



Sample **Sour Diesel**

|            |       |      |        |                                |        |            |    |
|------------|-------|------|--------|--------------------------------|--------|------------|----|
| Delta9 THC | 0.25% | THCa | 19.46% | Total THC (THCa * 0.877 + THC) | 17.32% | Delta8 THC | ND |
|------------|-------|------|--------|--------------------------------|--------|------------|----|

|                                                    |                       |
|----------------------------------------------------|-----------------------|
| Sample ID SD250215-047 (107423)                    | Matrix Flower         |
| Sampled -                                          | Received Feb 14, 2025 |
| Analyses executedCAN+, MIBIG,MTO,PES,HME, FVI, MWA | Reported Feb 21, 2025 |

\* CAN+ - Cannabinoids

AnalyzedJan 30, 2025InstrumentHPLC-VWD | Method SOP-001  
Theexpanded UncertaintyoftheCannabinoids analysis is approximately ±7.81% at the 95% Confidence Level

| Analyte                                            | LOD mg/g | LOQ mg/g | Result % | Result mg/g |
|----------------------------------------------------|----------|----------|----------|-------------|
| Cannabidiol (CBDV)                                 | 0.039    | 0.16     | ND       | ND          |
| Cannabidiol (CBDb)                                 | 0.011    | 0.03     | ND       | ND          |
| Cannabidiol (CBDA)                                 | 0.033    | 0.16     | 0.04     | 0.43        |
| Cannabigerol (CBGA)                                | 0.033    | 0.16     | 0.55     | 5.46        |
| Cannabigerol (CBG)                                 | 0.048    | 0.16     | 0.07     | 0.73        |
| Cannabidiol (CBD)                                  | 0.069    | 0.229    | ND       | ND          |
| Tetrahydrocannabinol (THCV)                        | 0.049    | 0.162    | ND       | ND          |
| Cannabinol (CBN)                                   | 0.047    | 0.16     | ND       | ND          |
| Tetrahydrocannabinol (Δ9-THC)                      | 0.092    | 0.307    | 0.25     | 2.46        |
| Δ8-tetrahydrocannabinol (Δ8-THC)                   | 0.044    | 0.16     | ND       | ND          |
| Cannabicyclol (CBL)                                | 0.0012   | 0.16     | 0.04     | 0.42        |
| Cannabichromene (CBC)                              | 0.002    | 0.16     | 0.05     | 0.52        |
| Tetrahydrocannabinolic Acid (THCA)                 | 0.117    | 0.389    | 19.46    | 194.64      |
| Total THC ( THCa * 0.877 + Δ9THC )                 |          |          | 17.32    | 173.16      |
| Total THC + Δ8THC ( THCa * 0.877 + Δ9THC + Δ8THC ) |          |          | 17.32    | 173.16      |
| Total CBD ( CBDa * 0.877 + CBD )                   |          |          | 0.04     | 0.38        |
| Total CBG ( CBGa * 0.877 + CBG )                   |          |          | 0.55     | 5.52        |
| Total Cannabinoids Analyzed                        |          |          | 18.00    | 179.99      |

\*Dry Weight %

HME - Heavy Metals

AnalyzedFeb19, 2025 | InstrumentICP/MSMS | Method SOP-005

| Analyte      | LOD ug/g | LOQ ug/g | Result ug/g | Limit ug/g |
|--------------|----------|----------|-------------|------------|
| Arsenic (As) | 0.0009   | 0.0027   | 0.00        | 1.5        |
| Cadmium (Cd) | 0.0005   | 0.0015   | ND          | 0.5        |
| Mercury (Hg) | 0.0058   | 0.0174   | ND          | 3          |
| Lead (Pb)    | 0.0006   | 0.0018   | ND          | 0.5        |

MIBIG - Microbial

AnalyzedFeb19, 2025 | InstrumentqPCR 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       | ND           | 1           |
| Aspergillus flavus                     | 1.0       | 1.0       | ND           | 1           |
| Aspergillus niger                      | 1.0       | 1.0       | ND           | 1           |
| Aspergillus terreus                    | 1.0       | 1.0       | ND           | 1           |

MTO - Mycotoxin

AnalyzedFeb 19, 2025 | InstrumentLC/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

Scan the QR code to verify authenticity.

