QA Testing

**PharmLabs** Certificate of Analysis (COA)

Sample Name **Harlequin**

| Delta9 THC | THCa | Total THC (THCa * 0.877 + THC) | Delta8 THC |
|---|---|---|---|
| 0.25% | 28.43% | 25.18% | ND |

Sample ID **SD261001-008 (146563)** | Matrix **Flower**

Tested for **StrainX HTX LLC**

Received **Oct 01, 2026** | Reported **Oct 21, 2026**

Analyses executed **FP-IF, MWA**

**Laboratory note**: COA Update: 10/21/26 - "Tested For" updated as per client request.

## * Cannabinoids (CAN+)

Analyzed **Sep 28, 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 |
|---|---|---|---|---|
| Cannabidivarin (CBDv) | 0.039 | 0.16 | ND | ND |
| Cannabidibutol (CBDb) | 0.011 | 0.03 | ND | ND |
| Cannabidiolic Acid (CBDA) | 0.033 | 0.16 | 3.16 | 31.65 |
| Cannabigerol Acid (CBGA) | 0.033 | 0.16 | 0.16 | 1.62 |
| Cannabigerol (CBG) | 0.048 | 0.16 | 0.03 | 0.26 |
| Cannabidiol (CBD) | 0.069 | 0.229 | 1.08 | 10.83 |
| Tetrahydrocannabivarin (THCV) | 0.049 | 0.16 | ND | ND |
| Cannabinol (CBN) | 0.047 | 0.16 | ND | ND |
| Tetrahydrocannabinol (Δ9-THC) | 0.092 | 0.307 | 0.25 | 2.54 |
| Δ8-tetrahydrocannabinol (Δ8-THC) | 0.044 | 0.16 | ND | ND |
| Cannabicyclol (CBL) | 0.0012 | 0.16 | ND | ND |
| Cannabichromene (CBC) | 0.13 | 0.432 | 0.04 | 0.35 |
| Tetrahydrocannabinolic Acid (THCA) | 0.117 | 0.389 | 28.43 | 284.26 |
| **Total THC** ( THCa * 0.877 + Δ9THC ) | | | 25.18 | 251.84 |
| **Total THC + Δ8THC** ( THCa * 0.877 + Δ9THC + Δ8THC ) | | | 25.18 | 251.84 |
| **Total CBD** ( CBDa * 0.877 + CBD ) | | | 3.86 | 38.59 |
| **Total CBG** ( CBGa * 0.877 + CBG ) | | | 0.17 | 1.68 |
| **Total Cannabinoids Analyzed** | | | 29.25 | 292.45 |

*Dry Weight %

## Heavy Metals (HME)

Analyzed **Oct 14, 2026** | 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 | 0.03 | 1.5 |
| Cadmium (Cd) | 0.0005 | 0.0015 | 0.06 | 0.5 |
| Mercury (Hg) | 0.0058 | 0.0174 | 0.00 | 3 |
| Lead (Pb) | 0.0006 | 0.0018 | 0.10 | 0.5 |

## Microbial (MIBIG)

Analyzed **Oct 05, 2026** | Instrument **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 | Negative | 1 |
| Salmonella spp. | 1.0 | 1.0 | ND | 1 |
| Aspergillus fumigatus | 1.0 | 1.0 | Negative | 1 |
| Aspergillus flavus | 1.0 | 1.0 | Negative | 1 |
| Aspergillus niger | 1.0 | 1.0 | Negative | 1 |
| Aspergillus terreus | 1.0 | 1.0 | Negative | 1 |

## Mycotoxin (MTO)

Analyzed **Oct 06, 2026** | 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 | - |
| Aflatoxin B2 | 2.5 | 5.0 | ND | - | Aflatoxin G1 | 2.5 | 5.0 | ND | - |
| Aflatoxin G2 | 2.5 | 5.0 | ND | - | 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 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 21, 2026 09:27 AM PDT

