

PharmLabs San Diego Certificate of Analysis



Sample **Mystic Labs Delta-8 Gummies Cosmic Peach Lot P240715**

|            |       |      |    |                                |       |            |       |
|------------|-------|------|----|--------------------------------|-------|------------|-------|
| Delta9 THC | 0.16% | THCa | ND | Total THC (THCa * 0.877 + THC) | 0.16% | Delta8 THC | 0.87% |
|------------|-------|------|----|--------------------------------|-------|------------|-------|

|                   |                       |                  |              |
|-------------------|-----------------------|------------------|--------------|
| Sample ID         | SD250618-008 (116470) | Matrix           | Edible       |
| Tested for        | Global Wadjet         |                  |              |
| Sampled           | -                     | Received         | Jun 17, 2025 |
| Analyses executed | FP-NI20               | Unit Mass (g)    | 46.84        |
|                   |                       | Num. of Servings | 12           |
|                   |                       | Reported         | Jul 01, 2025 |
|                   |                       | Serving Size (g) | 3.9          |

Laboratory note: COA Update: (7/1/2025) Sample Name corrected as per client request

CANx - Cannabinoids

Analyzed Jun 26, 2025 | Instrument HPLC-VWD | Method SOP-001  
The expanded Uncertainty of the Cannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

| Analyte                                                              | LOD mg/g | LOQ mg/g | Result % | Result mg/g | Result mg/Serving | Result mg/Unit | Sample photography |
|----------------------------------------------------------------------|----------|----------|----------|-------------|-------------------|----------------|--------------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)                | 0.013    | 0.041    | ND       | ND          | ND                | ND             |                    |
| Cannabidiol (CBDO)                                                   | 0.006    | 0.02     | ND       | ND          | ND                | ND             |                    |
| Abnormal Cannabidiol (a-CBDO)                                        | 0.013    | 0.038    | ND       | ND          | ND                | ND             |                    |
| (+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)                        | 0.015    | 0.045    | ND       | ND          | ND                | ND             |                    |
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)                   | 0.015    | 0.045    | ND       | ND          | ND                | ND             |                    |
| Cannabidiolic Acid (CBDA)                                            | 0.033    | 0.16     | <LOQ     | <LOQ        | <LOQ              | <LOQ           |                    |
| Cannabigerol Acid (CBGA)                                             | 0.033    | 0.16     | ND       | ND          | ND                | ND             |                    |
| Cannabigerol (CBG)                                                   | 0.048    | 0.16     | ND       | ND          | ND                | ND             |                    |
| Cannabidiol (CBD)                                                    | 0.069    | 0.229    | <LOQ     | <LOQ        | <LOQ              | <LOQ           |                    |
| 1(S)-Tetrahydrocannabinol (1(S)-H4-CBD)                              | 0.008    | 0.026    | ND       | ND          | ND                | ND             |                    |
| 1(R)-Tetrahydrocannabinol (1(R)-H4-CBD)                              | 0.016    | 0.049    | ND       | ND          | ND                | ND             |                    |
| Tetrahydrocannabivarin (THCV)                                        | 0.049    | 0.162    | ND       | ND          | ND                | ND             |                    |
| Δ8-tetrahydrocannabivarin (Δ8-THCV)                                  | 0.012    | 0.036    | <LOQ     | <LOQ        | <LOQ              | <LOQ           |                    |
| Cannabidihexol (CBDH)                                                | 0.014    | 0.042    | ND       | ND          | ND                | ND             |                    |
| Tetrahydrocannabinol (Δ9-THCB)                                       | 0.01     | 0.029    | ND       | ND          | ND                | ND             |                    |
| Cannabinol (CBN)                                                     | 0.047    | 0.16     | <LOQ     | <LOQ        | <LOQ              | <LOQ           |                    |
| Cannabidiophorol (CBDP)                                              | 0.016    | 0.049    | ND       | ND          | ND                | ND             |                    |
| exo-THC (exo-THC)                                                    | 0.016    | 0.8      | ND       | ND          | ND                | ND             |                    |