Brandon Starr, Quality Assurance Manager  
Fri, 21 Feb 2025 17:38:18 -0800

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PES - Pesticides

Analyzed Feb 19, 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                | 0.01     | 0.07     | ND          |            | Methiocarb            | 0.01     | 0.02     | ND          |            |
| Spiroxamine             | 0.02     | 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            | 0.01     | 0.1      | ND          |            | Methyl Parathion      | 0.02     | 0.1      | ND          |            |
| Mevinphos               | 0.03     | 0.08     | ND          |            | Abamectin             | 0.03     | 0.08     | ND          |            |
| Acephate                | 0.03     | 0.05     | ND          |            | Acetamiprid           | 0.01     | 0.05     | ND          |            |
| Azoxystrobin            | 0.02     | 0.02     | ND          |            | Bifenazote            | 0.01     | 0.05     | ND          |            |
| Bifenthrin              | 0.01     | 0.35     | ND          |            | Boscalid              | 0.01     | 0.03     | ND          |            |
| Carbaryl                | 0.02     | 0.02     | ND          |            | Chlorantraniliprole   | 0.01     | 0.04     | ND          |            |
| Clofentazine            | 0.01     | 0.03     | ND          |            | Diazinon              | 0.01     | 0.02     | ND          |            |
| Dimethomorph            | 0.01     | 0.06     | ND          |            | Etoazole              | 0.01     | 0.05     | ND          |            |
| Fenproximate            | 0.01     | 0.1      | ND          |            | Flonicamid            | 0.01     | 0.02     | ND          |            |
| Fludioxonil             | 0.02     | 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          |            | Metalaxyl             | 0.01     | 0.02     | ND          |            |
| Methomyl                | 0.01     | 0.05     | ND          |            | Myclobutanil          | 0.02     | 0.07     | ND          |            |
| Naled                   | 0.01     | 0.02     | ND          |            | Oxamyl                | 0.01     | 0.02     | ND          |            |
| Permethrin              | 0.02     | 0.02     | ND          |            | Phosmet               | 0.01     | 0.02     | ND          |            |
| Piperonyl Butoxide      | 0.01     | 0.06     | ND          |            | Propiconazole         | 0.03     | 0.08     | ND          |            |
| Prallethrin             | 0.01     | 0.05     | ND          |            | Pyrethrin             | 0.05     | 0.41     | ND          |            |
| Pyridaben               | 0.02     | 0.07     | ND          |            | Spinosad A            | 0.01     | 0.05     | ND          |            |
| Spinosad D              | 0.02     | 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             | 0.01     | 0.09     | ND          |            | Captan                | 0.01     | 0.02     | ND          |            |
| Cypermethrin            | 0.01     | 0.1      | ND          |            | Cyfluthrin            | 0.04     | 0.1      | ND          |            |
| Fenhexamid              | 0.02     | 0.07     | ND          |            | Spinetoram J,L        | 0.02     | 0.07     | ND          |            |
| Pentachloronitrobenzene | 0.02     |          |             |            |                       |          |          |             |            |
|                         | 0.01     |          |             |            |                       |          |          |             |            |

FVI - Filth & Foreign Material Inspection

Analyzed Feb 17, 2025 | 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     |

MWA - Moisture Content & Water Activity

Analyzed Feb 05, 2025 | Instrument Chilled-mirror Dewpoint and Capacitance | Method SOP-008

| Analyte        | LOD % | LOQ % | Result   | Limit   | Analyte             | LOD % | LOQ % | Result  | Limit   |
|----------------|-------|-------|----------|---------|---------------------|-------|-------|---------|---------|
| Moisture (Moi) | 0.0   | 0.0   | 6.5 % Mw | 13 % Mw | Water Activity (wA) | 0.03  | 0.03  | 0.47 aw | 0.85 aw |

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  
Fri, 21 Feb 2025 17:38:18 -0800

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