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Authorized Signature

Brandon Starr

Brandon Starr, Quality Assurance Manager
Wed, 21 Oct 2026 09:27:01 -0700



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QA Testing

## Pesticides (PES)

Analyzed **Oct 06, 2026** | 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 | | Carbofuran | 0.01 | 0.02 | ND | |
| Dimethoate | 0.01 | 0.02 | ND | | Etofenprox | 0.02 | 0.1 | ND | |
| Fenoxycarb | 0.01 | 0.02 | ND | | Thiachloprid | 0.01 | 0.02 | ND | |
| Daminozide | 0.01 | 0.03 | ND | | Dichlorvos | 0.02 | 0.07 | ND | |
| Imazalil | 0.02 | 0.07 | ND | | Methiocarb | 0.01 | 0.02 | ND | |
| Spiroxamine | 0.01 | 0.02 | ND | | Coumaphos | 0.01 | 0.02 | ND | |
| Fipronil | 0.01 | 0.1 | ND | | Paclobutrazol | 0.01 | 0.03 | ND | |
| Chlorpyrifos | 0.01 | 0.04 | ND | | Ethoprophos (Prophos) | 0.01 | 0.02 | ND | |
| Baygon (Propoxur) | 0.01 | 0.02 | ND | | Chlordane | 0.04 | 0.1 | ND | |
| Chlorfenapyr | 0.03 | 0.1 | ND | | Methyl Parathion | 0.02 | 0.1 | ND | |
| Mevinphos | 0.03 | 0.08 | ND | | Abamectin | 0.03 | 0.08 | ND | |
| Acephate | 0.02 | 0.05 | ND | | Acetamiprid | 0.01 | 0.05 | ND | |
| Azoxystrobin | 0.01 | 0.02 | ND | | Bifenazate | 0.01 | 0.05 | ND | |
| Bifenthrin | 0.02 | 0.35 | ND | | Boscalid | 0.01 | 0.03 | ND | |
| Carbaryl | 0.01 | 0.02 | ND | | Chlorantraniliprole | 0.01 | 0.04 | ND | |
| Clofentezine | 0.01 | 0.03 | ND | | Diazinon | 0.01 | 0.02 | ND | |
| Dimethomorph | 0.02 | 0.06 | ND | | Etoxazole | 0.01 | 0.05 | ND | |
| Fenpyroximate | 0.02 | 0.1 | ND | | Flonicamid | 0.01 | 0.02 | ND | |
| Fludioxonil | 0.01 | 0.05 | ND | | Hexythiazox | 0.01 | 0.03 | ND | |
| Imidacloprid | 0.01 | 0.05 | <LOQ | | Kresoxim-methyl | 0.01 | 0.03 | ND | |
| Malathion | 0.01 | 0.05 | ND | | Metalaxyl | 0.01 | 0.02 | ND | |
| Methomyl | 0.02 | 0.05 | ND | | Myclobutanil | 0.02 | 0.07 | ND | |
| Naled | 0.01 | 0.02 | ND | | Oxamyl | 0.01 | 0.02 | ND | |
| Permethrin | 0.01 | 0.02 | ND | | Phosmet | 0.01 | 0.02 | ND | |
| Piperonyl Butoxide | 0.02 | 0.06 | ND | | Propiconazole | 0.03 | 0.08 | ND | |
| Prallethrin | 0.02 | 0.05 | ND | | Pyrethrin | 0.05 | 0.41 | ND | |
| Pyridaben | 0.02 | 0.07 | ND | | Spinosad A | 0.01 | 0.05 | ND | |
| Spinosad D | 0.01 | 0.05 | ND | | Spiromesifen | 0.02 | 0.06 | ND | |
| Spirotetramat | 0.01 | 0.02 | ND | | Tebuconazole | 0.01 | 0.02 | ND | |
| Thiamethoxam | 0.01 | 0.02 | ND | | Trifloxystrobin | 0.01 | 0.02 | ND | |
| Acequinocyl | 0.02 | 0.09 | ND | | Captan | 0.01 | 0.02 | ND | |
| Cypermethrin | 0.02 | 0.1 | ND | | Cyfluthrin | 0.04 | 0.1 | ND | |
| Fenhexamid | 0.02 | 0.07 | ND | | Spinetoram J,L | 0.02 | 0.07 | ND | |
| Pentachloronitrobenzene | 0.01 | 0.1 | ND | | | | | | |

## Filth & Foreign Material Inspection (FVI)

Analyzed **Oct 01, 2026** | 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 |

## Moisture Content & Water Activity (MWA)

Analyzed **Sep 28, 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 | 0.68 $a_w$ | 0.85 $a_w$ | Moisture (Moi) | 0.0 | 0.0 | 10.6 % 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

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ISO/IEC 17025:2017 Acc. 85368
COA version: V2
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Brandon Starr

Brandon Starr, Quality Assurance Manager
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