

PharmLabs San Diego Certificate of Analysis



Sample **ASTRO 8 - 1CT - HH - THCP - SUNBALZER**

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

|                   |                       |          |              |
|-------------------|-----------------------|----------|--------------|
| Sample ID         | SD250827-017 (122081) | Matrix   | Flower       |
| Tested for        | ASTRO 8               |          |              |
| Sampled           | -                     | Received | Aug 27, 2025 |
| Analyses executed | GA-FPC                | Reported | Sep 11, 2025 |

CANx - Cannabinoids

Analyzed Aug 25, 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 |
|----------------------------------------------------------------------|----------|----------|----------|-------------|
| 11-Hydroxy-Δ8-Tetrahydrocannabivarin (11-Hyd-Δ8-THCV)                | 0.013    | 0.041    | ND       | ND          |
| Cannabidiol (CBDO)                                                   | 0.006    | 0.02     | ND       | ND          |
| Abnormal Cannabidiol (a-CBDO)                                        | 0.013    | 0.038    | ND       | ND          |
| (+/-)-9B-hydroxy-Hexahydrocannabinol (9b-HHC)                        | 0.015    | 0.045    | ND       | ND          |
| 11-Hydroxy-Δ8-Tetrahydrocannabinol (11-Hyd-Δ8-THC)                   | 0.015    | 0.045    | ND       | ND          |
| Cannabidiolic Acid (CBDA)                                            | 0.033    | 0.16     | ND       | ND          |
| Cannabigerol Acid (CBGA)                                             | 0.033    | 0.16     | 0.26     | 2.63        |
| Cannabigerol (CBG)                                                   | 0.048    | 0.16     | 3.25     | 32.50       |
| Cannabidiol (CBD)                                                    | 0.069    | 0.229    | 4.12     | 41.23       |
| 1(S)-Tetrahydrocannabidiol (1(S)-H4-CBD)                             | 0.008    | 0.026    | ND       | ND          |
| 1(R)-Tetrahydrocannabidiol (1(R)-H4-CBD)                             | 0.016    | 0.049    | ND       | ND          |
| Tetrahydrocannabivarin (THCV)                                        | 0.049    | 0.162    | ND       | ND          |
| Δ8-tetrahydrocannabivarin (Δ8-THCV)                                  | 0.012    | 0.036    | ND       | ND          |
| Cannabidiolhexol (CBDH)                                              | 0.014    | 0.042    | ND       | ND          |
| Tetrahydrocannabutol (Δ9-THCB)                                       | 0.01     | 0.029    | ND       | ND          |
| Cannabinol (CBN)                                                     | 0.047    | 0.16     | 2.91     | 29.09       |
| Cannabidiophorol (CBDP)                                              | 0.016    | 0.049    | ND       | ND          |
| exo-THC (exo-THC)                                                    | 0.016    | 0.8      | ND       | ND          |
| Tetrahydrocannabinol (Δ9-THC)                                        | 0.092    | 0.307    | ND       | ND          |
| Δ8-tetrahydrocannabinol (Δ8-THC)                                     | 0.044    | 0.16     | ND       | ND          |
| (6aR,9S)-Δ10-Tetrahydrocannabinol ((6aR,9S)-Δ10)                     | 0.015    | 0.8      | ND       | ND          |
| Hexahydrocannabinol (S Isomer) (9s-HHC)                              | 0.017    | 0.8      | ND       | ND          |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10)                     | 0.007    | 0.8      | ND       | ND          |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                              | 0.016    | 0.8      | ND       | ND          |
| Tetrahydrocannabinolic Acid (THCA)                                   | 0.117    | 0.389    | ND       | ND          |
| Δ9-Tetrahydrocannabihexol (Δ9-THCH)                                  | 0.02     | 0.061    | ND       | ND          |
| Cannabinol Acetate (CBNO)                                            | 0.009    | 0.027    | ND       | ND          |
| 9(S)-Hexahydrocannabinolic Acid (9(S)-HHCa)                          | 0.063    | 0.065    | ND       | ND          |
| 9(R)-Hexahydrocannabinolic Acid (9(R)-HHCa)                          | 0.191    | 0.196    | ND       | ND          |
| Δ9-Tetrahydrocannabiphorol (Δ9-THCP)                                 | 0.017    | 0.8      | 20.27    | 202.74      |
| Δ8-Tetrahydrocannabiphorol (Δ8-THCP)                                 | 0.041    | 0.8      | 0.32     | 3.15        |
| Cannabicitran (CBT)                                                  | 0.005    | 0.16     | ND       | ND          |
| Δ8-THC-O-acetate (Δ8-THCO)                                           | 0.076    | 0.8      | ND       | ND          |
| 9(S)-HHCP (s-HHCP)                                                   | 0.013    | 0.041    | ND       | ND          |
| Δ9-THC-O-acetate (Δ9-THCO)                                           | 0.066    | 0.8      | ND       | ND          |
| 9(R)-HHCP (r-HHCP)                                                   | 0.015    | 0.045    | ND       | ND          |
| 9(S)-HHC-O-acetate (s-HHCO)                                          | 0.037    | 0.112    | ND       | ND          |
| 9(R)-HHC-O-acetate (r-HHCO)                                          | 0.031    | 0.093    | ND       | ND          |
| 3-octyl-Δ8-Tetrahydrocannabinol (Δ8-THC-C8)                          | 0.021    | 0.062    | ND       | ND          |
| Total THC ( THCa * 0.877 + Δ9THC )                                   |          |          | ND       | ND          |
| Total THC + Δ8THC + Δ10THC ( THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC ) |          |          | ND       | ND          |
| Total CBD ( CBDA * 0.877 + CBD )                                     |          |          | 4.12     | 41.23       |
| Total CBG ( CBGa * 0.877 + CBG )                                     |          |          | 3.48     | 34.81       |
| Total HHC ( 9r-HHC + 9s-HHC )                                        |          |          | ND       | ND          |
| Total Cannabinoids Analyzed                                          |          |          | 31.10    | 311.02      |

