LightLab 3
HS Cannabis Analyzer

Sample ID: Pureroots USDA organic Straw Guava

# Certificate of Analysis

Test ID: e5b14c90-4339-90b1-664f-ccf75bf416fa

| | | | |
|---|---|---|---|
| **Date:** | 2026-05-28 17:14:07 -04:00 | **Serial:** | LL030520 |
| **LightLab:** | PureRoots Botanicals, LLC | **Operator:** | Sergio R |
| **Sample ID:** | Pureroots USDA organic Straw Guava | **Method:** | LightLab HPLC |
| **Test Type:** | Plant | **Weight / Volume:** | 0.3 g |
| **Solvent:** | 30 ml | **Temperature:** | 29.9 °C |
| **Cultivar:** | Straw Guava | **Moisture:** | 12.7% |
| **Col Tests Remaining:** | 10 | **CoA Revision:** | 0 |
| **Batch:** | PR001SG | **Calibration Exp:** | 2026-09-12 |

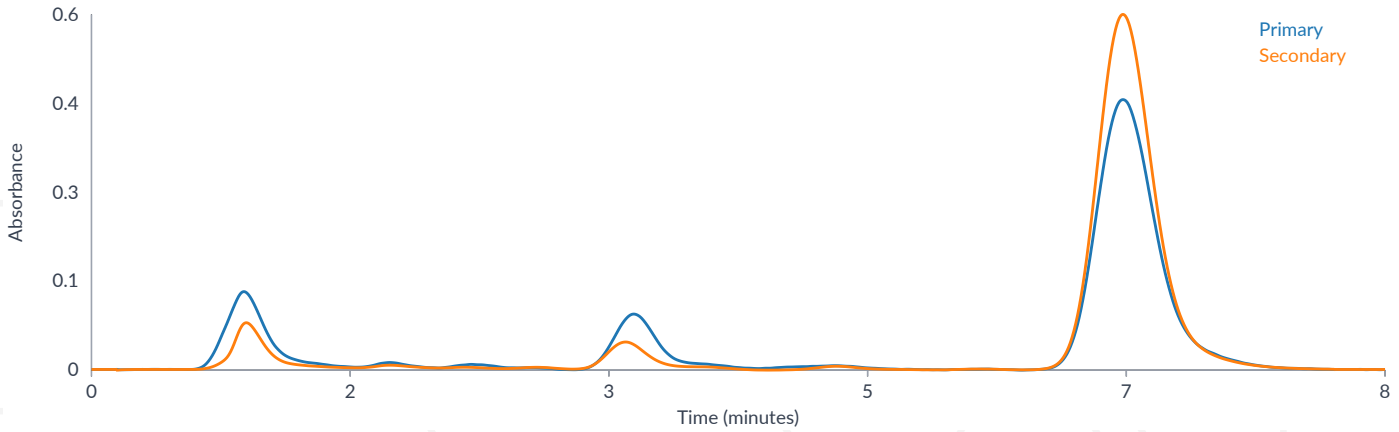
**Notes:**

ND = Not Detected; n/a = Not Analyzed; LOQ = Limit of Quantification; Total THC = (0.877 x THC-A) + Δ9-THC; Total CBD = (0.877 x CBD-A) + CBD. * Δ8THC has lower precision and higher detection limit than other cannabinoids.

## Cannabinoid Profile

| Analyte | Result (%) | LOQ |
|---|---|---|
| THC-A | 24.8 | 0.57 |
| Δ9-THC | ND | 0.57 |
| CBD-A | ND | 0.57 |
| CBD | ND | 0.57 |
| CBG-A | 1.0 | 0.57 |
| CBG | ND | 0.57 |
| CBN-A | ND | 0.57 |
| CBN | ND | 0.57 |
| CBC-A | 0.64 | 0.57 |
| CBC | ND | 0.57 |
| Δ8-THC* | ND | 4.5 |
| THCV-A | ND | 0.57 |
| THCV | ND | 0.57 |
| Terpenes | High | |
| **Total THC** | 21.8 | |
| **Total CBD** | ND | |
| **Total Cannabinoids** | 26.5 | |

## Chromatogram




## Change History

| Date | User | Action |
|---|---|---|
| 2026-05-28 17:40:44 -04:00 | | Generated a CoA (revision 0) |
| 2026-05-28 17:14:07 -04:00 | | Test Recorded |

5/28/2026

Approved | Date

Scan for Authenticity

The signatory confirms that the Operator has performed the sample preparation according to the LightLab User's Guide. This report is for quality assurance purposes only. These results relate only to the sample included on this report. Orange Photonics makes no claims as to the efficacy, safety, or risks associated with any detected or non-detected level of any compounds reported herein. Orange Photonics makes no claims regarding the adherence to sample preparation guidelines, by the operator, as outlined in the LightLab User's Guide.