

PharmLabs San Diego Certificate of Analysis



Sample Lights Out Live Resin Gummies - Sweet Strawberry

Delta9 THC 0.12% THCa ND Total THC (THCa \* 0.877 + THC) 0.12% Delta8 THC 2.81%

Table with sample details: Sample ID SD240824-042 (98411), Matrix Edible, Address 1 Vanderbilt, Irvine CA, 92618, Name Savage Enterprises, Reported Aug 28, 2024, Unit Mass (g) 96.688, Num. of Servings 20, Serving Size (g) 4.83

Summary D9C: The total Δ9-THC content in this sample is 0.12%. 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 Aug 19, 2024 | Instrument GC MS/MS | Method SOP-041 D9C
The expanded Uncertainty of the analysis is approximately ±7.806% at the 95% Confidence Level

Table with 7 columns: Analyte, LOD ppb, LOQ ppb, Result %, Result mg/g, Result mg/Serving, Result mg/Unit. Rows include Δ4(β)-iso-Tetrahydrocannabinol, Δ9-Tetrahydrocannabinol, Total Δ9-THC, and Total Cannabinoids Analyzed.

CANx - Cannabinoids Analysis

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

Large table with 7 columns: Analyte, LOD mg/g, LOQ mg/g, Result %, Result mg/g, Result mg/Serving, Result mg/Unit. Lists various cannabinoids like 11-Hydroxy-Δ8-Tetrahydrocannabinol, Cannabidiol, etc., and includes summary rows for Total THC, Total CBD, Total CBG, Total HHC, and Total Cannabinoids Analyzed.

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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DEA license: RP0611043
ISO/IEC 17025:2017 Acc. L17-427-1



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Wed, 28 Aug 2024 14:30:16 -0700

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HME - Heavy Metals Analysis

Analyzed Aug 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   | 0.01        | 1.5        |
| Cadmium (Cd) | 0.0005   | 0.0015   | ND          | 0.5        |
| Mercury (Hg) | 0.0058   | 0.0174   | 0.00        | 3          |
| Lead (Pb)    | 0.0006   | 0.0018   | ND          | 0.5        |

MIBNIG - Microbial Analysis

Analyzed Aug 27, 2024 | Instrument 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 |

MTO - Mycotoxin Analysis

Analyzed Aug 27, 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          |

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PES - Pesticides Analysis

Analyzed Aug 27, 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          | Thiachloprid          | 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      | NT          | 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      | NT          | 0          |
| Chlorfenapyr            | 0.03     | 0.1      | NT          | 0          | Methyl Parathion      | 0.02     | 0.1      | NT          | 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      | NT          | 1          | Cyfluthrin            | 0.04     | 0.1      | NT          | 1          |
| Fenhexamid              | 0.02     | 0.07     | ND          | 10         | Spinetoram J.L        | 0.02     | 0.07     | ND          | 3          |
| Pentachloronitrobenzene | 0.01     | 0.1      | NT          | 0.2        | Chlormequat Chloride  | 0.02     | 0.1      | NT          | 0.2        |

RES - Residual Solvents Analysis

Analyzed Aug 27, 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)             | 0.044    | 0.4      | ND          | 5000       | Butane (But)                  | 0.02     | 0.4      | ND          | 5000       |
| Methanol (Metha)           | 1.176    | 3.92     | 41.8        | 3000       | Ethylene Oxide (EthOx)        | 0.08     | 0.4      | ND          | 1          |
| Pentane (Pen)              | 0.024    | 0.4      | ND          | 5000       | Ethanol (Ethan)               | 0.048    | 0.4      | 798.3       | 5000       |
| Ethyl Ether (EthEt)        | 0.036    | 0.4      | <LOQ        | 5000       | Acetone (Acet)                | 0.044    | 0.4      | <LOQ        | 5000       |
| Isopropanol (2-Pro)        | 1.16     | 3.868    | ND          | 5000       | Acetonitrile (Acetonit)       | 0.888    | 2.952    | ND          | 410        |
| Methylene Chloride (MetCh) | 0.04     | 0.4      | ND          | 1          | Hexane (Hex)                  | 0.012    | 0.4      | ND          | 290        |
| Ethyl Acetate (EthAc)      | 0.032    | 0.4      | <LOQ        | 5000       | Chloroform (Clo)              | 0.028    | 0.4      | ND          | 1          |
| Benzene (Ben)              | 0.012    | 0.4      | ND          | 1          | 1,2-Dichloroethane (1,2-Dich) | 0.024    | 0.4      | ND          | 1          |
| Heptane (Hep)              | 0.012    | 0.4      | ND          | 5000       | Trichloroethylene (TriClEth)  | 0.072    | 0.4      | ND          | 1          |
| Toluene (Toluene)          | 0.036    | 0.4      | ND          | 890        | Xylenes (Xyl)                 | 0.012    | 0.4      | ND          | 2170       |

FVI - Filth & Foreign Material Inspection Analysis

Analyzed Aug 27, 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 Aug 27, 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   | 0.7 % Mw | 13 % Mw | Water Activity (WA) | 0.03  | 0.03  | 11.64 a <sub>w</sub> | 0.85 a <sub>w</sub> |

UJ 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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