



Sample **G41**

|            |       |      |       |                                |       |            |    |
|------------|-------|------|-------|--------------------------------|-------|------------|----|
| Delta9 THC | 0.09% | THCa | 0.06% | Total THC (THCa * 0.877 + THC) | 0.14% | Delta8 THC | ND |
|------------|-------|------|-------|--------------------------------|-------|------------|----|

|                   |                       |          |              |                 |              |
|-------------------|-----------------------|----------|--------------|-----------------|--------------|
| Sample ID         | SD250926-017 (123927) | Matrix   | Flower       | Batch ID/Lot ID | HM251015-005 |
| Tested for        | Hemp Masters          |          |              |                 |              |
| Sampled           | -                     | Received | Sep 26, 2025 | Reported        | Oct 14, 2025 |
| Analyses executed | FP-IF                 |          |              |                 |              |

Laboratory note: COA Update 10/14/25 Batch ID updated as per client request

\* **CAN+ - Cannabinoids**

Analyzed Sep 26, 2025 | 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 |
|--------------------------------------------------|----------|----------|----------|-------------|
| Cannabidiarin (CBDv)                             | 0.039    | 0.16     | 0.02     | 0.19        |
| Cannabidibutol (CBDdb)                           | 0.011    | 0.03     | ND       | ND          |
| Cannabidiolic Acid (CBDa)                        | 0.033    | 0.16     | 0.04     | 0.37        |
| Cannabigerol Acid (CBGA)                         | 0.033    | 0.16     | 12.86    | 128.64      |
| Cannabigerol (CBG)                               | 0.048    | 0.16     | 0.70     | 7.03        |
| Cannabidiol (CBD)                                | 0.069    | 0.229    | 0.03     | 0.32        |
| Tetrahydrocannabivarin (THCV)                    | 0.049    | 0.16     | 0.02     | 0.24        |
| Cannabinol (CBN)                                 | 0.047    | 0.16     | ND       | ND          |
| Tetrahydrocannabinol (Δ9-THC)                    | 0.092    | 0.307    | 0.09     | 0.89        |
| Δ8-tetrahydrocannabinol (Δ8-THC)                 | 0.044    | 0.16     | ND       | ND          |
| Cannabicyclol (CBL)                              | 0.0012   | 0.16     | ND       | ND          |
| Cannabichromene (CBC)                            | 0.13     | 0.432    | 0.22     | 2.24        |
| Tetrahydrocannabinolic Acid (THCA)               | 0.117    | 0.389    | 0.06     | 0.60        |
| Total THC (THCa * 0.877 + Δ9THC)                 |          |          | 0.14     | 1.42        |
| Total THC + Δ8THC (THCa * 0.877 + Δ9THC + Δ8THC) |          |          | 0.14     | 1.42        |
| Total CBD (CBDa * 0.877 + CBD)                   |          |          | 0.06     | 0.64        |
| Total CBG (CBGa * 0.877 + CBG)                   |          |          | 11.98    | 119.85      |
| Total Cannabinoids Analyzed                      |          |          | 12.46    | 124.58      |

\*Dry Weight %

**HME - Heavy Metals**

Analyzed Oct 03, 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   | 0.04        | 1.5        |
| Cadmium (Cd) | 0.0005   | 0.0015   | 0.13        | 0.5        |
| Mercury (Hg) | 0.0058   | 0.0174   | 0.00        | 3          |
| Lead (Pb)    | 0.0006   | 0.0018   | 0.03        | 0.5        |

**MIBIG - Microbial**

Analyzed Sep 30, 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           | 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           |

**MTO - Mycotoxin**

Analyzed Oct 03, 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           | -           |
| 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  
>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
TNTC Too Numerous to Count



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Authorized Signature

*Brandon Starr*

Brandon Starr, Quality Assurance Manager  
Tue, 14 Oct 2025 15:57:18 -0700

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PES - Pesticides

Analyzed Oct 06, 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          |            | 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     | ND          |            | Kresoxim-methyl       | 0.01     | 0.03     | ND          |            |
| Malathion               | 0.01     | 0.05     | ND          |            | Metolaxyl             | 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          |            |
| Prolethrin              | 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          |            |                       |          |          |             |            |

FVI - Filth & Foreign Material Inspection

Analyzed Sep 23, 2025 | Instrument Microscope | Method SOP-010

| Analyte / Limit                                                         | Result | Analyte / Limit                                                        | Result |
|-------------------------------------------------------------------------|--------|------------------------------------------------------------------------|--------|
| > 1/4 of the total sample area covered by sand, soil, clinders, 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 Sep 26, 2025 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

| Analyte             | LOD a <sub>w</sub> | LOQ a <sub>w</sub> | Result              | Limit               | Analyte        | LOD % M/w | LOQ % M/w | Result   | Limit   |
|---------------------|--------------------|--------------------|---------------------|---------------------|----------------|-----------|-----------|----------|---------|
| Water Activity (WA) | 0.03               | 0.03               | 0.53 a <sub>w</sub> | 0.85 a <sub>w</sub> | Moisture (Moi) | 0.0       | 0.0       | 7.4 % Mw | 13 % Mw |

UI Unidentified  
ND Not Detected  
N/A Not Applicable  
NT Not Reported  
LOD Limit of Detection  
LOQ Limit of Quantification  
cLOQ Detected  
>ULOL Above upper limit of linearity  
CFU/g Colony Forming Units per 1 gram  
TNTC Too Numerous to Count



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