

## PharmLabs San Diego Certificate of Analysis

3421 Hancock St, Second Floor, San Diego, CA 92110 | License: C8-0000098-LIC  
ISO/IEC 17025:2017 Certification L17-427-1 | Accreditation #85368Sample **Astro Eight - HHC 2.2mL Disposable - Pineapple Express**

|                   |                      |          |                                       |
|-------------------|----------------------|----------|---------------------------------------|
| Sample ID         | SD220225-021 (47066) | Matrix   | Concentrate (Inhalable Cannabis Good) |
| Tested for        | A8 Industries        |          |                                       |
| Sampled           | -                    | Received | Feb 22, 2022                          |
| Analyses executed | CAN20                | Reported | Feb 25, 2022                          |

## CAN20 - Cannabinoids Analysis

Analyzed Feb 25, 2022 | Instrument HPLC

Measurement Uncertainty at 95% confidence 7.806%

| Analyte  | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|--|----------|----------|----------|-------------|
| Cannabidiol (CBD)  | 0.039    | 0.16     | ND       | ND          |
| Cannabidiolic Acid (CBDA)  | 0.033    | 0.16     | 0.40     | 4.03        |
| Cannabigerol Acid (CBGA)   | 0.033    | 0.16     | 0.70     | 7.04        |
| Cannabigerol (CBG)   | 0.048    | 0.16     | ND       | ND          |
| Cannabidiol (CBD)  | 0.069    | 0.229    | ND       | ND          |
| Tetrahydrocannabivarin (THCV)  | 0.049    | 0.162    | ND       | ND          |
| Cannabinol (CBN)   | 0.047    | 0.16     | 1.49     | 14.93       |
| exo-THC (exo-THC)  | 0.016    | 0.8      | ND       | ND          |
| Tetrahydrocannabinol ( $\Delta^9$ -THC)                              | 0.092    | 0.307    | ND       | ND          |
| $\Delta^8$ -tetrahydrocannabinol ( $\Delta^8$ -THC)                  | 0.044    | 0.16     | ND       | ND          |
| (6aR,9S)- $\Delta^10$ -Tetrahydrocannabinol ((6aR,9S)- $\Delta^10$ ) | 0.015    | 0.8      | ND       | ND          |
| Hexahydrocannabinol (S Isomer) (9s-HHC)                              | 0.017    | 0.8      | 46.25    | 462.54      |
| (6aR,9R)- $\Delta^10$ -Tetrahydrocannabinol ((6aR,9R)- $\Delta^10$ ) | 0.007    | 0.8      | ND       | ND          |
| Hexahydrocannabinol (R Isomer) (9r-HHC)                              | 0.016    | 0.8      | 50.11    | 501.11      |
| Cannabichromene (CBC)  | 0.13     | 0.432    | ND       | ND          |
| Tetrahydrocannabinolic Acid (THCA)                                   | 0.117    | 0.389    | ND       | ND          |
| $\Delta^9$ -Tetrahydrocannabiphorol ( $\Delta^9$ -THCP)              | 0.017    | 0.8      | ND       | ND          |
| $\Delta^8$ -Tetrahydrocannabiphorol ( $\Delta^8$ -THCP)              | 0.041    | 0.8      | ND       | ND          |
| $\Delta^8$ -THC-O-acetate ( $\Delta^8$ -THC-O)                       | 0.076    | 0.8      | ND       | ND          |
| $\Delta^9$ -THC-O-acetate ( $\Delta^9$ -THC-O)                       | 0.066    | 0.8      | ND       | ND          |
| Total THC (THCa * 0.877 + THC)                                       |          |          | ND       | ND          |
| Total CBD (CBDa * 0.877 + CBD)                                       |          |          | 0.40     | 4.03        |
| Total CBG (CBGa * 0.877 + CBG)                                       |          |          | 0.70     | 7.04        |
| Total HHC (9r-HHC + 9s-HHC)  |          |          | 96.36    | 963.61      |
| TOTAL CANNABINOIDS   |          |          | 98.95    | 989.51      |

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



Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Lab Manager  
Fri, 25 Feb 2022 16:02:13 -0800

PharmLabs San Diego | 3421 Hancock St, Second Floor, San Diego, CA 92110 | 619.356.0898 | ISO/IEC 17025:2017 Certification L17-427-1



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## HME - Heavy Metals Detection Analysis

Analyzed Feb 25, 2022 | Instrument ICP/MSMS | Method SOP-005

| 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 |
|--------------|----------|----------|-------------|------------|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0002   | 0.05     | <LOQ        | 0.2        | Cadmium (Cd) | 3.0e-05  | 0.05     | <LOQ        | 0.2        |
| Mercury (Hg) | 1.0e-05  | 0.01     | ND          | 0.1        | Lead (Pb)    | 1.0e-05  | 0.125    | <LOQ        | 0.5        |

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## PES - Pesticides Screening Analysis