\*Dry Weight %

HME - Heavy Metals

Analyzed Sep 05, 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   | 0.04        | 0.2        |
| Cadmium (Cd) | 0.0005   | 0.0015   | 0.00        | 0.2        |
| Mercury (Hg) | 0.0058   | 0.0174   | 0.00        | 0.2        |
| Lead (Pb)    | 0.0006   | 0.0018   | 0.02        | 0.2        |

UI Unidentified  
ND Not Detected  
N/A Not Applicable  
NT Not Reported  
LOD Limit of Detection  
<LOQ Detected  
>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
TNTC Too Numerous to Count



DEA license: **RP0611043**  
ISO/IEC 17025:2017 Acc. 85368



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager  
Thu, 11 Sep 2025 15:14:35 -0700

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MIBIG - Microbial

Analyzed Aug 27, 2025 | Instrument qPCR and/or 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          | Negative        | 1              |
| Salmonella spp.                        | 1.0          | 1.0          | ND              | N/A            |
| Aspergillus fumigatus                  | 1.0          | 1.0          | ND              | 1              |
| Aspergillus flavus                     | 1.0          | 1.0          | ND              | 1              |
| Aspergillus niger                      | 1.0          | 1.0          | ND              | 1              |
| Aspergillus terreus                    | 1.0          | 1.0          | ND              | 1              |

