Listeria (LIS) | | | ND |
| Gram Negative Bacteria (BTGN) | | | ND |
| Total Viable Aerobic Bacteria (TVAB) | | | 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



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Brandon Starr

Brandon Starr, Quality Assurance Manager
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