| Tetrahydrocannabinol (Δ9-THC)                                        | 0.092    | 0.307    | 0.16     | 1.61        | 6.28              | 75.41          |                    |
| Δ8-tetrahydrocannabinol (Δ8-THC)                                     | 0.044    | 0.16     | 0.87     | 8.67        | 33.81             | 406.10         |                    |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)                     | 0.015    | 0.8      | ND       | ND          | ND                | ND             |                    |
| Hexahydrocannabinol (S Isomer) (9s-HHC)                              | 0.017    | 0.8      | ND       | ND          | ND                | ND             |                    |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)                     | 0.007    | 0.8      | ND       | ND          | ND                | ND             |                    |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                              | 0.016    | 0.8      | ND       | ND          | ND                | ND             |                    |
| Tetrahydrocannabinolic Acid (THCA)                                   | 0.117    | 0.389    | ND       | ND          | ND                | ND             |                    |
| Δ9-Tetrahydrocannabinol (Δ9-THCH)                                    | 0.02     | 0.061    | ND       | ND          | ND                | ND             |                    |
| Cannabinol Acetate (CBNO)                                            | 0.009    | 0.027    | ND       | ND          | ND                | ND             |                    |
| 9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa)                          | 0.063    | 0.065    | ND       | ND          | ND                | ND             |                    |
| 9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa)                          | 0.191    | 0.196    | ND       | ND          | ND                | ND             |                    |
| Δ9-Tetrahydrocannabinol (Δ9-THCP)                                    | 0.017    | 0.8      | ND       | ND          | ND                | ND             |                    |
| Δ8-Tetrahydrocannabinol (Δ8-THCP)                                    | 0.041    | 0.8      | ND       | ND          | ND                | ND             |                    |
| Cannabicitran (CBT)                                                  | 0.005    | 0.16     | ND       | ND          | ND                | ND             |                    |
| Δ8-THC-O-acetate (Δ8-THCO)                                           | 0.076    | 0.8      | ND       | ND          | ND                | ND             |                    |
| 9(S)-HHCP (s-HHCP)                                                   | 0.013    | 0.041    | ND       | ND          | ND                | ND             |                    |
| Δ9-THC-O-acetate (Δ9-THCO)                                           | 0.066    | 0.8      | ND       | ND          | ND                | ND             |                    |
| 9(R)-HHCP (r-HHCP)                                                   | 0.015    | 0.045    | ND       | ND          | ND                | ND             |                    |
| 9(S)-HHC-O-acetate (s-HHCO)                                          | 0.037    | 0.112    | ND       | ND          | ND                | ND             |                    |
| 9(R)-HHC-O-acetate (r-HHCO)                                          | 0.031    | 0.093    | ND       | ND          | ND                | ND             |                    |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)                          | 0.021    | 0.062    | ND       | ND          | ND                | ND             |                    |
| Δ9-THC methyl ether (Δ9-MeO-THC)                                     | 0.029    | 0.088    | NT       | NT          | NT                | NT             |                    |
| Δ8-THC methyl ether (Δ8-MeO-THC)                                     | 0.04     | 0.121    | NT       | NT          | NT                | NT             |                    |
| Total THC ( THCa * 0.877 + Δ9THC )                                   |          |          | 0.16     | 1.61        | 6.28              | 75.41          |                    |
| Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC ) |          |          | 1.03     | 10.28       | 40.09             | 481.52         |                    |
| Total CBD ( CBDOa * 0.877 + CBD )                                    |          |          | ND       | ND          | ND                | ND             |                    |
| Total CBG ( CBGa * 0.877 + CBG )                                     |          |          | ND       | ND          | ND                | ND             |                    |
| Total HHC ( 9r-HHC + 9s-HHC )                                        |          |          | ND       | ND          | ND                | ND             |                    |
| Total Cannabinoids Analyzed                                          |          |          | 1.03     | 10.28       | 40.09             | 481.52         |                    |