MTO - Mycotoxin

Analyzed Sep 09, 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              | 20             |
| Aflatoxin B2 | 2.5          | 5.0          | ND              | 20             | Aflatoxin G1     | 2.5          | 5.0          | ND              | 20             |
| Aflatoxin G2 | 2.5          | 5.0          | ND              | 20             | 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 Sep 10, 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          | 0.02       | Carbofuran            | 0.01     | 0.02     | ND          | 0.02       |
| Dimethoate              | 0.01     | 0.02     | ND          | 0.02       | Etofenprox            | 0.02     | 0.1      | ND          | 0.1        |
| Fenoxycarb              | 0.01     | 0.02     | ND          | 0.02       | Thiachloprid          | 0.01     | 0.02     | ND          | 0.02       |
| Daminozide              | 0.01     | 0.03     | ND          | 0.03       | Dichlorvos            | 0.02     | 0.07     | ND          | 0.07       |
| Imazalil                | 0.02     | 0.07     | ND          | 0.07       | Methiocarb            | 0.01     | 0.02     | ND          | 0.02       |
| Spiroxamine             | 0.01     | 0.02     | ND          | 0.02       | Coumaphos             | 0.01     | 0.02     | ND          | 0.02       |
| Fipronil                | 0.01     | 0.1      | ND          | 0.1        | Paclobutrazol         | 0.01     | 0.03     | ND          | 0.03       |
| Chlorpyrifas            | 0.01     | 0.04     | ND          | 0.04       | Ethoprophos (Prophos) | 0.01     | 0.02     | ND          | 0.02       |
| Baygon (Propoxur)       | 0.01     | 0.02     | ND          | 0.02       | Chlordane             | 0.04     | 0.1      | ND          | 0.1        |
| Chlorfenapyr            | 0.03     | 0.1      | ND          | 0.1        | Methyl Parathion      | 0.02     | 0.1      | ND          | 0.1        |
| Mevinphos               | 0.03     | 0.08     | ND          | 0.08       | Abamectin             | 0.03     | 0.08     | ND          | 0.08       |
| Acephate                | 0.02     | 0.05     | ND          | 0.05       | Acetamiprid           | 0.01     | 0.05     | ND          | 0.05       |
| Azoxystrobin            | 0.01     | 0.02     | ND          | 0.02       | Bifenazote            | 0.01     | 0.05     | ND          | 0.05       |
| Bifenthrin              | 0.02     | 0.35     | ND          | 0.1        | Boscalid              | 0.01     | 0.03     | ND          | 0.03       |
| Carbaryl                | 0.01     | 0.02     | ND          | 0.02       | Chlorantranilprole    | 0.01     | 0.04     | ND          | 0.04       |
| Clofentezine            | 0.01     | 0.03     | ND          | 0.03       | Diazinon              | 0.01     | 0.02     | ND          | 0.02       |
| Dimethomorph            | 0.02     | 0.06     | ND          | 0.06       | Etoazole              | 0.01     | 0.05     | ND          | 0.05       |
| Fenpyroximate           | 0.02     | 0.1      | ND          | 0.1        | Flonicamid            | 0.01     | 0.02     | ND          | 0.02       |
| Fludioxonil             | 0.01     | 0.05     | ND          | 0.05       | Hexythiazox           | 0.01     | 0.03     | ND          | 0.03       |
| Imidacloprid            | 0.01     | 0.05     | ND          | 0.05       | Kresoxim-methyl       | 0.01     | 0.03     | ND          | 0.03       |
| Malathion               | 0.01     | 0.05     | ND          | 0.05       | Metaxalyl             | 0.01     | 0.02     | ND          | 0.02       |
| Methomyl                | 0.02     | 0.05     | ND          | 0.05       | Myclobutanil          | 0.02     | 0.07     | ND          | 0.07       |
| Naled                   | 0.01     | 0.02     | ND          | 0.02       | Oxamyl                | 0.01     | 0.02     | ND          | 0.02       |
| Permethrin              | 0.01     | 0.02     | ND          | 0.02       | Phosmet               | 0.01     | 0.02     | ND          | 0.02       |
| Piperonyl Butoxide      | 0.02     | 0.06     | ND          | 0.06       | Propiconazole         | 0.03     | 0.08     | ND          | 0.08       |
| Prallethrin             | 0.02     | 0.05     | ND          | 0.05       | Pyrethrin             | 0.05     | 0.41     | ND          | 0.1        |
| Pyridaben               | 0.02     | 0.07     | ND          | 0.07       | Spinosad A            | 0.01     | 0.05     | ND          | 0.05       |
| Spinosad D              | 0.01     | 0.05     | ND          | 0.05       | Spiromesifen          | 0.02     | 0.06     | ND          | 0.06       |
| Spir tetramat           | 0.01     | 0.02     | ND          | 0.02       | Tebuconazole          | 0.01     | 0.02     | ND          | 0.02       |
| Thiamethoxam            | 0.01     | 0.02     | ND          | 0.02       | Trifloxystrobin       | 0.01     | 0.02     | ND          | 0.02       |
| Acequinocyl             | 0.02     | 0.09     | ND          | 0.09       | Captan                | 0.01     | 0.02     | ND          | 0.02       |
| Cypermethrin            | 0.02     | 0.1      | ND          | 0.1        | Cyfluthrin            | 0.04     | 0.1      | ND          | 0.1        |
| Fenhexamid              | 0.02     | 0.07     | ND          | 0.07       | Spinetoram J,L        | 0.02     | 0.07     | ND          | 0.07       |
| Pentachloronitrobenzene | 0.01     | 0.1      | ND          | 0.1        |                       |          |          |             |            |

