QA Testing

**PharmLabs** Certificate of Analysis (COA)

Sample Name **Astro 8 Purple Nurple - Premium**

| Delta9 THC 0.17% | THCa 33.09% | Total THC (THCa * 0.877 + THC) 29.18% | Delta8 THC ND |
|---|---|---|---|

| | |
|---|---|
| Sample ID **SD260316-096 (135144)** | Matrix **Flower** |
| Tested for **Astro 8** | |
| Received **Mar 16, 2026** | Reported **Oct 19, 2026** |
| Analyses executed **CANX, MWA, PRY** | |

**Laboratory note**: COA Update: 06/03/2026-"Tested for" and sample name corrected as per client request. 10/19/26 - Sample name and "Tested For" updated as per client request.

## Cannabinoids (CANx)

Analyzed **Mar 17, 2026** | 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 |
| Cannabidiorcin (CBDO) | 0.006 | 0.02 | ND | ND |
| Abnormal Cannabidiorcin (a-CBDO) | 0.013 | 0.038 | ND | ND |
| (+/-)-9B-hydroxy-Hexahydrocannibinol (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 | 0.77 | 7.69 |
| Cannabigerol Acid (CBGA) | 0.033 | 0.16 | 3.32 | 33.16 |
| Cannabigerol (CBG) | 0.048 | 0.16 | 0.24 | 2.39 |
| Cannabidiol (CBD) | 0.069 | 0.229 | 0.07 | 0.74 |
| 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 |
| Cannabidiphorol (CBDP) | 0.016 | 0.049 | ND | ND |
| exo-THC (exo-THC) | 0.016 | 0.8 | ND | ND |
| Tetrahydrocannabinol (Δ9-THC) | 0.092 | 0.307 | 0.17 | 1.66 |
| 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 | 33.09 | 330.88 |
| 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 | ND | ND |
| 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** ) | | | 29.18 | 291.84 |
| **Total THC + Δ8THC + Δ10THC** ( THCa * 0.877 + **Δ9THC** + **Δ8THC** + **Δ10THC** ) | | | 29.18 | 291.84 |
| **Total CBD** ( CBDa * 0.877 + CBD ) | | | 0.75 | 7.48 |
| **Total CBG** ( CBGa * 0.877 + CBG ) | | | 3.15 | 31.47 |
| **Total HHC** ( 9r-HHC + 9s-HHC ) | | | ND | ND |
| **Total Cannabinoids Analyzed** | | | 33.08 | 330.80 |

*Dry Weight %

## Moisture Content & Water Activity (MWA)

Analyzed **Mar 18, 2026** | Instrument **Chilled-mirror Dewpoint and Capacitance** | Method **SOP-008**

| Analyte | LOD $a_w$ | LOQ $a_w$ | Result | Limit | Analyte | LOD % M/w | LOQ % M/w | Result | Limit |
|---|---|---|---|---|---|---|---|---|---|
| Water Activity (WA) | 0.03 | 0.03 | 0.53 $a_w$ | 0.85 $a_w$ | Moisture (Moi) | 0.0 | 0.0 | 7.7 % Mw | 13 % Mw |

UI Unidentified
ND Not Detected
N/A Not Applicable
NT Not Reported
LOD Limit of Detection
LOQ Limit of Quantification
<LOQ Detected below the limit of quantification
>ULOL Above the upper limit of linearity
mg/g Milligrams per gram
ug/g Micrograms per gram
ug/kg Micrograms per kilogram
EU/mg Endotoxin units per milligram
CFU/g Colony-forming units per gram
TNTC Too Numerous to Count

PJLA Testing Acc. #85368

DEA license: RP0611043
ISO/IEC 17025:2017 Acc. 85368
COA version: V2
Generated: Oct 19, 2026 04:09 PM PDT

Scan the QR code to verify authenticity.

Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Mon, 19 Oct 2026 16:09:05 -0700



PharmWare LABORATORY LIMS & ELN

PharmLabs hereby states that its Certificates of Analysis (COA) do not certify compliance with any federal, state, or local law or regulation, including but not limited to the 2018 Farm Bill. This COA is provided solely for informational purposes and is not intended for reliance by consumers or purchasers of a product. This report shall not be reproduced, except in full, without the prior written approval of PharmLabs. This report is not intended to diagnose, treat, cure, or prevent any disease. Results apply only to the specific sample(s) and batch(es) identified on this COA and do not represent any other lot, batch, or product from the client. Measurement of uncertainty is available upon request and, when legally required, has been reported on the certificate. PharmLabs makes no representation or warranty, express or implied, regarding the tested product's safety, efficacy, quality, merchantability, or fitness for a particular purpose. PharmLabs expressly disclaims any liability for damages, claims, costs, or expenses arising out of the use, misuse, or reliance upon this COA by any party. PharmLabs relies on information provided by the client regarding the identity, sampling, and chain of custody of the submitted material. PharmLabs assumes no responsibility for errors, omissions, or misrepresentations in such information. It is the sole responsibility of the client to determine and ensure the compliance of their product(s) with all applicable federal, state, and local laws and regulations. This COA may not be used in whole or in part for marketing, advertising, promotional, or labeling purposes without the prior written consent of PharmLabs. This COA is valid only as of the date of issuance and does not guarantee the stability or continued conformity of the tested product beyond that date. Any dispute arising out of or related to this COA shall be governed by the laws of the State of California, without regard to its conflict of laws principles.