

PharmLabs San Diego Certificate of Analysis

Sample **Astro8 - THCP - 10CT - Lunar Haze**

| | | | | | | | |
|------------|-------|------|-------|--------------------------------|-------|------------|----|
| Delta9 THC | 0.07% | THCa | 0.25% | Total THC (THCa * 0.877 + THC) | 0.29% | Delta8 THC | ND |
|------------|-------|------|-------|--------------------------------|-------|------------|----|



| | | | |
|-------------------|-----------------------|----------|--------------|
| Sample ID | SD250414-016 (111223) | Matrix | Flower |
| Tested for | A8 Industries | | |
| Sampled | - | Received | Apr 14, 2025 |
| Analyses executed | MICX, FP-IO20 | Reported | May 30, 2025 |

Laboratory note: COA Update: 5/30/25 - Sample name updated as per client request.

CANx - Cannabinoids

Analyzed Apr 09, 2024 | 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 | 0.09 | 0.93 |
| Cannabigerol Acid (CBGA) | 0.033 | 0.16 | 0.93 | 9.26 |
| Cannabigerol (CBG) | 0.048 | 0.16 | 0.14 | 1.45 |
| Cannabidiol (CBD) | 0.069 | 0.229 | 0.02 | 0.23 |
| 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 |
| Cannabidihexol (CBDH) | 0.014 | 0.042 | ND | ND |
| Tetrahydrocannabutol (Δ9-THCB) | 0.01 | 0.029 | ND | ND |
| Cannabinol (CBN) | 0.047 | 0.16 | <LOQ | <LOQ |
| 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 | 0.07 | 0.73 |
| 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 | 2.03 | 20.34 |
| (6aR,9R)-Δ10-Tetrahydrocannabinol ((6aR,9R)-Δ10) | 0.007 | 0.8 | ND | ND |
| Hexahydrocannabinol (R Isomer) (9r-HHC) | 0.016 | 0.8 | 5.90 | 59.05 |
| Tetrahydrocannabinolic Acid (THCA) | 0.117 | 0.389 | 0.25 | 2.47 |
| 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 | 2.12 | 21.17 |
| Δ8-Tetrahydrocannabiphorol (Δ8-THCP) | 0.041 | 0.8 | ND | ND |
| 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) | | | 0.29 | 2.90 |
| Total THC + Δ8THC + Δ10THC (THCa * 0.877 + Δ9THC + Δ8THC + Δ10THC) | | | 0.29 | 2.90 |
| Total CBD (CBDA * 0.877 + CBD) | | | 0.10 | 1.05 |
| Total CBG (CBGA * 0.877 + CBG) | | | 0.96 | 9.57 |
| Total HHC (9r-HHC + 9s-HHC) | | | 7.94 | 79.39 |
| Total Cannabinoids Analyzed | | | 11.41 | 114.07 |

*Dry Weight %

HME - Heavy Metals

Analyzed Apr 20, 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 | 0.02 | 0.2 |
| Cadmium (Cd) | 0.0005 | 0.0015 | 0.01 | 0.2 |
| Mercury (Hg) | 0.0058 | 0.0174 | ND | 0.2 |
| Lead (Pb) | 0.0006 | 0.0018 | 0.01 | 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



DCC license: C8-0000098-LIC
DEA license: RP0611043
ISO/IEC 17025:2017 Acc. 85368



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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Fri, 30 May 2025 20:00:01-0700

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Acc. 85368



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MIBIG - Microbial

Analyzed Apr 14, 2025 | Instrument qPCR and/or Plating | Method SOP-007

| Analyte | LOD CFU/g | LOQ CFU/g | Result CFU/g | Limit CFU/g |
|--|--------------|--------------|-----------------|----------------|
| Shiga toxin-producing Escherichia Coli | 1.0 | 1.0 | ND | 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 Apr 18, 2025 | Instrument LC/MSMS | Method SOP-004

| Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg | Limit ug/kg | Analyte | LOD ug/kg | LOQ ug/kg | Result ug/kg | Limit 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
TNTC Too Numerous to Count



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PES - Pesticides

Analyzed Apr 22, 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 | Bifenazate | 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 | Etoxazole | 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 |
| Spirotetramat | 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 Apr 17, 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 | 69.4 | N/A | Butane (But) | 0.02 | 0.4 | 55.8 | 800 |
| Methanol (Metha) | 1.176 | 3.92 | 735.2 | 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 | <LOQ | 5000 |
| Ethyl Ether (EthEt) | 0.036 | 0.4 | ND | N/A | Acetone (Acet) | 0.044 | 0.4 | 127.1 | 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 | <LOQ | N/A | Xylenes (Xyl) | 0.012 | 0.4 | ND | N/A |

FVI - Filth & Foreign Material Inspection

Analyzed Apr 16, 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 Apr 09, 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 | 7.0 % Mw | % Mw | Water Activity (WA) | 0.03 | 0.03 | 0.50 a _w | a _w |

MICx - Microbial X

Analyzed Apr 14, 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 | 1 | 1000 |
| Total Viable Aerobic Bacteria (TVAB) | 1.0 | 1.0 | 6 | 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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