RES - Residual Solvents

Analyzed Sep 05, 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      | 72.9        | N/A        | Butane (But)                 | 0.02     | 0.4      | ND          | 800        |
| Methanol (Metha)           | 1.176    | 3.92     | 768.6       | N/A        | Ethylene Oxide (EthOx)       | 0.08     | 0.4      | ND          | N/A        |
| Pentane (Pen)              | 0.024    | 0.4      | ND          | N/A        | Ethanol (Ethan)              | 0.048    | 0.4      | ND          | 5000       |
| Ethyl Ether (EthEt)        | 0.036    | 0.4      | ND          | N/A        | Acetone (Acet)               | 0.044    | 0.4      | 89.0        | N/A        |
| Isopropanol (2-Pro)        | 1.16     | 3.868    | <LOQ        | N/A        | Acetonitrile (Acetonit)      | 0.888    | 2.952    | <LOQ        | N/A        |
| Methylene Chloride (MetCh) | 0.04     | 0.4      | ND          | N/A        | Hexane (Hex)                 | 0.012    | 0.4      | ND          | 100        |
| Ethyl Acetate (EthAc)      | 0.032    | 0.4      | ND          | N/A        | Chloroform (Clo)             | 0.028    | 0.4      | ND          | N/A        |
| Benzene (Ben)              | 0.012    | 0.4      | ND          | N/A        | 1-2-Dichloroethane (12-Dich) | 0.024    | 0.4      | ND          | N/A        |
| Heptane (Hep)              | 0.012    | 0.4      | ND          | 500        | Trichloroethylene (TriClEth) | 0.072    | 0.4      | ND          | N/A        |
| Toluene                    | 0.036    | 0.4      | ND          | N/A        | Xylenes (Xyl)                | 0.012    | 0.4      | ND          | N/A        |

FVI - Filth & Foreign Material Inspection

Analyzed Sep 05, 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 Aug 25, 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   | 7.4 % Mw | % Mw  | Water Activity (WA) | 0.03  | 0.03  | 0.53 a <sub>w</sub> | a <sub>w</sub> |

MICx - Microbial X

Analyzed Aug 27, 2025 | Instrument Plating | Method SOP-007

| Analyte                              | LOD CFU/G | LOQ CFU/G | Result CFU/G | Limit CFU/G |
|--------------------------------------|-----------|-----------|--------------|-------------|
| Total Yeast & Molds (TYM)            | 1.0       | 1.0       | ND           | 10000       |
| Listeria (LIS)                       | 1.0       | 1.0       | ND           | N/A         |
| Gram Negative Bacteria (BTGN)        | 1.0       | 1.0       | 8            | 1000        |
| Total Viable Aerobic Bacteria (TVAB) | 1.0       | 1.0       | 3            | 100000      |

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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