Analyzed Feb 25, 2022 | 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                | 0.0078   | 0.02     | ND          | 0.0077     | Carbofuran            | 0.01     | 0.02     | ND          | 0.01       |
| Dimethoate              | 0.01     | 0.02     | ND          | 0.01       | Etofenprox            | 0.02     | 0.1      | ND          | 0.02       |
| Fenoxycarb              | 0.01     | 0.02     | ND          | 0.01       | Thiachloprid          | 0.01     | 0.02     | ND          | 0.01       |
| Daminozide              | 0.01     | 0.03     | ND          | 0.01       | Dichlorvos            | 0.02     | 0.07     | ND          | 0.02       |
| Imazalil                | 0.02     | 0.07     | ND          | 0.02       | Methiocarb            | 0.01     | 0.02     | ND          | 0.01       |
| Spiroxamine             | 0.01     | 0.02     | ND          | 0.01       | Coumaphos             | 0.01     | 0.02     | ND          | 0.01       |
| Fipronil                | 0.01     | 0.1      | ND          | 0.01       | Paclbutrazol          | 0.01     | 0.03     | ND          | 0.01       |
| Chlorpyrifos            | 0.01     | 0.04     | ND          | 0.01       | Ethoprophos (Prophos) | 0.01     | 0.02     | ND          | 0.01       |
| Baygon (Propoxur)       | 0.01     | 0.02     | ND          | 0.01       | Chlordane             | 0.04     | 0.1      | ND          | 0.04       |
| Chlorfenapyr            | 0.03     | 0.1      | ND          | 0.03       | Methyl Parathion      | 0.02     | 0.1      | ND          | 0.02       |
| Mevinphos               | 0.03     | 0.08     | ND          | 0.03       | Abamectin             | 0.03     | 0.08     | ND          | 0.1        |
| Acephate                | 0.02     | 0.05     | ND          | 0.1        | Acetamiprid           | 0.01     | 0.05     | ND          | 0.1        |
| Azoxystrobin            | 0.01     | 0.02     | ND          | 0.1        | Bifenazate            | 0.01     | 0.05     | ND          | 0.1        |
| Bifenthrin              | 0.02     | 0.35     | ND          | 3          | Boscalid              | 0.01     | 0.03     | ND          | 0.1        |
| Carbaryl                | 0.01     | 0.02     | ND          | 0.5        | Chlorantraniliprole   | 0.01     | 0.04     | ND          | 10         |
| Clofentezine            | 0.01     | 0.03     | ND          | 0.1        | Diazinon              | 0.01     | 0.02     | ND          | 0.1        |
| Dimethomorph            | 0.02     | 0.06     | ND          | 2          | Etoazole              | 0.01     | 0.05     | ND          | 0.1        |
| Fenpyroximate           | 0.02     | 0.1      | ND          | 0.1        | Flonicamid            | 0.01     | 0.02     | ND          | 0.1        |
| Fludioxonil             | 0.01     | 0.05     | ND          | 0.1        | Hexythiazox           | 0.01     | 0.03     | ND          | 0.1        |
| Imidacloprid            | 0.01     | 0.05     | ND          | 5          | Kresoxim-methyl       | 0.01     | 0.03     | ND          | 0.1        |
| Malathion               | 0.01     | 0.05     | ND          | 0.5        | Metalaxyl             | 0.01     | 0.02     | ND          | 2          |
| Methomyl                | 0.02     | 0.05     | ND          | 1          | Myclobutanil          | 0.02     | 0.07     | ND          | 0.1        |
| Naled                   | 0.01     | 0.02     | ND          | 0.1        | Oxamyl                | 0.01     | 0.02     | ND          | 0.5        |
| Permethrin              | 0.01     | 0.02     | ND          | 0.5        | Phosmet               | 0.01     | 0.02     | ND          | 0.1        |
| Piperonyl Butoxide      | 0.02     | 0.06     | ND          | 3          | Propiconazole         | 0.03     | 0.08     | ND          | 0.1        |
| Prallethrin             | 0.02     | 0.05     | ND          | 0.1        | Pyrethrin             | 0.05     | 0.41     | ND          | 0.5        |
| Pyridaben               | 0.02     | 0.07     | ND          | 0.1        | Spinosad A            | 0.01     | 0.05     | ND          | 0.1        |
| Spinosad D              | 0.01     | 0.05     | ND          | 0.1        | Spiromesifen          | 0.02     | 0.06     | ND          | 0.1        |
| Spirotetramat           | 0.01     | 0.02     | ND          | 0.1        | Tebuconazole          | 0.01     | 0.02     | ND          | 0.1        |
| Thiamethoxam            | 0.01     | 0.02     | ND          | 5          | Trifloxystrobin       | 0.01     | 0.02     | ND          | 0.1        |
| Acequinocyl             | 0.02     | 0.09     | ND          | 0.1        | Captan                | 0.01     | 0.02     | ND          | 0.7        |
| Cypermethrin            | 0.02     | 0.1      | ND          | 1          | Cyfluthrin            | 0.04     | 0.1      | ND          | 2          |
| Fenhexamid              | 0.02     | 0.07     | ND          | 0.1        | Spinetoram J,L        | 0.02     | 0.07     | ND          | 0.1        |
| Pentachloronitrobenzene | 0.01     | 0.1      | ND          | 0.1        |                       |          |          |             |            |

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