HME - Heavy Metals

Analyzed Jun 19, 2025 | 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   | NT          |            |

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  
TNTC Too Numerous to Count



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DEA license: RP0611043  
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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager  
Tue, 01 Jul 2025 12:56:42 -0700

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MIBNIG - Microbial

Analyzed Jun 18, 2025 | Instrument Plating | Method SOP-007

| Analyte                                | LOD<br>CFU/g | LOQ<br>CFU/g | Result<br>CFU/g | Limit<br>CFU/g |
|----------------------------------------|--------------|--------------|-----------------|----------------|
| Shiga toxin-producing Escherichia Coli | 1.0          | 1.0          | ND              |                |
| Salmonella spp.                        | 1.0          | 1.0          | ND              |                |

MTO - Mycotoxin

Analyzed Jun 24, 2025 | Instrument LC/MSMS | Method SOP-004

| Analyte      | LOD<br>ug/kg | LOQ<br>ug/kg | Result<br>ug/kg | Limit<br>ug/kg | Analyte          | LOD<br>ug/kg | LOQ<br>ug/kg | Result<br>ug/kg | 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

Analyzed Jun 24, 2025 | 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                | 0.01     | 0.02     | ND          |            | Carbofuran            | 0.01     | 0.02     | ND          |            |
| Dimethoate              | 0.01     | 0.02     | ND          |            | Etofenprox            | 0.02     | 0.1      | ND          |            |
| Fenoxycarb              | 0.01     | 0.02     | ND          |            | Thiachloprid          | 0.01     | 0.02     | ND          |            |
| Daminozide              | 0.01     | 0.03     | ND          |            | Dichlorvos            | 0.02     | 0.07     | ND          |            |
| Imazalil                | 0.02     | 0.07     | ND          |            | Methiocarb            | 0.01     | 0.02     | ND          |            |
| Spiroxamine             | 0.01     | 0.02     | ND          |            | Coumaphos             | 0.01     | 0.02     | ND          |            |
| Fipronil                | 0.01     | 0.1      | ND          |            | Paclobutrazol         | 0.01     | 0.03     | ND          |            |
| Chlorpyrifas            | 0.01     | 0.04     | ND          |            | Ethoprophos (Prophos) | 0.01     | 0.02     | ND          |            |
| Baygon (Propoxur)       | 0.01     | 0.02     | ND          |            | Chlordane             | 0.04     | 0.1      | ND          |            |
| Chlorfenapyr            | 0.03     | 0.1      | ND          |            | Methyl Parathion      | 0.02     | 0.1      | ND          |            |
| Mevinphos               | 0.03     | 0.08     | ND          |            | Abamectin             | 0.03     | 0.08     | ND          |            |
| Acephate                | 0.02     | 0.05     | ND          |            | Acetamiprid           | 0.01     | 0.05     | ND          |            |
| Azoxystrobin            | 0.01     | 0.02     | ND          |            | Bifenazote            | 0.01     | 0.05     | ND          |            |
| Bifenthrin              | 0.02     | 0.35     | ND          |            | Boscalid              | 0.01     | 0.03     | ND          |            |
| Carbaryl                | 0.01     | 0.02     | ND          |            | Chlorantranilprole    | 0.01     | 0.04     | ND          |            |
| Clofentezine            | 0.01     | 0.03     | ND          |            | Diazinon              | 0.01     | 0.02     | ND          |            |
| Dimethomorph            | 0.02     | 0.06     | ND          |            | Etoazole              | 0.01     | 0.05     | ND          |            |
| Fenpyroximate           | 0.02     | 0.1      | ND          |            | Flonicamid            | 0.01     | 0.02     | ND          |            |
| Fludioxonil             | 0.01     | 0.05     | ND          |            | Hexythiazox           | 0.01     | 0.03     | ND          |            |
| Imidacloprid            | 0.01     | 0.05     | ND          |            | Kresoxim-methyl       | 0.01     | 0.03     | ND          |            |
| Malathion               | 0.01     | 0.05     | ND          |            | Metalaxyl             | 0.01     | 0.02     | ND          |            |
| Methomyl                | 0.02     | 0.05     | ND          |            | Myclobutanil          | 0.02     | 0.07     | ND          |            |
| Naled                   | 0.01     | 0.02     | ND          |            | Oxamyl                | 0.01     | 0.02     | ND          |            |
| Permethrin              | 0.01     | 0.02     | ND          |            | Phosmet               | 0.01     | 0.02     | ND          |            |
| Piperonyl Butoxide      | 0.02     | 0.06     | ND          |            | Propiconazole         | 0.03     | 0.08     | ND          |            |
| Prallethrin             | 0.02     | 0.05     | ND          |            | Pyrethrin             | 0.05     | 0.41     | ND          |            |
| Pyridaben               | 0.02     | 0.07     | ND          |            | Spinosad A            | 0.01     | 0.05     | ND          |            |
| Spinosad D              | 0.01     | 0.05     | ND          |            | Spiromesifen          | 0.02     | 0.06     | ND          |            |
| Spirotetramat           | 0.01     | 0.02     | ND          |            | Tebuconazole          | 0.01     | 0.02     | ND          |            |
| Thiamethoxam            | 0.01     | 0.02     | ND          |            | Trifloxystrobin       | 0.01     | 0.02     | ND          |            |
| Acequinocyl             | 0.02     | 0.09     | ND          |            | Captan                | 0.01     | 0.02     | ND          |            |
| Cypermethrin            | 0.02     | 0.1      | ND          |            | Cyfluthrin            | 0.04     | 0.1      | ND          |            |
| Fenhexamid              | 0.02     | 0.07     | ND          |            | Spinetoram J.L        | 0.02     | 0.07     | ND          |            |
| Pentachloronitrobenzene | 0.01     | 0.1      | ND          |            | Chlormequat Chloride  | 0.02     | 0.1      | NT          |            |

RES - Residual Solvents

Analyzed Jun 19, 2025 | 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     | 85.7        | 3000       | Ethylene Oxide (EthOx)       | 0.08     | 0.4      | ND          | 1          |
| Pentane (Pen)              | 0.024    | 0.4      | ND          | 5000       | Ethanol (Ethan)              | 0.048    | 0.4      | <LOQ        | 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    | <LOQ        | 5000       | Acetonitrile (Acetonit)      | 0.888    | 2.952    | <LOQ        | 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 (12-Dich) | 0.024    | 0.4      | ND          | 1          |
| Heptane (Hep)              | 0.012    | 0.4      | ND          | 5000       | Trichloroethylene (TriClEth) | 0.072    | 0.4      | ND          | 1          |
| Toluene                    | 0.036    | 0.4      | <LOQ        | 890        | Xylenes (Xyl)                | 0.012    | 0.4      | ND          | 2170       |

FVI - Filth & Foreign Material Inspection

Analyzed Jun 17, 2025 | 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

Analyzed Jun 18, 2025 | 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   | 7.8 % Mw | 13 % Mw | Water Activity (WA) | 0.03  | 0.03  | 0.55 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  
<LOQ Detected  
>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
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